

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 01 day of JULY, 2014, Commissioners Court came on to be heard and reviewed the accompanying notice of INTERFACING COMPANY OF TEXAS, INC.

Job Location SEE ATTACHMENT

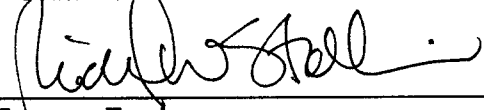
Dated 06/19/14 BOND NO 5182867, Permit No. 84615 to make use of certain Fort Bend County property subject to, "A Revised Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches 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, date the 3rd day of August, 1987, recorded in Volume _____ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statutes. Upon Motion of Commissioner Meyers, seconded by Commissioner Paterson, duly put and carried, it is ORDERED, ADJUGED 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.

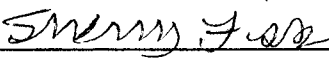
By 
County Engineer

By N/A
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.

Recorded in Volume 7-1-14
Minutes of Commissioners Court.

Clerk of Commissioners Court

By 
Deputy

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

BOND NO 5182867

THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND §

THAT WE, Interfacing Company of Texas Inc. whose address is 14850 Woodham Dr Ste B105 Houston, TX 77073, Texas, hereinafter called the Principal, and SureTec Insurance Company, a Corporation existing under and by virtue of the laws of the State of Texas and authorized to do an indemnifying business in the State of Texas, and whose principal office is located at 1330 Post Oak Blvd., Suite 1100 Houston, TX 77056, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said State is Steven D. Nelson and whose address is 9737 Great Hills Trail, Suite 320, Austin, TX 78759, hereinafter called the Surety, are held and firmly bound unto, Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, in the full sum of Eight Thousand Five Hundred Fifteen Dollars (\$ 8,515.00) current, lawful money of the United States of America, to be paid to said Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors, assigns, and legal representatives, jointly and severally, by these presents.

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

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

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

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

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

EXECUTED this 5th day of June, 2014.

Interfacing Company of Texas Inc.

PRINCIPAL

BY

SureTec Insurance Company

SURETY

BY

Richard Coyle, Attorney in Fact

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

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

Richard Coyle

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

Principal: Interfacing Company of Texas Inc.

Obligee: Fort Bend County Judge

Amount: \$ 8,515.00

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

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

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

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

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

SURETEC INSURANCE COMPANY

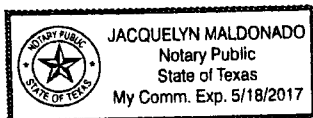
By: 
John Knox Jr., President

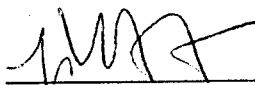
State of Texas
County of Harris

SS:



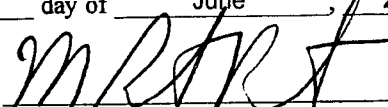
On this 21st day of March, A.D. 2013 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows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




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

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

Given under my hand and the seal of said Company at Houston, Texas this 5th day of June, 2014, A.D.


M. Brent Beaty, Assistant Secretary

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

<p style="text-align: center;">SureTec Insurance Company THIS BOND RIDER CONTAINS IMPORTANT COVERAGE INFORMATION</p>
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Statutory Complaint Notice

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

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

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

PO Box 149104
Austin, TX 78714-9104
Fax#: 512-475-1771
Web: <http://www.tdi.state.tx.us>
Email: ConsumerProtection@tdi.state.tx.us

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

Terrorism Risks Exclusion

The Bond to which this Rider is attached does not provide coverage for, and the surety shall not be liable for, losses caused by acts of terrorism, riot, civil insurrection, or acts of war.

SEE ATTACHMENT

PEEK ROAD

BRIAR SUMMIT LANE

SPRING WALK DRIVE

CINCO RANCH BOULEVARD

S FRY ROAD

COUNTY OF FORT BEND

Engineering Department

301 JACKSON STREET
RICHMOND, Texas 77469

Johnny Ortega
Permit Administrator

1124 Blume Road
Phone: (281) 633-7500

PERMIT APPLICATION REVIEW FORM FOR CABLE, CONDUIT, AND POLE LINE ACTIVITY IN FORT BEND COUNTY

PERMIT NO. 084615

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.

- X (1) Complete Application Form.
- X a. Name of road, street, and/or drainage ditch affected.
- X b. Vicinity map showing course of direction.
- X c. Plans and specifications.

- X (2) Bond:
- District Attorney, approval when applicable.
- Perpetual bond currently posted.
- No.
- Amount
- X Performance bond submitted.
- No. 5182867
- Amount \$8,515.00
- Cashier's Check.
- No.
- Amount

- (3) Verbal permission given for emergencies, to start construction before approved in Commissioner's Court.

 Precinct Engineer Acknowledgment

 Date

 Precinct Commissioner Acknowledgment

 Date

- (4)
- Drainage District Approval when applicable

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


Johnny Ortega CFM/ Permit Administrator
(REVISED 5/30/08)

06/19/2014
Date

**NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY**

APPLICANT'S JOB NO. _____
 PERMIT No. 24615 PCT No. 3
 BOND No. 5182867

Formal notice is hereby given that _____
 proposes to lay, construct, maintain and/or repair cable, conduit and/or pole line, in, under,
 across, or along roads, streets, highways and drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction Bored: Jacked: Driven: Cased
S Peck Rd	665 South of S Fry	93	✓

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance

General Description

The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or 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 Commissioners Court of Fort Bend County, Texas, dated the 3rd day of August, 1987 recorded in Volume 629 of the Minutes of the Commissioners Court of Fort Bend County Texas

Written notices are required: 1) 48 hours in advance of start of construction and
 2) when construction is complete and ready for final inspection.

Mail to: Permit Administrator/Fort Bend County Engineering
 P.O. Box 1449, Rosenberg, TX 77471.

Violation of requirements shall constitute grounds for ,00 shut down.

COMPANY NAME Interfacing Company of Texas
 AGENT and/or OWNER
Terrell Hubenak
 (Signature)
 NAME & TITLE Terrell Hubenak
 (Please Print)
 DATE 6-16-14
 ADDRESS 14850 Woodham Dr. Ste. B-105
 (Street/P.O. Box)
Houston, TX 77073
 City State Zip
 TELEPHONE NO: 713-591-5804
 (accessible 24 hrs. day 7 days/week)

Does project
 comply with Fort
 Bend County
 Outdoor Lighting
 Ordinance?

Yes ()

No ()

**NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY**

APPLICANT'S JOB NO. _____
 PERMIT No. 54613 PCT. No. 3
 BOND No. 5182867

Formal notice is hereby given that _____
 proposes to lay, construct, maintain and/or repair cable, conduit and/or pole line, in, under,
 across, or along roads, streets, highways and drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction Bored: Jacked: Driven: Cased
Brier Summit Ln.	SSO S. of Cloverfalls Ln	154 ft	✓

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance

General Description

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Written notices are required: 1) 48 hours in advance of start of construction and
 2) when construction is complete and ready for final inspection.

Mail to: Permit Administrator/Fort Bend County Engineering
 P.O. Box 1449, Rosenberg, TX 77471.

Violation of requirements shall constitute grounds for job shut down.

Does project
 comply with Fort
 Bend County
 Outdoor Lighting
 Ordinance?

Yes ()

No ()

COMPANY NAME: Interfacing Company of Texas

Ternell Hubenak
 (Signature)

NAME & TITLE Ternell Hubenak
 (Please Print)

DATE 6-16-14

ADDRESS 14850 Woodham Dr. Ste. B-105
 (Street/P.O. Box)

Houston, TX 77073
 City State Zip

TELEPHONE NO: 713-591-5804
 (accessible 24 hrs/day, 7 days/week)

**NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY**

APPLICANT'S JOB NO. _____
 PERMIT No. 84665 PCT. No. 3
 BOND No. 5182867

Formal notice is hereby given that _____
 proposes to lay, construct, maintain and/or repair cable, conduit and/or pole line, in, under,
 across, or along roads, streets, highways and drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction Bored: Jacked: Driven: Cased
SpringWalk Or	35's of Pavilion Park C.R.	80 ft	✓

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance

General Description

The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or 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 Commissioners Court of Fort Bend County, Texas, dated the 3rd. day of August, 1987, recorded in Volume 639 of the Minutes of the Commissioners Court of Fort Bend County, Texas.

Written notices are required: 1) 48 hours in advance of start of construction and
 2) when construction is complete and ready for final inspection.

Mail to: Permit Administrator/Fort Bend County Engineering
 P.O. Box 1449, Rosenberg, TX 77471.

Violation of requirements shall constitute grounds for job shut down.

Does project
 comply with Fort
 Bend County
 Outdoor Lighting
 Ordinance?

Yes ()

No ()

COMPANY NAME: Interfacing Company of Texas

AGENT and/or OWNER
Terrell Hubenak
 (Signature)

NAME & TITLE Terrell Hubenak
 (Please Print)

DATE 6-16-14

ADDRESS 14850 Woodham Dr. Ste. B-105
 (Street/P.O. Box)

Houston, TX 77073
 City State Zip

TELEPHONE NO: 713-591-5804
 (accessible 24 hrs/day, 7 days/week)

NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY

APPLICANT'S JOB NO. _____
PERMIT No. 54615 PCT. No. 3
BOND No. 5182867

Formal notice is hereby given that _____
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across, or along roads, streets, highways and drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction Bored: Jacked: Driven: Cased

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance
Cincoranch Blvd.	50' West of Heritage Ground Ln.	335' East of ^{Cinco} Moor Ln.	1,680'

General Description

The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or 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 Commissioners Court of Fort Bend County, Texas, dated the 3rd. day of August, 1987, recorded in Volume 639 of the Minutes of the Commissioners Court of Fort Bend County, Texas.

Written notices are required: 1) 48 hours in advance of start of construction and
2) when construction is complete and ready for final inspection.

Mail to: Permit Administrator/Fort Bend County Engineering
P.O. Box 1449, Rosenberg, TX 77471.

Violation of requirements shall constitute grounds for job shut down.

Does project
comply with Fort
Bend County
Outdoor Lighting
Ordinance?

Yes ()
No ()

COMPANY NAME: Interfacing Company of Texas
AGENT and/or OWNER

Tennell Hubenak
(Signature)

NAME & TITLE Tennell Hubenak
(Please Print)

DATE 6-16-14

ADDRESS 14850 Woodham Dr. Ste. B-105
(Street/P.O. Box)

Houston, TX 77073
City State Zip

TELEPHONE NO: 713-591-5804
(accessible 24 hrs/day, 7 days/week)

**NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY**

APPLICANT'S JOB NO. 5182867
 PERMIT No. 84615 PCT. No. 3
 BOND No. 5182867

Formal notice is hereby given that _____
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 across, or along roads, streets, highways and drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction			
			Bored:	Jacked:	Driven:	Cased

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance
Tranquill Springs:	633' N. of Marble Springs	709' N. of Marble Springs	or.

General Description

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Mail to: Permit Administrator/Fort Bend County Engineering
 P.O. Box 1449, Rosenberg, TX 77471.

Violation of requirements shall constitute grounds for job shut down.

Does project
 comply with Fort
 Bend County
 Outdoor Lighting
 Ordinance?

Yes ()

No ()

COMPANY NAME: Interfacing Company of TEXAS
 AGENT and/or OWNER

Tennell Hubenak
 (Signature)

NAME & TITLE Tennell Hubenak
 (Please Print)

DATE 6-16-14

ADDRESS 14850 Woodham Dr. Ste B-105
 (Street/P.O. Box)

Houston, TX 77043
 City State Zip

TELEPHONE NO: 713-591-5804
 (accessible 24 hrs/day, 7 days/week)

**NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY**

APPLICANT'S JOB NO. 8
 PERMIT No. 84615 PCT. No. 3
 BOND No. 5182867

Formal notice is hereby given that _____
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 across, or along roads, streets, highways and drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction Bored: Jacked: Driven: Cased
S. Peck Rd.	1,672' N. of Springwalk Dr.	98'	✓

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance

General Description

The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or 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 Commissioners Court of Fort Bend County, Texas, dated the 3rd. day of August, 1987, recorded in Volume 639 of the Minutes of the Commissioners Court of Fort Bend County, Texas.

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Mail to: Permit Administrator/Fort Bend County Engineering
 P.O. Box 1449, Rosenberg, TX 77471.

Violation of requirements shall constitute grounds for job shut down.

Does project
 comply with Fort
 Bend County
 Outdoor Lighting
 Ordinance?

Yes ()

No ()

COMPANY NAME: Interfacing Company of Texas
AGENT and/or OWNER

Tearrell Hubenak
(Signature)

NAME & TITLE Tearrell Hubenak
(Please Print)

DATE 6-16-14

ADDRESS 14850 Woodham Dr. Ste. B-105
(Street/P.O. Box)

Houston, TX 77073
City State Zip

TELEPHONE NO: 713-591-5804
(accessible 24 hrs/day, 7 days/week)

NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY

APPLICANT'S JOB NO. _____
PERMIT No. 84615 PCT. No. 3
BOND No. 5182867

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across, or along roads, streets, highways and drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction Bored: Jacked: Driven: Cased
S. Fry Rd.	312' E. of Seven Meadows Pkwy	117'	✓

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance
Seven Meadows Pkwy	971' South of S. Fry Rd.	S. Fry Rd.	971'

General Description

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Violation of requirements shall constitute grounds for job shut down.

COMPANY NAME: Interfacing Company of TEXAS
AGENT and/or OWNER

Terrell Hubenak
(Signature)

NAME & TITLE Terrell Hubenak
(Please Print)

DATE 6-16-14

ADDRESS 14850 Woodham Dr. Ste. B-105
(Street/P.O. Box)

Houston, TX 77073
City State Zip

TELEPHONE NO: 713-591-5804
(accessible 24 hrs/day, 7 days/week)

Does project
comply with Fort
Bend County
Outdoor Lighting
Ordinance?

Yes ()

No ()

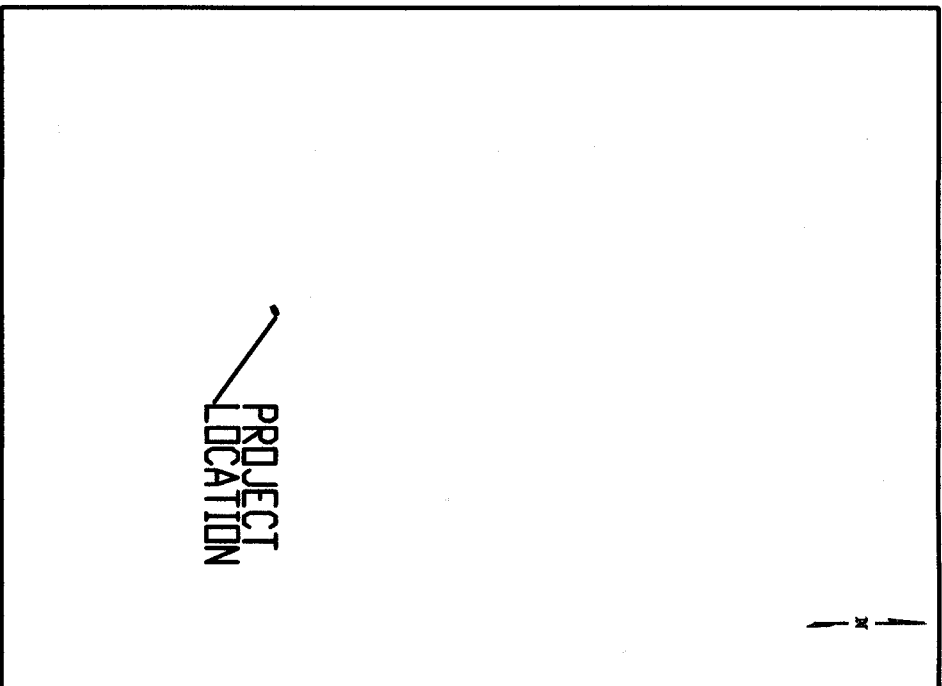


TITLE OF DRAWING	SHT. NO.	STATION
TITLE SHEET	1	
GENERAL NOTES	2	
CONSTRUCTION DRAWING	3	
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GENERAL CONSTRUCTION DETAIL	5	
HANDHOLE DETAILS	6	

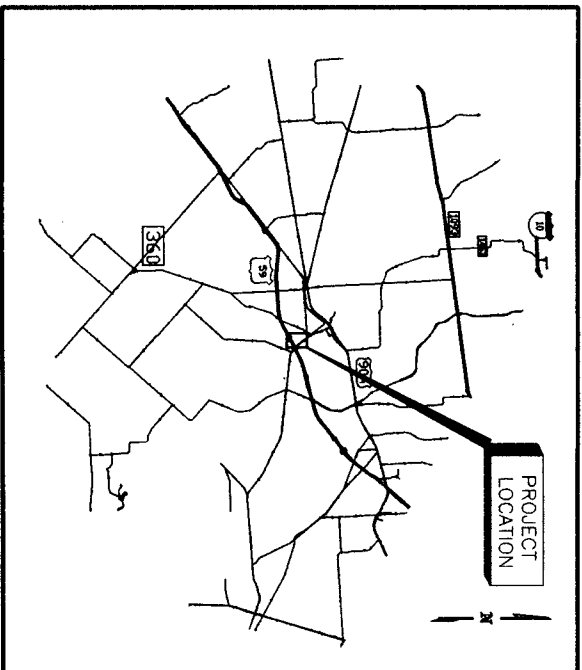
TELECOMMUNICATION CONDUITS
ALONG S PEEK RD.
BETWEEN FM 1093 & FRY
FORT BEND COUNTY
TEXAS

NEW BUILD

VICINITY MAP

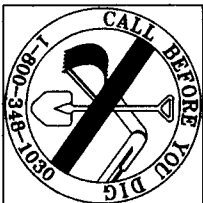


LOCATION MAP



KEY MAP#: 525C

ZIP CODE: 77494



*NO KNOWN PROPOSED WASTEWATER WORK IS INVOLVED.
**NO KNOWN PROPOSED DRAINAGE WORK IS INVOLVED.

NOTES:
THE CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, ENGINEERING CONSTRUCTION DIVISION (TELEPHONE NO. 713-863-1450) 48 HOURS BEFORE STARTING WORK ON THIS PROJECT

CINCO RANCH S. PEEK

JOB NUMBER:

TEO.LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
teo@ic.com
FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

SURVEY BY: ICITX
F B NO.

SHEET NO 1 OF 6 SHEETS

[illegible]

1. WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE ARE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE DOCUMENTS & STREET PAVING, STANDARD CONSTRUCTION SPECIFICATIONS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING. STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING AND THE INFRASTRUCTURE DESIGN MANUAL, PUBLISHED BY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002.
2. ALL UTILITIES PRESENT ON THESE DRAWINGS ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY IN THE FIELD THE EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION. CONSTRUCTION SHALL NOTIFY THE CITY OF HOUSTON AT 713-223-4567 AT LEAST 48 HOURS BEFORE PROCEEDING WITH ANY TIE-INS.
3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES TO EXISTING WATER, WASTEWATER, STORM, WATER LINES AND TRAFFIC CONTROL DEVICES. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S STANDARD CONSTRUCTION SPECIFICATIONS REFERENCED ABOVE, AT NO COST TO THE CITY OF HOUSTON.
4. CONTRACTOR SHALL NOTIFY THE OFFICE OF THE CITY ENGINEER, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AT 713-963-1450 FOR INSPECTION AT LEAST 48 HOURS PRIOR TO COMMENCING THE CONSTRUCTION.
5. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
6. CONTRACTOR IS TO PRESERVE AND PROTECT EXISTING TREES AND PLANTS FROM POLICE BRANCH, TRUCK AND/OR ROAD DAMAGE THAT COULD RESULT FROM CONSTRUCTION OPERATIONS AS PER THE CITY OF HOUSTON STREET TREE ORDINANCE, AND CITY OF HOUSTON SPECIFICATION 01962, INSIDE OF THE CITY'S EXISTING PAVED PUBLIC ROAD R-0-4# AND ANY AFFECT COMMERCIAL BUILDING LINE STRIPBACK AREAS.
7. THE CONTRACTOR SHALL COMPLY WITH THE LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.
8. IF THE CONSTRUCTION DOES NOT BEGIN WITHIN A YEAR AFTER THE PLANS HAVE BEEN SIGNED, NEW SIGNATURES MUST BE OBTAINED AND LETTERS OF AVAILABILITY MUST BE UPDATED.
9. CONTRACTOR SHALL PREPARE A SET OF "AS-BUILT" DRAWINGS SHOWING ANY FIELD CHANGES MADE TO THE APPROVED ENGINEERING PLANS AND SUBMIT TO THE DESIGN CONSULTANT FOR SUBMISSION TO CITY ENGINEER.

[illegible]

1. DIRECTIONAL BORING WILL BE UTILIZED WHEREVER POSSIBLE. ALL EXCAVATIONS WILL BE BACKFILLED PER CITY, DOT, AND COUNTY SPECIFICATIONS.
2. FIBER OPTIC WARNING TAPE WILL BE PLACED 12" BELOW THE EXISTING GRADE IN ALL EXCAVATIONS.
3. VERIFICATION OF THE LOCATION OF EXISTING UTILITY CROSSING IS THE RESPONSIBILITY OF THE CONTRACTOR. HAND DIGGING WILL BE UTILIZED WHERE REQUIRED.
4. CALL THE LOCAL UTILITY ONE-CALL AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION.
5. A 24" SEPARATION BETWEEN CITY OF HOUSTON FOLIAGES AND OTHER UTILITY LINES WILL BE MAINTAINED.
6. CONDUIT CABLES WILL BE PLACED ON THE ENDS OF ALL VACANT DUCTS DURING CONSTRUCTION, UPON COMPLETION, AND WHILE MAINTAINING FIBER STRUTTING.
7. INSTALL THREE 3 - 1.25" X 1" HOPE AS SHOWN ON PULLING.
8. THE MINIMUM BENDING RADIUS FOR FIBER CABLE WILL BE 24".
9. MAXIMUM CABLE INSTALLATION TENSION WILL NOT EXCEED 600 POUNDS. A 600 POUND BREAKAWAY SWIVEL WILL BE USED DURING PULLING.
10. THE REMOVAL AND STORAGE OF ALL SURBERRRY TO BE REPLACED IS THE RESPONSIBILITY OF THE CONTRACTOR.
11. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING THE CONSTRUCTION AREA TO ORIGINAL OR BETTER CONDITION.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION AS-BUILT DRAWINGS AND PRESENT A COMPLETE SET OF RED-LINED DRAWINGS TO TYPES AND THE CITY OF HOUSTON WITHIN 14 DAYS OF COMPLETION OF THE WORK.
13. CONDUITS WILL BE TEMPLATED NO MORE THAN SIX (6) INCHES ABOVE THE FLOOR GRADE IN HANDHOLES.
14. PLACE AT LEAST EIGHT (8) INCHES OF CRUSHED ROCK IN THE BOTTOM OF HANDHOLE FIRST FLOOR (9) INCHES OF THE WIRE MESH (2 SQUARE FEET) AND THE HANDHOLE.
15. PLACE 100 FEET FIBER SLACK COIL IN EACH HANDHOLE/HANDHOLE.
16. BORED POWER LINES HAND DIG AS REQUIRED.
17. BORED FIBER OPTIC TELEPHONE COCKLES HAND DIG AS REQUIRED.
18. BORED GAS LINES AND DIPS AS REQUIRED.
19. BORED GAS LINES AND DIPS AS REQUIRED.
20. BORE OUTSIDE THE DRAINAGE OF ALL TREES TO PREVENT ROOT DAMAGE (CRITICAL ROOT ZONE).
21. WHEN BRANCHING, BORE IF A TREE ROOT OF 1" DIAMETER OR LARGER IS ENCOUNTERED.
22. UNLESS OTHERWISE INDICATED, RIGHT OF WAY (ROW) LINES CONNOTE WITH THE BACK OF SIDEWALK.
23. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. CALL TEXAS DOT AT 1-800-245-4545.

.....

- LOCATIONS OF CENTERPOINT ENERGY MAIN LINES (7) INCLUDE CENTERPOINT ENERGY INTRASTATE ENERGY, L.L.C. WHERE APPLICABLE, ARE SHOWING AN APPROXIMATE LOCATION ONLY. SERVICE LINE ARE INITIALLY NOT SHOWN. LOCATIONS OF SERVICE LINES ARE SHOWN IN APPROXIMATE LOCATION. IT DOES NOT MEAN THAT A CONFLICT ANALYSIS HAS BEEN MADE. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT (713) 223-4567 OR 1-800-668-3344 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.
- WHEN CENTERPOINT ENERGY PIPE LINE MARKINGS ARE NOT PRESENT, CALL (713) 867-8600 TO REQUEST FIELD LOCATIONS. BEING LOCATED WITHIN 15 MINUTES TO 4:30 PM. FOR STABLE OR UNSTABLE LOCATIONS, REQUEST BEFORE EXCAVATION BEGINS.
- WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. EXPOSED FACILITIES SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PREPARE THESE UNDERGROUND FACILITIES.

1. The first part of the document is a title page. It contains the title of the document, the author's name, and the date of the document. The title is "The First Part of the Document". The author's name is "John Doe". The date is "1/1/2020".

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. TEXAS LAW, SECTION 752, HEALTH AND SAFETY CODE, CHAPTERS 161 AND 162, PROVIDES THAT OWNERS OF POWER LINES AND CABLES ARE RESPONSIBLE FOR THE LOCATION OF THOSE LINES. PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTORS, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKMEN UNDER THIS LAW. THIS CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO ARRANGE FOR LINES TO BE TURNED OFF OR REMOVED CALL CENTREPOINT ENERGY AT 713-207-2222.

.....

IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREPARE SHOP DRAWINGS FOR THE "TRENCH SAFETY SYSTEM" AS REQUIRED BY O.S.S.A. BY A LICENSED PROFESSIONAL ENGINEER RETAINED AND PAID BY THE CONTRACTOR.

[illegible]

1. STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE (C-76, CLASS III), AND SHALL BE INSTALLED, BEDDED AND BACKFILLED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAINAGES NOS. 023117-01, 023117-03, 023117-05, 023117-06, AND 023117-07 (OCT. 2002) AS APPLICABLE UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
2. ALL STORM SEWERS CONSTRUCTED IN SIDE LOT EASEMENT SHALL BE R.C.P. (C76, CLASS III) AND SHALL BE BEDDED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAINAGE NOS. 023117-02, 023117-03, 023117-05, 023117-06, AND 023117-07 AS APPLICABLE.
3. ALL SEWERS UNDER PROPOSED OR FUTURE PAVEMENT AND TO A POINT ONE (1) FOOT BACK FROM PROPOSED OR FUTURE CURBS SHALL BE BUILT IN 12" FOOT DIAMETER R.C.P. (C-76, CLASS III) AND SHALL BE BEDDED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAINAGE NOS. 023117-02, 023117-03, 023117-05, 023117-06, AND 023117-07 AS APPLICABLE.
4. ALL TRENCH BACKFILLS SHALL BE WITH SUITABLE EARTH MATERIAL. ALL TRENCH BACKFILLS SHALL BE IN 8' LIFTS WITH TEST TAKEN AT 100 FOOT INTERVALS ON EACH LIFT, AND MECHANICALLY COMPACTED TO A DENSITY OF NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST (ASTM D-698/AASHTO 199).
5. CURICULAR AND ELIPTICAL, REINFORCED CONCRETE PIPE SHALL BE INSTALLED USING RUBBER GASKET JOINTS CONFORMING TO ASTM C443 AND ASTM C577 RESPECTIVELY.
6. ALL STORM SEWERS PIPES AND INLET LEADS SHALL BE 24-INCH AND LARGER R.C.P. (C-76, CLASS III).
7. ALL PROPOSED PIPE STUB-OUTS FROM MANHOLE AND INLETS ARE TO BE PLUGGED WITH 8" BRICK WALLS UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL PROVIDE 12" MINIMUM CLEARANCE AT STORM SEWER AND MANHOLE CROSSINGS.
9. ADJUST MANHOLE COVERS TO GRADE CONFORMING TO REQUIREMENTS OF HOUSTON DRAINAGE NOS. 023117-01, 023117-03, 023117-05, 023117-06, AND 023117-07 AS APPLICABLE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, MAINTAINING, AND RESTORING ANY BACK SLOPE DRAINAGE SYSTEM DISTURBED AS RESULT OF HIS WORK.
11. ALL DITCHES SHALL BE REGRADED TO PROPOSED ELEVATIONS TO INSURE PROPER DRAINAGE. ALL OUTFALLS SHALL BE PROPERLY BACKFILLED AND COMPACTED. ALL DISTURBED AREAS SHALL BE REGRADED, SEEDED, AND FERTILIZED.
12. ALL DRAINWAYS WILL BE LOCATED TO AVOID EXISTING CURB INLET STRUCTURES.

[illegible]

1. CONTRACTOR SHALL IMPLEMENT INLET PROTECTION DEVICES AND REINFORCED FILTER FABRIC BARRIER ALONG ROAD AND SIDE DITCHES AT LOCATIONS SHOW ON THE TYPICAL STORM WATER POLLUTION PREVENTION (SWPP) PLANS TO KEEP SILT AND / OR EXCAVATION MATERIALS FROM ENTERING ONTO THE STORM WATER INLETS AND DITCHES EVENTUALLY POLLUTING THE RECEIVING STORM.
2. DURING THE EXCAVATION PHASE OF THE PROJECT, CONTRACTOR SHALL SCHEDULE THE WORK IN SHORT SEGMENTS SO THAT EXCAVATED MATERIAL CAN BE QUICKLY HAULED AWAY FROM THE SITE AND TO PREVENT IT FROM STAYING UNCOLLECTED ON THE EXISTING PAVEMENT. ANY LOOSE EXCAVATED MATERIAL WHICH FALLS ON PAVEMENTS OR DRIVEWAYS SHALL BE SWEEP BACK INTO THE EXCAVATED AREA. CONTRACTOR SHALL CLEAN UP THE EXISTING STREET INTERSECTIONS AND DRIVEWAYS DAILY, AS NECESSARY, TO REMOVE ANY EXCESS MUD, SILT OR ROCK FLOODED FROM THE EXCAVATED AREA.
3. CONTRACTOR SHALL PROVIDE ADEQUATE HOUSEKEEPING PRACTICES DURING THE CONSTRUCTION OF THE PROJECT AND MAINTAIN CLEANING UP DIRT AND LOOSE MATERIAL AS CONSTRUCTION PROGRESSES.
4. CONTRACTOR TO INSPECT AND MAINTAIN THE AREAS LISTED BELOW AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
5. DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
 - AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION
 - STRUCTURAL CONTROL MEASURES.
 - LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE.
6. CONTRACTORS TO BE RESPONSIBLE TO MAINTAIN EXISTING DITCHES AND / OR CULVERTS FOR UNOBTSTRUCTED DRAINAGE AT ALL TIMES. WHERE SOODING IS DISTURBED BY EXCAVATION ON BACKFILLING OPERATIONS, SUCH AREAS SHALL BE REPLACED BY SEEDING OR SOODING. SLOPES 4:1 OR STEEPER SHALL BE REPLACED BY BLOCK SOODING.

[illegible]

PANEL 0420L OF 1150
MAP# 48201C0420L
MAP REVISED JUNE 18, 2007

[illegible]


1. EXISTING PAVEMENT, CURBS, SIDEWALKS, AND DRIVEWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED TO CITY OF HOUSTON STANDARDS.
2. WHEEL CHAIR RAMP SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON STANDARDS AT ALL INTERSECTIONS WHERE EXISTING CURB OR SIDEWALK IS DAMAGED OR REMOVED DURING CONSTRUCTION.
3. PRIOR TO STREET CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AT 713-535-5719 OR 713-535-7582 AND COMPLY WITH ALL REQUIREMENTS FOR THE ISSUANCE OF THE NECESSARY PERMITS / WORK ORDERS FOR STREET CONSTRUCTION.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

1. THE LOCATIONS OF SBC FACILITIES ARE SHOWN IN AN APPROPRIATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CALL 1-800-344-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF SBC FACILITIES, ALL EXCAVATION MUST BE ACCOMPISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE SBC FACILITIES.
4. WHEN SBC FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.

GENERAL NOTES:

1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS, PLOTTED FROM AVAILABLE MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POtholing, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

<p>TEO, LLC 5510 Community Drive Houston, Texas 77005 281-536-5123 OFFICE 713-668-6334 F AX teolic@gmail.com FIRIM # F-8978</p>		<p>WAVEMEDIA TELECOM, LLC.</p>		<p>EMERGENCY # 1-713-895-0002</p>	
		<p>GENERAL NOTES</p>			
<p>FILE NO. DATE: 5/25/14</p>		<p>FOR FT. BEND COUNTY USE ONLY</p>			
<p>DRAWING SCALE:</p>					
<p>HORIZ. NTS</p>					
<p>VERT. NTS</p>					
<p>SHEET No. 2 OF 6</p>					

DISCLAIMER

- GENERAL NOTES: UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 800-344-8377 AT LEAST 48 HOURS BEFORE EXCAVATION.
3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J20XXXX

TOTALS

FIBER THIS SHEET: 100

FIBER CUMULATIVE: -

STATIONING 0+00-END

CONDUIT 100 LF

MATERIAL LIST QUANTITY

2 - 1.25" HDPE	100' EA
BURIED CABLE MARKER	2
RISER/BOREPIT	2/2

TEO, LLC

5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
teo@teo.com
FIRM # F-8978



EMERGENCY# 1-713-895-0002

ICITX WAVEMEDIA, LLC.

PRIVATE UTILITY LINES SHOWN
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR
EASEMENTS ONLY. THE LONG STAKE NOTIFICATION 713-223-4567

CenterPoint Energy/Electric Facilities
Valid at time of review only.
Date:

AT&T Approved for underground conduit facilities only.
Signatures valid for one year.
Date:

CenterPoint Energy / Gas Facilities
(Gas service lines are not shown)
NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY
AFTER DATE OF SIGNATURES

FORT BEND COUNTY

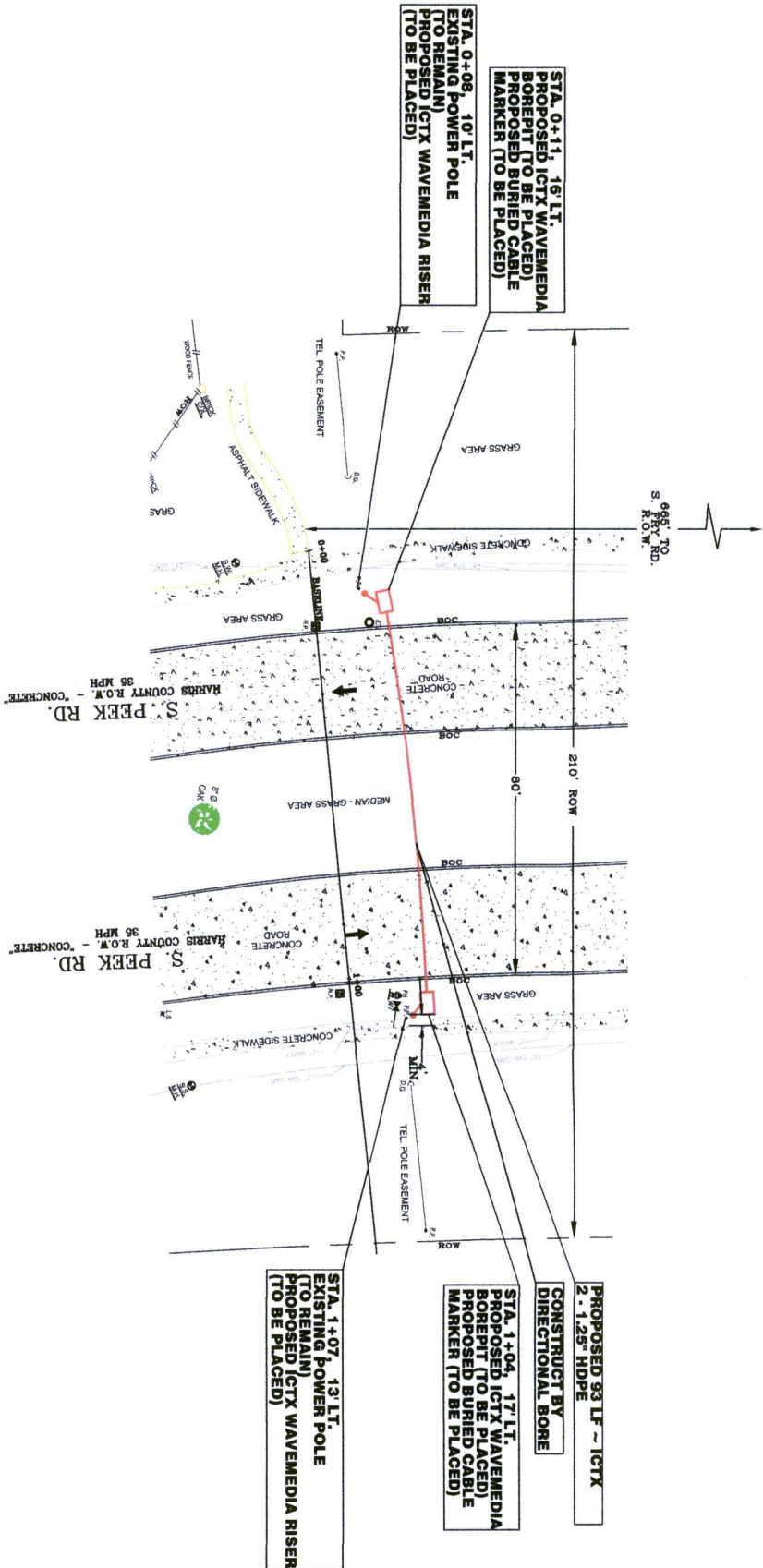
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

WATER	TRAFFIC & TRANSPORTATION
WASTEWATER	STORM WATER QUALITY
STORM	FACILITIES
STREET & BRIDGE	

DATE: 04/13/2014
DRAWING SCALE:
HORIZ: 1" = 20'
VERT: 1" = 02'

FOR CITY OF HOUSTON USE ONLY

SHEET NO. 3 OF 6



NOTE:
THIS APPROVAL IS FOR CONSTRUCTION UTILIZING WAGER /
BORE AND JACK METHOD ONLY FOR ANY REASON, IF OPEN
CUT METHOD IS USED, THE CONTRACTOR SHALL BE RESPONSIBLE
FOR OBTAINING ALL NECESSARY PERMITS AND NOTIFICATIONS
TYPICAL SHEET SHALL BE SUBMITTED FOR REVIEW AT LEAST
48 HOURS IN ADVANCE BEFORE STARTING CONSTRUCTION. THESE
RESTRICTIONS TYPICAL SHALL BE DRAWN ON W/40, SCALES
SHOWN AND DATED BY A PROFESSIONAL ENGINEER IN THE STATE
OF TEXAS

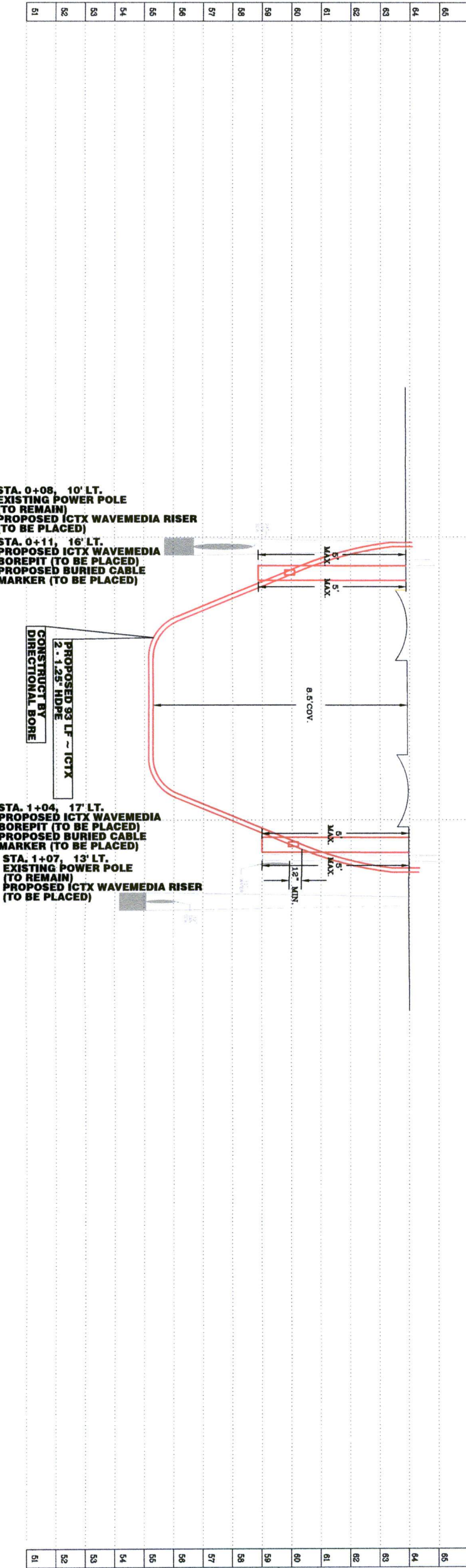
NOTE:
THE LOCATIONS OF SOUTHWESTERN BELL, TELEPHONE COMPANY
UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE
CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL
NECESSARY PERMITS AND NOTIFICATIONS. ANY AND ALL DAMAGES
WHICH MIGHT BE OCCURRED BY THIS
FAILURE TO EXACTLY LOCATE AND PRESERVE THESE
UNDERGROUND UTILITIES.

PROFILE
HARRIS COUNTY, TEXAS

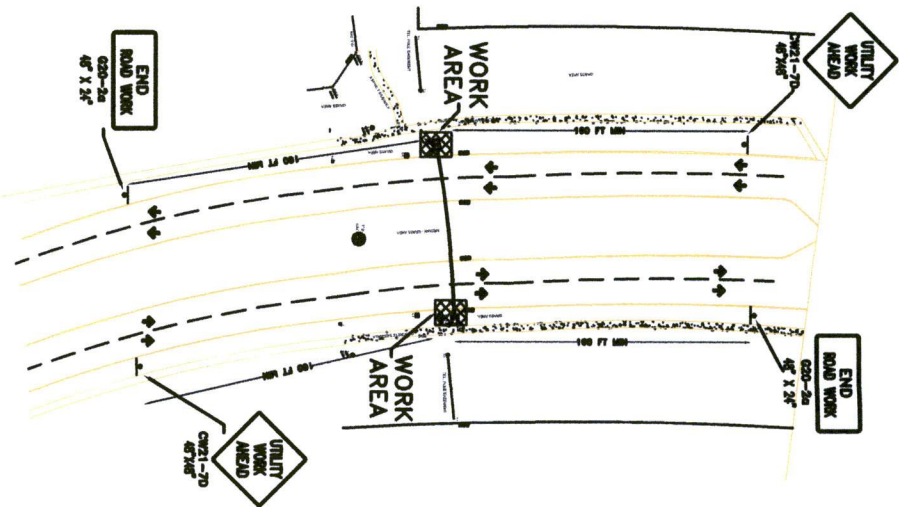
NOTE:
UNDERGROUND LINES NOT SHOWN ON THE PROFILE. WE HAVE NOT ATTEMPTED TO MARK
LINES THAT ARE NOT CLEARLY VISIBLE. BUT THE SHOULD LOCATE THEM PRIOR TO
BEGINNING ALL ACTIVITIES. IN WHICH PERSONS OR THINGS MAY BE DAMAGED. IT IS
THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS AND NOTIFICATIONS
PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL
NECESSARY PERMITS AND NOTIFICATIONS. ANY AND ALL DAMAGES WHICH MIGHT BE
OCCURRED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE
UNDERGROUND UTILITIES.

CAUTION: UNDERGROUND GAS FACILITIES
LOCATIONS OF EXISTING MAIN LINES DO NOT INCLUDE UNIT GAS TRANSMISSION
LINES OR INDUSTRIAL GAS SERVICE CONNECTIONS. THESE FACILITIES ARE
SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE
FOR OBTAINING ALL NECESSARY PERMITS AND NOTIFICATIONS. ANY AND ALL DAMAGES
WHICH MIGHT BE OCCURRED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE
THESE UNDERGROUND GAS FACILITIES.

CONTACT SANGER, 462004, AT 282755-3658
AT LEAST 48 HOURS BEFORE CONSTRUCTION.
NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL
NECESSARY PERMITS AND NOTIFICATIONS. ANY AND ALL DAMAGES
WHICH MIGHT BE OCCURRED BY THIS FAILURE TO EXACTLY LOCATE AND
PRESERVE THESE UNDERGROUND GAS FACILITIES.



WARNING SIGNS ALONG MAJOR ROAD
APPLY TO STATIONS 0+00 – END (ALONG S PEEK RD-NORTHBOUND)



FORT BEND COUNTY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
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 (TEXAS MUTCD, MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION.
- 2 - NO LANES SHALL BE CLOSED DURING CONSTRUCTION.
- 3 - CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOUR AND OPEN LANES FOR NORMAL TRAFFIC FLOW.
- 4 - IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF TRAFFIC CONTROL PLANS DURING THE CONSTRUCTION THAN WHAT IS OUTLINED IN THE CONTRACT DRAWINGS, HE/SHE SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT AN ALTERNATE SET REPRODUCIBLE INK/PLASTIC, SEALED AND SIGNED BY A LICENSED ENGINEER IN THE STATE OF TEXAS, WITH THE ENTIRE APPROVED SET OF DRAWINGS, TO HOLD TRAFFIC SECTION FOR REVIEW AND APPROVAL, TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
- 5 - APPROVED COPIES OF THE TRAFFIC CONTROL PLANS AND LANE CLOSURE PERMITS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.
- 6 - CONTRACTOR SHALL MAINTAIN LOCAL DRIVEWAY ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES ADJACENT TO WORK AREA AT ALL TIMES.
- 7 - CONTRACTOR SHALL NOTIFY FIRE, POLICE, METROPOLITAN TRANSIT AUTHORITY, AND SCHOOLS FIVE (5) WORKING DAYS PRIOR TO IMPLEMENTATION FOR TRAFFIC CONTROLS.
- 8 - IF THE PROJECT IS WITHIN 400 FT FROM A SIGNALIZED INTERSECTION, THE CONTRACTOR SHALL CONTACT FT BEND COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT, SIGNAL DIVISION AT () PRIOR TO THE START OF CONSTRUCTION, FIVE (5) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

- LEGENDS:**
- WORK AREA
 - ROAD/LANE CLOSED AREA
 - DRUMS WITH LEFT CHEVRON SIGN
 - DRUMS WITH RIGHT VERTICAL PANEL
 - DRUMS WITH RIGHT CHEVRON SIGN
 - DRUMS WITH LEFT VERTICAL PANEL
 - PLASTIC DRUMS
 - 28" TUBULAR MARKERS
 - 28" TRAFFIC CONES
 - TRAFFIC CONSTRUCTION SIGNS
 - TYPE III BARRICADE WITH 2 TYPE "A" WARNING LIGHTS
 - LAW OFFICER
 - FLAGGER
 - FLASHING ARROW PANEL
 - DIRECTION OF TRAFFIC FLOW

JOB NUMBER:

TEO.LLC
5510 Community Drive
Houston, Texas
77005
281-536-5123 OFFICE
713-668-6334 FAX
teo.lc@gmail.com
FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

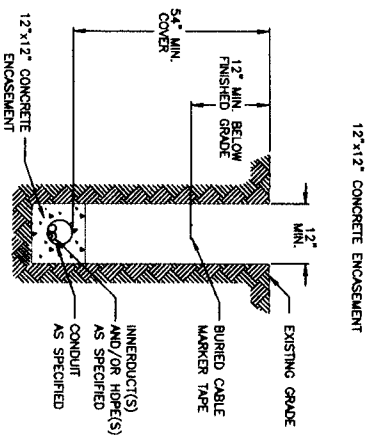
EMERGENCY# 1-713-895-0002



TRAFFIC CONTROL PLAN

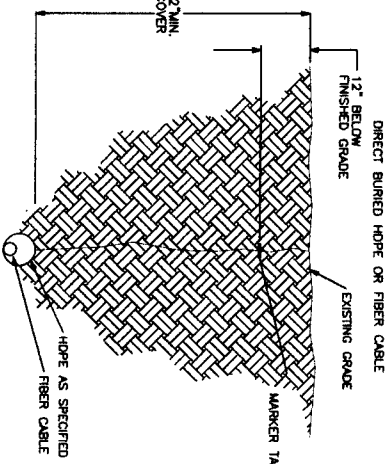
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DATE: 5/25/14	
DRAWING SCALE:	
HORIZ: 1" = 50'	
VERT: NTS	
SHEET No. 4 OF 6	

TYPICAL DETAIL 'B' INDUSTRY STANDARD

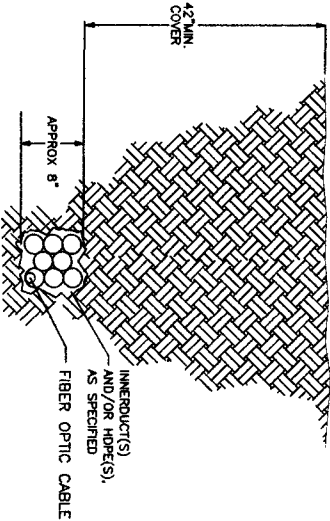


NOTE:
BACKFILL MUST BE MADE WITH ROCK FREE MATERIAL.

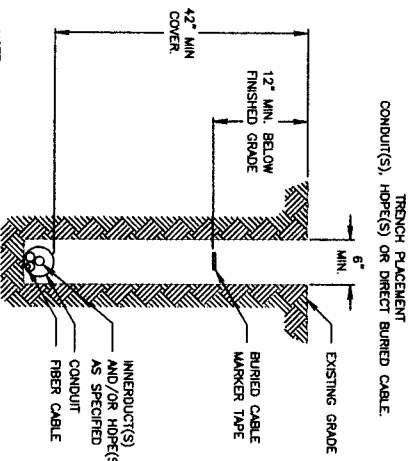
TYPICAL DETAIL 'C' INDUSTRY STANDARD



TYPICAL DETAIL 'H' INDUSTRY STANDARD

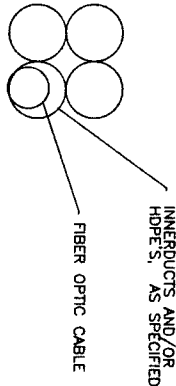


TYPICAL DETAIL 'A' INDUSTRY STANDARD

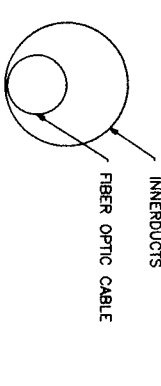


NOTE:
BACKFILL MUST BE MADE WITH ROCK FREE MATERIAL.

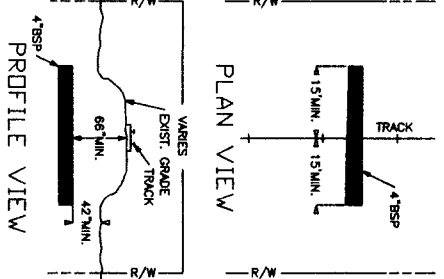
INDUSTRY STANDARD TYPICAL DETAIL 'D'



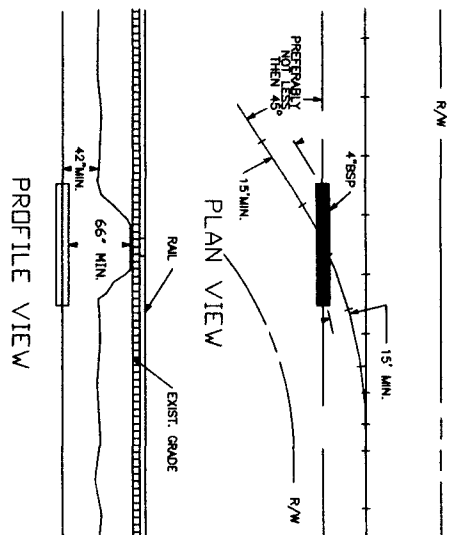
INDUSTRY STANDARD TYPICAL DETAIL 'E'



INDUSTRY STANDARD TYPICAL DETAIL 'F'



INDUSTRY STANDARD TYPICAL DETAIL 'G'



DISCLAIMER
GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF CALLED UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER:

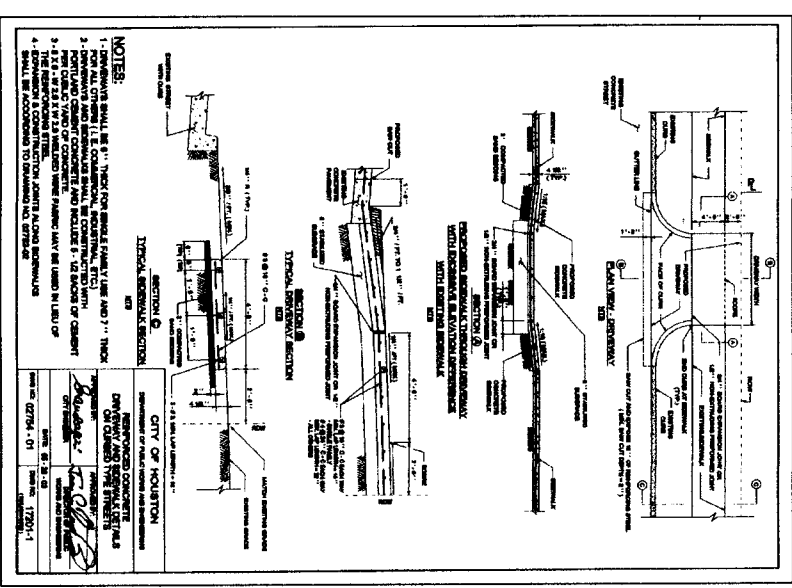
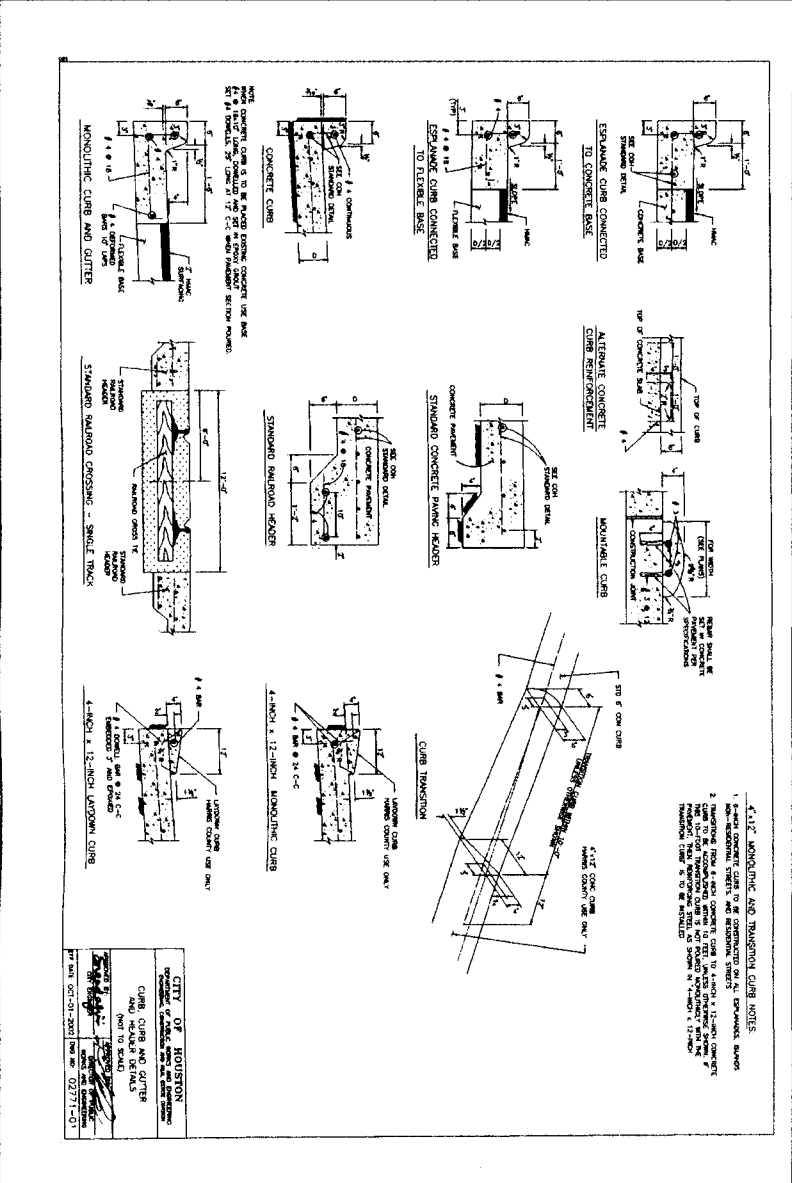
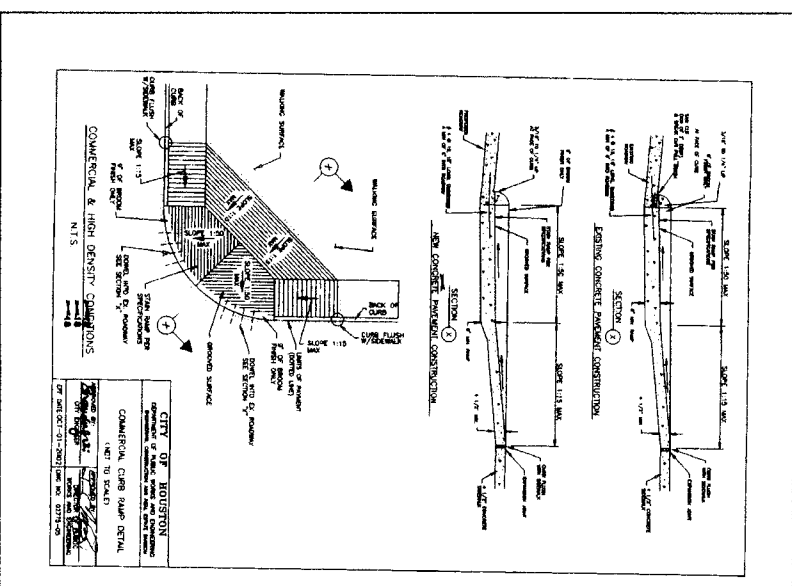
TEO, LLC
5510 Community Drive
Houston, Texas
77005
281-596-5123 OFFICE
713-568-6334 FAX
teoc@tmail.com
FIRM # F-8978

**WAVEMEDIA
TELECOM, LLC.**

EMERGENCY # 1-713-695-0002



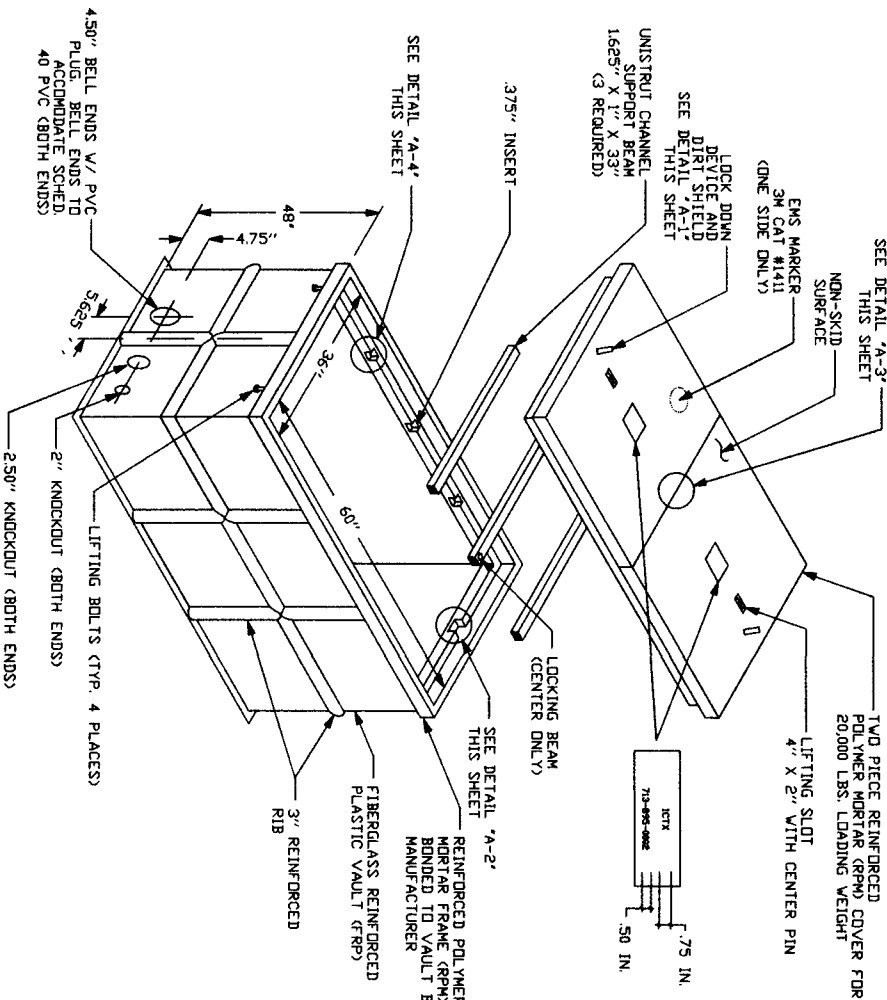
GENERAL CONSTRUCTION DETAILS



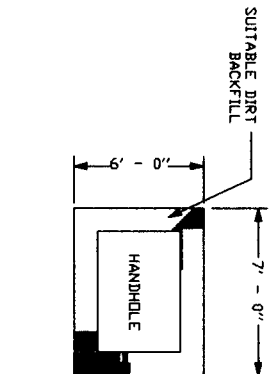
FILE NO.	DATE	5/25/14	FIR FT BEND QUANTY USE ONLY
DRAWING SCALE	DATE	5/25/14	
HDRZ. NTS	DATE	5/25/14	
VERT. NTS	DATE	5/25/14	
SHEET No.	5	OF 6	

3' x 5' x 4' HANDHOLE DETAILS

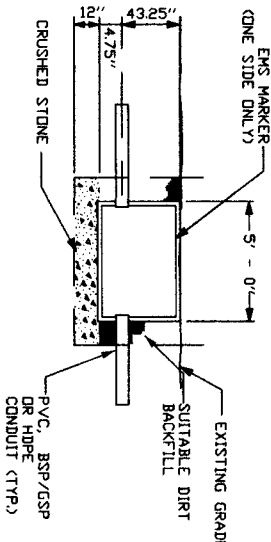
DETAIL "A"
EXPLODED ISOMETRIC DETAIL



PLAN

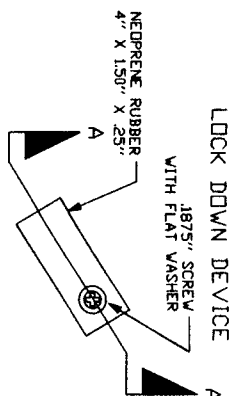


DETAIL "C"
EXCAVATION PIT

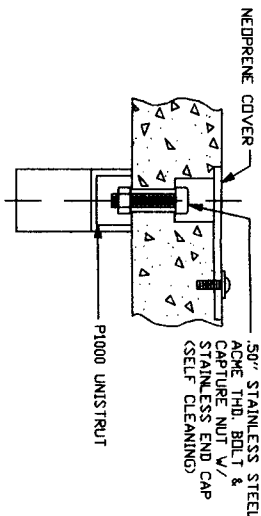


PROFILE

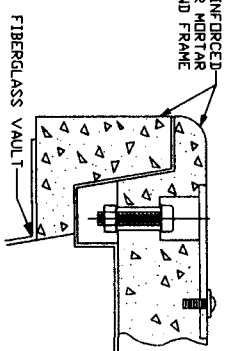
DETAIL "A-1"



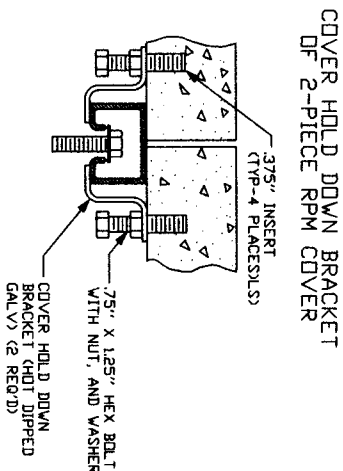
DETAIL "A-2"



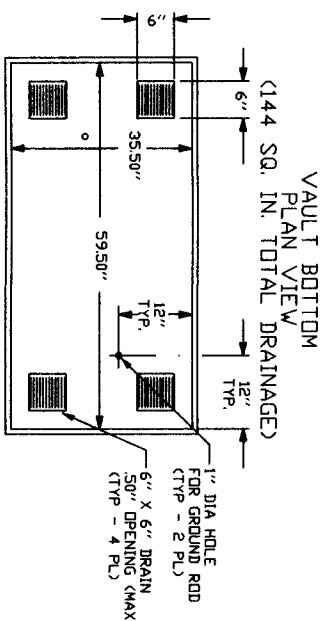
SECTION A-A



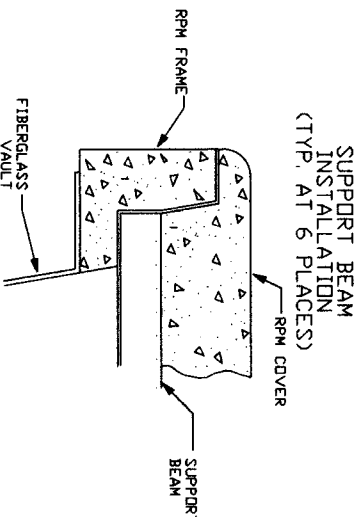
DETAIL "A-3"



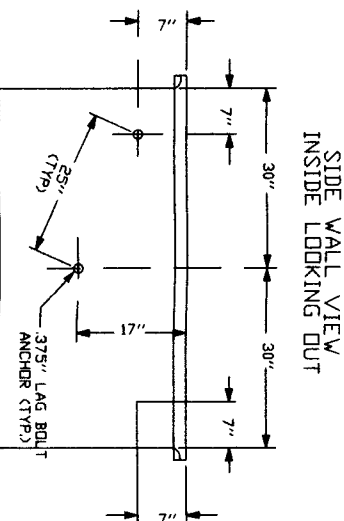
DETAIL "B"



DETAIL "A-4"



DETAIL "D"



- NOTES:
- VOID IN EXCAVATED AREAS TO BE BACKFILLED WITH SELECT MATERIAL.
 - BOTTOM OF EXCAVATED PIT TO BE BACKFILLED WITH 12" OF CRUSHED STONE (.75" GRADE).
 - SHORING WILL BE REQUIRED.
 - THIS HANDHOLE IS OF FIBERGLASS MATERIAL, APPROXIMATELY POUNDS IN WEIGHT. THE LIDS ARE POLYMER CONCRETE MATERIAL, EACH APPROXIMATELY POUNDS.

NOTE:
LINEAR DISTANCE BETWEEN
LAG BOLT ANCHORS MUST
BE 25".

DISCLAIMER

- GENERAL NOTES:
- ALL KNOWN UNDERGROUND UTILITIES HAVE BEEN LOCATED AND REPRESENTED ON MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
 - CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
 - CONTRACTORS RESPONSIBLE FOR PROTECTING EXISTING AND SPOILING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J207309

TEO.LLC

5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
leoic@gmail.com
FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

EMERGENCY # 1-713-895-0002



HANDHOLE DETAIL

FILE NO:	FOR FT BEND COUNTY USE ONLY
DATE:	5/23/14
DRAWING SCALE:	
HORIZ. NTS	
VERT. NTS	
SHEET No:	6 OF 6

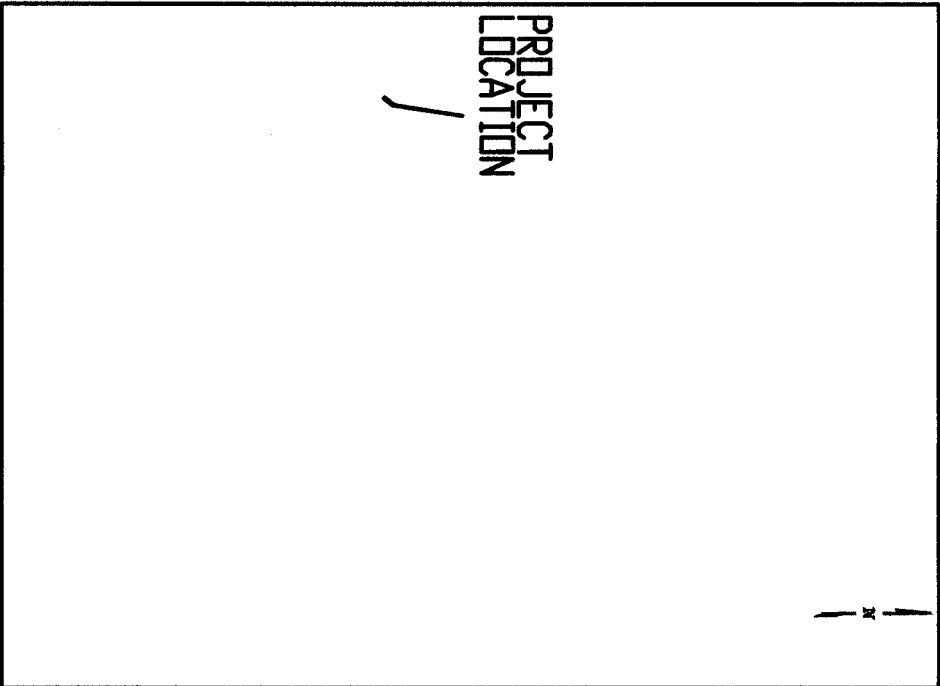


TITLE OF DRAWING	SHT. NO.	STATION
TITLE SHEET	1	
GENERAL NOTES	2	
CONSTRUCTION DRAWING	3	
TRAFFIC CONTROL PLAN	4	
GENERAL CONSTRUCTION DETAIL	5	
HANDHOLE DETAILS	6	

TELECOMMUNICATION CONDUITS
ALONG BRIAR SUMMIT,
BETWEEN FRY & GRAND PARKWAY
FORT BEND COUNTY
TEXAS

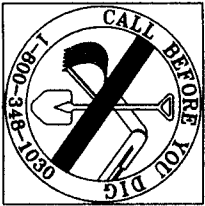
NEW BUILD

VICINITY MAP



KEY MAP#: 485X

ZIP CODE: 77494



*NO KNOWN PROPOSED WASTEWATER WORK IS INVOLVED.
**NO KNOWN PROPOSED DRAINAGE WORK IS INVOLVED.

NOTES: THE CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, ENGINEERING CONSTRUCTION DIVISION (TELEPHONE NO. 713-863-1450) 48 HOURS BEFORE STARTING WORK ON THIS PROJECT		
CINCO RANCH		
JOB NUMBER:		
TEO.LLC 5510 Community Drive Houston, Texas 77005 281-536-5123 OFFICE 713-868-6334 FAX teolk@gmail.com FIRM # F-8978		
WAVEMEDIA TELECOM, LLC.		
SURVEY BY: ICTX F B NO		
SHEET NO 1 OF 6 SHEETS		

CONSTRUCTION NOTES

STORM SEWER CONSTRUCTION NOTES

DISCLAIMER

1. WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE ARE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE DOCUMENTS & STREET PAVING, STANDARD CONSTRUCTION SPECIFICATIONS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING, STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING AND THE INFRASTRUCTURE DESIGN MANUAL, PUBLISHED BY THE CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002

1. ALL UTILITIES PRESENT ON THESE DRAWINGS ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY IN THE FIELD THE EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL NOTIFY TEXAS ONE CALL AT 713-223-4567 AT LEAST 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION.
2. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES TO EXISTING WATER MAINS/UTILITY STORM WATER MAINS/SEWER LINES/POSSIBLE ALL DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S STANDARD CONSTRUCTION SPECIFICATIONS" REFERENCED ABOVE, AT NO COST TO THE CITY OF HOUSTON.
3. CONTRACTOR SHALL NOTIFY THE OFFICE OF THE CITY ENGINEER, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AT 713-863-1450 FOR INSPECTION AT LEAST 48 HOURS PRIOR TO COMMENCING THE CONSTRUCTION.
4. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
5. CONTRACTOR IS TO PRESERVE AND PROTECT EXISTING TREES AND PLANTS FROM FOLDAZE, BRANCH, TRUNK AND ROOT DAMAGE THAT COULD RESULT FROM CONSTRUCTION OPERATIONS AS PER THE CITY OF HOUSTON STREET TREE ORDINANCE AND CITY OF HOUSTON SPECIFICATION 01562. INSIDE OF THE CITY'S EXISTING PAVED PUBLIC ROAD R-0-W-6 AND ANY AFFECT CORNER/L BUILDING LINE SETBACK AREAS.
6. THE CONTRACTOR SHALL COMPLY WITH THE LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.
7. IF THE CONSTRUCTION DOES NOT BEGIN WITHIN A YEAR AFTER THE PLANS HAVE BEEN SIGNED, NEW SIGNATURES MUST BE OBTAINED AND LETTERS OF AVAILABILITY MUST BE UPDATED.
8. CONTRACTOR SHALL PREPARE A SET OF "AS-BUILT" DRAWINGS SHOWING ANY FIELD CHANGES MADE TO THE APPROVED ENGINEERING PLANS AND SUBMIT TO THE DESIGN CONSULTANT FOR SUBMISSION TO CITY ENGINEER.
9. OF ANY CONSTRUCTION, 5. A 2" SEPARATION BETWEEN CITY OF HOUSTON FACILITIES AND OTHER UTILITIES WILL BE MAINTAINED.
6. CONDUIT CABS WILL BE PLACED ON THE ENDS OF ALL VACANT DUCTS DURING CONSTRUCTION, UPON COMPLETION, AND WHILE AWAITING FIBER INSTALLATION.
7. INSTAL THREE 3 - 1.25" HOPE AS SHOWN ON DRAWING
8. THE MINIMUM BENDING RADIUS FOR FIBER CABLE WILL BE 24" MAXIMUM CABLE INSTALLATION TENSION SHALL NOT EXCEED 600 POUNDS. A 600 POUND BREAKAWAY SWIVEL WILL BE USED DURING PULLING.
10. THE REMOVAL AND STORAGE OF ALL SHRUBBERY TO BE REPLACED IS THE RESPONSIBILITY OF THE CONTRACTOR.
11. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING THE CONSTRUCTION AREA TO ORIGINAL OR BETTER CONDITION.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION AS-BUILT DRAWINGS AND PRESENT A COMPLETE SET OF RED-LINED DRAWINGS TO TREES AND THE CITY OF HOUSTON WITHIN 14 DAYS OF COMPLETION OF THE WORK.
13. THE FLOOR SHALL BE DEMARKED TO MORE THAN SIX (6) INCHES ABOVE THE FLOOR FINISH TO INDICATE THE EXCAVATION DEPTH.
14. PLACE AT LEAST EIGHT (8) INCHES OF CRUSHED ROCK IN THE BOTTOM OF HANDHOLE FIRST PRIOR TO PLACING THE WIRE MESH (2 SQUARES PER INCH) AND THE HANDHOLE.
15. PLACE 100 FEET FIBER SLACK COIL IN EACH HANDHOLE/MANHOLE.
16. BURNED POWER LINES: HAND DIG AS REQUIRED.
17. BURNED FIBER OPTIC TELEPHONE CABLES: HAND DIG AS REQUIRED.
18. BURNED GAS CABLES: HAND DIG AS REQUIRED.
19. BURNED GAS LINES: HAND DIG AS REQUIRED.
20. BORE OUTSIDE THE DRIP LINE OF ALL TREES TO PREVENT ROOT DAMAGE (CIRCULAR ROOT ZONE).
21. WHEN TREENING, BORE IF A TREE ROOT OF 1" DIAMETER OR LARGER IS ENCOUNTERED.
22. WHEN EXCAVATING, IF DAMAGED, RIGHT OF WAY (ROW) LINES CONCIDE WITH THE BACK OF SIDEWALK.
23. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. CALL TEXAS ONE CALL AT 1-800-245-4545.

UNDERGROUND GAS FACILITIES

1. EXCAVATIONS, BORING WILL BE UTILIZED WHEREVER POSSIBLE. ALL EXCAVATIONS WILL BE BACKFILLED PER CITY, DOT, AND COUNTY SPECIFICATIONS.
2. FIBER OPTIC WARNING TAPE WILL BE PLACED 12" BELOW THE EXISTING GRADE IN ALL EXCAVATIONS.
3. VERIFICATION OF THE LOCATION OF EXISTING UTILITY CROSSING IS THE RESPONSIBILITY OF THE CONTRACTOR. HAND DIGGING WILL BE UTILIZED WHERE REQUIRED.
4. CALL THE LOCAL UTILITY ONE-CALL AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION.
5. A 12" SEPARATION BETWEEN CITY OF HOUSTON FACILITIES AND OTHER UTILITIES WILL BE MAINTAINED.
6. EXISTING CABLES WILL BE PROTECTED ON THE ENDS OF ALL VACANT DUCTS DURING CONSTRUCTION, UPON COMPLETION, AND WHILE MAINTAINING FIBER CONNECTION.
7. INSTALL THREE 3 - 1.25" X 1.25" HOPE AS SHOWN ON DRAWING.
8. THE MINIMUM BENDING RADIUS FOR FIBER CABLE WILL BE 24" POLYDAS. A 600 POUND BREAKAWAY SWIVEL WILL BE USED DURING PULLING.
9. THE REMOVAL AND STORAGE OF ALL SPRINGER TO BE REDUCED IS THE RESPONSIBILITY OF THE CONTRACTOR.
10. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING THE CONSTRUCTION AREA TO ORIGINAL OR BETTER CONDITION.
11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION AS-BUILT DRAWINGS AND PRESENT A COMPLETE SET OF RED-LINED DRAWINGS TO TYPES AND THE CITY OF HOUSTON WITHIN 14 DAYS OF COMPLETION OF THE WORK.
12. CONDUITS WILL BE TERMINATED NO MORE THAN SIX (6) INCHES ABOVE THE FLOOR GRADE IN HANDHOLES.
13. PLACE AT LEAST EIGHT (8) INCHES OF CRUSHED RICE IN THE BOTTOM OF HANDHOLE FIRST PRIOR TO PLACING THE WIRE MESH (2 SQUARE FEET) AND THE HANDHOLE.
14. PLACE 100 FEET FIBER STRAP COIL IN EACH HANDHOLE/HANDHOLE.
15. BORED POWER LINES: HAND DIG AS REQUIRED.
16. BORED FIBER OPTIC TELEPHONE CABLES: HAND DIG AS REQUIRED.
17. BORED CANY CABLES: HAND DIG AS REQUIRED.
18. BORED CANY CABLES: HAND DIG AS REQUIRED.
19. BORED CANY CABLES: HAND DIG AS REQUIRED.
20. BORED CANY CABLES: HAND DIG AS REQUIRED.
21. DAMEE (CRITICAL ROOT ZONE)
22. WHEN BENCHING, BORE IF A TREE ROOT OF 1" DIAMETER OR LARGER IS ENCOUNTERED.
23. UNLESS OTHERWISE INDICATED, RIGHT OF WAY (ROW) LINES COINCIDE WITH THE BACK OF SIDEWALK.
24. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. CALL TEXAS ONE CALL AT 1-800-245-5453.

SWPPP CONSTRUCTION NOTES

1. STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE (C-76, CLASS III) AND SHALL BE INSTALLED, BEDDED AND BACKFILLED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAINAGE NOS. 02317-02, 02317-03, 02317-04, 02317-06, AND 20317-07 (OCT. 2002) AS APPLICABLE UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
2. ALL STORM SEWERS CONSTRUCTED IN SIDE LOT EASEMENT SHALL BE R.C.C. (C76, CLASS III) AND SHALL BE BEDDED IN ACCORDANCE WITH THE CITY HOUSTON DRAINAGE NOS. 02317-02, 02317-03, 02317-04, 02317-06, AND 20317-07 AS APPLICABLE.
3. ALL SEWERS UNDER PROPOSED OR FUTURE PAVEMENT AND TO A POINT ONE (1) FOOT OR MORE BELOW FINISHED GRADE SHALL BE BEDDED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAINAGE NOS. 02317-02, 02317-03, 02317-04, 02317-06, AND 20317-07 AS APPLICABLE.
4. ALL TRENCH BACKFILLS SHALL BE IN 6" LIFTS, WITH TEST TAKEN AT 10' FOOT INTERVALS ON EACH LOT AND MECHANICALLY COMPACTED TO A DENSITY OF NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST (ASTM D-698/MASTRO 799).
5. CURBULAR AND ELIPTICAL REINFORCED CONCRETE PIPE SHALL BE INSTALLED USING RUBBER GASKET JOINTS CONFORMING TO ASTM C443 AND ASTM C377 RESPECTIVELY.
6. ALL STORM SEWER PIPES AND INLET LEADS SHALL BE 24-INCH AND LARGER R.C.P. (C-76, CLASS III).
7. ALL PROPOSED PIPE STUD-OUTS FROM MANHOLE AND INLETS ARE TO BE PLUGGED WITH 8" BRICK WALLS UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL PROVIDE 12" MINIMUM CLEARANCE AT STORM SEWER AND WATER CROSSESS.
9. ALL MANHOLE COVERS TO GRADE CONFORMING TO REQUIREMENTS OF SECTION 02080-HOUSTING MANHOLES, INLETS AND VALVE BOXES TO GRADE.
10. THE CONSTRUCTION SHALL BE RESPONSIBLE FOR PROTECTING, MAINTAINING, AND RESTORING ANY BACK SLOPE DRAINAGE SYSTEM DAMAGED AS RESULT OF HIS WORK.
11. ALL DITCHES SHALL BE REGRADED TO PROPOSED ELEVATIONS TO INSURE PROPER DRAINAGE. ALL DITCHES SHALL BE PROPERLY BACKFILLED AND COMPACTED. ALL DISTURBED AREAS SHALL BE REGRADED, SEEDED, AND FERTILIZED.
12. ALL DRAINWAYS WILL BE LOCATED TO AVOID EXISTING CURB INLET STRUCTURES.

STREET AND BRIDGE NOTES:

1. EXISTING PAVEMENT, CURBS, SIDEWALKS, AND DRIVEWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED TO CITY OF HOUSTON STANDARDS.
2. WHEEL CHAIR RAMPS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON STANDARDS AT ALL INTERSECTIONS WHERE EXISTING CURB OR SIDEWALK IS DAMAGED OR REMOVED DURING CONSTRUCTION.
3. PRIOR TO STREET CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AT 713-535-7579 OR 713-535-7582 AND COMPLY WITH ALL REQUIREMENTS FOR THE ISSUANCE OF THE NECESSARY PERMITS / WORK ORDERS FOR STREET CONSTRUCTION.

SBC FACILITIES

1. THE LOCATIONS OF SGC FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CALL 1-800-344-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF SGC FACILITIES, ALL EXCAVATION MUST BE ACCOMPANIED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE SGC FACILITIES.
4. WHEN SGC FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES, THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.

NOTE: ALL CONTRACTORS MUST SECURE "LANE/STREET CLOSURE PERMITS" FROM THE CITY'S DEPARTMENT OF PLANNING/DEVELOPMENT AND ENGINEERING BEFORE CLOSING A LANE, STREET OR SIDEWALK. THE REQUEST MUST BE MADE AT LEAST THREE BUSINESS DAYS PRIOR TO THE DATE FOR WHICH THE CLOSURE IS SOUGHT. NOTE THAT WORKING HOURS MAY BE RESTRICTED OR THE REQUEST MAY BE DENIED. CALL (713) 837-7280 FOR AN APPLICATION

NOTE: NOTIFICATIONS ISSUED BY HARRIS COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT - ARCHITECTURE AND ENGINEERING DIVISION - PERMIT OFFICE - REQUIRED PRIOR TO CONSTRUCTION OF UTILITIES OR LEFT TURN LANES WITHIN HARRIS COUNTY AND HARRIS COUNTY FLOOD CONTROL DISTRICT RIGHTS-OF-WAY. CONTACT HARRIS COUNTY PERMIT OFFICE (713) 316-3590

- A) CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY REGULATION OF HARRIS COUNTY TEXAS FOR FLOOD PLAN MANAGEMENT PRIOR TO STARTING CONSTRUCTION.
- B) OWNER TO OBTAIN ALL PERMITS REQUIRED BY HARRIS COUNTY, TEXAS PRIOR TO STARTING CONSTRUCTION OF UTILITY AND/OR CULVERTS WITHIN HARRIS COUNTY ROAD RIGHT OF WAY.

WARNING: OVERHEAD ELECTRICAL FACILITIES

THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

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. TEXAS LAW, SECTION 752, HEALTH AND SAFETY CODE, PROVIDES THAT ANY PERSON WHO KNOWS OR REASONABLY SHOULD KNOW OF THE EXISTENCE OF SUCH VOLTAGE LINES, AND YET FAILS TO TAKE REASONABLE STEPS TO AVOID CAUSING DAMAGE TO OR DEATH OR INJURY TO ANOTHER PERSON, IS GUILTY OF A CRIME. A CONTRACTOR, OR ANY OTHER PERSON, IS USUALLY RESPONSIBLE FOR THE CONSTRUCTION WORKERS UNDER THIS LAW. THIS CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO ARRANGE FOR LINES TO BE TURNED OFF OR REMOVED, CALL CENTREPOINT ENERGY AT 713-207-2222.

TRENCH SAFETY SYSTEMS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREPARE SHOP DRAWINGS FOR THE "TRENCH SAFETY SYSTEM" AS REQUIRED BY O.S.H.A. BY A LICENSED PROFESSIONAL ENGINEER RETAINED AND PAID BY THE CONTRACTOR.

FIRM FLOOD INSURANCE RATE MAP

PANEL 0420L OF 1150
MAP# 48201C0420L

MAP REVISED JUNE 18, 2007

**WAVEMEDIA
TELECOM, LLC.**

TEO.LLC
5510 Community Drive
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281-536-5123 OFFICE
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teoic@gmail.com
FIRM # F-8978

281-536-5123 OFFICE
713-668-6334 FAX
teoflc@gmail.com
FIRM # F-8978

FIRM # F-8978

EMERGENCY# 1-713-895-0002



GENERAL NOTES

1. THE LOCATIONS OF SRC FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CALL 1-800-344-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF SRC FACILITIES, ALL EXCAVATION MUST BE ACCOMPISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE SRC FACILITIES.
4. WHEN SRC FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES, THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.

FILE NO.	
DATE:	5/23/14
DRAWING SCALE:	
HORIZ. NTS	
VERT. NTS	
SHEET NO.	2 OF 6

DISCLAIMER

GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM FIELD NOTES AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR FORTHCOMING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J20XXXXX

TOTALS

FIBER THIS SHEET: 170
FIBER CUMULATIVE: -
STATIONING 0+00-END
CONDUIT 170 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	170' EA
BURIED CABLE MARKER	2
HANDHOLE/BOREHOLE/RISER	1/1/2

TEO.LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
tedc@gmail.com
FLPM # F-8978



EMERGENCY# 1-713-895-0002

ICITX WAVEMEDIA, LLC.

PRIVATE UTILITY LINES SHOWN AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET ROW, OR EASEMENTS CALL THE LONE STAR NOTIFICATION 713-223-1587.

CallPoint Energy/Drainage Facilities Date:

CallPoint Energy/Drainage Facilities Date:

CallPoint Energy/Drainage Facilities Date:

CallPoint Energy/Drainage Facilities Date:

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

FORT BEND COUNTY

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

WATER TRAFFIC & TRANSPORTATION

WASTEWATER STORM WATER QUALITY

STORM FACILITIES

STREET & BRIDGE

DATE: 04/13/2014 FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE: 1" = 20'

NOTE: 1" = 02'

SHEET No. 3 OF 6

DISCLAIMER

GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM FIELD NOTES AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR FORTHCOMING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J20XXXXX

TOTALS

FIBER THIS SHEET: 170
FIBER CUMULATIVE: -
STATIONING 0+00-END
CONDUIT 170 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	170' EA
BURIED CABLE MARKER	2
HANDHOLE/BOREHOLE/RISER	1/1/2

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EMERGENCY# 1-713-895-0002

ICITX WAVEMEDIA, LLC.

PRIVATE UTILITY LINES SHOWN AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET ROW, OR EASEMENTS CALL THE LONE STAR NOTIFICATION 713-223-1587.

CallPoint Energy/Drainage Facilities Date:

CallPoint Energy/Drainage Facilities Date:

CallPoint Energy/Drainage Facilities Date:

CallPoint Energy/Drainage Facilities Date:

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

FORT BEND COUNTY

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

WATER TRAFFIC & TRANSPORTATION

WASTEWATER STORM WATER QUALITY

STORM FACILITIES

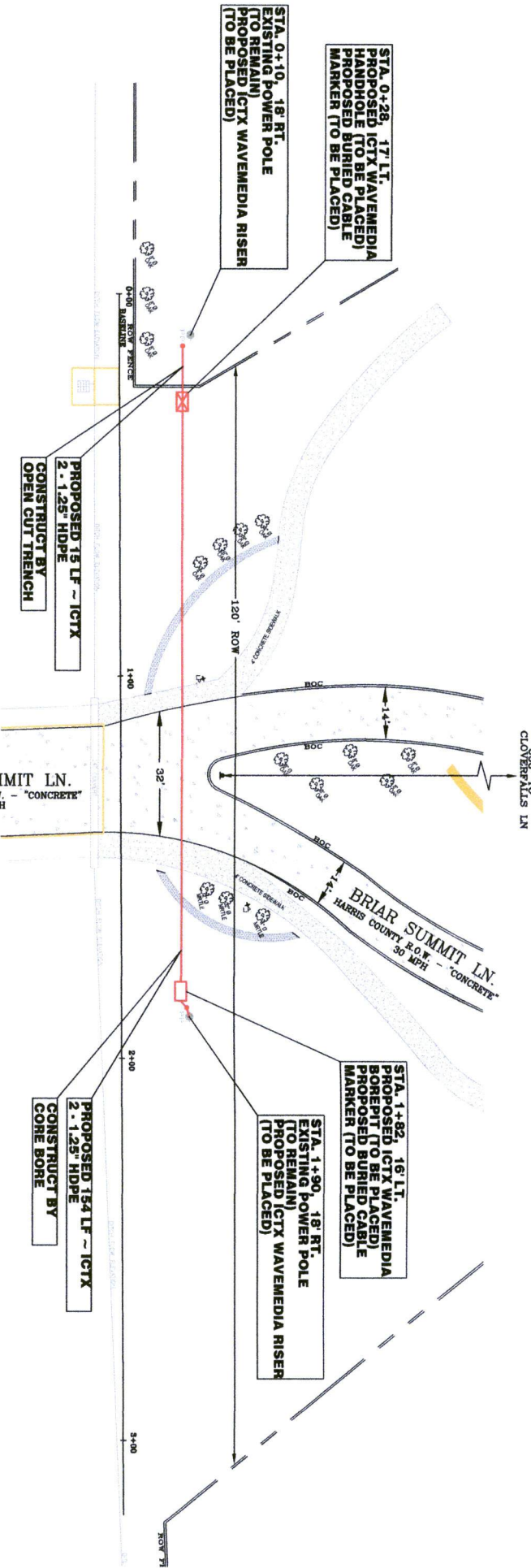
STREET & BRIDGE

DATE: 04/13/2014 FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE: 1" = 20'

NOTE: 1" = 02'

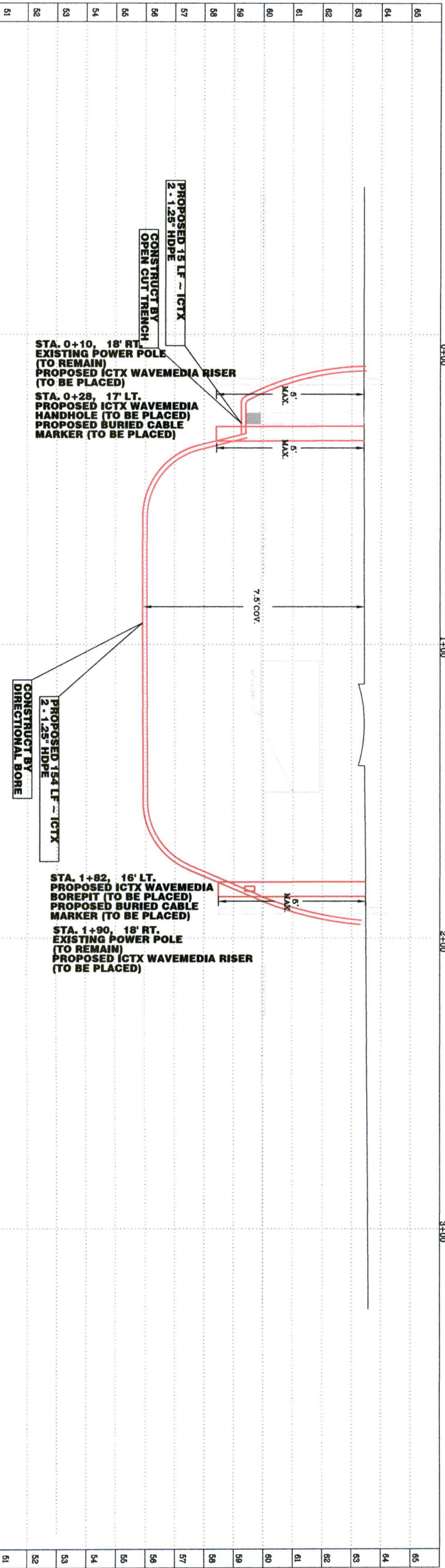
SHEET No. 3 OF 6



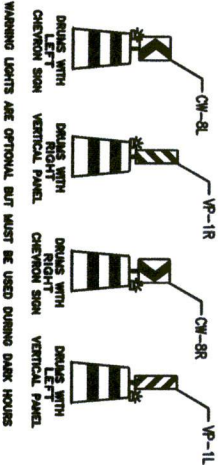
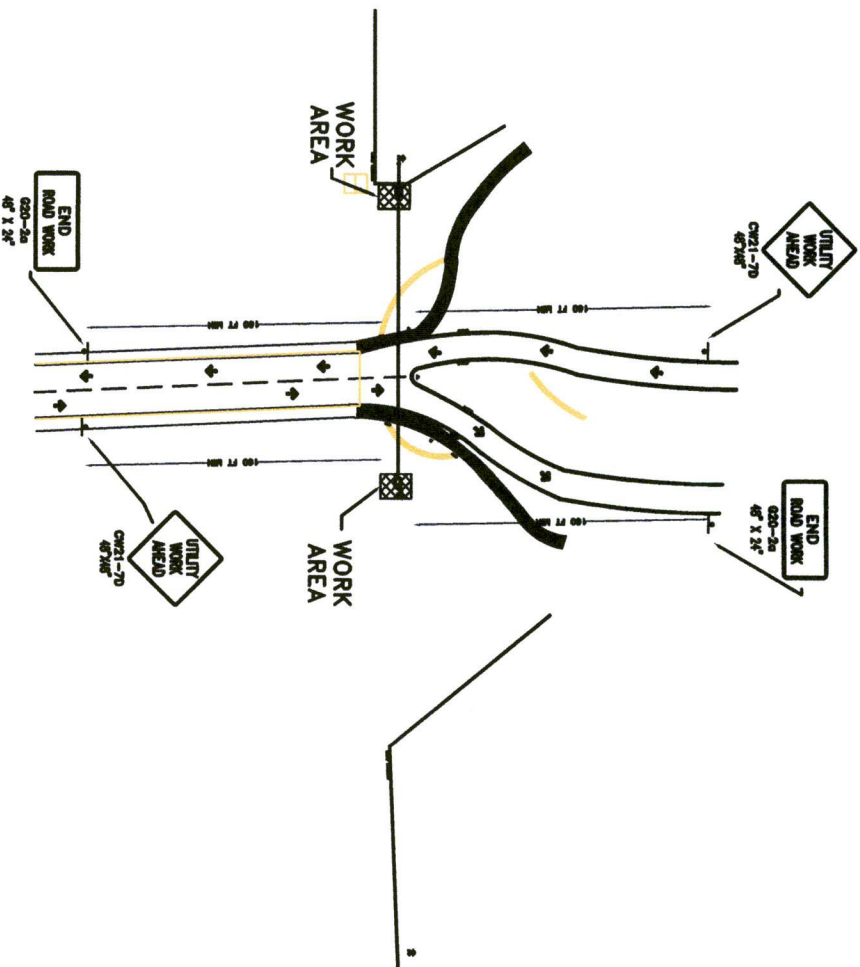
NOTE:
THIS APPROVAL IS FOR CONSTRUCTION UTILITIES ALONG /
SIDE AND JACK METHOD ONLY. THE ANY REGION, 7' DEPTH
OF THE UNDERGROUND UTILITIES SHALL BE MAINTAINED
TYPICAL. SHEET SHALL BE SUBMITTED FOR REVIEW AT LEAST
48 HOURS IN ADVANCE BEFORE STARTING CONSTRUCTION. THESE
RESTRICTIONS TYPICAL SHALL BE BROWN ON WHITE, SEALED,
SIGNED AND DATED BY A PROFESSIONAL ENGINEER IN THE STATE
OF TEXAS.

NOTE:
THE LOCATIONS OF SOUTHWESTERN BELL, TELEPHONE COMPANY
UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE
CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE
EXISTING UTILITIES. ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THIS
FAILURE TO EXACTLY LOCATE AND PRESERVE THESE
UNDERGROUND UTILITIES.

PROFILE
HOUSTON TEXAS



WARNING SIGNS ALONG MAJOR ROAD
APPLY TO STATIONS 0+00 – END (ALONG BRIAR SUMMIT–NORTHBOUND)



FORT BEND COUNTY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
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 (TEXAS MUTCD, MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION.
- 2 - NO LANES SHALL BE CLOSED DURING CONSTRUCTION.
- 3 - CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOUR AND OPEN LANES FOR NORMAL TRAFFIC FLOW.
- 4 - IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF TRAFFIC CONTROL PLANS DURING THE CONSTRUCTION THAN WHAT IS OUTLINED IN THE CONTRACT DRAWINGS, HE/SHE SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT AN ALTERNATIVE SET REPRODUCIBLE MYLARS, SEALED AND SIGNED BY A LICENSED ENGINEER IN THE STATE OF TEXAS, WITH THE ENTIRE APPROVED SET OF DRAWINGS, TO HOLD TRAFFIC SECTION FOR REVIEW AND APPROVAL, TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
- 5 - APPROVED COPIES OF THE TRAFFIC CONTROL PLANS AND LANE CLOSURE PERMITS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.
- 6 - CONTRACTOR SHALL MAINTAIN LOCAL DRIVEWAY ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES ADJACENT TO WORK AREA AT ALL TIMES.
- 7 - CONTRACTOR SHALL NOTIFY FIRE, POLICE, METROPOLITAN TRANSIT AUTHORITY, AND SCHOOLS FIVE (5) WORKING DAYS PRIOR TO IMPLEMENTATION FOR TRAFFIC CONTROLS.
- 8 - IF THE PROJECT IS WITHIN 400 FT FROM A SIGNALIZED INTERSECTION, THE CONTRACTOR SHALL CONTACT FT BEND COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT, SIGNAL DIVISION AT () TO THE START OF CONSTRUCTION, FIVE (5) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

- LEGENDS:**
- WORK AREA
 - ROAD/LANE CLOSED AREA
 - DRUMS WITH LEFT CHEVRON SIGN
 - DRUMS WITH RIGHT VERTICAL PANEL
 - DRUMS WITH RIGHT CHEVRON SIGN
 - DRUMS WITH LEFT VERTICAL PANEL
 - PLASTIC DRUMS
 - 28" TUBULAR MARKERS
 - 28" TRAFFIC CONES
 - TRAFFIC CONSTRUCTION SIGNS
 - TYPE III BARRICADE WITH 2 TYPE "A" WARNING LIGHTS
 - LAW OFFICER
 - FLADGER
 - FLASHING ARROW PANEL
 - DIRECTION OF TRAFFIC FLOW

JOB NUMBER: J207309

TEO, LLC
5510 Community Drive
Houston, Texas
77005
281-536-5123 OFFICE
713-668-6334 FAX
teo@teo.com

FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

EMERGENCY# 1-713-895-0002

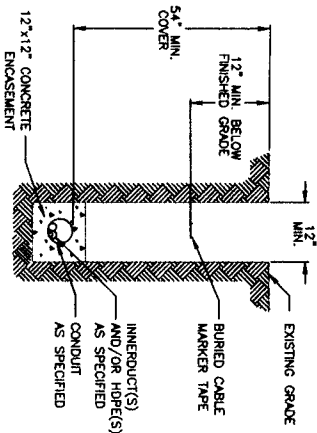


TRAFFIC CONTROL PLAN

FILE NO.	FOR FORT BEND COUNTY USE ONLY
DATE: 5/25/14	
DRAWING SCALE:	
HORIZ: 1" = 50'	
VERT: NTS	
SHEET No. 4 OF 6	

TYPICAL DETAIL "B" INDUSTRY STANDARD

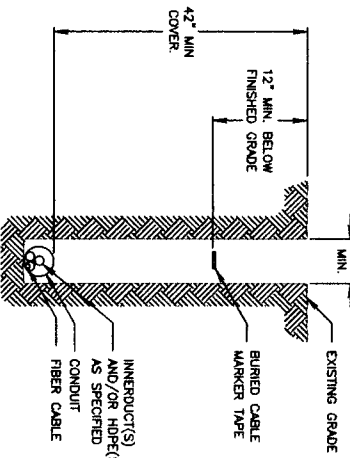
12"x12" CONCRETE ENCASMENT



NOTE:
BACKFILL MUST BE MADE WITH ROCK FREE MATERIAL.

TYPICAL DETAIL "A" INDUSTRY STANDARD

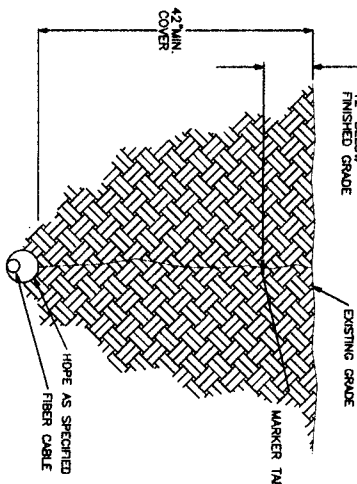
CONDUIT(S), HOPE(S) OR DIRECT BURIED CABLE.



NOTE:
BACKFILL MUST BE MADE WITH ROCK FREE MATERIAL.

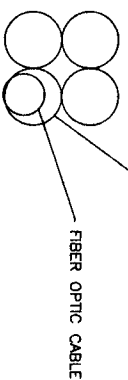
TYPICAL DETAIL "C" INDUSTRY STANDARD

DIRECT BURIED HOPE OR FIBER CABLE



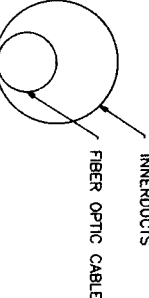
INDUSTRY STANDARD
TYPICAL DETAIL "D"

CROSS SECTION OF INNERDUCTS
AND/OR HOPE(S) AS SPECIFIED



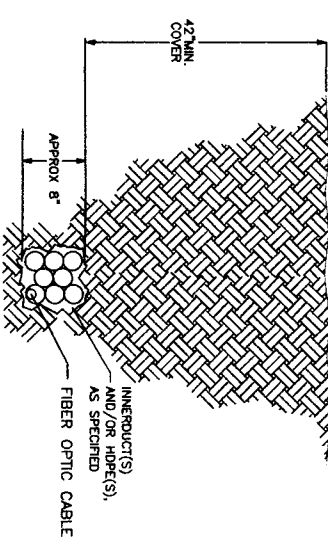
INDUSTRY STANDARD
TYPICAL DETAIL "E"

HOPE WITH CABLE CROSS SECTION



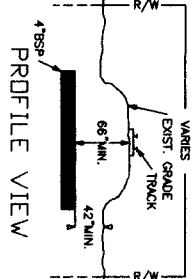
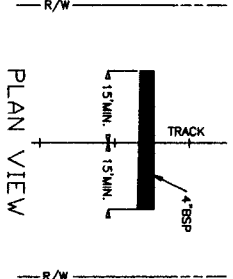
TYPICAL DETAIL "H" INDUSTRY STANDARD

DIRECTIONAL BORE HOPE OR FIBER CABLE



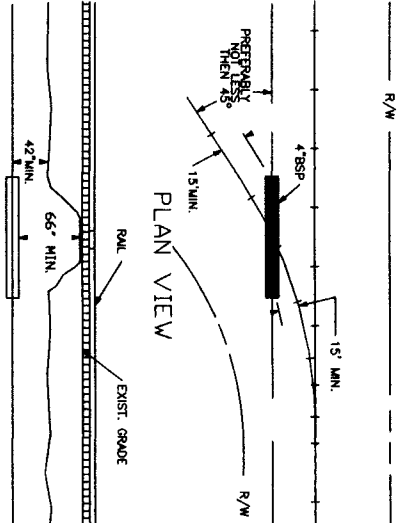
INDUSTRY STANDARD
TYPICAL DETAIL "F"

JACK AND BORE MAIN TRACK



INDUSTRY STANDARD
TYPICAL DETAIL "G"

JACK AND BORE AUXILIARY TRACK



INDUSTRY STANDARD
TYPICAL DETAIL "G"

JACK AND BORE AUXILIARY TRACK

GENERAL CONSTRUCTION DETAILS



TEO .LLC
5510 Community Drive
Houston, Texas
77005
281-536-5123 OFFICE
713-668-6334 FAX
leo@icix.com
FIRM # F-8978

EMERGENCY # 1-713-895-0002

DISCLAIMER
GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNDERGROUND SERVICE ALERT AT 1-800-244-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POtholing, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

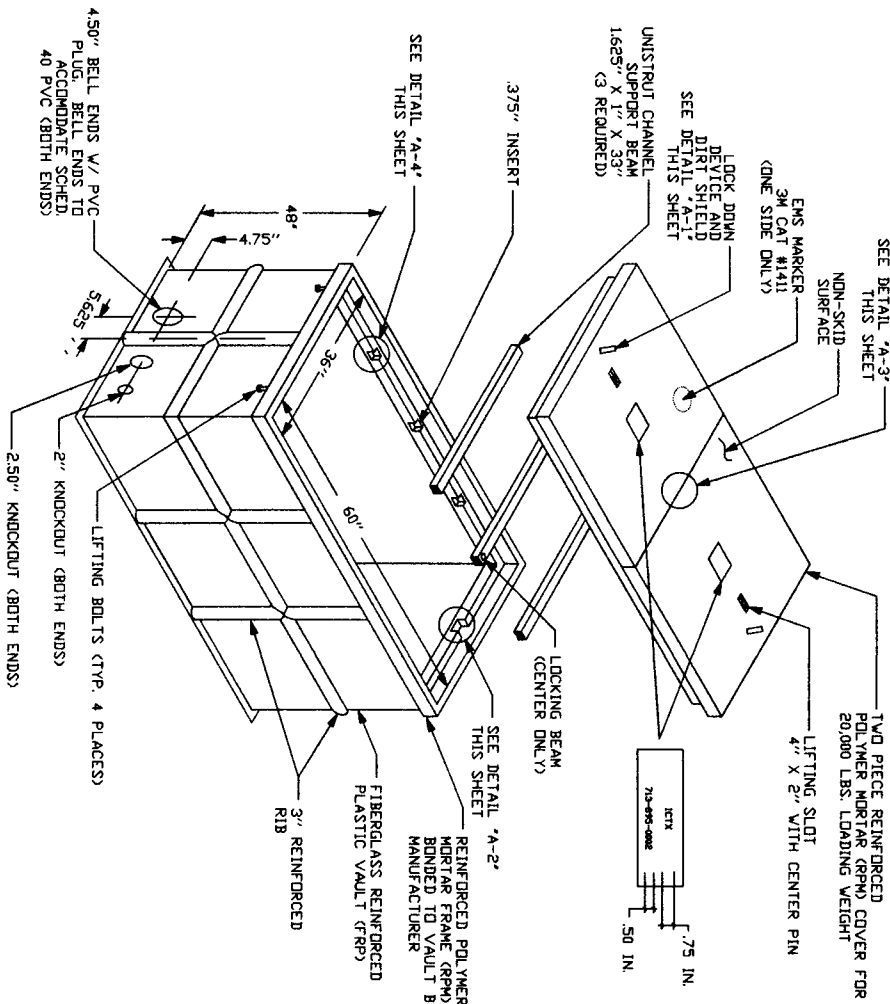
JOB NUMBER:

FILE NO.
DATE: 5/25/14
DRAWING SCALE:
HORIZ. NTS
VERT. NTS

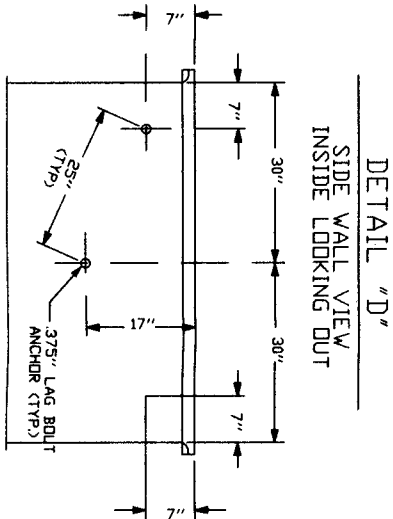
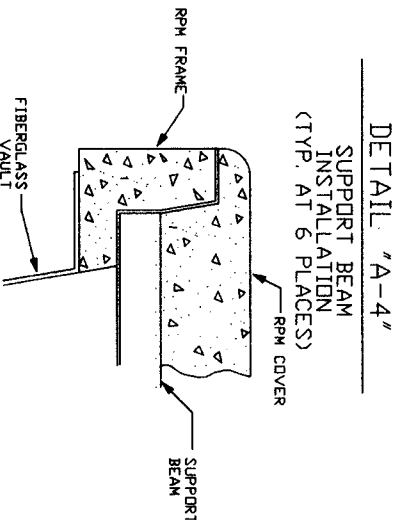
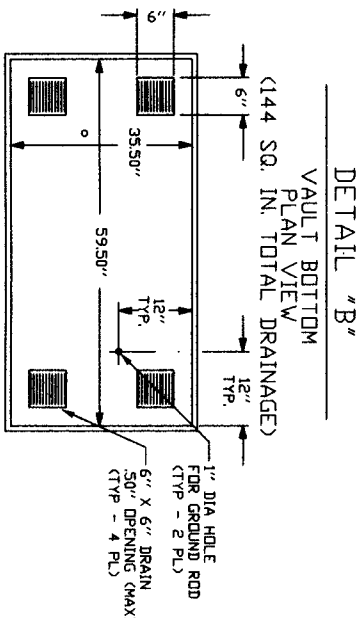
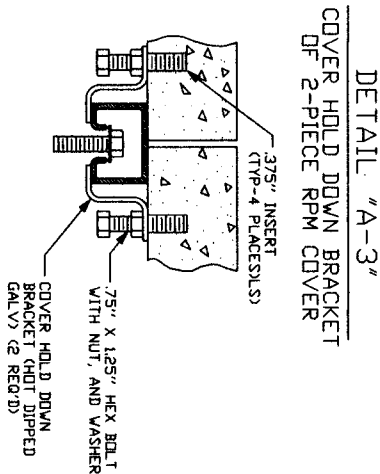
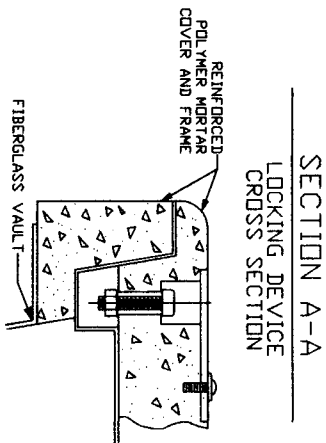
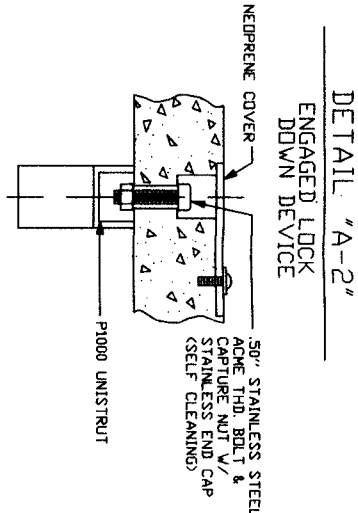
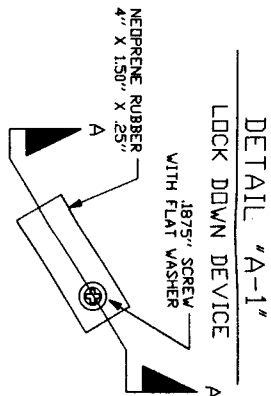
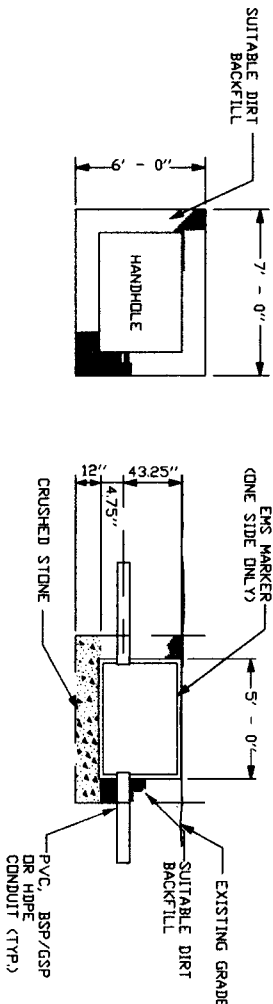
SHEET
No. 5 OF 6

3' x 5' x 4' HANDHOLE DETAILS

DETAIL "A"
EXPLODED ISOMETRIC DETAIL



DETAIL "C"
EXCAVATION PIT
PLAN
PROFILE



- NOTES:
1. VOID IN EXCAVATED AREAS TO BE BACKFILLED WITH SELECT MATERIAL.
 2. BOTTOM OF EXCAVATED PIT TO BE BACKFILLED WITH 12" OF CRUSHED STONE (.75" GRADE).
 3. SHORING WILL BE REQUIRED.
 4. THIS HANDHOLE IS OF FIBERGLASS MATERIAL, APPROXIMATELY 100 LBS IN WEIGHT. THE LIDS ARE POLYMER CONCRETE MATERIAL, EACH APPROXIMATELY 100 LBS.

NOTE:
LINEAR DISTANCE BETWEEN
LAG BOLT ANCHORS MUST
BE 25".

DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES OR MINES LOCATIONS SHALL BE PRESERVED AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
 2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS FOR PROTECTING EXISTING AND ADJACENT UNDERGROUND STRUCTURES.

JOB NUMBER: J207309

TEO LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
leoic@gmail.com
FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

EMERGENCY # 1-713-895-0002



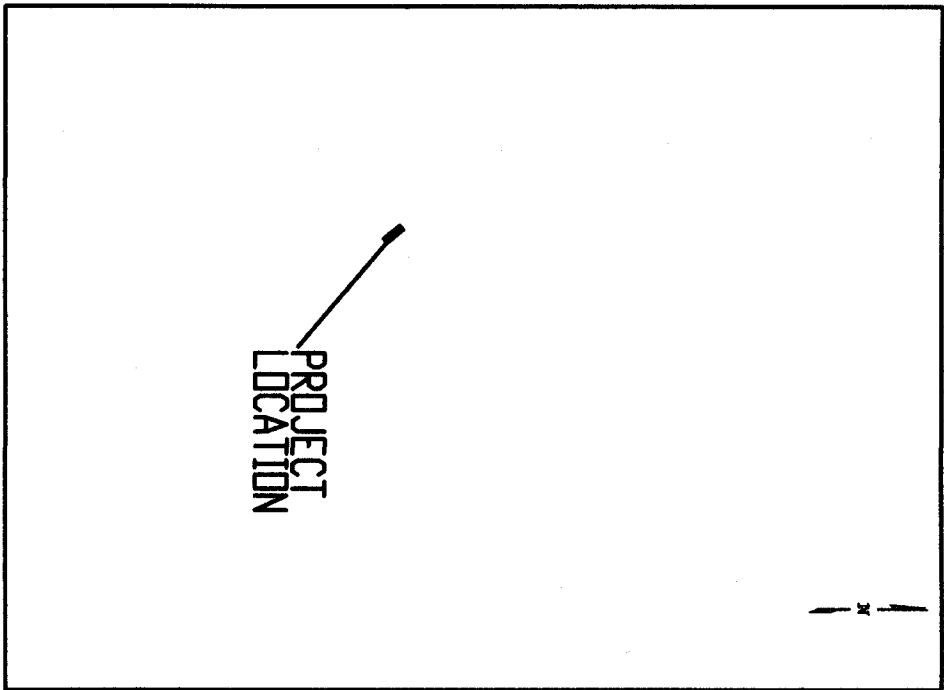
HANDHOLE DETAIL

FILE NO.	FOR FT BEND COUNTY USE ONLY
DATE: 5/23/14	
DRAWING SCALE:	
HORIZ: NTS	
VERT: NTS	
SHEET No. 6 OF 6	

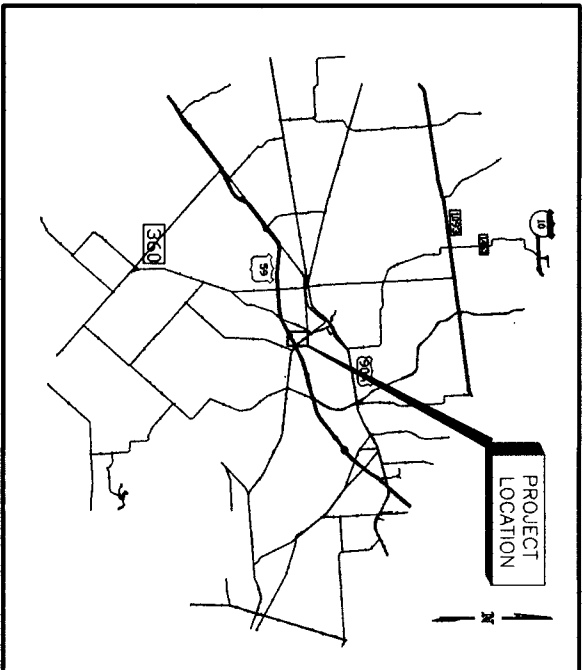


TELECOMMUNICATION CONDUITS
ALONG SPRING WALK DR.
BETWEEN PAVILION PARK CIR & PEEK RD
FORT BEND COUNTY
TEXAS

NEW BUILD



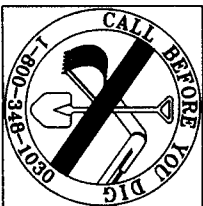
VICINITY MAP



LOCATION MAP

KEY MAP#: 525C

ZIP CODE: 77494



*NO KNOWN PROPOSED WASTEWATER WORK IS INVOLVED.
**NO KNOWN PROPOSED DRAINAGE WORK IS INVOLVED.

TITLE OF DRAWING	SHT. NO.	STATION
TITLE SHEET	1	
GENERAL NOTES	2	
CONSTRUCTION DRAWING	3	
TRAFFIC CONTROL PLAN	4	
GENERAL CONSTRUCTION DETAIL	5	
HANDHOLE DETAILS	6	

NOTES: THE CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, ENGINEERING CONSTRUCTION DIVISION (TELEPHONE NO. 713-863-1450) 48 HOURS BEFORE STARTING WORK ON THIS PROJECT	
CINCO RANCH	spring walk
JOB NUMBER:	
TEO .LLC 5510 Community Drive Houston, Texas 77005 281-536-5123 OFFICE 713-668-6334 FAX teolc@gmail.com FIRM # F-8978	
WAVEMEDIA TELECOM, LLC.	
SURVEY BY: ICITX	
F B NO.	
SHEET NO 1 OF 6 SHEETS	

GENERAL CONSTRUCTION NOTES:

1. WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE ARE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE DOCUMENTS & STREET PAVING-STANDARD CONSTRUCTION SPECIFICATIONS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING. STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING AND THE INFRASTRUCTURE DESIGN MANUAL, PUBLISHED BY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002.
2. ALL UTILITIES PRESENT ON THESE DRAWINGS ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY IN THE FIELD THE EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION. CONSTRUCTION SHALL NOTIFY THE CITY OF HOUSTON, CALL 713-223-4567 AT LEAST 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION.
3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES TO EXISTING WATER, WASTEWATER, STORM, WATER LINES AND TRAFFIC CONTROL DEVICES. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S STANDARD CONSTRUCTION SPECIFICATIONS* REFERENCED ABOVE, AT NO COST TO THE CITY OF HOUSTON.
4. CONTRACTOR SHALL NOTIFY THE OFFICE OF THE CITY ENGINEER, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AT 713-983-1450 FOR INSPECTION AT LEAST 48 HOURS PRIOR TO COMMENCING THE CONSTRUCTION.
5. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
6. CONTRACTOR IS TO PRESERVE AND PROTECT EXISTING TREES AND PLANTS FROM FOLiage, BRANCH, TRUNK AND/OR ROOT DAMAGE THAT COULD RESULT FROM CONSTRUCTION OPERATIONS AS PER THE CITY OF HOUSTON STREET TREE ORDINANCE AND CITY OF HOUSTON SPECIFICATION 01562, INSIDE OF THE CITY'S EXISTING PAVED PUBLIC ROAD R-0-48 AND ANY AFFECT COMMERCIAL BUILDING LINE SETBACK AREAS.
7. THE CONTRACTOR SHALL COMPLY WITH THE LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.
8. IF THE CONSTRUCTION DOES NOT BEGIN WITHIN A YEAR AFTER THE PLANS HAVE BEEN SIGNED, NEW SIGNATURES MUST BE OBTAINED AND LETTERS OF AVAILABILITY MUST BE UPDATED.
9. CONTRACTOR SHALL PREPARE A SET OF "AS-BUILT" DRAWINGS SHOWING ANY FIELD CHANGES MADE TO THE APPROVED ENGINEERING PLANS AND SUBMIT TO THE DESIGN CONSULTANT FOR SUBMISSION TO CITY ENGINEER.
1. CONDITION OF THE ROAD AND/OR RIGHT OF WAY, UPON COMPLETION OF JOB, SHALL BE AS GOOD AS OR BETTER THAN PRIOR TO STARTING WORK
2. EXPOSE 15" OF REINFORCING STEEL AT PROPOSED SAVED JOINT. IF ANY REINFORCING STEEL IS FOUND TO BE DAMAGED, DRILLED AND EMBEDDED 8" INTO THE CENTER OF THE EXISTING SLAB WITH "O ROCC" OR EQUAL.
3. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS AND SURROUNDING AREAS. IF ANY ROOTS ARE FOUND, ALL BORE PITS SHALL BE OUTSIDE OF TREE CANOPY (CRITICAL ROOT ZONE). 3AND EQUIPMENT OR MATERIALS WILL BE STORED UNDER TREE CANOPY (CRITICAL ROOT ZONE).
- 3B ALL PROTECTED TREES WILL BE FENCED AT DRP LINE.
- 3C PERMIT MUST BE OBTAIN TO REMOVE ANY TREE IN RIGHT-OF-WAY.
4. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
5. CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS AND STATE OF TEXAS LAW CONCERNING EXCAVATION, TRENCHING AND SHORING AS SPECIFIED IN CITY OF HOUSTON ORDINANCE #87-1457
6. WHEELCHAIR RAMPS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF HOUSTON STANDARDS AT ALL INTERSECTIONS WHERE SIDEWALKS EXIST AND MEET ADA REQUIREMENTS AND EXISTING CURB OR SIDEWALK IS DAMAGED OR REMOVED DURING CONSTRUCTION.

NOTE: ALL CONTRACTORS MUST SECURE "LANE/STREET CLOSURE PERMITS" FROM THE CITY'S DEPARTMENT OF PLANNING/DEVELOPMENT AND ENGINEERING BEFORE CLOSING A LANE, STREET OR SIDEWALK. THE REQUEST MUST BE MADE AT LEAST THREE BUSINESS DAYS PRIOR TO THE DATE FOR WHICH THE CLOSURE IS SOUGHT. NOTE THAT WORKING HOURS MAY BE RESTRICTED OR THE REQUEST MAY BE DENIED. CALL (713) 837-1260 FOR AN APPLICATION.

NOTE: NOTIFICATIONS ISSUED BY HARRIS COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT, ARCHITECTURE AND ENGINEERING DEPARTMENT, PERMIT OFFICE - REQUIRED PRIOR TO CONSTRUCTION OF UTILITIES OR LEFT TURN LANES WITHIN HARRIS COUNTY AND HARRIS COUNTY FLOOD CONTROL DISTRICT RIGHTS-OF-WAY. CONTACT HARRIS COUNTY PERMIT OFFICE (713) 316-3590 DATED OCTOBER, 2002.

- A) CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY REGULATION OF HARRIS COUNTY, TEXAS FOR FLOOD PLAN MANAGEMENT PRIOR TO STARTING CONSTRUCTION.
- B) OWNER TO OBTAIN ALL PERMITS REQUIRED BY HARRIS COUNTY, TEXAS PRIOR TO STARTING CONSTRUCTION OF UTILITY AND/OR CULVERTS WITHIN HARRIS COUNTY ROAD RIGHT OF WAY.

CONSTRUCTION NOTES

1. DIRECTIONAL BORING WILL BE UTILIZED WHEREVER POSSIBLE. ALL EXCAVATIONS WILL BE BACKFILLED PER CITY, DOT, AND COUNTY SPECIFICATIONS.
2. FIBER OPTIC WARNING TAPE WILL BE PLACED 12" BELOW THE EXISTING GRADE IN ALL EXCAVATIONS.
3. VERIFICATION OF THE LOCATION OF EXISTING UTILITY CROSSING IS THE RESPONSIBILITY OF THE CONTRACTOR. HAND DIGGING WILL BE UTILIZED WHERE REQUIRED.
4. CALL THE LOCAL UTILITY ONE-CALL AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION.
5. A 24 SEPARATION BETWEEN CITY OF HOUSTON FACILITIES AND OTHER UTILITIES MUST BE MAINTAINED.
6. CONDUIT COPS WILL BE PLACED ON THE ENDS OF ALL VACANT DUCTS DURING CONSTRUCTION. UPON COMPLETION, AND WHILE MAINTAINING FIBER INSTALLATION.
7. INSTALL THREE 3 - 1.25 " HOPE AS SHOWN ON DRAWING.
8. THE MINIMUM BENDING RADIUS FOR FIBER CABLE WILL BE 24".
9. MAXIMUM CABLE INSTALLATION TENSION WILL NOT EXCEED 600 POUNDS. A 600 POUND BREAKAWAY SWIVEL WILL BE USED DURING PULLING.
10. THE REMOVAL AND STORAGE OF ALL SHRUBBERY TO BE REPLACED IS THE RESPONSIBILITY OF THE CONTRACTOR.
11. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING THE CONSTRUCTION AREA TO ORIGINAL OR BETTER CONDITION.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION AS-BUILT DRAWINGS AND PRESENT A COMPLETE SET OF RED-LINED DRAWINGS TO WRES AND THE CITY OF HOUSTON WITHIN 14 DAYS OF COMPLETION OF THE WORK.
13. CONDUITS WILL BE TERMINATED NO MORE THAN SIX (6) INCHES ABOVE THE FLOOR GRADE IN HANDHOLES.
14. PLACE AT LEAST EIGHT (8) INCHES OF CRUSHED ROCK IN THE BOTTOM OF HANDHOLE PITS PRIOR TO PLACING THE WIRE MESH (2 SQUARES PER INCH) AND THE HANDHOLE.
15. PLACE 100 FEET FIBER SLACK COIL IN EACH HANDHOLE/HANDHOLE.
16. BURRED POWER LINES: HAND DIG AS REQUIRED.
17. BURRED FIBER OPTIC TELEPHONE CABLES: HAND DIG AS REQUIRED.
18. BURRED GAS CABLES: HAND DIG AS REQUIRED.
19. BURRED GAS LINES: HAND DIG AS REQUIRED.
20. BORE OUTSIDE THE DRAINAGE OF ALL TREES TO PREVENT ROOT DAMAGE (CRITICAL ROOT ZONE).
21. WHEN TRENCHING, BORE IF A TREE ROOT OF 1" DIAMETER OR LARGER IS ENCOUNTERED.
22. UNLESS OTHERWISE INDICATED, RIGHT OF WAY (ROW) LINES COINCIDE WITH THE BACK OF SIDEWALK.
23. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY, CALL TEXAS ONE CALL AT 1-800-245-4545.

UNDERGROUND GAS FACILITIES

- LOCATIONS OF CENTERPOINT ENERGY MAIN LINES (TO INCLUDE CENTERPOINT ENERGY INTERSTATE PIPELINE, I.L.C. WHERE APPLICABLE) ARE SHOWN ON AN APPROXIMATE LOCATION ONLY. SERVICE LINE ARE USUALLY NOT SHOWN, NOT SHOWN. OUR SIGNATURE ON THESE PLANS ONLY INDICATES THAT OUR FACILITIES ARE SHOWN IN APPROXIMATE LOCATION. IF DOES NOT IMPLY THAT A CONFLICT ANALYSIS HAS BEEN MADE. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT (713) 223-4567 FOR A LATER DETERMINATION OF THE EXACT LOCATIONS OF ALL UNDERGROUND GAS FACILITIES. LOCATIONS OF ALL UNDERGROUND GAS FACILITIES FIELD LOCATED. CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.
- * WHEN CENTERPOINT ENERGY PIPE LINE WARNINGS ARE NOT VISIBLE CALL (713) 987-8037 (7:30 AM TO 5:00 PM) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION BEGINS.
 - * WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES.
 - * WHEN CENTERPOINT ENERGY FACILITIES ARE EXPOSED, SIGNIFICANT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESENTE THESE UNDERGROUND FACILITIES.

WARNING: OVERHEAD ELECTRICAL FACILITIES

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. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S STANDARD CONSTRUCTION SPECIFICATIONS* REFERENCED ABOVE, AT NO COST TO THE CITY OF HOUSTON. THINGS MAY COME WITHIN SIX (6) FEET OF LINE OVERHEAD HIGH VOLTAGE LINES. PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTOR, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS CARRIES BOTH CRIMINAL AND CIVIL LIABILITY TO ARRANGE FOR LINES TO BE TURNED OFF OR REMOVED CALL CENTERPOINT ENERGY AT 713-207-2222.

TRENCH SAFETY SYSTEMS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREPARE SHOP DRAWINGS FOR THE TRENCH SAFETY SYSTEM* AS REQUIRED BY O.S.H.A. BY A LICENSED PROFESSIONAL ENGINEER RETAINED AND PAID BY THE CONTRACTOR.

STORM SEWER CONSTRUCTION NOTES

1. STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE (C-76, CLASS III), AND SHALL BE INSTALLED, BEDDED AND BACKFILLED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWINGS NOS. 02317-02, 02317-03, 02317-05, 02317-06, AND 20317-07 (OCT. 2002) AS APPLICABLE UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
2. ALL STORM SEWER CONSTRUCTED IN SIDE LOT EASEMENT SHALL BE R.C.P. (C76, CLASS III) AND SHALL BE BEDDED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWING NOS. 02317-02, 02317-03, 02317-05, 02317-06, AND 02317-07 AS APPLICABLE.
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 1-1/2 SACK CEMENT/CLY. STABILIZED SAND TO WITH IN ONE (1) FOOT OF SUBGRADE. THE REMAINING DEPTH OF TRENCH SHALL BE BACKFILLED WITH SUITABLE EARTH MATERIAL.
4. ALL TRENCH BACKFILLS SHALL BE IN 8' LIFTS, WITH TEST TAKEN AT 100 FOOT INTERVALS ON EACH LIFT, AND MECHANICALLY COMPACTED TO A DENSITY OF NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST (ASTM D698/ASTM 1555).
5. CIRCULAR AND ELIPTICAL REINFORCED CONCRETE PIPE SHALL BE INSTALLED USING RUBBER GASKET JOINTS CONFORMING TO ASTM C443 AND ASTM C377 RESPECTIVELY.
6. ALL STORM SEWER PIPES AND INLET LEADS SHALL BE 24-INCH AND LARGER R.C.P. (C-76, CLASS III).
7. ALL PROPOSED PIPE STUB-OUTS FROM MANHOLE AND INLETS ARE TO BE PLUGGED WITH 8" BRICK WALLS UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL PROVIDE 12" MINIMUM CLEARANCE AT STORM SEWER AND WATER CROSSESS.
9. ADJUST MANHOLE COVERS TO GRADE CONFORMING TO REQUIREMENTS OF SECTION 02086-ADJUSTING MANHOLES, INLETS AND VALVE BOXES TO GRADE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, MAINTAINING, AND RESTORING ANY BACK SLOPE DRAINAGE SYSTEM DISTURBED AS RESULT OF HIS WORK.
11. ALL DITCHES SHALL BE REGRADED TO PROPOSED ELEVATIONS TO INSURE PROPER DRAINAGE. ALL OUTFALLS SHALL BE PROPERLY BACKFILLED AND COMPACTED. ALL DISTURBED AREAS SHALL BE REGRADED, SEEDED, AND FERTILIZED.
12. ALL DRIVEWAYS WILL BE LOCATED TO AVOID EXISTING CURB INLET STRUCTURES.

SWPPP CONSTRUCTION NOTES

1. CONTRACTOR SHALL IMPLEMENT INLET PROTECTION DEVICES AND REINFORCED FILTER FABRIC BARRIER ALONG ROAD AND SIDE DITCHES AT LOCATIONS SHOWN ON THE TYPICAL STORM WATER POLLUTION PREVENTION (SWPP) PLANS TO KEEP SILT AND/OR EXCAVATION MATERIALS FROM ENTERING ONTO THE STORM DRAINAGE SYSTEM.
2. DURING THE EXCAVATION, SLOPES OF THE EXPOSED EXCAVATION SHALL BE MAINTAINED AT A MAXIMUM OF 3:1 (HORIZONTAL TO VERTICAL) TO PREVENT SOIL FAILURE. SHORT SECTIONS SO THAT EXPOSED MATERIALS CAN BE QUICKLY HAULED AWAY FROM THE SITE AND TO PREVENT IT FROM STAYING UNCOLLECTED ON THE EXISTING PAVEMENT. ANY LOOSE EXCAVATED MATERIAL, WHICH FALLS ON PAVEDENTS OR DRIVEWAYS SHALL BE SWEEP BACK INTO THE EXCAVATED AREA.
3. CONTRACTOR SHALL CLEAN UP THE EXISTING STREET INTERSECTIONS AND DRIVEWAYS DAILY, AS NECESSARY, TO REMOVE ANY EXCESS MUD, SILT OR CONSTRUCTION DEBRIS.
4. CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING THE CONSTRUCTION OF THE PROJECT. ALWAYS CLEANING UP DIRT AND LOOSE MATERIAL AS CONSTRUCTION PROGRESSES.
5. CONTRACTOR TO INSPECT AND MAINTAIN THE AREAS LISTED BELOW AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
6. DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
 - * AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
 - * STRUCTURAL CONTROL MEASURES.
 - * LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE.
7. CONTRACTOR TO BE RESPONSIBLE TO MAINTAIN EXISTING DITCHES AND / OR CULVERTS FOR UNOBSTRUCTED DRAINAGE AT ALL TIMES. WHERE SODDING IS DISTURBED BY EXCAVATION OR BACKFILLING OPERATIONS, SUCH AREAS SHALL BE REPLACED BY SEEDING OR SODDING. SLOPES 4:1 OR STEEPER SHALL BE REPLACED BY BLOCK SODDING.

FIRM FLOOD INSURANCE RATE MAP

PANEL 0420L OF 115Q
WPP# 4820100420L
MAP REVISED JUNE 18, 2007

DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND DESTRUCTED UTILITIES ARE PRESENT IN THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
 2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
 3. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND ALL UNDERGROUND STRUCTURES.

JOB NUMBER:

TEO.LLC
5510 Community DRIVE
Houston, Texas 77005
281-538-5123 OFFICE
713-668-6334 FAX
teo@teol.com
FIRM # F-8878

WAVEMEDIA
TELECOM, LLC.

EMERGENCY# 1-713-895-0002



GENERAL NOTES

1. THE LOCATIONS OF SBC FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CALL 1-800-344-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF SBC FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE SBC FACILITIES.
4. WHEN SBC FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.

FILE NO	FOR FT BEND COUNTY USE ONLY
DATE: 5/25/14	
DRAWING SCALE:	
HDRZ: NTS	
VERT: NTS	
SHEET No 2 OF 6	

DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE RECORDS. CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DEPTH, AND TYPE OF ALL UTILITIES AND OBSTRUCTIONS PRIOR TO CONSTRUCTION. CONTRACTORS SHALL BE RESPONSIBLE FOR LOCATING, PROTECTING, AND REPAIRING ANY UTILITIES OR OBSTRUCTIONS DAMAGED DURING CONSTRUCTION.
 2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
 3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J20XXXX

TOTALS
FIBER THIS SHEET: 90
FIBER CUMULATIVE: -
STATIONING 0+00-END
CONDUIT 90 LF

MATERIAL LIST		QUANTITY
2 - 1.25" HDPE	90' EA	
BURIED CABLE MARKER	2	
RISER/BOREPIIT/HANDHOLE	2/1/1	

TEO.LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
teolc@gmail.com
FIRM # F-8978



PRIVATE UTILITY LINES SHOWN
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR
ESSENTIALS CALL THE LONE STAR NOTIFICATION 713-223-4567.

ICTX WAVEMEDIA, LLC.

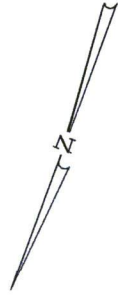
CenterPoint Energy/Electric Facilities	Date:
Valid at time of review only.	
Not Authorized for underground conduit facilities only.	Date:
Signatures valid for one year.	

Contract/Point Energy / Gas Facilities
(One service lines are not shown)

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY
AFTER DATE OF SIGNATURES

FORT BEND COUNTY DEPARTMENT OF PUBLIC WORKS AND ENGINEERING	
WATER	TRAFFIC & TRANSPORTATION
WASTEWATER	STORM WATER QUALITY
STORM	FACILITIES
STREET & BRIDGE	
DATE: 04/15/2014	FOR FT BEND COUNTY USE ONLY
DRAWING SCALE:	
HORIZ: 1" = 20'	
VERT: 1" = 02'	

SHEET
NO. 3 OF 6



NOTE:
THIS APPROVAL IS FOR CONSTRUCTION UTILIZING ALLEGES /
UNDERGROUND UTILITIES. FOR ANY REASON, IF THE
CONTRACTOR WISHES TO CHANGE THE LOCATION OF THE
UTILITIES, THEY MUST FIRST OBTAIN APPROVAL FROM THE
TYPICAL SHEET SHALL BE SUBMITTED FOR REVIEW AT LEAST
48 HOURS IN ADVANCE, BEFORE STARTING CONSTRUCTION. THESE
REVISIONS TYPICAL SHALL BE DRAWN ON W/400 SCALES,
AND DATED BY A PROFESSIONAL ENGINEER IN THE STATE
OF TEXAS.

NOTE:
THE LOCATIONS OF SOUTHWESTERN BELL TELEPHONE COMPANY
UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE
CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE
COMINGING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR
ANY AND ALL DAMAGES WHICH MIGHT BE OCCURRED BY THIS
FAILURE TO EXACTLY LOCATE AND PRESERVE THESE
UNDERGROUND UTILITIES.

NOTE:
OVERHEAD LINES MAY EXIST ON THE PROPERTY. WE HAVE NOT ATTEMPTED TO MARK
THESE LINES SINCE THEY ARE CLEARLY VISIBLE. BUT THE SHOULD LOCATE THE POWER TO
BEHIND AND CONSTRUCTION SHALL LOCATE THE LINES TO BE MARKED IN A SAFE MANNER.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES
BEFORE ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LINES
INCLUDING CONDUCTORS, AND LEGALLY RESPONSIBLE FOR SAFETY OF CONSTRUCTION
WORKS UNDER THE LAW. THE LAW COMES WITH CONDUCTOR AND CIVIL LIABILITY TO
ADHERE TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.

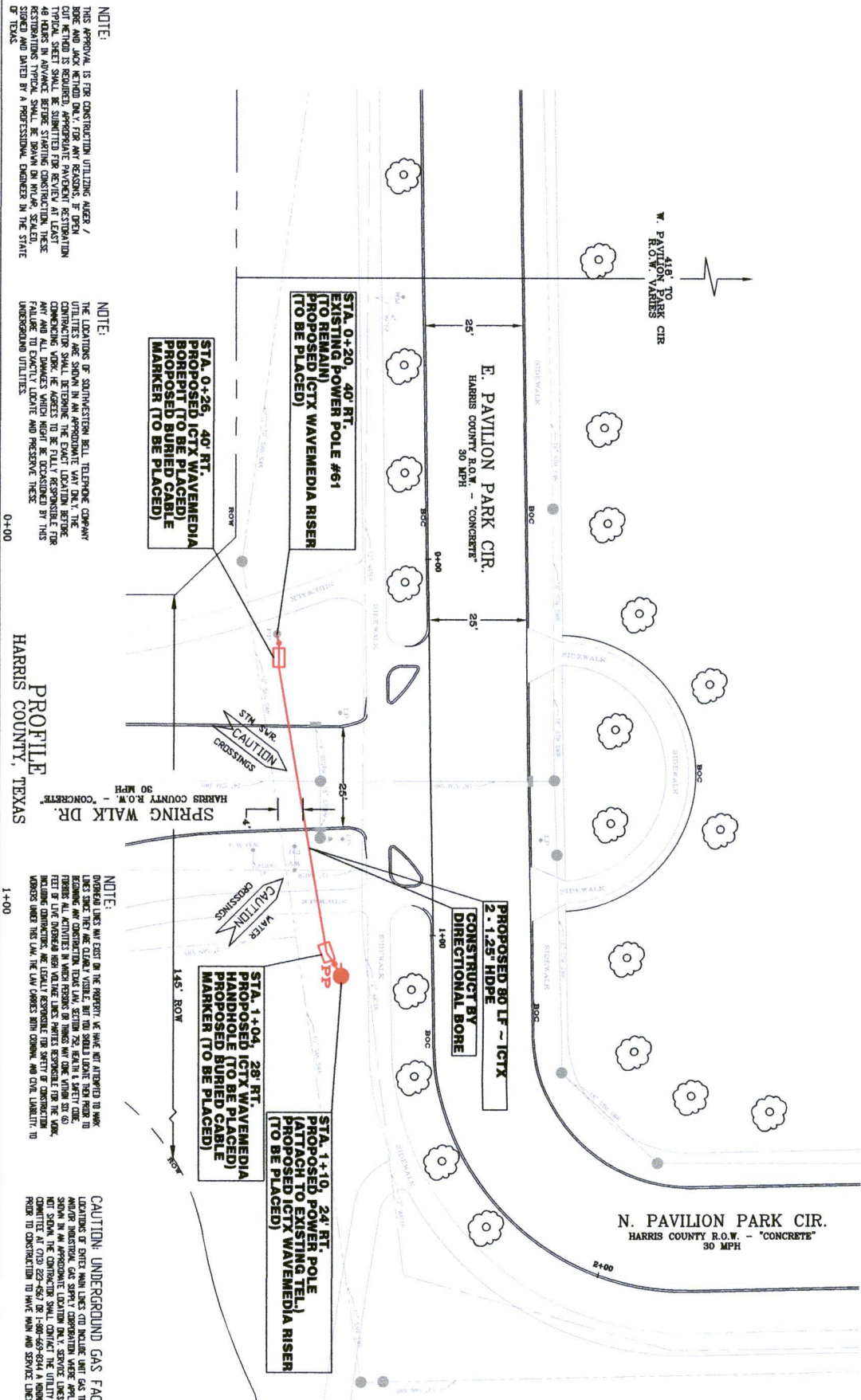
CAUTION: UNDERGROUND GAS FACILITIES
LOCATIONS OF EXISTING MAIN LINES (DO NOT INCLUDE UNIT GAS TRANSMISSION
LINES) ARE SHOWN IN AN APPROXIMATE MANNER. THE CONTRACTOR SHALL BE RESPONSIBLE
FOR VERIFYING THE LOCATION OF ALL UTILITIES BEFORE ANY CONSTRUCTION. THE
CONTRACTOR SHALL BE RESPONSIBLE FOR THE LINES INCLUDING CONDUCTORS, AND
LEGALLY RESPONSIBLE FOR SAFETY OF CONSTRUCTION WORKS UNDER THE LAW. THE
LAW COMES WITH CONDUCTOR AND CIVIL LIABILITY TO ADHERE TO CONSTRUCTION
TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.

NOTE:
CONTACT SUBMITTER REGARDING AT 888-235-3559
AT LEAST 48 HOURS BEFORE CONSTRUCTION.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES
BEFORE ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LINES
INCLUDING CONDUCTORS, AND LEGALLY RESPONSIBLE FOR SAFETY OF CONSTRUCTION
WORKS UNDER THE LAW. THE LAW COMES WITH CONDUCTOR AND CIVIL LIABILITY TO
ADHERE TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.

NOTE:
DIE NO CLOSER THAN 15' FROM TREES
AND INSTANT DAMAGE FENCING AT TREES
ADJACENT TO CONSTRUCTION ACTIVITIES.

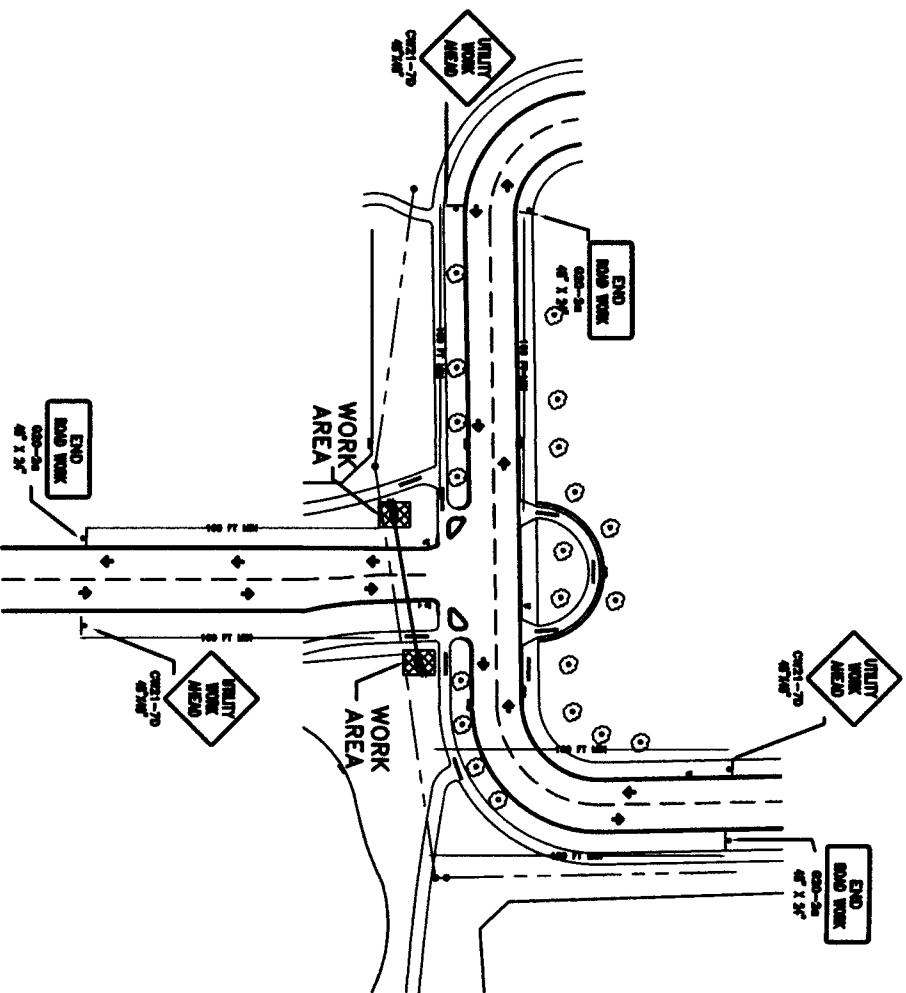
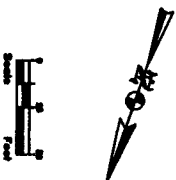
NOTE:
THIS APPROVAL IS FOR CONSTRUCTION UTILIZING ALLEGES /
UNDERGROUND UTILITIES. FOR ANY REASON, IF THE
CONTRACTOR WISHES TO CHANGE THE LOCATION OF THE
UTILITIES, THEY MUST FIRST OBTAIN APPROVAL FROM THE
TYPICAL SHEET SHALL BE SUBMITTED FOR REVIEW AT LEAST
48 HOURS IN ADVANCE, BEFORE STARTING CONSTRUCTION. THESE
REVISIONS TYPICAL SHALL BE DRAWN ON W/400 SCALES,
AND DATED BY A PROFESSIONAL ENGINEER IN THE STATE
OF TEXAS.

NOTE:
THIS APPROVAL IS FOR CONSTRUCTION UTILIZING ALLEGES /
UNDERGROUND UTILITIES. FOR ANY REASON, IF THE
CONTRACTOR WISHES TO CHANGE THE LOCATION OF THE
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TYPICAL SHEET SHALL BE SUBMITTED FOR REVIEW AT LEAST
48 HOURS IN ADVANCE, BEFORE STARTING CONSTRUCTION. THESE
REVISIONS TYPICAL SHALL BE DRAWN ON W/400 SCALES,
AND DATED BY A PROFESSIONAL ENGINEER IN THE STATE
OF TEXAS.



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WARNING SIGNS ALONG MAJOR ROAD
APPLY TO STATIONS 0+00 – END (ALONG E PAVILION PARK CIR-NORTHBOUND)



FORT BEND COUNTY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
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 (TEXAS MUTCD, MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION.
- 2 - NO LANES SHALL BE CLOSED DURING CONSTRUCTION.
- 3 - CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOUR AND OPEN LANES FOR NORMAL TRAFFIC FLOW.
- 4 - IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF TRAFFIC CONTROL PLANS DURING THE CONSTRUCTION THAN WHAT IS OUTLINED IN THE CONTRACT DRAWINGS, HE/SHE SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT AN ALTERNATE SET REPRODUCIBLE PLANS SEALED AND SIGNED BY A LICENSED ENGINEER IN THE STATE OF TEXAS, WITH THE ENTIRE APPROVED SET OF DRAWINGS, TO HAVE TRAFFIC SECTION FOR REVIEW AND APPROVAL, TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
- 5 - APPROVED COPIES OF THE TRAFFIC CONTROL PLANS AND LANE CLOSURE PERMITS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.
- 6 - CONTRACTOR SHALL MAINTAIN LOCAL DRIVEWAY ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES ADJACENT TO WORK AREA AT ALL TIMES.
- 7 - CONTRACTOR SHALL NOTIFY FIRE, POLICE, METROPOLITAN TRANSIT AUTHORITY, AND SCHOOLS FIVE (5) WORKING DAYS PRIOR TO IMPLEMENTATION FOR TRAFFIC CONTROLS.
- 8 - IF THE PROJECT IS WITHIN 400 FT FROM A SIGNALIZED INTERSECTION, THE CONTRACTOR SHALL CONTACT FT BEND COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT, SIGNAL DESIGN AT tsd@fbco.org FIVE (5) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

- LEGENDS:
- WORK AREA
 - ROAD/LANE CLOSED AREA
 - DRUMS WITH LEFT CHEVRON SIGN
 - DRUMS WITH RIGHT VERTICAL PANEL
 - DRUMS WITH RIGHT CHEVRON SIGN
 - DRUMS WITH LEFT VERTICAL PANEL
 - PLASTIC DRUMS
 - 28" TUBULAR MARKERS
 - 28" TRAFFIC CONES
 - TRAFFIC CONSTRUCTION SIGNS
 - TYPE II SIGNAGE WITH 2 TYPE "A" WARNING LIGHTS
 - LAW OFFICER
 - FLAGGER
 - FLASHING ARROW PANEL
 - DIRECTION OF TRAFFIC FLOW

JOB NUMBER:

TEO, LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
leo@teo.com
FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

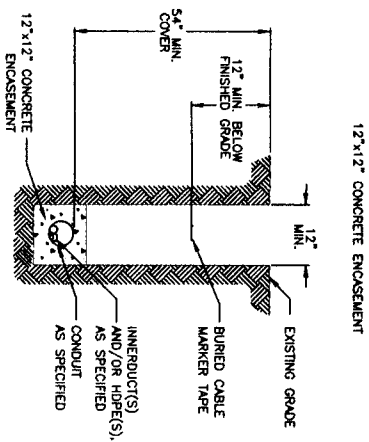
EMERGENCY# 1-713-895-0002



TRAFFIC CONTROL PLAN

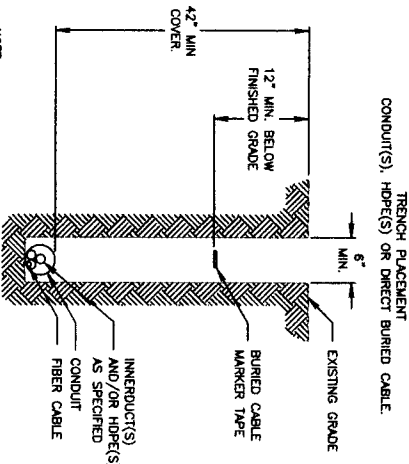
FILE NO.	FOR FORT BEND COUNTY USE ONLY	
DATE	5/23/14	
DRAWING SCALE		
HORIZ. 1"= 50'		
VERT. NTS		
SHEET No. 4 OF 6		

TYPICAL DETAIL 'B' INDUSTRY STANDARD



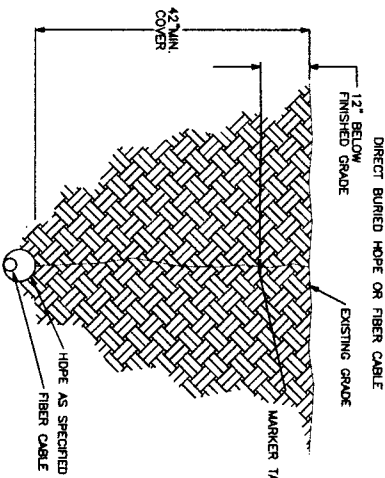
NOTE:
BACKFILL MUST BE MADE WITH ROCK FREE MATERIAL.

TYPICAL DETAIL 'A' INDUSTRY STANDARD



NOTE:
BACKFILL MUST BE MADE WITH ROCK FREE MATERIAL.

TYPICAL DETAIL 'C' INDUSTRY STANDARD

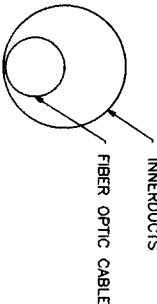


INDUSTRY STANDARD
TYPICAL DETAIL 'D'

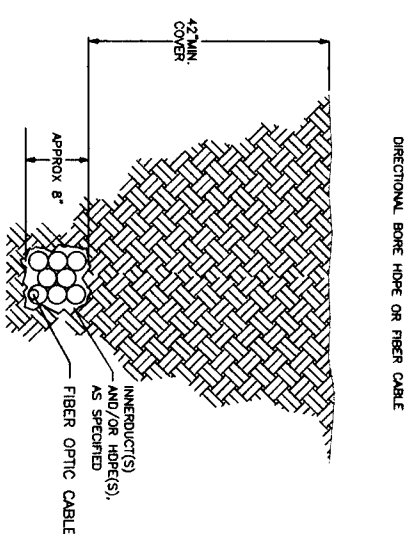
CROSS SECTION OF INNERDUCT(S)
AND/OR HOPE(S) AS SPECIFIED



INDUSTRY STANDARD
TYPICAL DETAIL 'E'

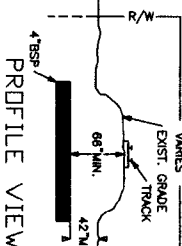
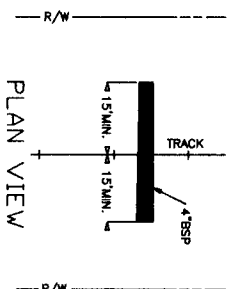


TYPICAL DETAIL 'H' INDUSTRY STANDARD

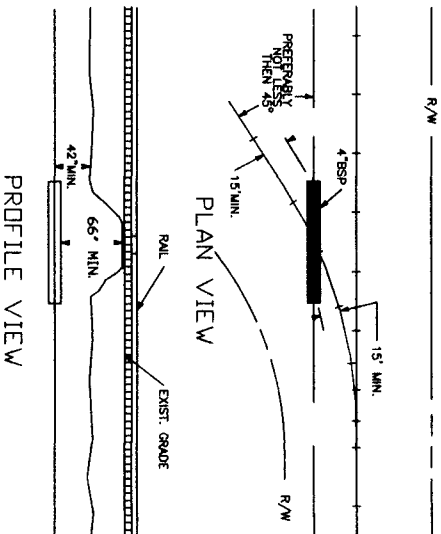


INDUSTRY STANDARD
TYPICAL DETAIL 'F'

JACK AND BORE MAIN TRACK



INDUSTRY STANDARD
TYPICAL DETAIL 'G'



GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 800-4-A-SAFE PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER:

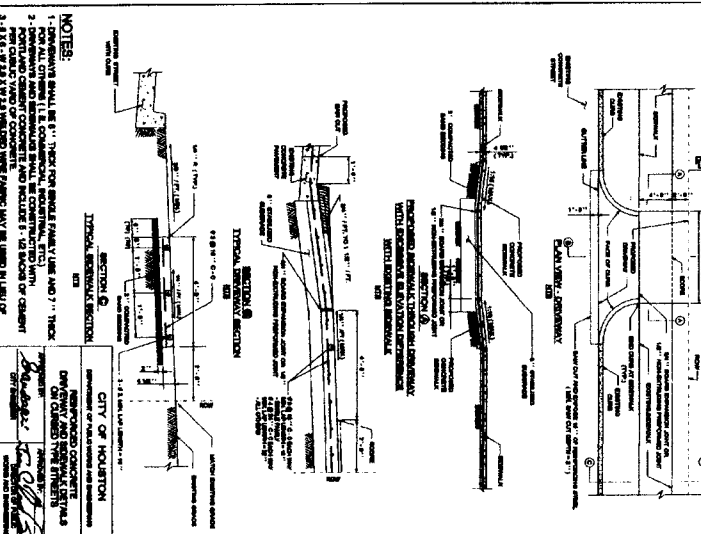
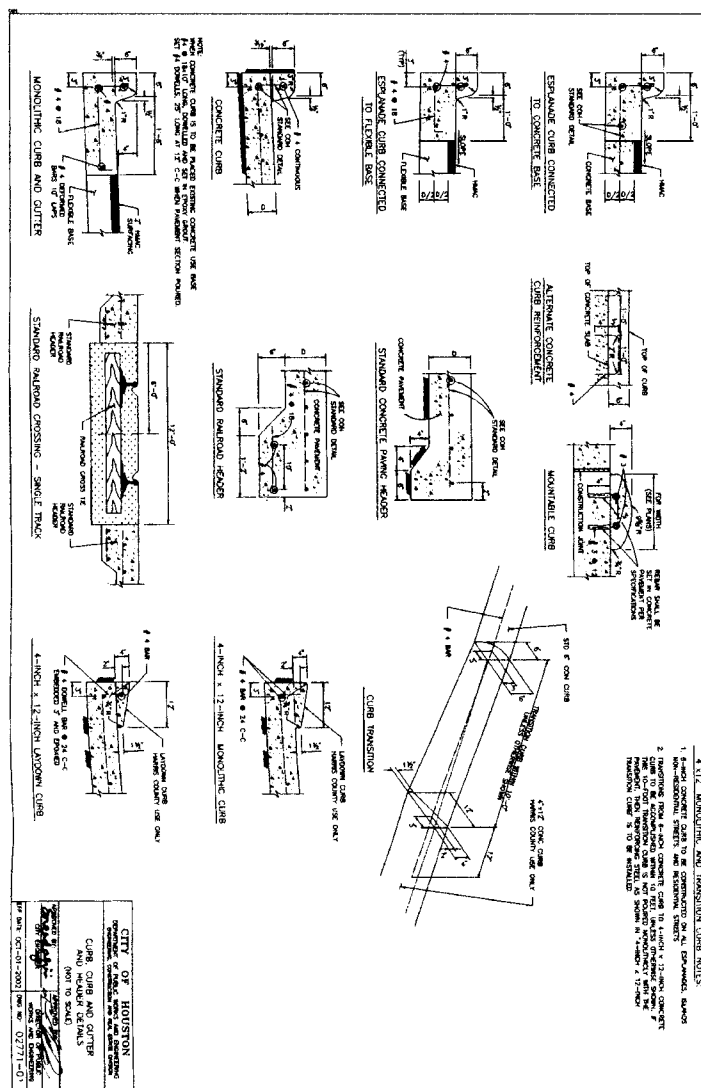
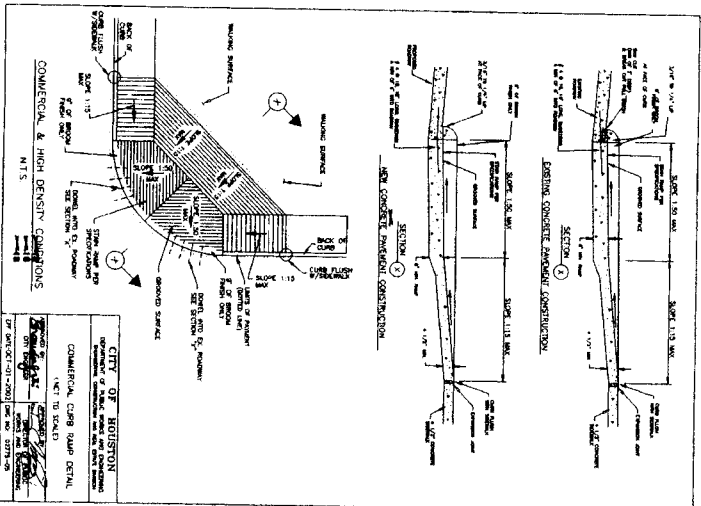
TEO, LLC
5510 Community Drive
Houston, Texas 77005
281-596-5123 OFFICE
713-668-6334 FAX
teobk@gmail.com
FIRM # F-4878

WAVEMEDIA
TELECOM, LLC.

EMERGENCY # 1-713-895-0002



GENERAL CONSTRUCTION DETAILS

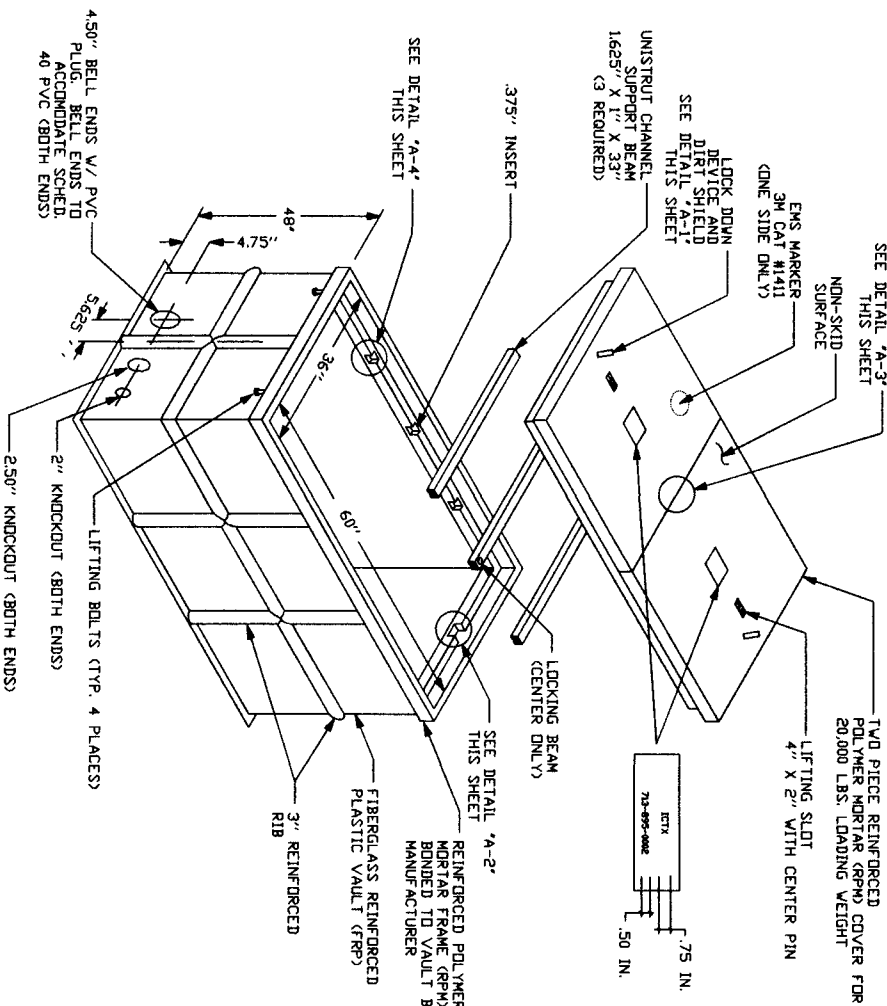


FILE NO.
DATE: 5/25/14
DRAWING SCALE: NTS
VERT: NTS
SHEET 5 OF 6

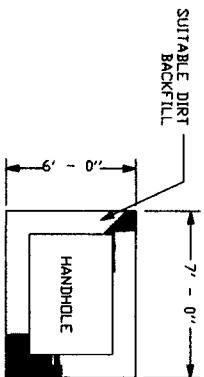
FOR FT BEND QUANTITY USE ONLY

3' x 5' x 4' HANDHOLE DETAILS

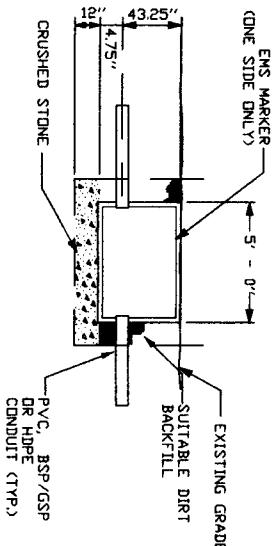
DETAIL "A"
EXPLODED ISOMETRIC DETAIL



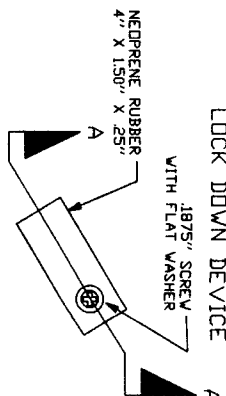
PLAN



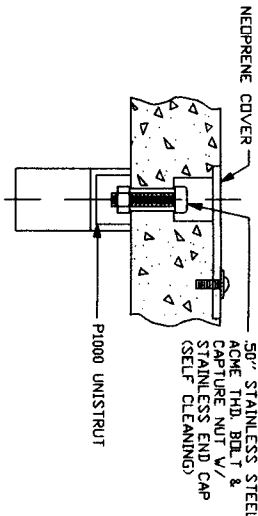
DETAIL "C"
EXCAVATION PIT
PROFILE



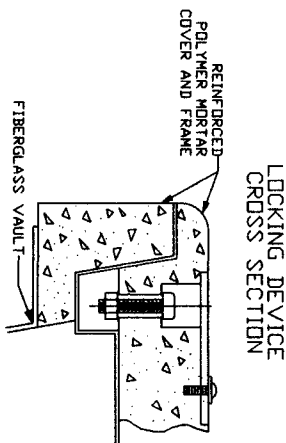
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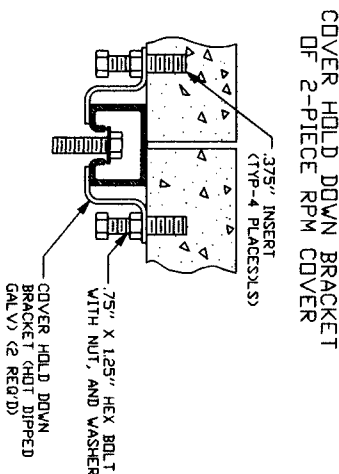
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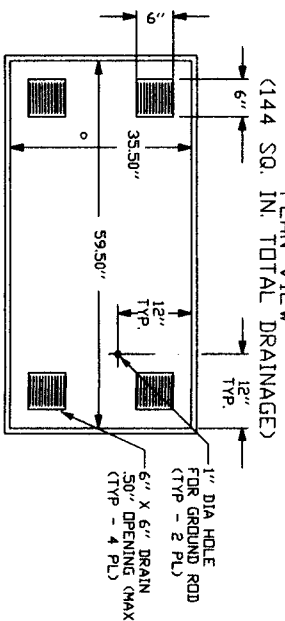
SECTION A-A



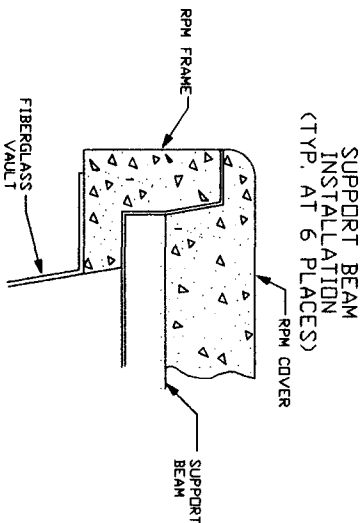
DETAIL "A-3"



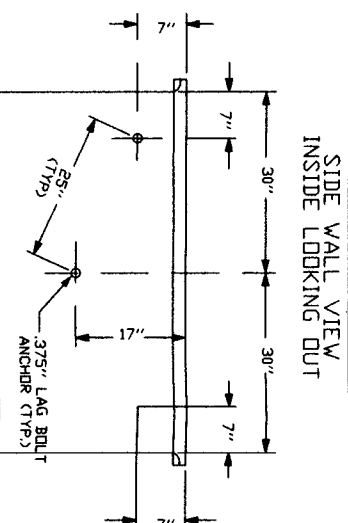
DETAIL "B"



DETAIL "A-4"



DETAIL "D"



- NOTES:
1. VOID IN EXCAVATED AREAS TO BE BACKFILLED WITH SELECT MATERIAL.
 2. BOTTOM OF EXCAVATED PIT TO BE BACKFILLED WITH 12" OF CRUSHED STONE (.75" GRADE).
 3. SHORING WILL BE REQUIRED.
 4. THIS HANDHOLE IS OF FIBERGLASS MATERIAL. APPROXIMATELY POUNDS IN WEIGHT. THE LIDS ARE POLYMER CONCRETE MATERIAL. EACH APPROXIMATELY POUNDS.

NOTE:
LINEAR DISTANCE BETWEEN LAG BOLT ANCHORS MUST BE 25".

DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE RECORDS AND FIELD SURVEYING AND OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
 2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
 3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J207309

TEO, LLC

5510 Community Drive
Houston, Texas
77005
281-536-5123 OFFICE
713-668-6334 FAX
teoic@gmail.com
FIRM # F-8978

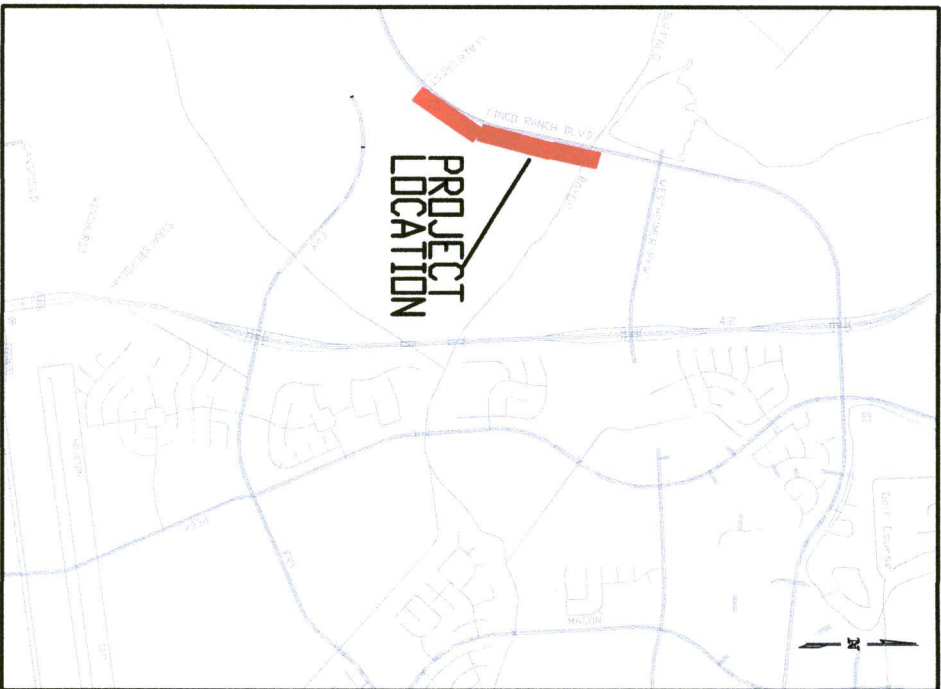
WAVEMEDIA
TELECOM, LLC.

EMERGENCY # 1-713-895-0002

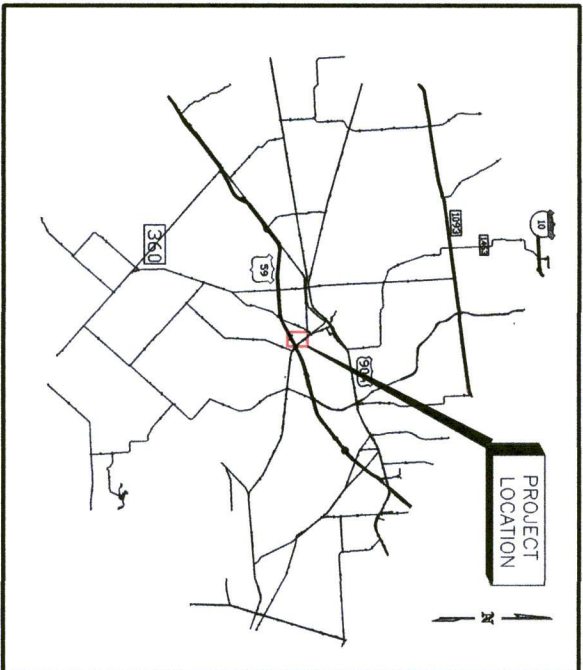


HANDHOLE DETAIL

FILE NO.	FILE FT BEND COUNTRY USE ONLY
DATE: 5/25/14	
DRAWING SCALE:	
HORZ: NTS	
VERT: NTS	
SHEET No. 6 OF 6	



VICINITY MAP



LOCATION MAP



TELECOMMUNICATION CONDUITS
ALONG CINCO RANCH BLVD.
BETWEEN CLAIRECREST & WESTHEIMER
FORT BEND COUNTY
TEXAS

NEW BUILD

KEY MAP#: 485W

ZIP CODE: 77494



*NO KNOWN PROPOSED WASTEWATER WORK IS INVOLVED.
**NO KNOWN PROPOSED DRAINAGE WORK IS INVOLVED.

TITLE OF DRAWING	SHT. NO.	STATION
TITLE SHEET	1	
GENERAL NOTES	2	
CONSTRUCTION DRAWING	3	
CONSTRUCTION DRAWING	4	
CONSTRUCTION DRAWING	5	
CONSTRUCTION DRAWING	6	
TRAFFIC CONTROL PLAN	7	
GENERAL CONSTRUCTION DETAIL	8	
HANDHOLE DETAILS	9	

NOTES: THE CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, ENGINEERING CONSTRUCTION DIVISION (TELEPHONE NO. 713-863-1450) 48 HOURS BEFORE STARTING WORK ON THIS PROJECT		
VERIZON	SPEARS	
JOB NUMBER:	J207309	
TEO .LLC 5510 Community Drive Houston, Texas 77005 281-536-5123 OFFICE 713-668-6394 FAX teo@teolc.com FIRM # F-8978		
WAVEMEDIA TELECOM, LLC.		
SURVEY BY ICITX		
F B NDI		
SHEET NO 1 OF 9 SHEETS		

GENERAL CONSTRUCTION NOTES:

1. WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE ARE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE DOCUMENTS & STREET PAVING- STANDARD CONSTRUCTION SPECIFICATIONS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING. STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING AND THE INFRASTRUCTURE DESIGN MANUAL, PUBLISHED BY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002.
2. ALL UTILITIES PRESENT ON THESE DRAWINGS ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY IN THE FIELD THE EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL NOTIFY TEXAS ONE CALL AT 713-223-4567 AT LEAST 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION.
3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES TO EXISTING WATER, WASTEWATER, STORM, WATER LINES AND PUBLIC CONTROL DEVICES. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S "STANDARD CONSTRUCTION SPECIFICATIONS" REFERENCED ABOVE, AT NO COST TO THE CITY OF HOUSTON.
4. CONTRACTOR SHALL NOTIFY THE OFFICE OF THE CITY ENGINEER, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AT 713-983-1450 FOR INSPECTION AT LEAST 48 HOURS PRIOR TO COMMENCING THE CONSTRUCTION.
5. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
6. CONTRACTOR IS TO PRESERVE AND PROTECT EXISTING TREES AND PLANTS FROM FOLiage, BRANCH, TRUNK AND/OR ROOT DAMAGE THAT COULD RESULT FROM CONSTRUCTION OPERATIONS AS PER THE CITY OF HOUSTON STREET TREE ORDINANCE AND CITY OF HOUSTON SPECIFICATION 01562, INSIDE OF THE CITY'S EXISTING PAVED PUBLIC ROAD R-0-WS AND ANY AFFECT COMMERCIAL BUILDING LINE SETBACK AREAS.
7. THE CONTRACTOR SHALL COMPLY WITH THE LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.
8. IF THE CONSTRUCTION DOES NOT BEGIN WITHIN A YEAR AFTER THE PLANS HAVE BEEN SIGNED, NEW SIGNATURES MUST BE OBTAINED AND LETTERS OF AVAILABILITY MUST BE UPDATED.
9. CONTRACTOR SHALL PREPARE A SET OF "AS-BUILT" DRAWINGS SHOWING ANY FIELD CHANGES MADE TO THE APPROVED ENGINEERING PLANS AND SUBMIT TO THE DESIGN CONSULTANT FOR SUBMISSION TO CITY ENGINEER.
1. CONDITION OF THE ROAD AND/OR RIGHT OF WAY, UPON COMPLETION OF JOB, SHALL BE AS GOOD AS OR BETTER THAN PRIOR TO STARTING WORK.
2. EXPOSE 15" OF REINFORCING STEEL AT PROPOSED SAVED JOINT, AND REINFORCING STEEL EXPOSED FOR HORIZONTAL JOINTS, C-DRILLED AND EMBEDDED AT LEAST 18" INTO THE CENTER OF THE EXISTING SLAB WITH "NO ROCK OR EQUAL."
3. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT OF SPARKER PLANTS AND TREES ALONG THE AREA OF EXCAVATION. ALL BORE PITS SHALL BE OUTSIDE OF TREE CANOPY (CRITICAL ROOT ZONE). 3A)NO EQUIPMENT OR MATERIALS WILL BE STORED UNDER TREE CANOPY (CRITICAL ROOT ZONE).
- 3B)ALL PROTECTED TREES WILL BE FENCED AT DRIP LINE.
- 3C)PERMIT MUST BE OBTAIN TO REMOVE ANY TREE IN RIGHT-OF-WAY.
4. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
5. CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS AND STATE OF TEXAS LAW CONCERNING EXCAVATION, TRECHING AND SHORING AS SPECIFIED IN CITY OF HOUSTON ORDINANCE #87-1457.
6. WHEEL CHAIR PUMPS SHALL BE INSTALLED IN ACCORDANCE WITH CITY ENGINEERING STANDARDS. ALL PROTECTED SIDEWALKS SHALL BE REPAIRED AND MEET ADA REQUIREMENTS AND EXISTING CURB OR SIDEWALK IS DAMAGED OR REMOVED DURING CONSTRUCTION.

NOTE: ALL CONTRACTORS MUST SECURE "LANE/STREET CLOSURE PERMITS" FROM THE CITY'S DEPARTMENT OF PLANNING/DEVELOPMENT AND ENGINEERING BEFORE CLOSING A LANE, STREET OR SIDEWALK. THE REQUEST MUST BE MADE AT LEAST THREE BUSINESS DAYS PRIOR TO THE DATE FOR WHICH THE CLOSURE IS SOUGHT. NOTE THAT WORKING HOURS MAY BE RESTRICTED OR THE REQUEST MAY BE DENIED. CALL (713) 837-1280 FOR AN APPLICATION.

NOTE: NOTIFICATIONS ISSUED BY HARRIS COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT, STORM DRAINAGE AND STREET PAVING DIVISION, ARE REQUIRED PRIOR TO CONSTRUCTION OF UTILITIES OR LEFT TURN LANES WITHIN HARRIS COUNTY AND HARRIS COUNTY FLOOD CONTROL DISTRICT RIGHTS-OF-WAY. CONTACT HARRIS COUNTY PERMIT OFFICE (713) 316-3590

- A) CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY REGULATION OF HARRIS COUNTY, TEXAS FOR FLOOD PLAN MANAGEMENT PRIOR TO STARTING CONSTRUCTION.
- B) OWNER TO OBTAIN ALL PERMITS REQUIRED BY HARRIS COUNTY, TEXAS PRIOR TO STARTING CONSTRUCTION OF UTILITY AND/OR CULVERTS WITHIN HARRIS COUNTY ROAD RIGHT OF WAY.

CONSTRUCTION NOTES

1. DIRECTIONAL BORING WILL BE UTILIZED WHEREVER POSSIBLE. ALL EXCAVATIONS WILL BE BACKFILLED PER CITY, DOT, AND COUNTY SPECIFICATIONS.
2. FIBER OPTIC WARNING TAPE WILL BE PLACED 12" BELOW THE EXISTING GRADE IN ALL EXCAVATIONS.
3. VERIFICATION OF THE LOCATION OF EXISTING UTILITY CROSSING IS THE RESPONSIBILITY OF THE CONTRACTOR. HAND DIGGING WILL BE UTILIZED WHERE REQUIRED.
4. CALL THE LOCAL UTILITY ONE-CALL AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION.
5. A 24" SEPARATION BETWEEN CITY OF HOUSTON FACILITIES AND OTHER UTILITIES WILL BE MAINTAINED.
6. CONDUIT COPS WILL BE PLACED ON THE ENDS OF ALL VACANT DUCTS DURING CONSTRUCTION, UPON COMPLETION, AND WHILE MAINTAINING FIBER INSTALLATION. 3 - 125 " MORE AS SHOWN ON PLANS.
7. EXISTING THREE 3 - 125 " MORE AS SHOWN ON PLANS.
8. THE MINIMUM BENDING RADIUS FOR FIBER CABLE WILL BE 24".
9. MINIMUM CABLE INSTALLATION TENSION WILL NOT EXCEED 600 POUNDS. A 600 POUND BREAKAWAY SWIVEL WILL BE USED DURING PULLING.
10. THE REMOVAL AND STORAGE OF ALL SHRUBBERY TO BE REPLACED IS THE RESPONSIBILITY OF THE CONTRACTOR.
11. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING THE CONSTRUCTION AREA TO ORIGINAL OR BETTER CONDITION.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION AS-BUILT DRAWINGS AND PRESENT A COMPLETE SET OF RED-LINED DRAWINGS TO TYPES AND THE CITY OF HOUSTON WITHIN 14 DAYS OF COMPLETION OF THE WORK.
13. CONDUITS WILL BE TERMINATED NO MORE THAN SIX (6) INCHES ABOVE THE FLOOR GRADE IN HANDHOLE.
14. PLACE AT LEAST EIGHT (8) INCHES OF CRUSHED ROCK IN THE BOTTOM OF HANDHOLE PITS PRIOR TO PLACING THE WIRE MESH (2 SQUARES PER INCH) AND THE HANDHOLE.
15. PLACE 100 FEET FIBER SLACK COIL IN EACH HANDHOLE/HANDHOLE.
16. BURIED POWER LINES: HAND DIG AS REQUIRED.
17. BURIED FIBER OPTIC TELEPHONE CABLES: HAND DIG AS REQUIRED.
18. BURIED CANY CABLES: HAND DIG AS REQUIRED.
19. BURIED GAS LINES: HAND DIG AS REQUIRED.
20. BORE OUTSIDE THE DRYLINE OF ALL TREES TO PREVENT ROOT DAMAGE (CRITICAL ROOT ZONE).
21. WHEN TRECHING, BORE IF A TREE ROOT OF 1" DIAMETER OR LARGER IS ENCOUNTERED.
22. UNLESS OTHERWISE INDICATED, RIGHT OF WAY (ROW) LINES COINCIDE WITH THE BACK OF SIDEWALK.
23. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. CALL TEXAS ONE CALL AT 1-800-245-4545.

UNDERGROUND GAS FACILITIES

- LOCATIONS OF CENTERPOINT ENERGY PLUMB LINES TO INCLUDE CENTERPOINT ENERGY INTERSTATE PIPELINE, L.L.C. (WHERE APPLICABLE) ARE SHOWN ON AN APPROXIMATE LOCATION ONLY. SERVICE LINE ARE USUALLY NOT SHOWN, NOT SHOWN. OUR SIGNATURE ON THESE PLANS ONLY INDICATES THAT OUR FACILITIES ARE SHOWN IN APPROXIMATE LOCATION. IF DOES NOT IMPLY THAT A CONFULT ANALYSIS HAS BEEN MADE. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT (713) 223-4567 FOR A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO TAKE MAIN AND SERVICE LINES FIELD LOCATED.
- * WHEN CENTERPOINT ENERGY PIPE LINE WARNINGS ARE NOT VISIBLE CALL (713) 967-1057 (7:30 AM TO 5:00 PM) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION.
 - * WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, MED-VANIZED EXCAVATION PROCEDURES.
 - * WHEN CENTERPOINT ENERGY FACILITIES ARE EXPOSED, SIGNPOSTS SHALL BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESENTE THESE UNDERGROUND FACILITIES.

WARNING: OVERHEAD ELECTRICAL FACILITIES

OVERHEAD LINES MAY EXIST ON THE PROPERTY. WE HAVE NOT ATTEMPTED TO MARK THOSE LINES SINCE THEY ARE CLEARLY IDENTIFIED. BUT TO SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. ALL UTILITIES IN WHICH PERSONS OR THINGS MAY COME WITHIN SIX (6) FEET OF LINE OVERHEAD HIGH VOLTAGE LINES, PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTOR, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO ARRANGE FOR LINES TO BE TURNED OFF OR REMOVED CALL CENTERPOINT ENERGY AT 713-207-2222.

TRENCH SAFETY SYSTEMS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREPARE SHOP DRAWINGS FOR THE TRENCH SAFETY SYSTEM* AS REQUIRED BY O.S.H.A. BY A LICENSED PROFESSIONAL ENGINEER RETAINED AND PAID BY THE CONTRACTOR.

STORM SEWER CONSTRUCTION NOTES

1. STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE (C-76, CLASS II), AND SHALL BE INSTALLED, BEDDED AND BACKFILLED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWINGS NOS. 02317-02, 02317-03, 02317-05, 02317-06, AND 20317-07 (OCT. 2002) AS APPLICABLE UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
2. ALL STORM SEWER CONSTRUCTED IN SIDE LOT EASEMENT SHALL BE R.C.P. (C76, CLASS II) AND SHALL BE BEDDED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWING NOS. 02317-02, 02317-03, 02317-05, 02317-06, AND 20317-07 AS APPLICABLE.
3. ALL SEWER UNDER PROPOSED OF FUTURE PAVEMENT AND TO A POINT ONE (1) FOOT BACK OF ALL PROPOSED OR FUTURE CUBES SHALL BE BACKFILLED WITH 1-1/2 SACK GEMENT/CT, STABILIZED SAND TO WITH IN ONE (1) FOOT OF SUBGRADE. THE REMAINING DEPTH OF TRENCH SHALL BE BACKFILLED WITH SUIABLE EARTH MATERIAL.
4. ALL TRENCH BACKFILLS SHALL BE IN 6" LIFTS, WITH TEST TAKEN AT 100 FOOT INTERVALS ON EACH LIFT, AND MECHANICALLY COMPACTED TO A DENSITY OF NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST (ASTM D-698/ASTM 159).
5. CIRCULAR AND ELIPTICAL REINFORCED CONCRETE PIPE SHALL BE INSTALLED USING RUBBER GASKET JOINTS CONFORMING TO ASTM C443 AND ASTM C1277 RESPECTIVELY.
6. ALL STORM SEWER PIPES AND INLET LEADS SHALL BE 24-INCH AND LARGER R.C.P. (C-76, CLASS II).
7. ALL PROPOSED PIPE SUB-OUTS FROM MANHOLE AND INLETS ARE TO BE PLUGGED WITH 8" BRICK WALLS UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL PROVIDE 12" MINIMUM CLEARANCE AT STORM SEWER AND WATER CROSSINGS.
9. ADJUST MANHOLE COVERS TO GRADE CONFORMING TO REQUIREMENTS OF SECTION 02086-ADJUSTING MANHOLES, INLETS AND VALVE BOXES TO GRADE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, MAINTAINING, AND RESTORING ANY BACK SLOPE DRAINAGE SYSTEM DISTURBED AS RESULT OF HIS WORK.
11. ALL DITCHES SHALL BE REGRADED TO PROPOSED ELEVATIONS TO INSURE PROPER DRAINAGE. ALL DITCHES SHALL BE PROPERLY BACKFILLED AND COMPLETED. ALL DISTURBED AREAS SHALL BE REGRADED, SEEDED, AND FERTILIZED.
12. ALL DRIVEWAYS WILL BE LOCATED TO AVOID EXISTING CURB INLET STRUCTURES.

SWPPP CONSTRUCTION NOTES

1. CONTRACTOR SHALL IMPLEMENT INLET PROTECTION DEVICES AND REINFORCED FILTER FABRIC BARRIER ALONG ROAD AND SIDE DITCHES AT LOCATIONS SHOWN ON THE TYPICAL STORM WATER POLLUTION PREVENTION (SWPP) PLANS TO KEEP SILT AND OR EXCAVATION MATERIALS FROM ENTERING CREEK AND STORM DRAINAGE INLETS AND DITCHES.
2. DUE TO THE EXTENSION PHASE OF THE PROJECT, THE CONTRACTOR SHALL SCHEDULE THE WORK IN SHORT SECTIONS SO THAT EXCAVATED MATERIAL CAN BE QUICKLY HULDED AWAY FROM THE SITE AND TO PREVENT IT FROM STAYING UNCOLLECTED ON THE EXISTING PAVEMENT. ANY LOOSE EXCAVATED MATERIAL, WHICH FALLS ON PAVEMENTS OR DRIVEWAYS SHALL BE SWEEP BACK INTO THE EXCAVATED AREA.
3. CONTRACTOR SHALL CLEAN UP THE EXISTING STREET INTERSECTIONS AND DRIVEWAYS DAILY, AS NECESSARY, TO REMOVE ANY EXCESS MUD, SILT OR ROCK TRACKED FROM THE EXCAVATED AREA.
4. CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING THE CONSTRUCTION OF THE PROJECT. ALWAYS CLEANING UP DIRT AND LOOSE MATERIAL AS CONSTRUCTION PROGRESSES.
5. CONTRACTOR TO INSPECT AND MAINTAIN THE AREAS LISTED BELOW AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
6. DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
 - * AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
 - * STRUCTURAL CONTROL MEASURES.
 - * LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE.
6. CONTRACTOR TO BE RESPONSIBLE TO MAINTAIN EXISTING DITCHES AND / OR CULVERTS FOR UNOBSTRUCTED DRAINAGE AT ALL TIMES, WHERE SODDING IS DISTURBED BY EXCAVATION OR BACKFILLING OPERATIONS, SUCH AREAS SHALL BE REPLACED BY SEEDING OR SODDING. SLOPES 4:1 OR STEEPER SHALL BE REPLACED BY BLOCK SODDING.

FIRM FLOOD INSURANCE RATE MAP

PANEL 0420L OF 1150
MAP# 4820LC0420L
MAP REVISED JUNE 18, 2007

DISCLAIMER

GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 800-368-5898 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR CONTROLLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER:

TEO, LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-666-6334 FAX
leo@teocorp.com
leo@teocorp.com
FIRM # F-9876

WAVEMEDIA
TELECOM, LLC.

EMERGENCY # 1-713-895-0002



GENERAL NOTES

1. THE LOCATIONS OF SBC FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY HIS FAILURE TO EXACTLY LOCATE AND PRESENTE UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CALL 1-800-244-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF SBC FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE SBC FACILITIES.
4. WHEN SBC FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.

FILE NO:	DATE: 5/25/14	TOTAL SHEET COUNT USE ONLY
DRAWING SCALE:		
HORIZ: NTS		
VERT: NTS		
SHEET No: 2 OF 9		

DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
 2. CALL UNDERGROUND SERVICE ALERT AT 800-485-7777 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
 3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J20XXXX

TOTALS

FIBER THIS SHEET: 440

FIBER CUMULATIVE: -

STATIONING: 0+00-4+37

CONDUIT: 440 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	440' EA
BURIED CABLE MARKER	1
HANDHOLE/BOREPI	1/0

TEO.LLC

5510 Community Drive

Houston, Texas

77005

281-536-5123 OFFICE

713-668-6334 FAX

leo@teo.com

FIRM # F-8978



EMERGENCY # 1-713-895-0002

ICITX WAVEMEDIA, LLC.

PRIVATE UTILITY LINES SHOWN

AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR

ESPALEMENTS CALL THE LONE STAR NOTIFICATION 714-223-4567.

CenterPoint Energy/Electric Facilities

Valid at time of review only.

After Approved for underground conduit facilities only.

Signatures valid for one year.

CenterPoint Energy / Gas Facilities

(Gas service lines are not shown)

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY

AFTER DATE OF SIGNATURES

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1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POtholing, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POTHOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J20XXXXX

TOTALS 493
FIBER THIS SHEET:

FIBER CUMULATIVE:
 STATIONING 4+37 - 9+39
 CONDUIT 493 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	493' EA
BURIED CABLE MARKER	1
BOREPIIT	1

TEO.LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
teo@tmail.com
FIRM # F-8978



EMERGENCY# 1-713-895-0002

ICTX WAVEMEDIA, LLC.

PRIVATE UTILITY LINES SHOWN
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR
EASEMENTS CALL THE LONE STAR NOTIFICATION 713-223-4567.

CenterPoint Energy/Electric Facilities
Valid at time of review only.

Date _____

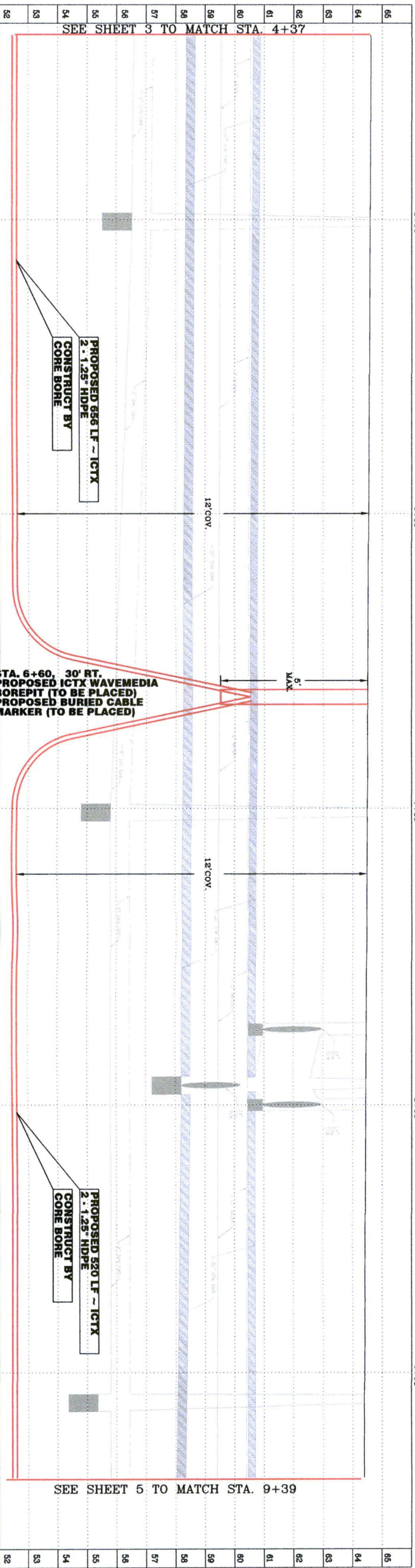
CenterPoint Energy / Gas Facilities
(Gas service lines are not shown)

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY
 AFTER DATE OF SIGNATURES

FORT BEND COUNTY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

WATER	TRAFFIC & TRANSPORTATION
WASTEWATER	STORM WATER QUALITY
STORM	FACILITIES
STREET & BRIDGE	

DATE: 04/13/2014		FOR CITY OF HOUSTON USE ONLY
DRAWING SCALE:		
HORIZ: 1" = 20'		
VERT: 1" = 02'		
SHEET NO: 4 OF 9		



SEE SHEET 5 TO MATCH STA. 9+39

SEE SHEET 3 TO MATCH STA. 4+37

PROPOSED 656 LF ~ ICTX
2.1.25" HDPE
CONSTRUCT BY
CORE BORE

**STA. 6+60, 30' RT.
PROPOSED ICTX WAVEMEDIA
BOREPIT (TO BE PLACED)
PROPOSED BURIED CABLE
MARKER (TO BE PLACED)**

STA. 6+60, 30' RT.
PROPOSED ICTX WAVEMEDIA/
BOREPIT (TO BE PLACED)
PROPOSED BURIED CABLE
MARKER (TO BE PLACED)

PROPOSED 520 LF ~ ICTX
2 - 1.25" HDPE
CONSTRUCT BY
CORE BORE

PROFILE

PROPOSED 520 LF ~ ICTX
2.1.25" HDPE
CONSTRUCT BY
CORE BORE

SEE SHEET 5 TO MATCH STA. 9+39

DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSERVATIONS ARE PRESENT ON THIS SHEET. CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
 2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
 3. CONTRACTORS RESPONSIBLE FOR CONTROLLING, COATING AND PROTECTING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J20XXXX

TOTALS

FIBER THIS SHEET: 435
FIBER CUMULATIVE: -
STATIONING 9+39 - 13+94
CONDUIT 435 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	435' EA
BURIED CABLE MARKER	1
BOREPIIT	1

TEO.LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
teoic@gmail.com
FIRM # F-8978



EMERGENCY # 1-713-895-0002

ICITX WAVEMEDIA, LLC.

PRIVATE UTILITY LINES SHOWN
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR
ADJACENT TO CONSTRUCTION ACTIVITIES.

Contract/Entry/Device Facilities

Valid at time of review only.

DATE: _____

Signature: _____

DATE: _____

Contract/Entry / (See Facilities)

(See service lines are not shown)

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY

AFTER DATE OF SIGNATURES

DATE: 04/13/2014

DATE: 04/13/2014

DATE: 04/13/2014

DATE: 04/13/2014

DATE: 04/13/2014

DATE: 04/13/2014

DATE: 04/13/2014

DATE: 04/13/2014

DISCLAIMER

- GENERAL NOTES:
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 2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
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JOB NUMBER: J20XXXX

TOTALS

FIBER THIS SHEET: 435
FIBER CUMULATIVE: -
STATIONING 9+39 - 13+94
CONDUIT 435 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	435' EA
BURIED CABLE MARKER	1
BOREPIIT	1

TEO.LLC
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teoic@gmail.com
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EMERGENCY # 1-713-895-0002

ICITX WAVEMEDIA, LLC.

PRIVATE UTILITY LINES SHOWN
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR
ADJACENT TO CONSTRUCTION ACTIVITIES.

Contract/Entry/Device Facilities

Valid at time of review only.

DATE: _____

Signature: _____

DATE: _____

Contract/Entry / (See Facilities)

(See service lines are not shown)

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY

AFTER DATE OF SIGNATURES

DATE: 04/13/2014

DATE: 04/13/2014

DATE: 04/13/2014

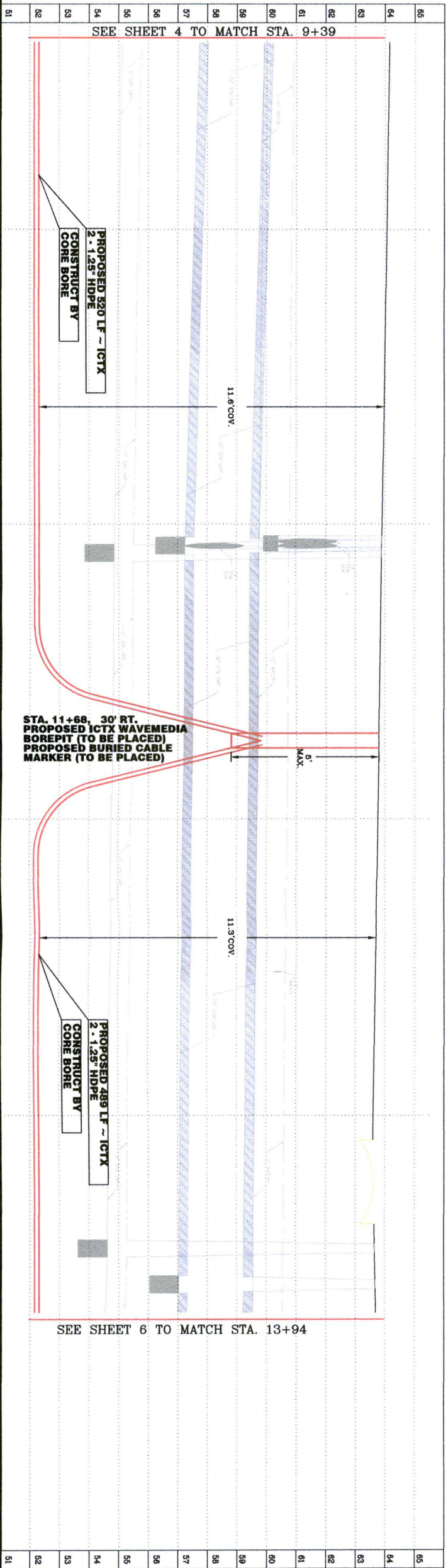
DATE: 04/13/2014

DATE: 04/13/2014

DATE: 04/13/2014

DATE: 04/13/2014

DATE: 04/13/2014



55	Contract/Entry/Device Facilities	Date: _____
54	Valid at time of review only.	DATE: _____
53	Signature: _____	DATE: _____
52	Contract/Entry / (See Facilities)	(See service lines are not shown)
51	NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY	AFTER DATE OF SIGNATURES
50	DATE: 04/13/2014	DATE: 04/13/2014
49	DATE: 04/13/2014	DATE: 04/13/2014
48	DATE: 04/13/2014	DATE: 04/13/2014
47	DATE: 04/13/2014	DATE: 04/13/2014
46	DATE: 04/13/2014	DATE: 04/13/2014
45	DATE: 04/13/2014	DATE: 04/13/2014
44	DATE: 04/13/2014	DATE: 04/13/2014
43	DATE: 04/13/2014	DATE: 04/13/2014
42	DATE: 04/13/2014	DATE: 04/13/2014
41	DATE: 04/13/2014	DATE: 04/13/2014
40	DATE: 04/13/2014	DATE: 04/13/2014
39	DATE: 04/13/2014	DATE: 04/13/2014
38	DATE: 04/13/2014	DATE: 04/13/2014
37	DATE: 04/13/2014	DATE: 04/13/2014
36	DATE: 04/13/2014	DATE: 04/13/2014
35	DATE: 04/13/2014	DATE: 04/13/2014
34	DATE: 04/13/2014	DATE: 04/13/2014
33	DATE: 04/13/2014	DATE: 04/13/2014
32	DATE: 04/13/2014	DATE: 04/13/2014
31	DATE: 04/13/2014	DATE: 04/13/2014

DISCLAIMER

- GENERAL NOTES: UNDERGROUND UTILITIES AND KNOWN ABOVEGROUND UTILITIES ARE PRESENT AND ARE NOT SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND STRUCTURES.
1. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS BEFORE EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND STRUCTURES.
2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS BEFORE EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND STRUCTURES.
3. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS BEFORE EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J20XXXX

TOTALS
FIBER THIS SHEET: 300
FIBER CUMULATIVE: 13+94 - END
STATIONING 13+94 - END
CONDUIT 300 - LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	300' EA
BURIED CABLE MARKER	2
BOREPIIT/HANDHOLE	1/1

TEO.LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
leo@teo.com
FIRM # F-8978



EMERGENCY # 1-713-895-0002

ICITX WAVEMEDIA, LLC.

PRIVATE UTILITY LINES SHOWN
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR
EXEMPTIONS CALL THE TOLL FREE NOTIFICATION 713-223-4567.

Contractor Energy/Electric Facilities
Date: _____
Valid at time of review only.

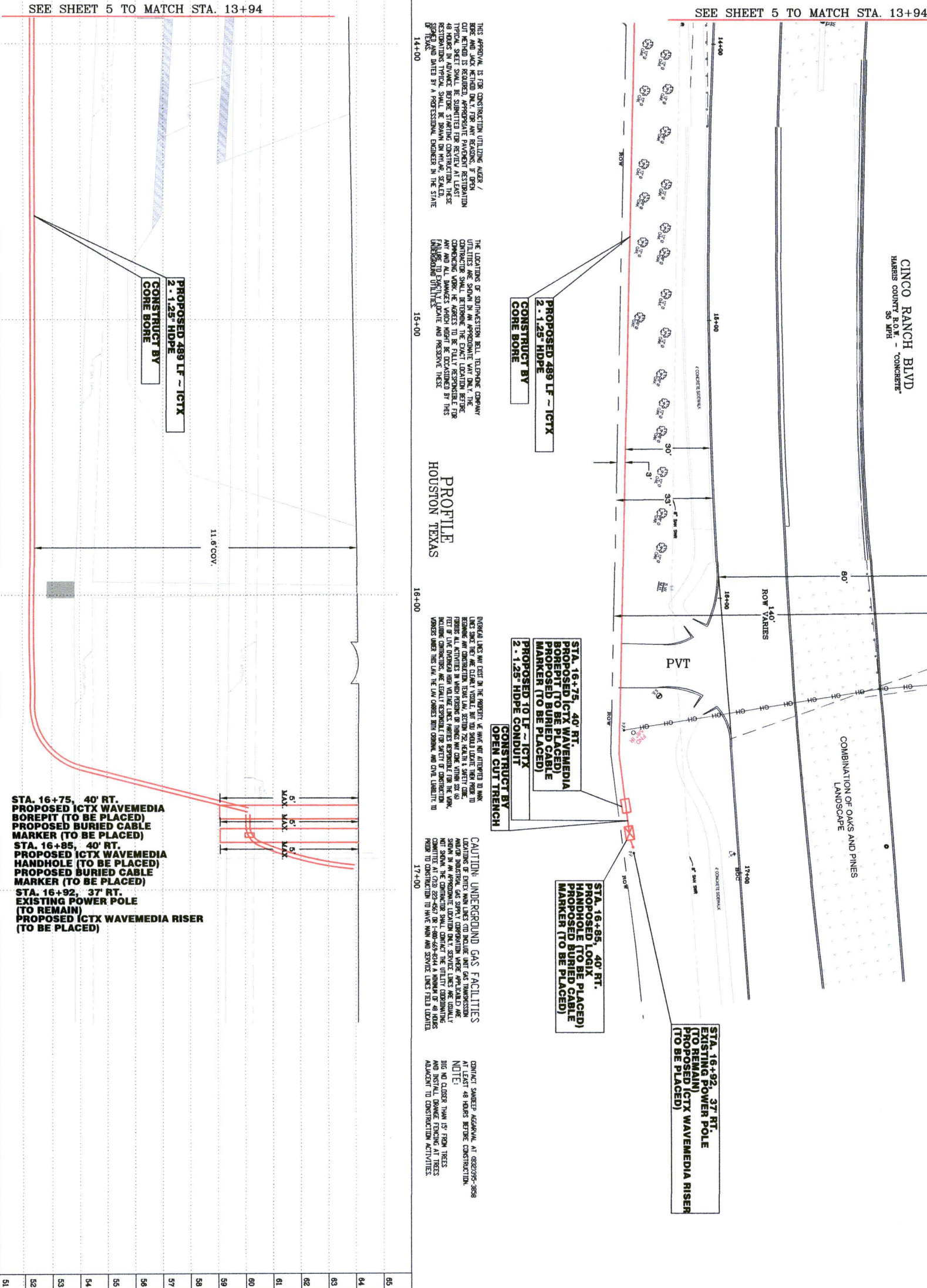
After Approval for underground conduit facilities only.
Signatures valid for one year.
Date: _____

Contractor Energy / Gas Facilities
After DATE OF SIGNATURES
NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY

FORT BEND COUNTY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE: 04/13/2014
DRAWING SCALE: 1" = 20'
VERT: 1" = 02'
FOR CITY OF HOUSTON USE ONLY

DATE	04/13/2014
DRAWING SCALE	1" = 20'
VERT	1" = 02'
SHEET NO.	6 OF 9



SEE SHEET 5 TO MATCH STA. 13+94

THIS APPROVAL IS FOR CONSTRUCTION UTILITIES ALONG / BORE AND JACK METHOD ONLY. FOR ANY REASONS, IF OPEN CUT METHOD IS REQUIRED, APPROPRIATE PAVEMENT RESTORATION TYPICAL SHEET SHALL BE SUBMITTED FOR REVIEW AT LEAST 48 HOURS BEFORE EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND STRUCTURES. RESTORATIONS TYPICAL SHALL BE DRAWN BY MILES, SEALED, SIGNED AND DATED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS.

THE LOCATION OF SUBSTATIONARY TELL TELEPHONE COMPANY UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE INCURRED BY THIS UNDERGROUND UTILITIES AND RESTORE THEM.

PROFILE
HOUSTON TEXAS

PROPOSED 489 LF ~ ICTX
2.1.25" HDPE
CONSTRUCT BY
CORE BORE

STA. 16+75, 40' RT.
PROPOSED ICTX WAVE MEDIA
BOREPIIT (TO BE PLACED)
PROPOSED BURIED CABLE
MARKER (TO BE PLACED)
CONSTRUCT BY
OPEN CUT TRENCH

STA. 16+85, 40' RT.
PROPOSED LOGIX
HANDHOLE (TO BE PLACED)
PROPOSED BURIED CABLE
MARKER (TO BE PLACED)

STA. 16+92, 37' RT.
EXISTING POWER POLE
(TO REMAIN)
PROPOSED ICTX WAVE MEDIA RISER
(TO BE PLACED)

CAUTION: UNDERGROUND GAS FACILITIES
LOCATION OF EXISTING GAS LINES TO BE LOCATED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND STRUCTURES. RESTORATIONS TYPICAL SHALL BE DRAWN BY MILES, SEALED, SIGNED AND DATED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS.

CONTACT SWEET'S MANUAL, AT 882-395-5858
AT LEAST 48 HOURS BEFORE CONSTRUCTION.
NOTE:
DIE NO CLOSER THAN 15' FROM TREES
AND INSTALL DRAINAGE FENCING AT TREES
ADJACENT TO CONSTRUCTION ACTIVITIES.

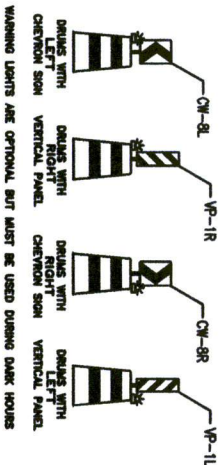
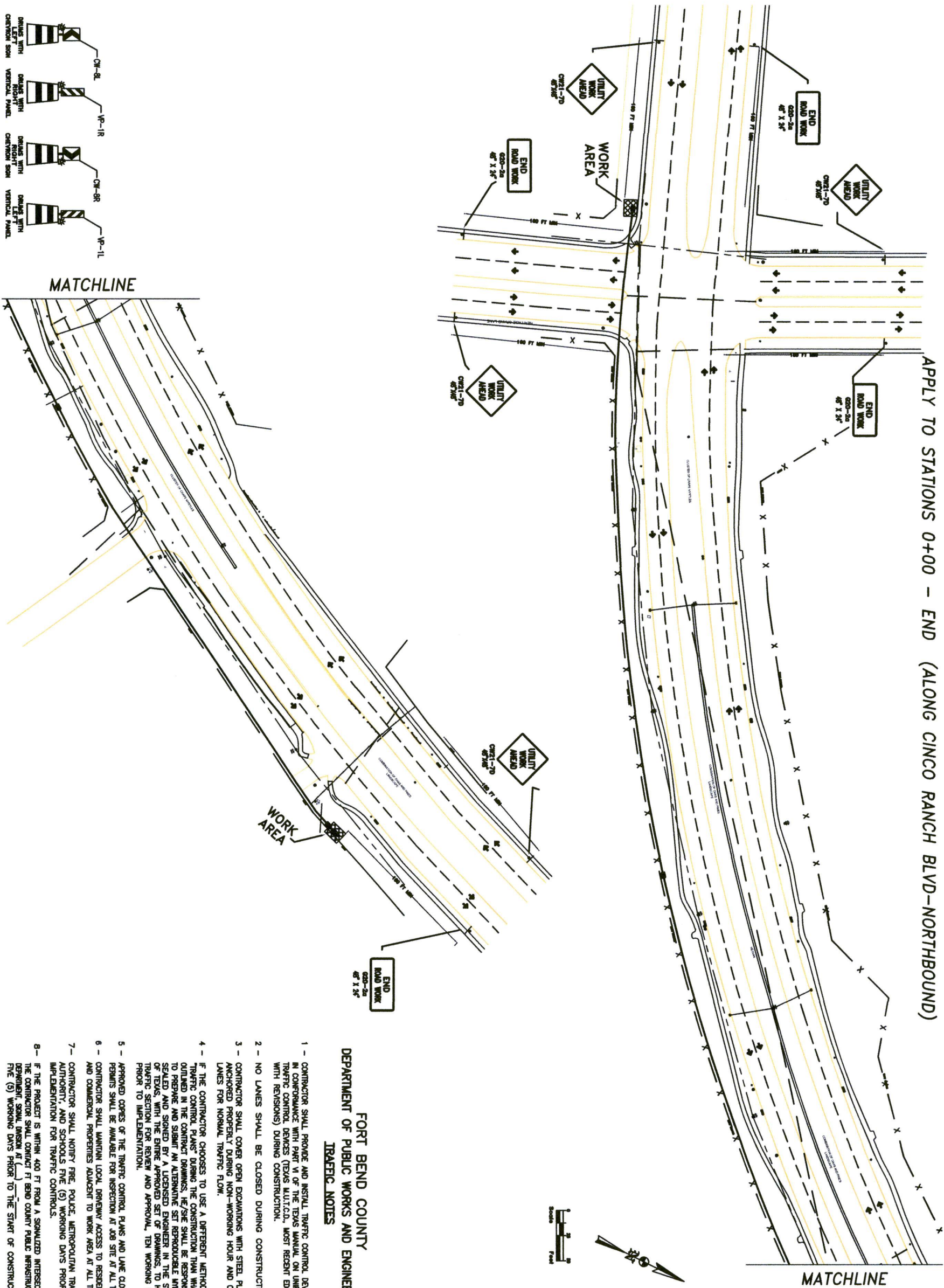
SEE SHEET 5 TO MATCH STA. 13+94

PROPOSED 489 LF ~ ICTX
2.1.25" HDPE
CONSTRUCT BY
CORE BORE

11.6' COV.

STA. 16+75, 40' RT.
PROPOSED ICTX WAVE MEDIA
BOREPIIT (TO BE PLACED)
PROPOSED BURIED CABLE
MARKER (TO BE PLACED)
STA. 16+85, 40' RT.
PROPOSED ICTX WAVE MEDIA
HANDHOLE (TO BE PLACED)
PROPOSED BURIED CABLE
MARKER (TO BE PLACED)
STA. 16+92, 37' RT.
EXISTING POWER POLE
(TO REMAIN)
PROPOSED ICTX WAVE MEDIA RISER
(TO BE PLACED)

WARNING SIGNS ALONG MAJOR ROAD
APPLY TO STATIONS 0+00 – END (ALONG CINCO RANCH BLVD-NORTHBOUND)



FORT BEND COUNTY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
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 (TEXAS MUTCD), MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION.
- 2 - NO LANES SHALL BE CLOSED DURING CONSTRUCTION.
- 3 - CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOUR AND OPEN LANES FOR NORMAL TRAFFIC FLOW.
- 4 - IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF TRAFFIC CONTROL PLANS DURING THE CONSTRUCTION THAN WHAT IS OUTLINED IN THE CONTRACT DRAWINGS, HE/SHE SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT AN ALTERNATE SET REPRODUCIBLE UNLESS SEALED AND SIGNED BY A LICENSED ENGINEER IN THE STATE OF TEXAS WITH THE ENTIRE APPROVED SET OF DRAWINGS, TO HCPD TRAFFIC SECTION FOR REVIEW AND APPROVAL, TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
- 5 - APPROVED COPIES OF THE TRAFFIC CONTROL PLANS AND LANE CLOSURE PERMITS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.
- 6 - CONTRACTOR SHALL MAINTAIN LOCAL DRIVEWAY ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES ADJACENT TO WORK AREA AT ALL TIMES.
- 7 - CONTRACTOR SHALL NOTIFY FIRE, POLICE, METROPOLITAN TRANSIT AUTHORITY, AND SCHOOLS FIVE (5) WORKING DAYS PRIOR TO IMPLEMENTATION FOR TRAFFIC CONTROLS.
- 8 - IF THE PROJECT IS WITHIN 400 FT FROM A SIGNALIZED INTERSECTION, THE CONTRACTOR SHALL CONTACT FT BEND COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT, SIGNAL DIVISION AT (713) 371-1111, TEN WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

- LEGENDS:
- WORK AREA
 - ROAD/LANE CLOSED AREA
 - DRUMS WITH LEFT CHEVRON SIGN
 - DRUMS WITH RIGHT VERTICAL PANEL
 - DRUMS WITH RIGHT CHEVRON SIGN
 - DRUMS WITH LEFT VERTICAL PANEL
 - PLASTIC DRUMS
 - 28" TUBULAR MARKERS
 - 28" TRAFFIC CONES
 - TRAFFIC CONSTRUCTION SIGNS
 - TYPE III BARRICADE WITH 2 TYPE "X" WARNING LIGHTS
 - LAW OFFICER
 - FLAGGER
 - FLASHING ARROW PANEL
 - DIRECTION OF TRAFFIC FLOW

JOB NUMBER:

TEO .LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
teo@teo.com
FIRM # F-9878

WAVEMEDIA
TELECOM, LLC.

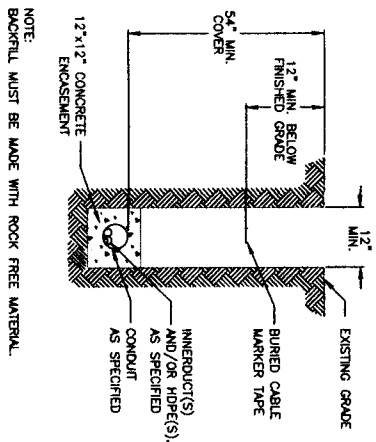
EMERGENCY # 1-713-895-0002



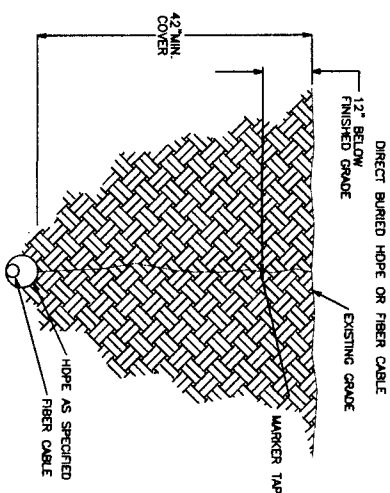
TRAFFIC CONTROL PLAN

FILE NO.	12/03/09	FIR FORT BEND COUNTY USE ONLY
DRAWING SCALE	1" = 50'	
HORIZ.	1" = 50'	
VERT.	1" = 50'	
SHEET No.	7 OF 9	

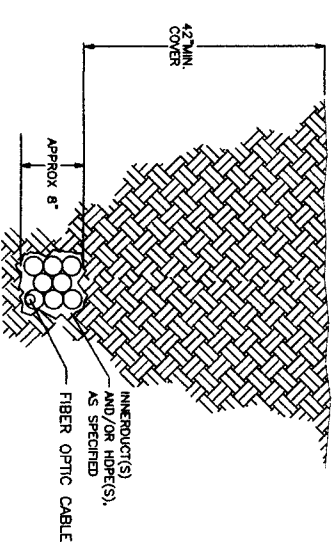
TYPICAL DETAIL 'B' INDUSTRY STANDARD



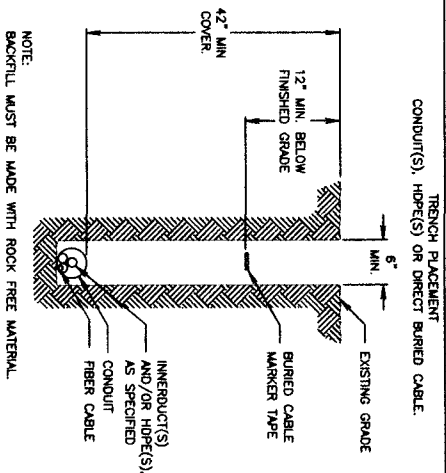
TYPICAL DETAIL 'C' INDUSTRY STANDARD



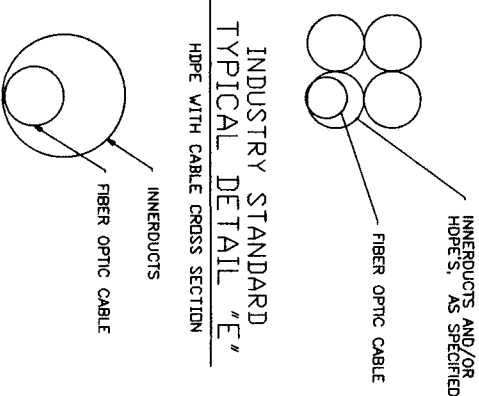
TYPICAL DETAIL 'H' INDUSTRY STANDARD



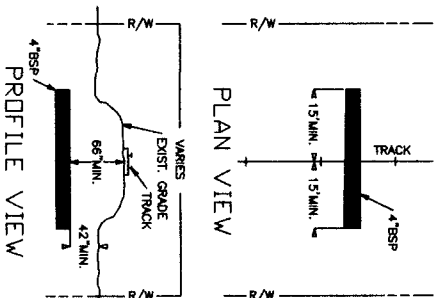
TYPICAL DETAIL 'A' INDUSTRY STANDARD



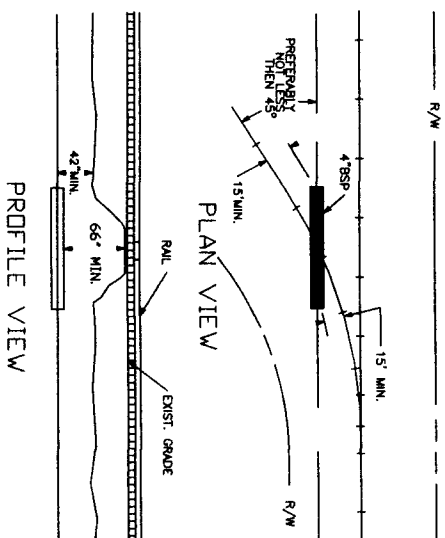
INDUSTRY STANDARD
TYPICAL DETAIL 'D'



INDUSTRY STANDARD
TYPICAL DETAIL 'F'



INDUSTRY STANDARD
TYPICAL DETAIL 'G'



DISCLAIMER

GENERAL NOTES:
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2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBEING ALL UNDERGROUND STRUCTURES.

JOB NUMBER:

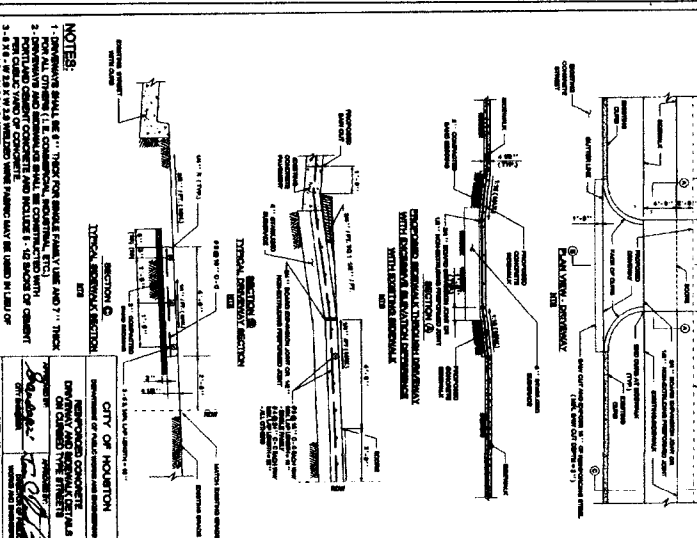
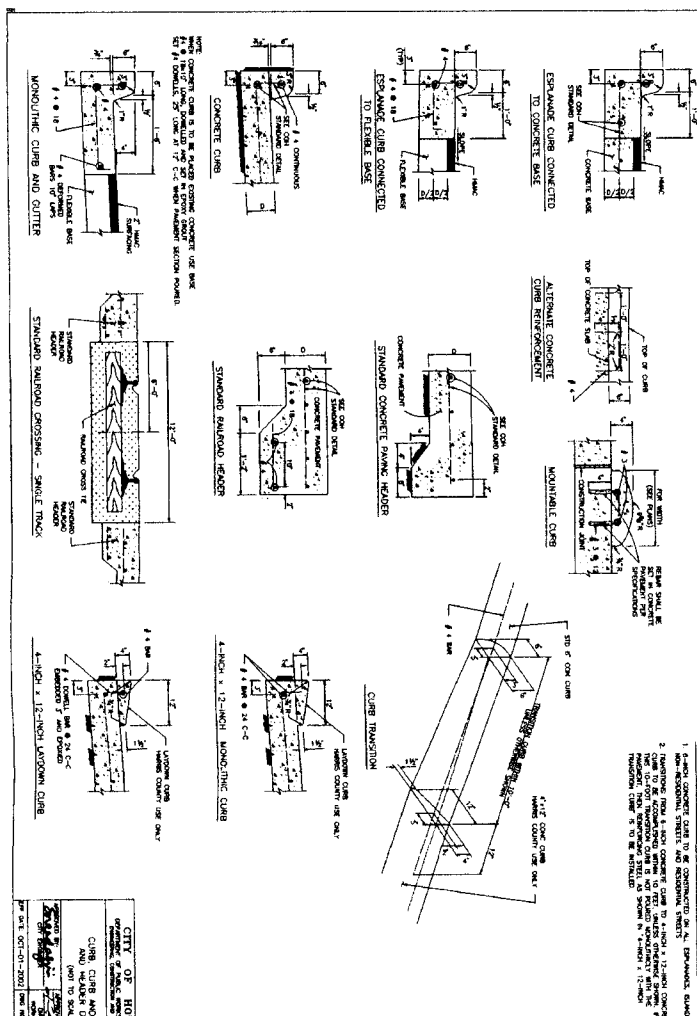
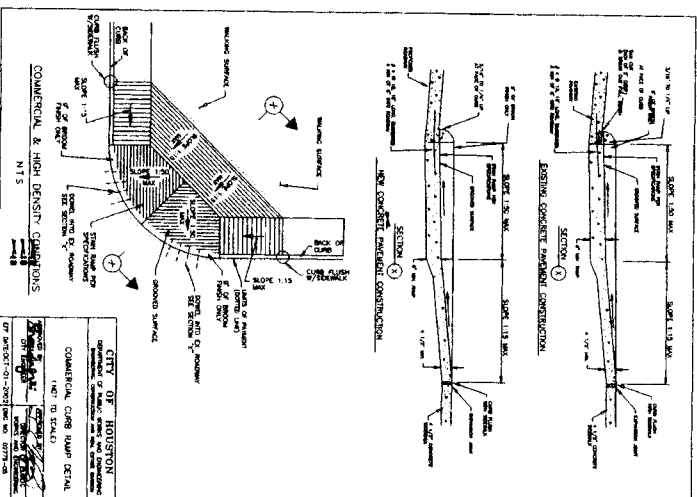
TEO, LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-568-5334 FAX
teolc@gmail.com
FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

EMERGENCY # 1-713-895-0002



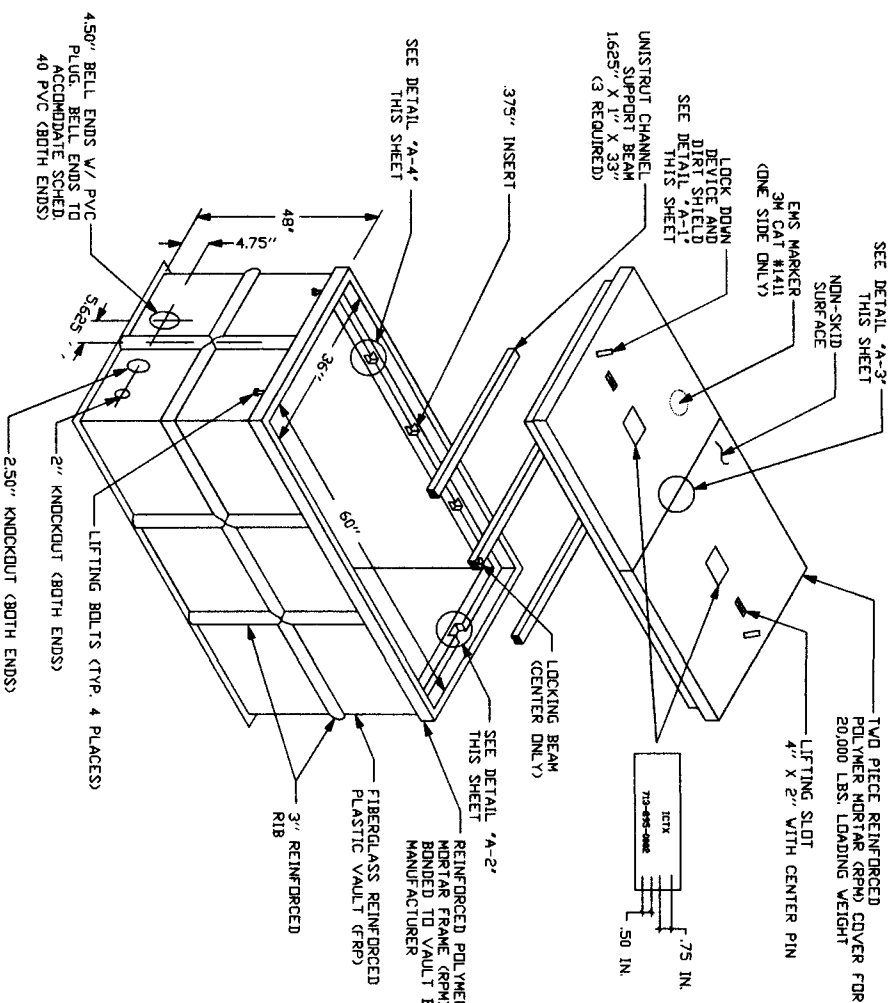
GENERAL CONSTRUCTION DETAILS



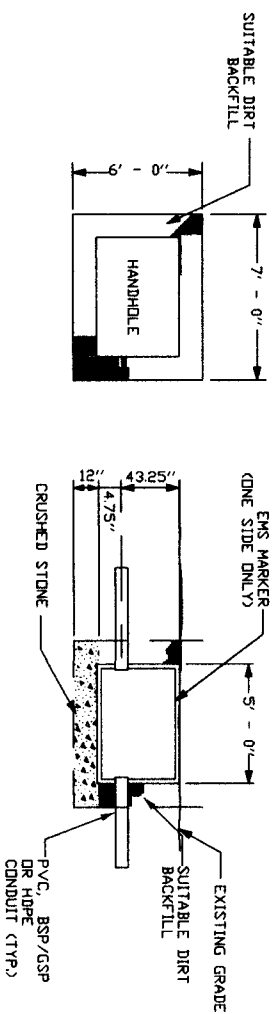
FILE NO. 5/25/14
DRAWING SCALE: NTS
VERT. NTS
SHEET 8 OF 9

3' x 5' x 4' HANDHOLE DETAILS

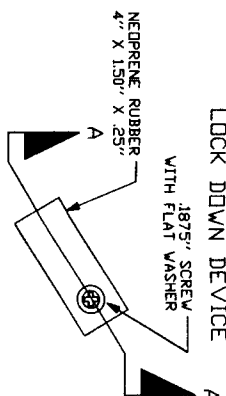
DETAIL "A"
EXPLODED ISOMETRIC DETAIL



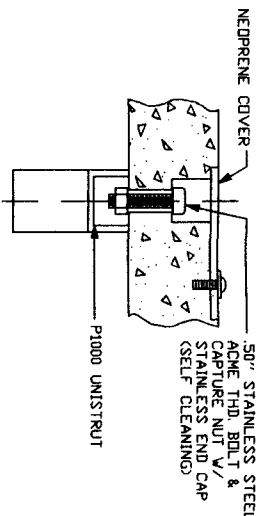
DETAIL "C"
EXCAVATION PIT
PLAN
PROFILE



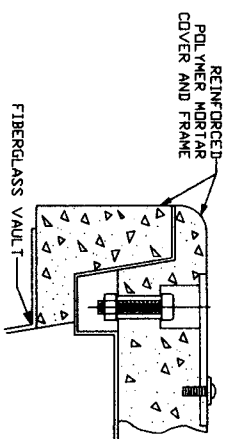
DETAIL "A-1"
LOCK DOWN DEVICE



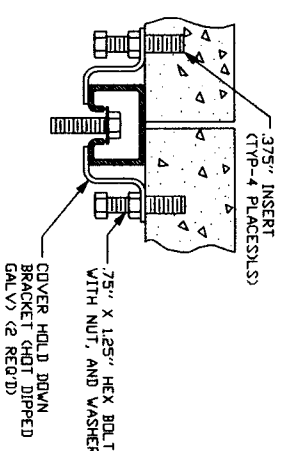
DETAIL "A-2"
ENGAGED LOCK DOWN DEVICE



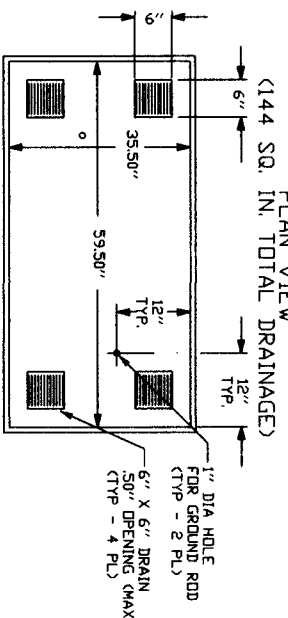
SECTION A-A
LOCKING DEVICE
CROSS SECTION



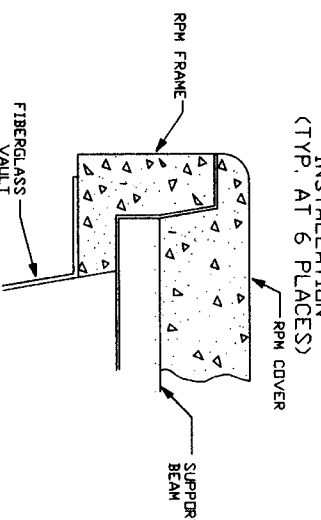
DETAIL "A-3"
COVER HOLD DOWN BRACKET OF 2-PIECE RPM COVER



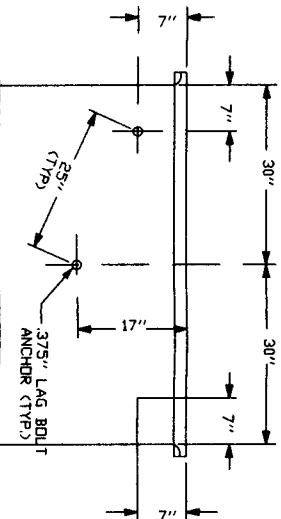
DETAIL "B"
VAULT BOTTOM
PLAN VIEW



DETAIL "A-4"
SUPPORT BEAM
INSTALLATION



DETAIL "D"
SIDE WALL VIEW
INSIDE LOOKING OUT



- NOTES:
1. VOID IN EXCAVATED AREAS TO BE BACKFILLED WITH SELECT MATERIAL.
 2. BOTTOM OF EXCAVATED PIT TO BE BACKFILLED WITH 12" OF CRUSHED STONE (75" GRADE).
 3. SPOILING WILL BE REQUIRED.
 4. THIS HANDHOLE IS OF FIBERGLASS MATERIAL, APPROXIMATELY 100 LBS. IN WEIGHT. THE LIDS ARE POLYMER CONCRETE MATERIAL, EACH APPROXIMATELY 100 LBS.

NOTE:
LINEAR DISTANCE BETWEEN LAG BOLT ANCHORS MUST BE 25".

DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE SHOWN ON RECORD PLANS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
 2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
 3. CONTRACTOR'S RESPONSIBILITY FOR PROTECTING EXISTING UTILITIES AND STRUCTURES.

JOB NUMBER: J207309

TEO LLC

5510 Community Drive
Houston, Texas
77005
281-536-5123 OFFICE
713-668-6334 FAX
leoic@gmail.com
FIRM # F-8978

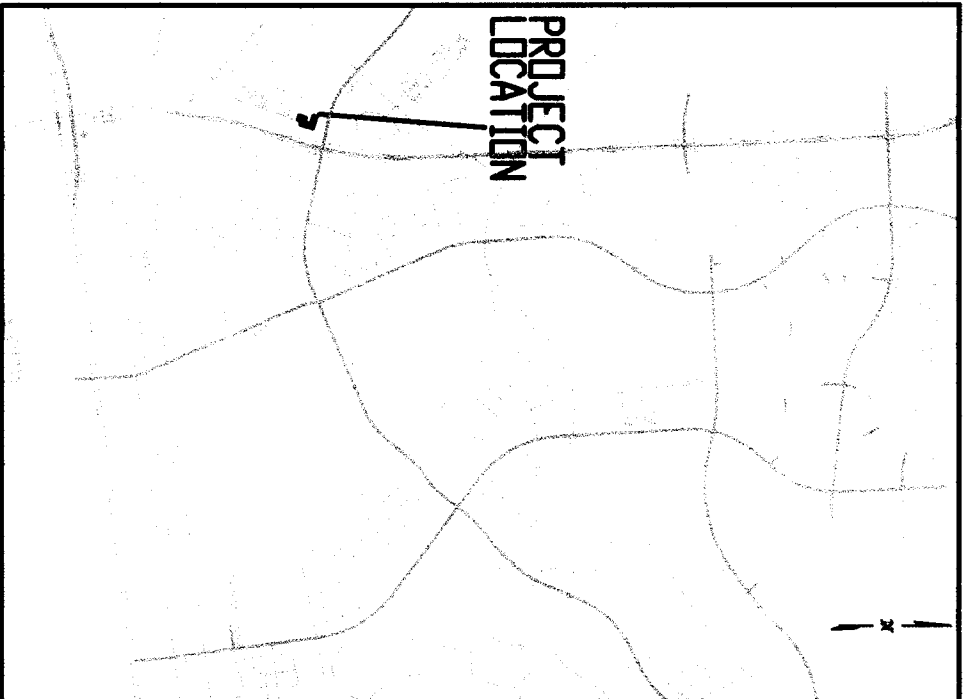
WAVEMEDIA
TELECOM, LLC.

EMERGENCY # 1-713-895-0002

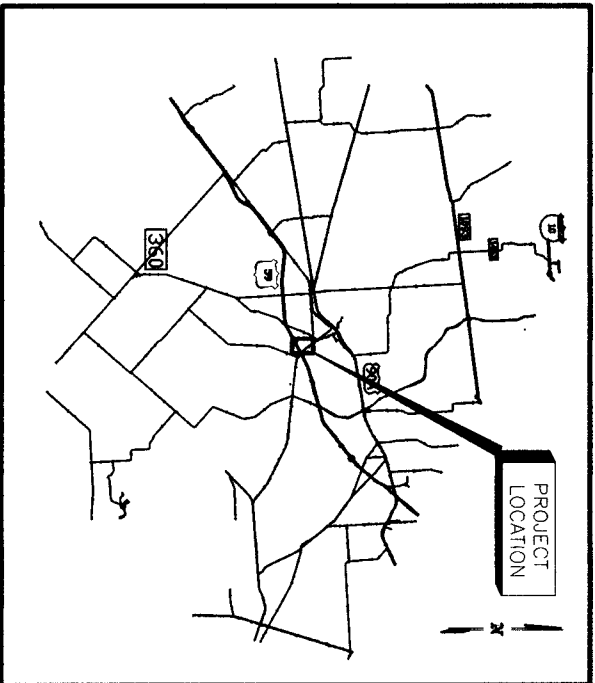


HANDHOLE DETAIL

FILE NO.	TBD FT BEND COUNTY USE ONLY
DATE:	5/25/14
DRAWING SCALE:	
HORZ:	NTS
VERT:	NTS
SHEET NO.	9 OF 9



VICINITY MAP



LOCATION MAP



TELECOMMUNICATION CONDUITS
ALONG TRANQUIL SPRINGS LN
BETWEEN MARBLE SPRINGS
FORT BEND COUNTY
TEXAS

NEW BUILD

KEY MAP#: 525B

ZIP CODE: 77494



*NO KNOWN PROPOSED WASTEWATER WORK IS INVOLVED.
**NO KNOWN PROPOSED DRAINAGE WORK IS INVOLVED.

TITLE OF DRAWING	SHT. NO.	STATION
TITLE SHEET	1	
GENERAL NOTES	2	
CONSTRUCTION DRAWING	3	
TRAFFIC CONTROL PLAN	4	
GENERAL CONSTRUCTION DETAIL	5	
HANDHOLE DETAILS	6	

NOTES:
THE CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, ENGINEERING CONSTRUCTION DIVISION (TELEPHONE NO. 713-853-1450) 48 HOURS BEFORE STARTING WORK ON THIS PROJECT

PROJECT NAME TRANQUIL SPRINGS
JOB NUMBER: J1301186

TEO, LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-688-6334 FAX
teo@teolc.com
FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

SURVEY BY: ICTX
F B NO

SHEET NO 1 OF 6 SHEETS

GENERAL CONSTRUCTION NOTES:

1. WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE ARE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE DOCUMENTS & STREET PAVING-STANDARD CONSTRUCTION SPECIFICATIONS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING, STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING AND THE INFRASTRUCTURE DESIGN MANUAL PUBLISHED BY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002.
2. ALL UTILITIES PRESENT ON THESE DRAWINGS ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY IN THE FIELD THE EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL NOTIFY TEXAS ONE CALL AT 713-223-4367 AT LEAST 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION.
3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES TO EXISTING WATER MAINS, WATER LINES AND UTILITY CONTROL DEVICES. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE STANDARD CONSTRUCTION SPECIFICATIONS FOR PUBLIC WORKS AND ENGINEERING'S STANDARD CONSTRUCTION SPECIFICATIONS, REFERENCED ABOVE, AT NO COST TO THE CITY OF HOUSTON.
4. CONTRACTOR SHALL NOTIFY THE OFFICE OF THE CITY ENGINEER, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AT 713-863-1450 FOR INSPECTION AT LEAST 48 HOURS PRIOR TO COMMENCING THE CONSTRUCTION.
5. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION, AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
6. CONTRACTOR IS TO PRESERVE AND PROTECT EXISTING TREES AND PLANTS FROM FOLiage, BRANCH, TRUNK AND/OR ROOT DAMAGE THAT COULD RESULT FROM CONSTRUCTION OPERATIONS AS PER THE CITY OF HOUSTON STREET TREE EXISTENCE AND CITY OF HOUSTON SPECIFICATION 01562. INSIDE OF THE CITY'S EXISTING PAVED PUBLIC ROAD R-O-Ws AND ANY AFFECT COMMERCIAL BUILDING LINE SETBACK AREAS.
7. THE CONTRACTOR SHALL COMPLY WITH THE LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.
8. IF THE CONSTRUCTION DOES NOT BEGIN WITHIN A YEAR AFTER THE PLANS HAVE BEEN SIGNED, NEW SIGNATURES MUST BE OBTAINED AND LETTERS OF AVAILABILITY MUST BE UPDATED.
9. CONTRACTOR SHALL PREPARE A SET OF "AS-BUILT" DRAWINGS SHOWING ANY FIELD CHANGES MADE THROUGHOUT THE PROJECT. THESE AS-BUILT PLANS AND SUBMIT TO THE DESIGN CONSULTANT FOR SUBMISSION TO CITY ENGINEER.
1. CONDITION OF THE ROAD AND/OR RIGHT OF WAY, UPON COMPLETION OF JOB, SHALL BE AS GOOD AS OR BETTER THAN PRIOR TO STARTING WORK.
2. EXPOSE 12" OF REINFORCING STEEL AT PROPOSED SWEED JOINT. REINFORCING STEEL SHALL BE 6 BAR, #4, 10" LONG, 12" DIA. HORIZONTAL DOWNS SHALL BE 6 BARS, #4, 10" LONG, 12" DIA. C-DRILLED AND EMBEDDED 8" INTO THE CENTER OF THE EXISTING SLAB WITH "NO ROCK OR EQUAL.
3. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT OF SPREADER PLANTS AND TREES ALONG THE AREA OF EXCAVATION. ALL BONE FITS SHALL BE OUTSIDE OF TREE CANOPY (CRITICAL ROOT ZONE). 3A)ND EQUIPMENT OR MATERIALS WILL BE STORED UNDER TREE CANOPY (CRITICAL ROOT ZONE).
- 3B)ALL PROTECTED TREES WILL BE FENCED AT DMP LINE.
- 3C)PERMIT MUST BE OBTAIN TO REMOVE ANY TREE IN RIGHT-OF-WAY.
4. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
5. CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS AND STATE OF TEXAS LAWS CONCERNING EXCAVATION, INCLUDING AND SHORING AS SPECIFIED IN CITY OF HOUSTON ORDINANCE 897-1457.
6. WHEELCHAM RAIPS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF HOUSTON STANDARDS AT ALL INTERSECTIONS WHERE SIDEWALKS EXIST AND MEET ADA REQUIREMENTS AND EXISTING CURB OR SIDEWALK IS DAMAGED OR REMOVED DURING CONSTRUCTION.

NOTE: ALL CONTRACTORS MUST SECURE "lane/street closure permits" FROM THE CITY'S DEPARTMENT OF PLANNING/DEVELOPMENT AND ENGINEERING BEFORE CLOSING A LANE, STREET OR SIDEWALK. THE REQUEST MUST BE MADE AT LEAST 10 BUSINESS DAYS BEFORE THE DATE OF REQUEST. THE CLOSURE IS SUBJECT TO THE CITY'S SCHEDULING AND MUST BE REQUESTED ON THE REQUEST MAY BE DENIED. CALL (713) 837-7280 FOR AN APPLICATION.

NOTE: NOTIFICATIONS ISSUED BY HARRIS COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT - ARCHITECTURE AND ENGINEERING DIVISION - PERMIT OFFICE - REQUIRED PRIOR TO CONSTRUCTION OF UTILITIES ON LEFT TURN LINES WITHIN HARRIS COUNTY AND HARRIS COUNTY FLOOD CONTROL DISTRICT RIGHTS-OF-WAY. CONTACT HARRIS COUNTY PERMIT OFFICE (713) 316-3590

- A) CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY REGULATION OF HARRIS COUNTY, TEXAS FOR FLOOD PLAN MANAGEMENT PRIOR TO STARTING CONSTRUCTION.
- B) OWNER TO OBTAIN ALL PERMITS REQUIRED BY HARRIS COUNTY, TEXAS PRIOR TO STARTING CONSTRUCTION OF UTILITY AND/OR CULVERTS WITHIN HARRIS COUNTY ROAD RIGHT OF WAY.

CONSTRUCTION NOTES

1. DIRECTIONAL BORING WILL BE UTILIZED WHEREVER POSSIBLE. ALL EXCAVATIONS WILL BE BACKFILLED PER CITY, DOT, AND COUNTY SPECIFICATIONS.
2. FIBER OPTIC WARNING TAP WILL BE PLACED 12" BELOW THE EXISTING GRADE IN ALL EXCAVATIONS.
3. VERIFICATION OF THE LOCATION OF EXISTING UTILITY CROSSING IS THE RESPONSIBILITY OF THE CONTRACTOR. HAND DIGGING WILL BE UTILIZED WHERE REQUIRED.
4. CALL THE LOCAL UTILITY ONE-CALL AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION.
5. A 24" SEPARATION BETWEEN CITY OF HOUSTON FACILITIES AND OTHER UTILITIES WILL BE MAINTAINED.
6. CONDUIT COPS WILL BE PLACED ON THE ENDS OF ALL VACANT DUCTS DURING CONSTRUCTION, UPON COMPLETION, AND WHILE Awaiting FIBER INSTALLATION. 3 - 125 " HOPE AS SHOWN ON DRAWINGS.
7. THE MINIMUM BENDING RADIUS FOR FIBER CABLE WILL BE 24".
8. MINIMUM CABLE TENSION TENSION WILL NOT EXCEED 600 POUNDS. A 600 POUND BREAKAWAY SWIVEL WILL BE USED DURING PULLING.
10. THE REMOVAL AND STORAGE OF ALL SHREDBERY TO BE REPLACED IS THE RESPONSIBILITY OF THE CONTRACTOR.
11. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING THE CONSTRUCTION AREA TO ORIGINAL OR BETTER CONDITION.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO A COMPLETE SET OF RED-LINED DRAWINGS TO TYPES AND THE CITY OF HOUSTON WITHIN 14 DAYS OF COMPLETION OF THE WORK.
13. CONDUITS WILL BE TERMINATED NO MORE THAN SIX (6) INCHES ABOVE THE FLOOR GRADE IN HANDHOLES.
14. PLACE AT LEAST DEPTH (8) INCHES OF CRUSHED ROCK IN THE BOTTOM OF HANDHOLE FITS PRIOR TO PLACING THE WIRE MESH (2 SQUARES PER INCH) AND THE HANDHOLE.
15. PLACE 100 FEET FIBER SLACK COIL IN EACH HANDHOLE/HANDHOLE.
16. BARRIED POWER LINES: HAND DIG AS REQUIRED.
17. BARRIED FIBER OPTIC TELEPHONE CABLES: HAND DIG AS REQUIRED.
18. BARRIED CANY CABLES: HAND DIG AS REQUIRED.
19. BARRIED GAS LINES: HAND DIG AS REQUIRED.
20. BORE OUTSIDE THE DRAINAGE OF ALL TREES TO PREVENT ROOT DAMAGE (CRITICAL ROOT ZONE).
21. WHEN TREENCHING, BORE IF A TREE ROOT OF 1" DIAMETER OR LARGER IS ENCOUNTERED.
22. UNLESS OTHERWISE INDICATED, RIGHT OF WAY (ROW) LINES COINCIDE WITH THE BACK OF SIDEWALK.
23. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY, CALL TEXAS ONE CALL AT 1-800-246-4343.

UNDERGROUND GAS FACILITIES

- LOCATIONS OF CENTERPOINT ENERGY MAIN LINES (TO INCLUDE CENTERPOINT ENERGY INTERSTATE PRELITE, LLC, WHERE APPLICABLE) ARE SHOWNING AN APPROXIMATE LOCATION ONLY. SERVICE LINE ARE USUALLY NOT SHOWN, NOT SHOWN. OUR SIGNATURE ON THESE PLANS ONLY INDICATES THAT OUR FACILITIES ARE SHOWN IN APPROXIMATE LOCATION. IT DOES NOT IMPLY THAT A COMPLET ANALYSIS HAS BEEN MADE. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT (713) 223-4567 OR 1-800-469-4344 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.
- * WHEN CENTERPOINT ENERGY PIPE LINE WARNINGS ARE NOT VISIBLE CALL (713) 987-8037 (7:30 am TO 4:30 pm.) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION
 - * WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES.
 - * WHEN CENTERPOINT ENERGY FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

WARNING: OVERHEAD ELECTRICAL FACILITIES

OVERHEAD LINES MAY EXIST ON THE PROPERTY. WE HAVE NOT ATTEMPTED TO MARK THESE LINES BECAUSE THEY ARE CLEARLY VISIBLE, BUT YOU SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH AND SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH PERSONS OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES. PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTOR, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS CARRIES BOTH CRIMINAL AND CIVIL LIABILITY TO ARRANGE FOR LINES TO BE TURNED OFF OR REMOVED CALL CENTERPOINT ENERGY AT 713-207-2222.

TRENCH SAFETY SYSTEMS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREPARE SHOP DRAWINGS FOR THE "TRENCH SAFETY SYSTEM" AS REQUIRED BY O.S.H.A. BY A LICENSED PROFESSIONAL ENGINEER RETAINED AND PAID BY THE CONTRACTOR.

STORM SEWER CONSTRUCTION NOTES

1. STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE (C-76, CLASS III), AND SHALL BE INSTALLED, BEDDED AND BACKFILLED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWINGS NOS. 02317-02, 02317-03, 02317-05, 02317-06, AND 20317-07 (OCT. 2002) AS APPLICABLE UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
2. ALL STORM SEWER CONSTRUCTED IN SIDE LOT EASEMENT SHALL BE R.C.P. (C76, CLASS III) AND SHALL BE BEDDED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWING NOS. 02317-02, 02317-03, 02317-05, 02317-06, AND 02317-07 AS APPLICABLE.
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 1-1/2" SACK CEMENT/C.I. STABILIZED SAND TO WITH IN ONE (1) FOOT OF SUBGRADE. THE REMAINING DEPTH OF TRENCH SHALL BE BACKFILLED WITH SAMPABLE EARTH MATERIAL.
4. ALL TRENCH BACKFILLS SHALL BE IN 8' LIFTS, WITH TEST TAKEN AT 100 FOOT INTERVALS ON EACH LIFT, AND MECHANICALLY COMPACTED TO A DENSITY OF NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST (ASTM D-698/ASTM T99).
5. CIRCULAR AND ELLIPTICAL REINFORCED CONCRETE PIPE SHALL BE INSTALLED USING RUBBER, GASKET JOINTS CONFORMING TO ASTM C443 AND ASTM C577 RESPECTIVELY.
6. ALL STORM SEWER PIPES AND INLET LEADS SHALL BE 24-INCH AND LARGEST RATED (C-76, CLASS III).
7. ALL PROPOSED PIPE SHALL BE SLOPE-CAID FROM MANHOLE AND METES ARE TO BE FLUSHED WITH A BLOCK WALLS UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL PROVIDE 12" MINIMUM CLEARANCE AT STORM SEWER AND WATER CROSSINGS.
9. ADJUST MANHOLE COVERS TO GRADE CORRESPONDING TO REQUIREMENTS OF SECTION 02086-ADJUSTING MANHOLES, INLETS AND VALVE BOXES TO GRADE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, MAINTAINING AND RESTORING ANY BACK SLOPE DRAINAGE SYSTEM DISTURBED AS RESULT OF HIS WORK.
11. ALL DITCHES SHALL BE REGRADED TO PROPOSED ELEVATIONS TO INSURE PROPER DRAINAGE. ALL CUTFILLS SHALL BE PROPERLY BACKFILLED AND COMPACTED. ALL DISTURBED AREAS SHALL BE REGRADED, SEEDD, AND FERTILIZED.
12. ALL DRAINWAYS WILL BE LOCATED TO AVOID EXISTING CURB INLET STRUCTURES.

SWPPP CONSTRUCTION NOTES

1. CONTRACTOR SHALL IMPLEMENT INLET PROTECTION DROPPES AND REINFORCED FLATER FABRIC BARRIED ALONG ROAD AND SEE DITCHES AT LOCATIONS SHOWN ON THE TYPICAL STORM WATER POLLUTION PREVENTION (SWPPP) PLAN TO KEEP SILT AND / OR EXCAVATION MATERIALS FROM ENTERING ONTO THE STORM WATER INLETS AND DITCHES. EVENTUALLY POLLUTING THE REMAINING STORM DRAINAGE.
2. DURING THE EXCAVATION PHASE OF THE PROJECT CONTRACTOR SHALL SCHEDULE THE WORK IN SHORT SECTIONS SO THAT EXCAVATED MATERIAL CAN BE QUICKLY HAULED AWAY FROM THE SITE AND TO PREVENT IT FROM STAYING UNCOLLECTED ON THE EXISTING PAVEMENT. ANY LOOSE EXCAVATED MATERIAL WHICH FALLS ON PAVEMENTS OR DRAINWAYS SHALL BE SWEEP BACK INTO THE EXCAVATED AREA.
3. CONTRACTOR SHALL CLEAN UP THE EXISTING STREET INTERSECTIONS AND ROCK TRACKED FROM THE EXCAVATED AREA.
4. CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING THE CONSTRUCTION OF THE PROJECT, ALWAYS CLEANING UP DIRT AND LOOSE MATERIAL AS CONSTRUCTION PROGRESSES.
5. CONTRACTOR TO INSPECT AND MAINTAIN THE AREAS LISTED BELOW AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
6. DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
 - * AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
 - * STRUCTURAL CONTROL MEASURES.
 - * LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE.
7. CONTRACTOR TO BE RESPONSIBLE TO MAINTAIN EXISTING DITCHES AND / OR CULVERTS FOR UNOBSTRUCTED DRAINAGE AT ALL TIMES. WHERE SOODING IS DISTURBED BY EXCAVATION OR BACKFILLING OPERATIONS, SUCH AREAS SHALL BE REPLACED BY SEEDING OR SOODING. SLOPES 4:1 OR STEEPER SHALL BE REPLACED BY BLOCK SOODING.

FIRM FLOOD INSURANCE RATE MAP

PANEL 0420L OF 1150
W074 482010420L
MAP REVISED JUNE 18, 2007

DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
 2. CALL UNDERGROUND SERVICE ALERT AT 1-800-345-6377 AT LEAST 48 HOURS BEFORE CONSTRUCTION RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TEO, LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
teo@tmail.com
FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

EMERGENCY # 1-713-895-0002



GENERAL NOTES

1. THE LOCATIONS OF SBC FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CALL 1-800-344-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF SBC FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE SBC FACILITIES.
4. WHEN SBC FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.

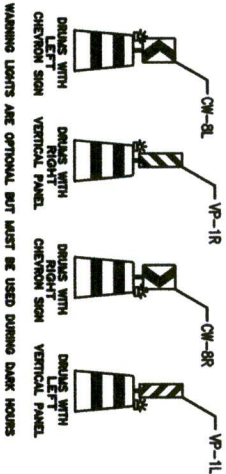
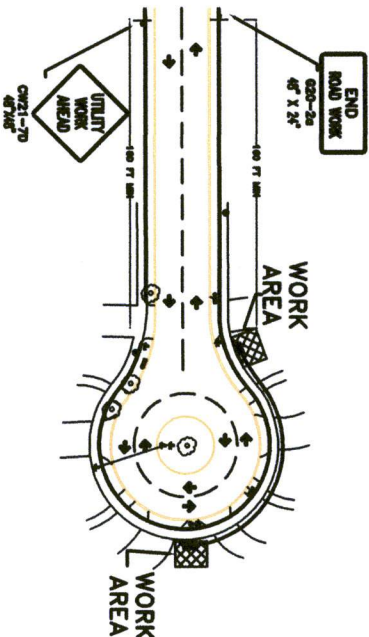
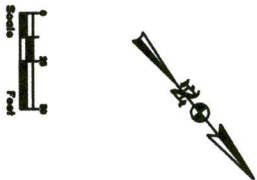
SBC FACILITIES

STREET AND BRIDGE NOTES:

1. EXISTING PAVEMENT, CURBS, SIDEWALKS, AND DRIVEWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED TO CITY OF HOUSTON STANDARDS.
2. WHEEL CHAIR RAIPS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON STANDARDS AT ALL INTERSECTIONS WHERE EXISTING CURB OR SIDEWALK IS DAMAGED OR REMOVED DURING CONSTRUCTION.
3. PRIOR TO STREET CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AT 713-535-7579 OR 713-535-7582 AND COMPLY WITH ALL REQUIREMENTS FOR THE ISSUANCE OF THE NECESSARY PERMITS / WORK ORDERS FOR STREET CONSTRUCTION.

FILE NO	DATE	06/16/14
DRAWING SCALE		
HORIZ	NTS	
VERT	NTS	
SHEET No	2	OF 6

WARNING SIGNS ALONG MAJOR ROAD
APPLY TO STATIONS 0+00 – END (ALONG TRAINQUIL SPRINGS–NORTHBOUND)



FORT BEND COUNTY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
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 (TEXAS MUTCD, MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION.
- 2 - NO LANES SHALL BE CLOSED DURING CONSTRUCTION.
- 3 - CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOUR AND OPEN LANES FOR NORMAL TRAFFIC FLOW.
- 4 - IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF TRAFFIC CONTROL PLANS DURING THE CONSTRUCTION THAN WHAT IS OUTLINED IN THE CONTRACT DRAWINGS, HE/SHE SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT AN ALTERNATE SET REPRODUCIBLE INTUING, SEALED AND SIGNED BY A LICENSED ENGINEER IN THE STATE OF TEXAS, WITH THE ENTIRE APPROVED SET OF DRAWINGS, TO FORTD TRAFFIC SECTION FOR REVIEW AND APPROVAL, TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
- 5 - APPROVED COPIES OF THE TRAFFIC CONTROL PLANS AND LANE CLOSURE PERMITS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.
- 6 - CONTRACTOR SHALL MAINTAIN LOCAL DRIVEWAY ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES ADJACENT TO WORK AREA AT ALL TIMES.
- 7 - CONTRACTOR SHALL NOTIFY FIRE, POLICE, METROPOLITAN TRANSIT AUTHORITY, AND SCHOOLS FIVE (5) WORKING DAYS PRIOR TO IMPLEMENTATION FOR TRAFFIC CONTROLS.
- 8 - IF THE PROJECT IS WITHIN 400 FT FROM A SIGNALIZED INTERSECTION, THE CONTRACTOR SHALL CONTACT FT BEND PUBLIC INFRASTRUCTURE DEPARTMENT, SIGNAL DIVISION AT () PRIOR TO THE START OF CONSTRUCTION. FIVE (5) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

LEGENDS:

- WORK AREA
- ROAD/LANE CLOSED AREA
- DRUMS WITH LEFT CHEVRON SIGN
- DRUMS WITH RIGHT CHEVRON SIGN
- DRUMS WITH RIGHT CHEVRON SIGN
- DRUMS WITH LEFT VERTICAL PANEL
- PLASTIC DRUMS
- 28" TUBULAR MARKERS
- 28" TRAFFIC CONES
- TRAFFIC CONSTRUCTION SIGNS
- TYPE III BARRICADE WITH 2 TYPE "A" WARNING LIGHTS
- LAW OFFICER
- FLAGGER
- FLASHING ARROW PANEL
- DIRECTION OF TRAFFIC FLOW

JOB NUMBER: J1301186

THIS DOCUMENT IS RELEASED
FOR INTERIM REVIEW ONLY
UNDER THE AUTHORITY OF
E. GALVAN
P.E. SERIAL NO.: 51528
ON: OCTOBER 21, 2009
IT IS NOT TO BE USED FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES.

TEO.LLC
5510 Community Drive
Houston, Texas
77005
281-536-5123 OFFICE
713-668-6334 FAX
teo@icm.com
FIRM # F-8978

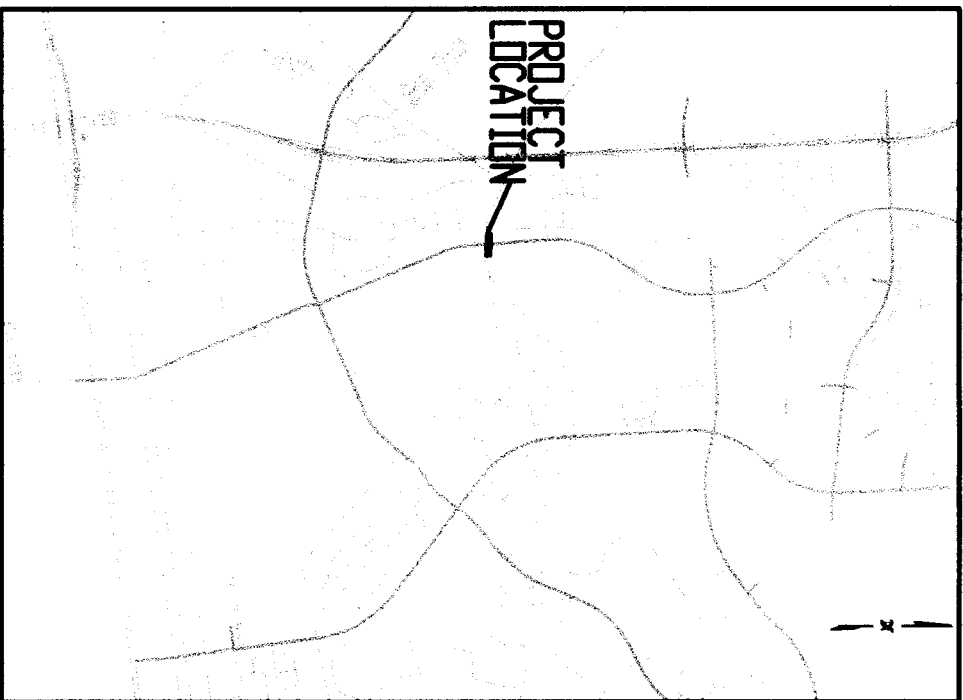
WAVEMEDIA
TELECOM, LLC.

EMERGENCY# 1-713-895-0002

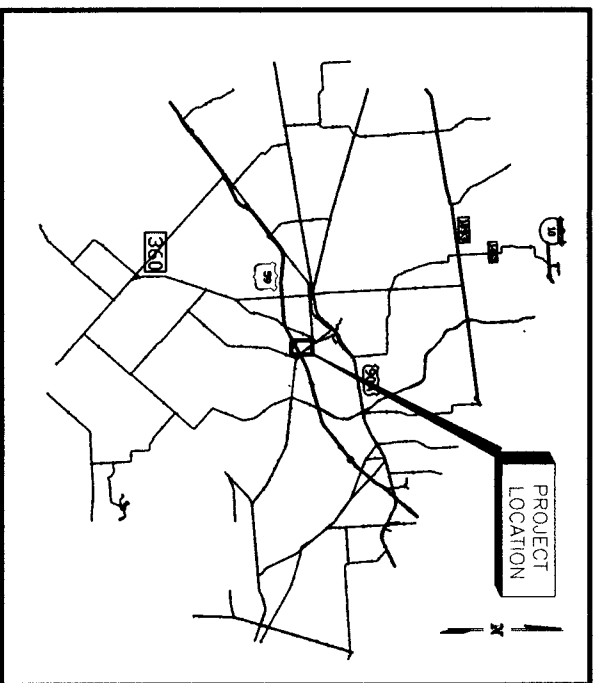


TRAFFIC CONTROL PLAN

FILE NO	
DATE: 06/16/14	
DRAWING SCALE:	
HORIZ: 1" = 50'	
VERT: NTS	
SHEET No 4 OF 6	



VICINITY MAP



LOCATION MAP

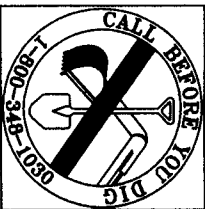


TELECOMMUNICATION CONDUITS
ALONG S PEEK RD
BETWEEN FRY & PARKWALK
FORT BEND COUNTY
TEXAS

NEW BUILD

KEY MAP#: 525C

ZIP CODE: 77494



*NO KNOWN PROPOSED WASTEWATER WORK IS INVOLVED.
**NO KNOWN PROPOSED DRAINAGE WORK IS INVOLVED.

TITLE OF DRAWING	SHT. NO.	STATION
TITLE SHEET	1	
GENERAL NOTES	2	
CONSTRUCTION DRAWING	3	
TRAFFIC CONTROL PLAN	4	
GENERAL CONSTRUCTION DETAIL	5	
HANDHOLE DETAILS	6	

NOTES:
THE CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, ENGINEERING CONSTRUCTION DIVISION (TELEPHONE NO. 713-863-1450) 48 HOURS BEFORE STARTING WORK ON THIS PROJECT

PROJECT NAME S PEEK RD
JOB NUMBER: J1301186

TEO, LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
teo@teolc.com
FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

SURVEY BY: ICITX
F B NO.
SHEET NO 1 OF 6 SHEETS

GENERAL CONSTRUCTION NOTES:

1. WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE ARE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE DOCUMENTS & STREET PAVING-STANDARD CONSTRUCTION SPECIFICATIONS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING. STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING AND THE INFRASTRUCTURE DESIGN MANUAL, PUBLISHED BY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002

2. ALL UTILITIES PRESENT ON THESE DRAWINGS ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY IN THE FIELD THE EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL NOTIFY TEXAS ONE CALL AT 713-223-4367 AT LEAST 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION.

3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES TO EXISTING WATER, WASTEWATER, STORM, WATER LINES AND PLANTIC CONTROL DEVICES. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S STANDARD CONSTRUCTION SPECIFICATIONS REFERENCED ABOVE, AT NO COST TO THE CITY OF HOUSTON.

4. CONTRACTOR SHALL NOTIFY THE OFFICE OF THE CITY ENGINEER, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AT 713-683-1450 FOR INSPECTION AT LEAST 48 HOURS PRIOR TO COMMENCING THE CONSTRUCTION.

5. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.

6. CONTRACTOR IS TO PRESERVE AND PROTECT EXISTING TREES AND PLANTS FROM FOLiage, BRANCH, TRUNK AND/OR ROOT DAMAGE THAT COULD RESULT FROM CONSTRUCTION OPERATIONS AS PER THE CITY OF HOUSTON STREET TREE ORDINANCE AND CITY OF HOUSTON SPECIFICATION 01592. INSIDE OF THE CITY'S EXISTING PAVED PUBLIC ROAD R-0-46 AND ANY AFFECT COMMERCIAL BUILDING LINE SETBACK AREAS.

7. THE CONTRACTOR SHALL COMPLY WITH THE LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LMS CONCERNING EXCAVATION.

8. IF THE CONSTRUCTION DOES NOT BEGIN WITHIN A YEAR AFTER THE PLANS HAVE BEEN SIGNED, NEW SIGNATURES MUST BE OBTAINED AND LETTERS OF AVAILABILITY MUST BE UPDATED.

9. CONTRACTOR SHALL PREPARE A SET OF "AS-BUILT" DRAWINGS SHOWING ANY FIELD CHANGES MADE TO THE APPROVED ENGINEERING PLANS AND SUBMIT TO THE DESIGN CONSULTANT FOR SUBMISSION TO CITY ENGINEER.

1.. CONDITION OF THE ROAD AND/OR RIGHT OF WAY, UPON COMPLETION OF JOB, SHALL BE AS GOOD AS OR BETTER THAN PRIOR TO STARTING WORK

2. EXPOSE 15" OF REINFORCING STEEL AT PROPOSED SAVED JUNT. IF NO REINFORCING STEEL EXISTS, USE HORIZONTAL DOWELS. REINFORCING STEEL SHALL BE PLACED AT LEAST 2" FROM THE BOTTOM OF THE EXISTING SLAB AND BE LOCATED TO THE CENTER OF THE EXISTING SLAB WITH NO ROD OR EQUAL.

3. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT OF SHRUBS, PLANTS AND TREES ALONG THE AREA OF EXCAVATION. ALL BONE PITS SHALL BE OUTSIDE OF TREE CANOPY (CRITICAL ROOT ZONE).

3A.NO EQUIPMENT OR MATERIALS WILL BE STORED UNDER TREE CANOPY (CRITICAL ROOT ZONE).

3B.ALL PROTECTED TREES WILL BE FENCED AT DRIP LINE.

3C.PERMUT MUST BE OBTAIN TO REMOVE ANY TREE IN RIGHT-OF-WAY.

4. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY

5. CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS AND STATE OF TEXAS LMS CONCERNING EXCAVATION. ALL EXCAVATION SHALL BE AS SPECIFIED IN CITY OF HOUSTON ORDINANCE 167-1457

6. WHEELCHAIR RAMPS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF HOUSTON STANDARDS AT ALL INTERSECTIONS WHERE SIDEWALKS EXIST AND MEET ADA REQUIREMENTS AND EXISTING CURB OR SIDEWALK IS DAMAGED OR REMOVED DURING CONSTRUCTION.

NOTE: ALL CONTRACTORS MUST SECURE "LAME/STREET CLOSURE PERMITS" FROM THE CITY'S DEPARTMENT OF PLANNING/DEVELOPMENT AND ENGINEERING BEFORE CLOSING A LANE, STREET OR SIDEWALK. THE REQUEST MUST BE MADE AT LEAST THREE BUSINESS DAYS PRIOR TO THE DATE FOR WHICH THE CLOSURE IS SOUGHT. NOTE THAT WORKING HOURS MAY BE RESTRICTED ON THE REQUEST MAY BE DENIED. CALL (713) 637-7280 FOR AN APPLICATION.

NOTE: NOTIFICATIONS ISSUED BY HARRIS COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT AND ENGINEERING'S STANDARD CONSTRUCTION SPECIFICATIONS REFERENCED ABOVE, AT NO COST TO THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002

A) CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY REGULATION OF HARRIS COUNTY, TEXAS FOR FLOOD PLAN MANAGEMENT PRIOR TO STARTING CONSTRUCTION.

B) OWNERS TO OBTAIN ALL PERMITS REQUIRED BY HARRIS COUNTY, TEXAS PRIOR TO STARTING CONSTRUCTION OF UTILITY AND/OR CULVERTS WITHIN HARRIS COUNTY ROAD RIGHT OF WAY.

CONSTRUCTION NOTES

1. DIRECTIONAL BORING WILL BE UTILIZED WHEREVER POSSIBLE. ALL EXCAVATIONS WILL BE BACKFILLED PER CITY, DOT, AND COUNTY SPECIFICATIONS.
2. FIBER OPTIC WARNING TAPE WILL BE PLACED 12" BELOW THE EXISTING GRADE IN ALL EXCAVATIONS.
3. VERIFICATION OF THE LOCATION OF EXISTING UTILITY CROSSING IS THE RESPONSIBILITY OF THE CONTRACTOR. HAND DIGGING WILL BE UTILIZED WHERE REQUIRED.
4. CALL THE LOCAL UTILITY ONE-CALL AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION.
5. A 24" SEPARATION BETWEEN CITY OF HOUSTON FACILITIES AND OTHER UTILITIES WILL BE MAINTAINED.
6. CONDUIT CARS WILL BE PLACED ON THE ENDS OF ALL VACANT DUCTS DURING CONSTRUCTION, UPON COMPLETION, AND WHILE AWAITING FIBER INSTALLATION.
7. INSTALL THREE 3 - 1.25 " HOPE AS SHOWN ON DRAWING.
8. THE MINIMUM BENDING RADIUS FOR FIBER CABLE WILL BE 24".
9. MAXIMUM CABLE INSTALLATION TENSION WILL NOT EXCEED 800 POUNDS. A 600 POUND BREAKAWAY SHAWEL WILL BE USED DURING FIBER INSTALLATION.
10. THE REGION, AND STORAGE OF ALL SHROBBERY TO BE REPLACED IS THE RESPONSIBILITY OF THE CONTRACTOR. FOR RESTORING THE CONSTRUCTION SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION AS-BUILT DRAWINGS AND PRESENT A COMPLETE SET OF RED-LINED DRAWINGS TO THE CITY OF HOUSTON WITHIN 14 DAYS OF COMPLETION OF THE WORK.
13. CONDUITS WILL BE TERMINATED NO MORE THAN SIX (6) INCHES ABOVE THE FLOOR GRADE IN HANDHOLES.
14. PLACE AT LEAST EIGHT (8) INCHES OF CRUSHED ROCK IN THE BOTTOM OF HANDHOLE PITS PRIOR TO PLACING THE WIRE MESH (2 SQUARES PER INCH) AND THE HANDHOLE.
15. PLACE 100 FEET FIBER SLACK COIL IN EACH HANDHOLE/HANDHOLE.
16. BARRER POWER LINES, HAND DIG AS REQUIRED.
17. BARRER FIBER OPTIC TELEPHONE CABLES, HAND DIG AS REQUIRED.
18. BARRER GAS LINES, HAND DIG AS REQUIRED.
20. BORE OUTSIDE THE DIRTLINE OF ALL TREES TO PREVENT ROOT DAMAGE (CRITICAL ROOT ZONE).
21. WHEN TREENKING, BORE IF A TREE ROOT OF 1" DIAMETER OR LARGER IS ENCOUNTERED.
22. UNLESS OTHERWISE INDICATED, RIGHT OF WAY (ROW) LINES CONCODE WITH THE BACK OF SIDEWALK.
23. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. CALL TEXAS ONE CALL AT 1-800-245-6445.

UNDERGROUND GAS FACILITIES

LOCATIONS OF CENTERPOINT ENERGY PLANT LINES (TO INCLUDE CENTERPOINT ENERGY INSTANT ENERGY LINES) WHERE APPLICABLE, ARE SHOWN IN APPROXIMATE LOCATION ONLY. SERVICE LINE ARE UNUSUALLY NOT SHOWN. NOT SHOWN, OUR SIGNATURE ON THESE PLANS ONLY INDICATES THAT OUR FACILITIES ARE SHOWN IN APPROXIMATE LOCATION. IT DOES NOT IMPLY THAT A CONFLICT ANALYSIS HAS BEEN MADE. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT (713) 223-4367 OR 1-800-686-8344 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.

* WHEN CENTERPOINT ENERGY PIPE LINE MARKINGS ARE NOT VISIBLE, CALL (713) 967-8037 (7:30 am. to 4:30 pm.) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION.

* WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES.

* WHEN CENTERPOINT ENERGY FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING.

THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

WARNING: OVERHEAD ELECTRICAL FACILITIES

OVERHEAD LINES MAY EXIST ON THE PROPERTY. WE HAVE NOT BEEN ADVISED TO WHAT THESE LINES ARE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND LOCATING ALL OVERHEAD LINES PRIOR TO BEGINNING ANY CONSTRUCTION. TEXAS LAW, SECTION 752. HEALTH AND SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH PERSONS OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES. PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTOR, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO AVOIDANCE FOR LINES TO BE TURNED OFF OR REMOVED CALL CENTERPOINT ENERGY AT 713-207-2222.

TRENCH SAFETY SYSTEMS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREPARE SHOP DRAWINGS FOR THE "TRENCH SAFETY SYSTEM" AS REQUIRED BY OSHA, BY A LICENSED PROFESSIONAL ENGINEER RETAINED AND PAID BY THE CONTRACTOR.

STORM SEWER CONSTRUCTION NOTES

1. STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE (C-76, CLASS B), AND SHALL BE INSTALLED, BEDDED AND BACKFILLED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWINGS NOS. 02317-02, 02317-03, 02317-05, 02317-06, AND 20317-07 (OCT. 2002) AS APPLICABLE UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
2. ALL STORM SEWER CONSTRUCTED IN SIDE LOT EASEMENT SHALL BE R.C.P. (C76, CLASS B) AND SHALL BE BEDDED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWING NOS. 02317-02, 02317-03, 02317-05, 02317-06, AND 02317-07 AS APPLICABLE.
3. ALL SEWER UNDER PROPOSED OR FUTURE PAVEMENT AND TO A POINT ONE (1) FOOT BACK OF ALL PROPOSED OR FUTURE CARS SHALL BE BACKFILLED WITH 1-1/2" SACK GOMBY/C.I. STABILIZED SAND TO WITH IN ONE (1) FOOT OF SUBGRADE. THE REMAINING DEPTH OF TRENCH SHALL BE BACKFILLED WITH STABLE DRAIN MATERIAL.
4. ALL TRENCH BACKFILLS SHALL BE IN 8' LIFTS, WITH TEST TAKEN AT 100 FOOT INTERVALS ON EACH LIFT, AND MECHANICALLY COMPACTED TO A DENSITY OF NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST (ASTM D-698/ASTM D79).
5. CIRCULAR AND ELIPTICAL REINFORCED CONCRETE PIPE SHALL BE INSTALLED USING RESPECTIVELY, GASKET JOINTS CONFORMING TO ASTM C443 AND STIFF CENTERPIES.
6. ALL STORM SEWER PITS SHALL BE 24-INCH AND LARGER R.C.P. (C-76, CLASS B).
7. ALL PROPOSED OPEN STRUCTURES FROM MANHOLE AND INLETS ARE TO BE PLUGGED WITH A BORE WALLS UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL PROVIDE 12" MINIMUM CLEARANCE AT STORM SEWER AND WATER CROSSINGS.
9. ADJUST MANHOLE COVERS TO GRADE CONFORMING TO REQUIREMENTS OF SECTION 02066-HOUSTING MANHOLES, INLETS AND VALVE BOXES TO GRADE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, MAINTAINING, AND RESTORING ANY BACK SLOPE DRAINAGE SYSTEM DISTURBED AS RESULT OF HIS WORK.
11. ALL DITCHES SHALL BE REGRADED TO PROPOSED ELEVATIONS TO INSURE PROPER DRAINAGE. ALL OUTFALLS SHALL BE PROPERLY BACKFILLED AND COMPACTED. ALL DISTURBED AREAS SHALL BE REGRADED, SEEDD, AND FERTILIZED.
12. ALL DRIVEWAYS WILL BE LOCATED TO AVOID EXISTING CURB INLET STRUCTURES.

SWPPP CONSTRUCTION NOTES

1. CONTRACTOR SHALL IMPLEMENT INLET PROTECTION DEVICES AND REINFORCED FILTER FABRIC BARRIER ALONG ROAD AND SIDE DITCHES AT LOCATIONS SHOWN ON THE TYPICAL STORM WATER POLLUTION PREVENTION (SWPPP) PLANS TO KEEP SILT AND / OR EXCAVATION MATERIALS FROM ENTERING ONTO THE STORM WATER INLETS AND DITCHES ESPECIALLY POLLUTING THE RECEIVING STORM DRAINAGE. THE EXCAVATION PHASE OF THE PROJECT, CONTRACTOR SHALL SCHEDULE THE WORK IN SHORT SEGMENTS SO THAT EXCAVATED MATERIAL CAN BE QUICKLY HAILED AWAY FROM THE SITE AND TO PREVENT IT FROM STAVING UNCOLLECTED ON THE EXISTING PAVEMENT. ANY LOOSE EXCAVATED MATERIAL, WHICH FALLS ON PAVEDMENTS OR DRIVEWAYS SHALL BE SWEEP BACK INTO THE EXCAVATED AREA.
3. CONTRACTOR SHALL CLEAN UP THE EXISTING STREET INTERSECTIONS AND DRIVEWAYS DAILY, AS NECESSARY, TO REMOVE ANY EXCESS MUD, SILT OR ROCK TRACKED FROM THE EXCAVATED AREA.
4. CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING THE CONSTRUCTION OF THE PROJECT, ALWAYS CLEANING UP DIRT AND LOOSE MATERIAL AS CONSTRUCTION PROGRESSES.
5. CONTRACTOR TO RESPECT AND MAINTAIN THE AREAS LISTED BELOW AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
- * DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- * AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- * STRUCTURAL CONTROL MEASURES.
- * LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE.
- * CONTRACTOR TO BE RESPONSIBLE TO MAINTAIN EXISTING DITCHES AND / OR CULVERTS FOR UNOBSERVED DRAINAGE AT ALL TIMES. WHERE SOILING IS DISTURBED BY EXCAVATION OR BACKFILLING OPERATIONS, SUCH AREAS SHALL BE REPLACED BY SEEDING OR SOILING. SLOPES 4:1 OR STEEPER SHALL BE REPLACED BY BLOCK SOILING.

FIRM FLOOD INSURANCE RATE MAP

FWP# 48201024200 OF 1180
MAP REVISED JUNE 18, 2007

STREET AND BRIDGE NOTES:

1. EXISTING PAVEMENT, CURBS, SIDEWALKS, AND DRIVEWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED TO CITY OF HOUSTON STANDARDS.
2. WHEEL CHAIR RAMPS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON STANDARDS AT ALL INTERSECTIONS WHERE EXISTING CURB OR SIDEWALK IS DAMAGED OR REMOVED DURING CONSTRUCTION.
3. PRIOR TO STREET CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AT 713-633-1579 OR 713-633-7582 (AND COMEY) WITH ALL REQUIREMENTS FOR THE ISSUANCE OF THE NECESSARY PERMITS / WORK ORDERS FOR STREET CONSTRUCTION.

SBC FACILITIES

1. THE LOCATIONS OF SBC FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CALL 1-800-344-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF SBC FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE SBC FACILITIES.
4. WHEN SBC FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.

DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED. UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
 3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TEO.LLC

5510 Community Drive
Houston, Texas
77005
281-536-5123 OFFICE
713-668-6394 FAX
teobk@gmail.com
FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

EMERGENCY# 1-713-895-0002



GENERAL NOTES

FILE NO	
DATE	06/16/14
DRAWING SCALE	
HERZ	NTS
VERT	NTS
SHEET No	2 OF 6

DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE MAPS AND FIELD ENGINEERING OBSERVATIONS. CONTRACTORS SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECT, AND REPAIR IF DAMAGED.
 2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS BEFORE ANY EXCAVATION.
 3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TOTALS

FIBER THIS SHEET: 100
FIBER CUMULATIVE: -
STATIONING 0+00--END
CONDUIT 100 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	100' EA
BURIED CABLE MARKER	2
RISER/BOREHOLE VAULT	1/1/1

TEO.LLC

5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
tboke@gmail.com
FIRM # F-8978

EMERGENCY# 1-713-895-0002

ICTX WAVEMEDIA

PRIVATE UTILITY LINES SHOWN
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET P.L.A.N. OR
EASEMENTS CALL THE LINE STAK INDICATOR 713-253-4987.

Contract/Drawn/Revised/Revised	Date
Initial of those of author only.	

Field notes	Date
Field notes	

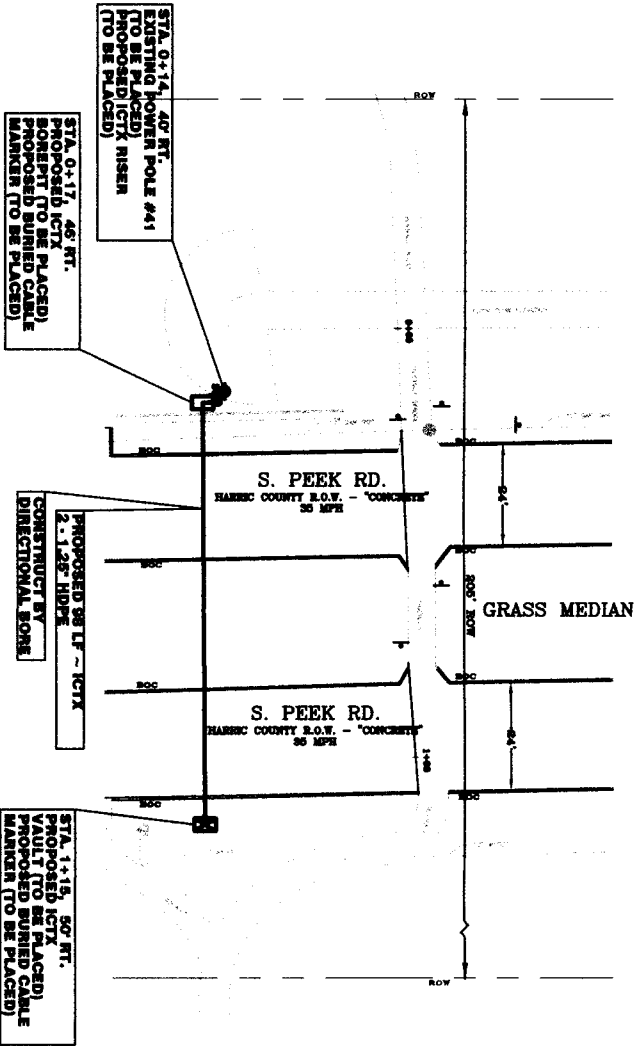
Contract/Drawn/Revised/Revised	Date
Field notes	

NOTE: CITY SPECIFICATIONS VALID FOR ONE YEAR ONLY
AFTER DATE OF SUBMITTAL

FORT BEND COUNTY

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE: 06/16/14	
DRAWING SCALE: 1"= 20'	
VERT: 1"= 02'	
SHEET No: 3 of 6	



NOTE:
THE CONTRACTOR IS TO CONSTRUCT THE RISER AND VAULT AT THE LOCATION SHOWN ON THE DRAWING. THE RISER AND VAULT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF FORT BEND COUNTY SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECT, AND REPAIR IF DAMAGED.

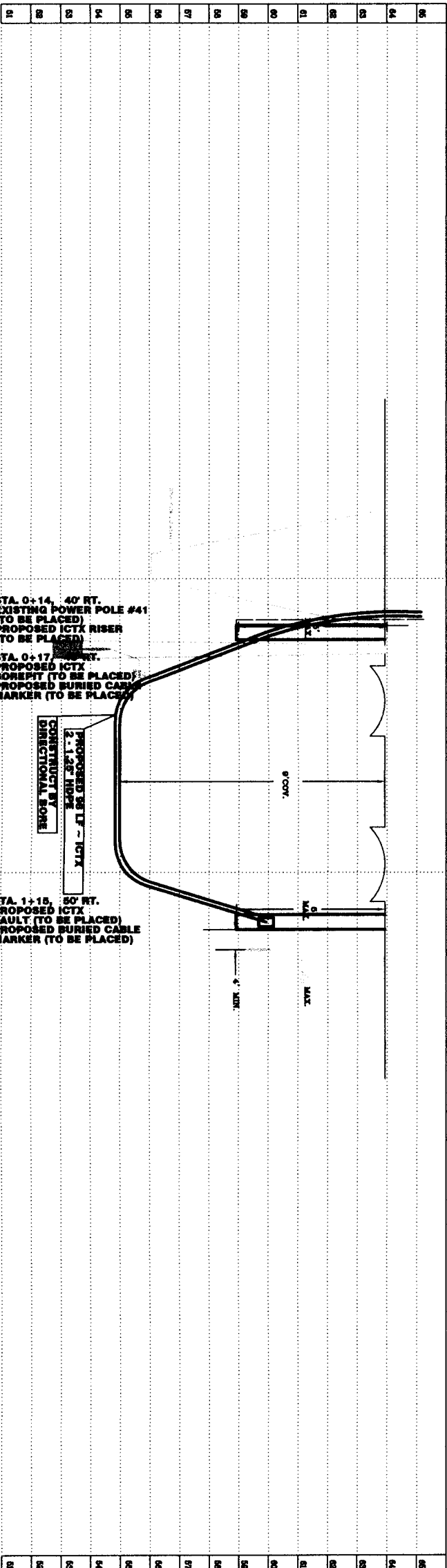
NOTE:
THE CONTRACTOR IS TO CONSTRUCT THE RISER AND VAULT AT THE LOCATION SHOWN ON THE DRAWING. THE RISER AND VAULT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF FORT BEND COUNTY SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECT, AND REPAIR IF DAMAGED.

NOTE:
THE CONTRACTOR IS TO CONSTRUCT THE RISER AND VAULT AT THE LOCATION SHOWN ON THE DRAWING. THE RISER AND VAULT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF FORT BEND COUNTY SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECT, AND REPAIR IF DAMAGED.

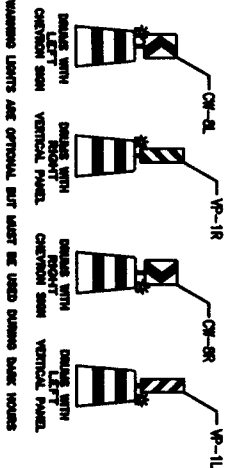
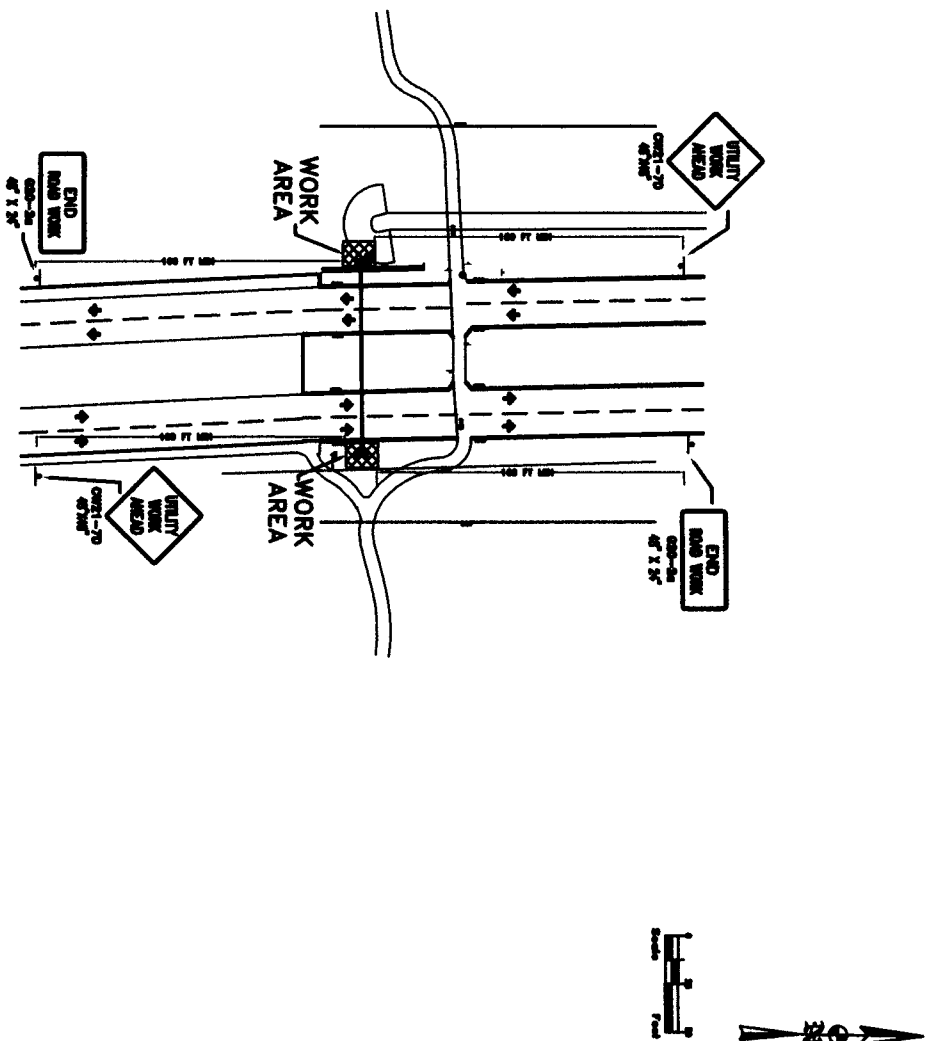
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THE CONTRACTOR IS TO CONSTRUCT THE RISER AND VAULT AT THE LOCATION SHOWN ON THE DRAWING. THE RISER AND VAULT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF FORT BEND COUNTY SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECT, AND REPAIR IF DAMAGED.

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THE CONTRACTOR IS TO CONSTRUCT THE RISER AND VAULT AT THE LOCATION SHOWN ON THE DRAWING. THE RISER AND VAULT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF FORT BEND COUNTY SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECT, AND REPAIR IF DAMAGED.



WARNING SIGNS ALONG MAJOR ROAD
APPLY TO STATIONS 0+00 – END (ALONG S PEEK RD-NORTHBOUND)



- FORT BEND COUNTY**
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
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 (TEXAS MUTCD), MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION.
 - 2 - NO LANES SHALL BE CLOSED DURING CONSTRUCTION.
 - 3 - CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOUR AND OPEN LANES FOR NORMAL TRAFFIC FLOW.
 - 4 - IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF TRAFFIC CONTROL PLANS DURING THE CONSTRUCTION THAT WHAT IS OUTLINED IN THE CONTRACT DRAWINGS, HE/SHE SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT AN ALTERNATE SET REPRODUCIBLE PLANS, SEALED AND SIGNED BY A LICENSED ENGINEER IN THE STATE OF TEXAS, WITH THE ENTIRE APPROVED SET OF DRAWINGS, TO HCD TRAFFIC SECTION FOR REVIEW AND APPROVAL, TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
 - 5 - APPROVED COPIES OF THE TRAFFIC CONTROL PLANS AND LANE CLOSURE PERMITS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.
 - 6 - CONTRACTOR SHALL MAINTAIN LOCAL DRIVEWAY ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES ADJACENT TO WORK AREA AT ALL TIMES.
 - 7 - CONTRACTOR SHALL NOTIFY FIRE, POLICE, METROPOLITAN TRANSIT AUTHORITY, AND SCHOOLS FIVE (5) WORKING DAYS PRIOR TO IMPLEMENTATION FOR TRAFFIC CONTROLS.
 - 8 - IF THE PROJECT IS WITHIN 400 FT FROM A SIGNALIZED INTERSECTION, THE CONTRACTOR SHALL CONTACT FT BEND PUBLIC INFRASTRUCTURE DEPARTMENT, SIGNAL DIVISION AT () PRIOR TO THE START OF CONSTRUCTION, FIVE (5) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

- LEGENDS:**
- WORK AREA
 - ROAD/LANE CLOSED AREA
 - DIAMONDS WITH LEFT CHEVRON SIGN
 - DIAMONDS WITH RIGHT CHEVRON SIGN
 - DIAMONDS WITH LEFT CHEVRON SIGN
 - PLASTIC DRUMS
 - 28" TUBULAR MARKERS
 - 28" TRAFFIC CONES
 - TRAFFIC CONSTRUCTION SIGNS
 - TYPE III BARRICADE WITH 2 TYPE "A" WARNING LIGHTS
 - LAW OFFICER
 - FLAGGER
 - FLASHING ARROW PANEL
 - DIRECTION OF TRAFFIC FLOW

JOB NUMBER: J1301186

THIS DOCUMENT IS RELEASED
FOR INTERIM REVIEW ONLY
UNDER THE AUTHORITY OF
E. GALVAN
P.E. SERIAL NO.: 51528
ON: OCTOBER 21, 2009
IT IS NOT TO BE USED FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES.

TEO.LLC
5510 Community Drive
Houston, Texas
77005
281-536-5123 OFFICE
713-688-6334 FAX
teolc@gmail.com
FIRM # F-8978

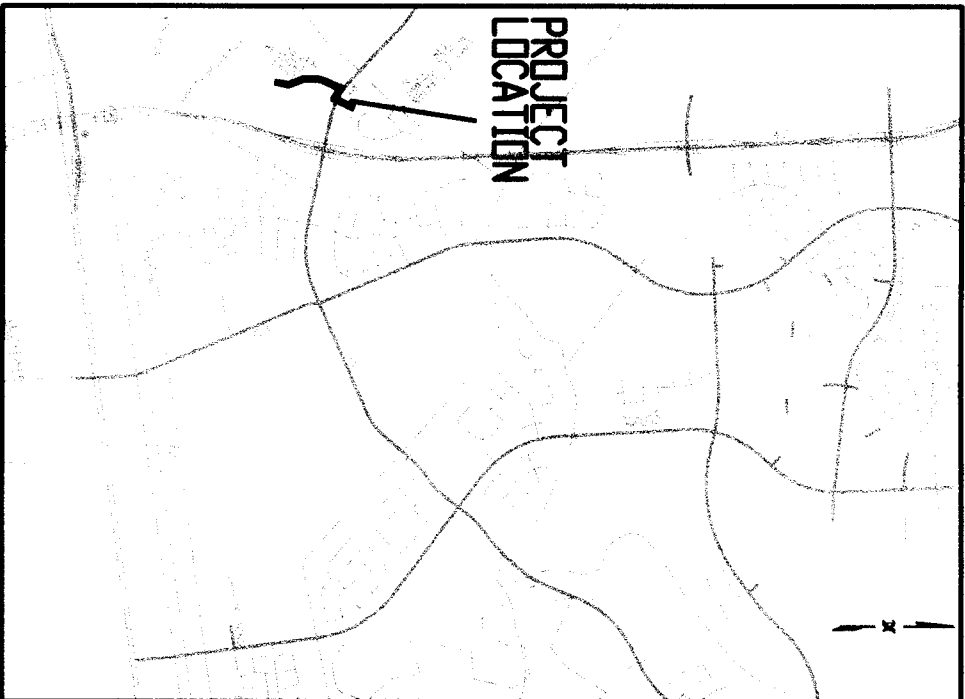
WAVEMEDIA
TELECOM, LLC.

EMERGENCY# 1-713-895-0002

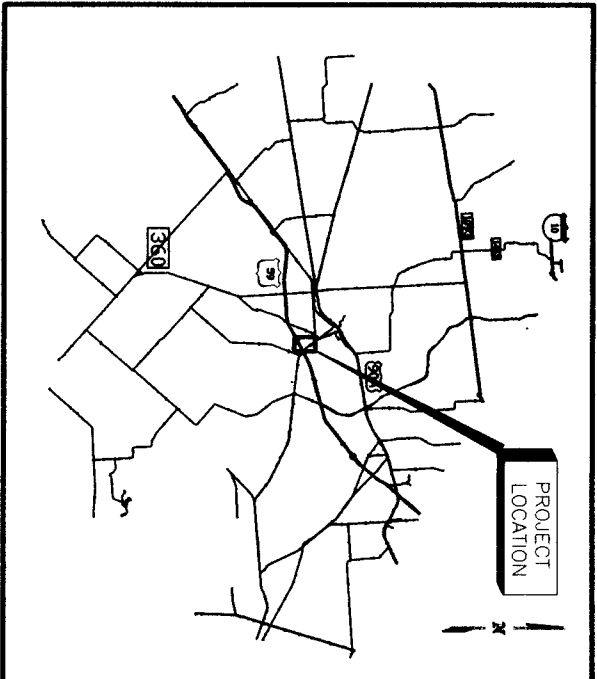


TRAFFIC CONTROL PLAN

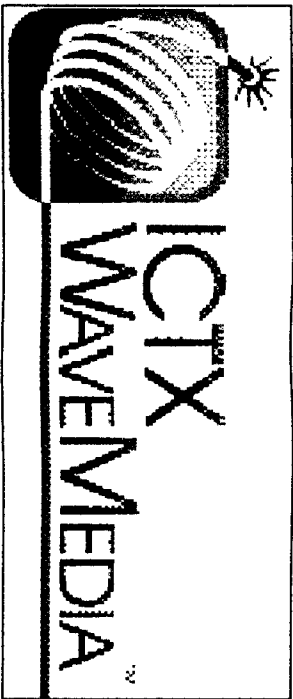
FILE NO	FORT BEND COUNTY USE ONLY
DATE: 06/16/14	
DRAWING SCALE	
HORIZ: 1" = 30'	
VERT: NTS	
SHEET No 4 OF 6	



VICINITY MAP



LOCATION MAP



TELECOMMUNICATION CONDUITS
ALONG SEVEN MEADOWS PKWY
BETWEEN GRAND TERRACE & GRAND PARKWAY
FORT BEND COUNTY
TEXAS

NEW BUILD

KEY MAP#: 525B

ZIP CODE: 77494



*NO KNOWN PROPOSED WASTEWATER WORK IS INVOLVED.
**NO KNOWN PROPOSED DRAINAGE WORK IS INVOLVED.

TITLE OF DRAWING	SHT. NO.	STATION
TITLE SHEET	1	
GENERAL NOTES	2	
CONSTRUCTION DRAWING	3	
CONSTRUCTION DRAWING	4	
CONSTRUCTION DRAWING	5	
CONSTRUCTION DRAWING	6	
TRAFFIC CONTROL PLAN	7	
GENERAL CONSTRUCTION DETAIL	8	
HANDHOLE DETAILS	9	

NOTES:
THE CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, ENGINEERING CONSTRUCTION DIVISION (TELEPHONE NO. 713-863-1460) 48 HOURS BEFORE STARTING WORK ON THIS PROJECT

PROJECT NAME FRY RD
JOB NUMBER: J1301186

TEO.LLC
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Houston, Texas 77005
281-536-5123 OFFICE
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FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

SURVEY BY: ICITX
F B NO

SHEET NO 1 OF 9 SHEETS

GENERAL CONSTRUCTION NOTES:

1. WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE ARE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE DOCUMENTS & STREET PAVING-STANDARD CONSTRUCTION SPECIFICATIONS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING, "STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING" AND THE "INFRASTRUCTURE DESIGN MANUAL" PUBLISHED BY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002
2. ALL UTILITIES PRESENT ON THESE DRAWINGS ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY IN THE FIELD THE EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL NOTIFY TEXAS ONE CALL AT 713-223-4567 AT LEAST 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION.
3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES TO EXISTING WATER, WASTEWATER, STORM, WATER LINES AND TRAFFIC CONTROL DEVICES. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S STANDARD CONSTRUCTION SPECIFICATIONS REFERENCED ABOVE, AT NO COST TO THE CITY OF HOUSTON.
4. CONTRACTOR SHALL NOTIFY THE OFFICE OF THE CITY ENGINEER, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AT 713-883-1450 FOR INSPECTION AT LEAST 48 HOURS PRIOR TO COMMENCING THE CONSTRUCTION.
5. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION, AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
6. CONTRACTOR IS TO PRESERVE AND PROTECT EXISTING TREES AND PLANTS FROM FOLYAGE, BRANCH, TRUNK AND/OR ROOT DAMAGE THAT COULD RESULT FROM CONSTRUCTION OPERATIONS AS PER THE CITY OF HOUSTON STREET TREE ORNANCE AND CITY OF HOUSTON SPECIFICATION 01562, INSIDE OF THE CITY'S EXISTING PAVED PUBLIC ROAD R-O-Ws AND ANY AFFECT COMMERCIAL BUILDING LINE SETBACK AREAS.
7. THE CONTRACTOR SHALL COMPLY WITH THE LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.
8. IF THE CONSTRUCTION DOES NOT BEGIN WITHIN A YEAR AFTER THE PLANS HAVE BEEN SIGNED, NEW SIGNATURES MUST BE OBTAINED AND LETTERS OF AVAILABILITY MUST BE UPDATED.
9. CONTRACTOR SHALL PREPARE A SET OF "AS-BUILT" DRAWINGS SHOWING ANY FIELD CHANGES MADE THROUGHOUT CONSTRUCTION. PLANS AND SUBJECT TO THE DESIGN CONSULTANT FOR SUBMISSION TO CITY ENGINEER.
1. CONDITION OF THE ROAD AND/OR RIGHT OF WAY, UPON COMPLETION OF JOB, SHALL BE AS GOOD AS OR BETTER THAN PRIOR TO STARTING WORK.
2. EXPOSE 15" OF REINFORCING STEEL AT PROPOSED SIGNED JOINT. HORIZONTAL JOINTS SHALL BE 24" MAXIMUM. VERTICAL JOINTS SHALL BE 24" MAXIMUM. DRILLED AND EMBEDDED IN INTO THE CENTER OF THE EXISTING SLAB WITH NO ROD OR EQUAL.
3. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT OF SPRINKLES, PLANTS AND TREES ALONG THE AREA OF EXCAVATION. ALL BONE FITS SHALL BE OUTSIDE OF TREE CANOPI (CONTROL ROOT ZONE).
- 3A)NO EQUIPMENT OR MATERIALS WILL BE STORED UNDER TREE CANOPY (CONTROL ROOT ZONE).
- 3B)ALL PROTECTED TREES WILL BE FENCED AT DRIP LINE.
- 3C)PERMIT MUST BE OBTAIN TO REMOVE ANY TREE IN RIGHT-OF-WAY.
4. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
5. CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS AND STATE OF TEXAS LAWS CONCERNING EXCAVATION, REINFORCING AND SHORING AS SPECIFIED IN CITY OF HOUSTON ORDINANCE #87-1457
6. WHEELCHAM RAIPS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF HOUSTON STANDARDS AT ALL INTERSECTIONS WHERE SIDEWALKS EXIST AND MEET ADA REQUIREMENTS AND EXISTING CURB OR SIDEWALK IS DAMAGED OR REMOVED DURING CONSTRUCTION.

NOTE: ALL CONTRACTORS MUST SECURE "LIVE/STREET CLOSURE PERMITS" FROM THE CITY'S DEPARTMENT OF PLANNING/DEVELOPMENT AND ENGINEERING BEFORE CLOSING A LIVE/STREET OR SIDEWALK. THE REQUEST MUST BE MADE AT LEAST 10 BUSINESS DAYS PRIOR TO THE REQUESTED CLOSURE. THE CLOSURE IS SUBJECT NOTE THAT WORKING HOURS MAY BE RESTRICTED, OR THE REQUEST MAY BE DENIED. CALL (713) 837-7280 FOR AN APPLICATION.

NOTE: NOTIFICATIONS ISSUED BY HARRIS COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT- ARCHITECTURE AND ENGINEERING DIVISION - PERMIT OFFICE - REQUIRED PRIOR TO CONSTRUCTION OF UTILITIES OR LEFT TURN LINES WITHIN HARRIS COUNTY AND HARRIS COUNTY FLOOD CONTROL DISTRICT RIGHTS-OF-WAY. CONTACT HARRIS COUNTY PERMIT OFFICE (713) 316-3560

- A) CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY REGULATION OF HARRIS COUNTY, TEXAS FOR FLOOD PLAIN MANAGEMENT PRIOR TO STARTING CONSTRUCTION.
- B) OWNER TO OBTAIN ALL PERMITS REQUIRED BY HARRIS COUNTY, TEXAS PRIOR TO STARTING CONSTRUCTION OF UTILITY AND/OR CULVERTS WITHIN HARRIS COUNTY ROAD RIGHT OF WAY.

CONSTRUCTION NOTES

1. DIRECTIONAL BORING WILL BE UTILIZED WHEREVER POSSIBLE. ALL EXCAVATIONS WILL BE BACKFILLED PER CITY, DOT, AND COUNTY SPECIFICATIONS.
2. FIBER OPTIC WARNING TAP WILL BE PLACED 12" BELOW THE EXISTING GRADE IN ALL EXCAVATIONS.
3. VERIFICATION OF THE LOCATION OF EXISTING UTILITY CROSSING IS THE RESPONSIBILITY OF THE CONTRACTOR. HAND DIGGING WILL BE UTILIZED WHERE REQUIRED.
4. CALL THE LOCAL UTILITY ONE-CALL AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION.
5. A 24" SEPARATION BETWEEN CITY OF HOUSTON FACILITIES AND OTHER UTILITIES WILL BE MAINTAINED.
6. CONDUIT COPS WILL BE PLACED ON THE ENDS OF ALL VACANT DUCTS DURING CONSTRUCTION, UPON COMPLETION AND WHILE AWAITING FIBER INSTALLATION. 3 - 125 " HOPE AS SHOWN ON DRAWING.
8. THE MINIMUM BENDING RADIUS FOR FIBER CABLE WILL BE 24".
8. MINIMUM CABLE INSTALLATION TENSION WILL NOT EXCEED 600 POUNDS. A 600 POUND BREAKAWAY SWELL WILL BE USED DURING PULING.
10. THE REMOVAL AND STORAGE OF ALL SHRUBBERY TO BE REPLACED IS THE RESPONSIBILITY OF THE CONTRACTOR.
11. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING THE CONSTRUCTION AREA TO ORIGINAL OR BETTER CONDITION.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN OR RED-LINED DRAWINGS TO SPECS AND THE CITY OF HOUSTON WITHIN 14 DAYS OF COMPLETION OF THE WORK.
13. CONDUITS WILL BE TERMINATED NO MORE THAN SIX (6) INCHES ABOVE THE FLOOR GRADE IN HANDHOLES.
14. PLACE AT LEAST EIGHT (8) INCHES OF CRUSHED ROCK IN THE BOTTOM OF HANDHOLE FITS PRIOR TO PLACING THE WIRE MESH (2 SQUARES PER INCH) AND THE HANDHOLE.
15. PLACE 100 FEET FIBER SLACK COIL IN EACH HANDHOLE/HANDHOLE.
16. BURIED POWER LINES: HAND DIG AS REQUIRED.
17. BURIED FIBER OPTIC TELEPHONE CABLES: HAND DIG AS REQUIRED.
18. BURIED CANY CABLES: HAND DIG AS REQUIRED.
19. BURIED GAS LINES: HAND DIG AS REQUIRED.
20. BORE OUTSIDE THE DRAINAGE OF ALL TREES TO PREVENT ROOT DAMAGE (CRITICAL ROOT ZONE).
21. WHEN TRIMMING, BORE IF A TREE ROOT OF 1" DIAMETER OR LARGER IS ENCOUNTERED.
22. UNLESS OTHERWISE INDICATED, RIGHT OF WAY (ROW) LINES COINCIDE WITH THE BACK OF SIDEWALK.
23. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY, CALL TEXAS ONE CALL AT 1-800-246-4345.

UNDERGROUND GAS FACILITIES

- LOCATIONS OF CENTERPOINT ENERGY MAIN LINES (TO INCLUDE CENTERPOINT ENERGY INTRASTATE PIPELINE, L.L.C. WHERE APPLICABLE) ARE SHOWN AN APPROXIMATE LOCATION ONLY. SERVICE LINE ARE USUALLY NOT SHOWN, NOT SHOWN, OUR SIGNATURE ON THESE PLANS ONLY INDICATES THAT OUR FACILITIES ARE SHOWN IN APPROXIMATE LOCATION. IT DOES NOT IMPLY THAT A CONFLICT ANALYSIS HAS BEEN MADE. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT (713) 223-4567 OR 1-800-669-8344 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.
- * WHEN CENTERPOINT ENERGY PIPE LINE WARNINGS ARE NOT VISIBLE, CALL (713) 887-8837 (230 am. to 430 pm.) FOR SERVICE LINE LOCATION REQUESTS BEFORE EXCAVATION BEGINS.
 - * WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES.
 - * WHEN CENTERPOINT ENERGY FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

WARNING: OVERHEAD ELECTRICAL FACILITIES

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. TEXAS LAW, SECTION 792, HEALTH AND SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH PERSONS OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES. PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTOR, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS CARRIES BOTH CRIMINAL AND CIVIL LIABILITY TO APPROVE FOR LINES TO BE TURNED OFF OR REMOVED CALL CENTERPOINT ENERGY AT 713-207-2222.

TRENCH SAFETY SYSTEMS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREPARE SHOP DRAWINGS FOR THE "TRENCH SAFETY SYSTEM" AS REQUIRED BY OSHA, BY A LICENSED PROFESSIONAL ENGINEER RETAINED AND PAID BY THE CONTRACTOR.

STORM SEWER CONSTRUCTION NOTES

1. STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE (C-76, CLASS III), AND SHALL BE INSTALLED, BEDDED AND BACKFILLED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWINGS NOS. 02317-02, 02317-03, 02317-05, 02317-06, AND 02317-07 (OCT. 2002) AS APPLICABLE UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
2. ALL STORM SEWER CONSTRUCTED IN SIDE LOT EASEMENT SHALL BE R.C.P. (C76, CLASS III) AND SHALL BE BEDDED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWING NOS. 02317-02, 02317-03, 02317-05, 02317-06, AND 02317-07 AS APPLICABLE.
3. ALL SEWER UNDER PROPOSED OR FUTURE PAVEMENT AND TO A POINT ONE (1) FOOT BACK OF ALL PROPOSED OR FUTURE COPS SHALL BE BACKFILLED WITH 1-1/2" SACK GOMENT/CL. STABILIZED SAND TO WITH IN ONE (1) FOOT OF SUBGRADE. THE REMAINING DEPTH OF TRENCH SHALL BE BACKFILLED WITH STABLE, PARTICULATE MATERIAL.
4. ALL TRENCH BACKFILLS SHALL BE IN PLACE WITHIN TEST TAKEN AT 100 FOOT INTERVALS ON EACH LIFT, AND MECHANICALLY COMPACTED TO A DENSITY OF NOT LESS THAN SIX (6) OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST (ASTM D698) AND ELLIPTICAL REINFORCED CONCRETE PIPE SHALL BE INSTALLED USING RUBBER GASKET JOINTS CONFORMING TO ASTM C443 AND ASTM C377 RESPECTIVELY.
6. ALL STORM SEWER PIPES AND INLET LEADS SHALL BE 24-INCH AND LARGER R.C.P. (C-76, CLASS III).
7. ALL PROPOSED PIPE SUB-CUTS FROM MANHOLE AND INLETS ARE TO BE PLUGGED WITH 8" BRICK WALLS UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL PROVIDE 12" MINIMUM CLEARANCE AT STORM SEWER AND WATER CROSINGS.
9. ADJUST MANHOLE COVERS TO GRADE CONFORMING TO REQUIREMENTS OF SECTION 02086-ADJUSTING MANHOLES, INLETS AND VALVE BOXES TO GRADE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, MAINTAINING, AND RESTORING ANY BACK SLOPE DRAINAGE SYSTEM DISTURBED AS RESULT OF HIS WORK.
11. ALL DITCHES SHALL BE REGRADED TO PROPOSED ELEVATIONS TO INSURE PROPER DRAINAGE. ALL OUTFALLS SHALL BE PROPERLY BACKFILLED AND COMPACTED. ALL DISTURBED AREAS SHALL BE REGRADED, SEEDDED, AND FERTILIZED.
12. ALL DRIVEWAYS WILL BE LOCATED TO AVOID EXISTING CURB INLET STRUCTURES.

SWPPP CONSTRUCTION NOTES

1. CONTRACTOR SHALL IMPLEMENT INLET PROTECTION DEVICES AND REINFORCED FILTER FABRIC BARRIER ALONG ROAD AND SIDE DITCHES AT LOCATIONS SHOWN ON THE TYPICAL STORM WATER POLLUTION PREVENTION (SWPP) PLANS TO KEEP SILT AND / OR EXCAVATION MATERIALS FROM ENTERING ONTO THE STORM WATER INLETS AND DITCHES ESSENTIALLY POLLUTING THE RECEIVING STORM. DURING THE EXCAVATION PHASE OF THE PROJECT, CONTRACTOR SHALL SCHEDULE THE WORK IN SHORT SEGMENTS SO THAT EXCAVATED MATERIAL CAN BE QUICKLY HAULED AWAY FROM THE SITE AND TO PREVENT IT FROM STAYING UNCOLLECTED ON THE EXISTING PAVEMENT. ANY LOOSE EXCAVATED MATERIAL, WHICH FALLS ON PAVEMENTS OR DRIVEWAYS SHALL BE SWEEP BACK INTO THE EXCAVATED AREA.
3. CONTRACTOR SHALL CLEAN UP THE EXISTING STREET INTERSECTIONS AND DRIVEWAYS DAILY, AS NECESSARY, TO REMOVE ANY EXCESS MUD, SILT OR ROCK TRACKED FROM THE EXCAVATED AREA.
4. CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING THE CONSTRUCTION OF THE PROJECT, ALWAYS CLEANING UP DIRT AND LOOSE MATERIAL AS CONSTRUCTION PROGRESSES.
5. CONTRACTOR TO INSPECT AND MAINTAIN THE AREAS LISTED BELOW AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
6. DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- * AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- * STRUCTURAL CONTROL MEASURES.
- * LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE.
8. CONTRACTOR TO BE RESPONSIBLE TO MAINTAIN EXISTING DITCHES AND / OR CULVERTS FOR UNOBSTRUCTED DRAINAGE AT ALL TIMES. WHERE SOODING IS DISTURBED BY EXCAVATION OR BACKFILLING OPERATIONS, SUCH AREAS SHALL BE REPLACED BY SEEDING OR SOODING. SLOPES 4:1 OR STEEPER SHALL BE REPLACED BY BLOCK SOODING.

FIRM FLOOD INSURANCE RATE MAP

PLAN 0420 _____ OF 1150
MAP # 562010420
MAP REVISED JUNE 18, 2007

DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATED, PROTECT, AND REPAIR IF DISTURBED.
 2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
 3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

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FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

EMERGENCY # 1-713-895-0002



GENERAL NOTES

SBC FACILITIES

1. THE LOCATIONS OF SBC FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CALL 1-800-344-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF SBC FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE SBC FACILITIES.
4. WHEN SBC FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.

FILE NO	
DATE	06/16/14
DRAWING SCALE	
HDRZ	NTS
VERT	MTS
SHEET No	2 of 9

1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE MAPS AND FIELD SURVEYING NOTES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-6377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBEING ALL UNDERGROUND STRUCTURES.

TOTALS

FIBER CUMULATIVE:

CONDUCT 100 LF

2 - 1.25" HDPE	100' EA
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RISER/BOREPIT	2/2
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FIRM # F-8978



EMERGENCY# 1-713-895-0002

ICTX WAVEMEDIA

**PRIVATE UTILITY LINES SHOWN
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR
EASEMENTS ONLY. THE LONG STAFF NOTIFICATION 715-225-4667.**

五、臺灣與香港之比較

AT&T Approved for independent credit facilities only.

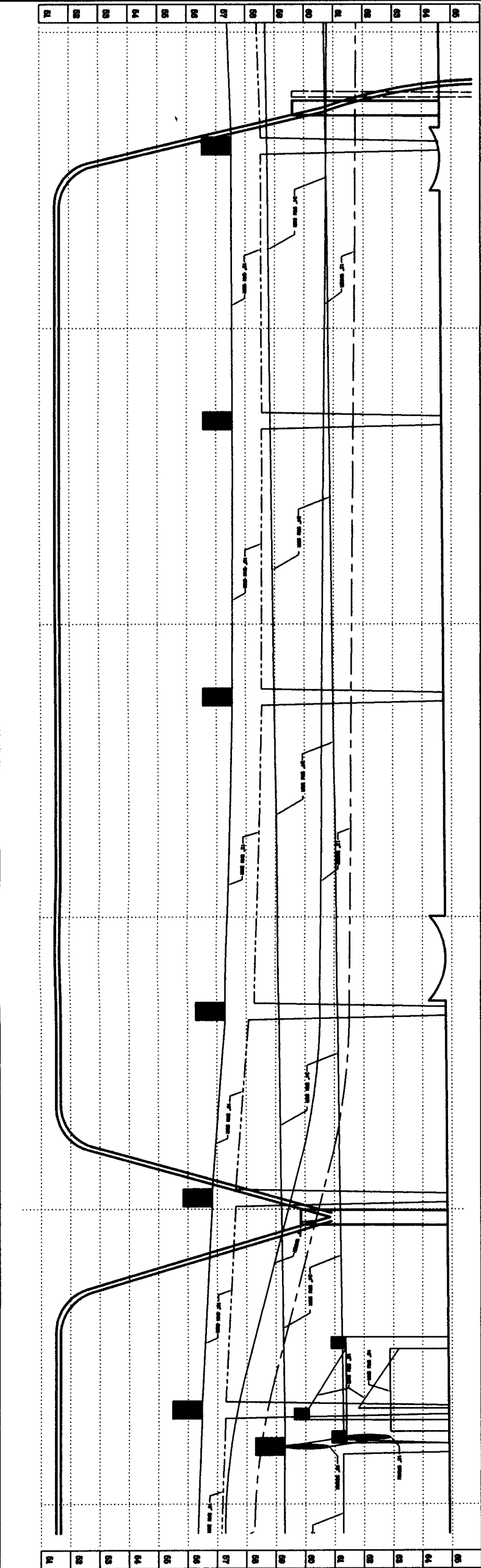
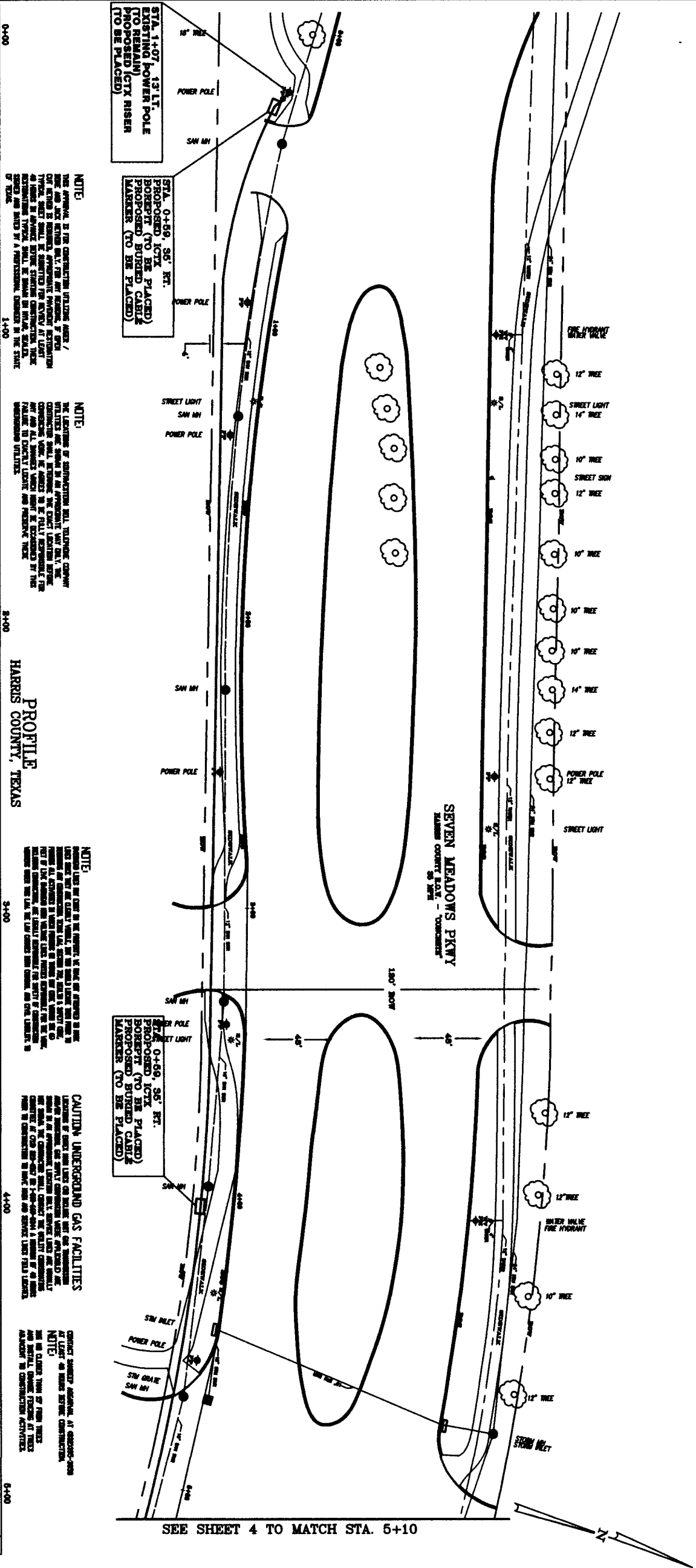
100

Answer: Yes (in some cases, not in others)

AFTER DATE OF SIGNATURES

FORT BEND COUNTY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE	06/18/2014
DRAWING SCALE	
HOLES	1" = 20'
VERT	1" = 02'
SHEET NO.	3 of 9



1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS MUST BE PRESENT OR MARKED. FIELD ENGINEERING OPERATIONS IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-6377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

TOTALS


STATIONING 0+00-END
CONCRETE 100 LF

2 - 1.25" HDPE	100' EA
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TEO 11C

77005
281-536-5123 OFFICE

FIRM # F-8978



ICITX
WAVE MEDIA

ICTX WAVEMEDIA

AT LEAST 48 HOURS BEFORE EXPIRATION IN STREET R.O.W. ON EASEMENTS CALL THE LONG STAR NOTIFICATION 713-223-4867

Valid at time of review only.

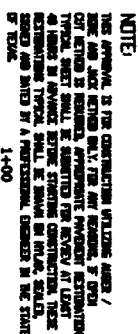
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FORT BEND COUNTY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DEGREE SCALE

1" = 02'

4



NOTE:
THE LOCATIONS OF SUBMERSION BELL TELEPHONE COMPANY
UTILITIES ARE SHOWN IN AN APPENDIX. WHY ONLY THE
CONNECTIONS WILL ESTIMATE THE EXACT LOCATION BEFORE
CONSIDERING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR
ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THE
FAILURE TO EXACTLY LOCATE AND PREPARE THESE
UNDERGROUND UTILITIES.

PROFILE

HARRIS COUNTY, TEXAS

WITNESS

WITNESS LIES BY COURT ON THE MURDER, HE SAID. HE STAYED IN NEW YORK CITY FOR THE TRIAL, "BUT, I WAS BEING LIES BY COURT ON THE MURDER, HE SAID. HE STAYED IN NEW YORK CITY FOR THE TRIAL, "BUT, I WAS BEING LIES BY COURT ON THE MURDER, HE SAID. HE STAYED IN NEW YORK CITY FOR THE TRIAL, "BUT, I WAS BEING

CAUTION: UNDERGROUND GAS FACILITIES

CONTACT SHERIFFS ASSOCIATION AT 602-255-3800
AT LEAST 48 HOURS BEFORE CONSTRUCTION.
NOTE:
HAS NO CLAIMS MADE BY OTHER TRUCKS
AND INSTALL DRAINAGE PIPING AT THEIR
ALMOST NO CONSTRUCTION ACTIVITIES.

STA. 0+69, 36' RT.
PROPOSED ICTX
VAULT (TO BE PLACED)
PROPOSED BURIED CABLE
MARKER (TO BE PLACED)

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	100' EA
BURIED CABLE MARKER	2
RISER/BOREPIIT	2/2

STATIONING 0+00-END
CONDUIT 100 LF

FIBER THIS SHEET: _____
FIBER CUMULATIVE: _____

TOTALS		100
EXPENSE	THIS	
SUBTOTAL		

JOB NUMBER: J1301186

POTHOLING, LOCATING AND PROBING
ALL UNDERGROUND STRUCTURES.

2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8577 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.

CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.

AND OBSERVATIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE

GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON

DISCLAIMER

DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-6377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POTENTIAL ACCIDENTS AND DAMAGES TO ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TOTALS

FIBER THIS SHEET: 100
FIBER CUMULATIVE: -
STATIONING 0+00-END
CONDUIT 100 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	100' EA
BURIED CABLE MARKER	2
RISER/BOREHOLE	2/2

TEO.LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
teolc@gmail.com
FIRM # F-8978



EMERGENCY # 1-713-895-0002

ICITX WAVEMEDIA

PRIVATE UTILITY LINES SHOWN

AT LEAST 48 HOURS BEFORE CONSTRUCTION IN STREET R.O.W. OR

RIGHT-OF-WAY. CALL THE LONG SEEN NOTIFICATION 713-262-4907.

Date

Contracted Survey/Utility Location

Valid at time of notice only.

NOT: Approved for underground utility location only. Reproduction valid for one year.

Contracted Survey / Gas Provider

NOTE: CITY CONTRACTS VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURE

FORT BEND COUNTY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

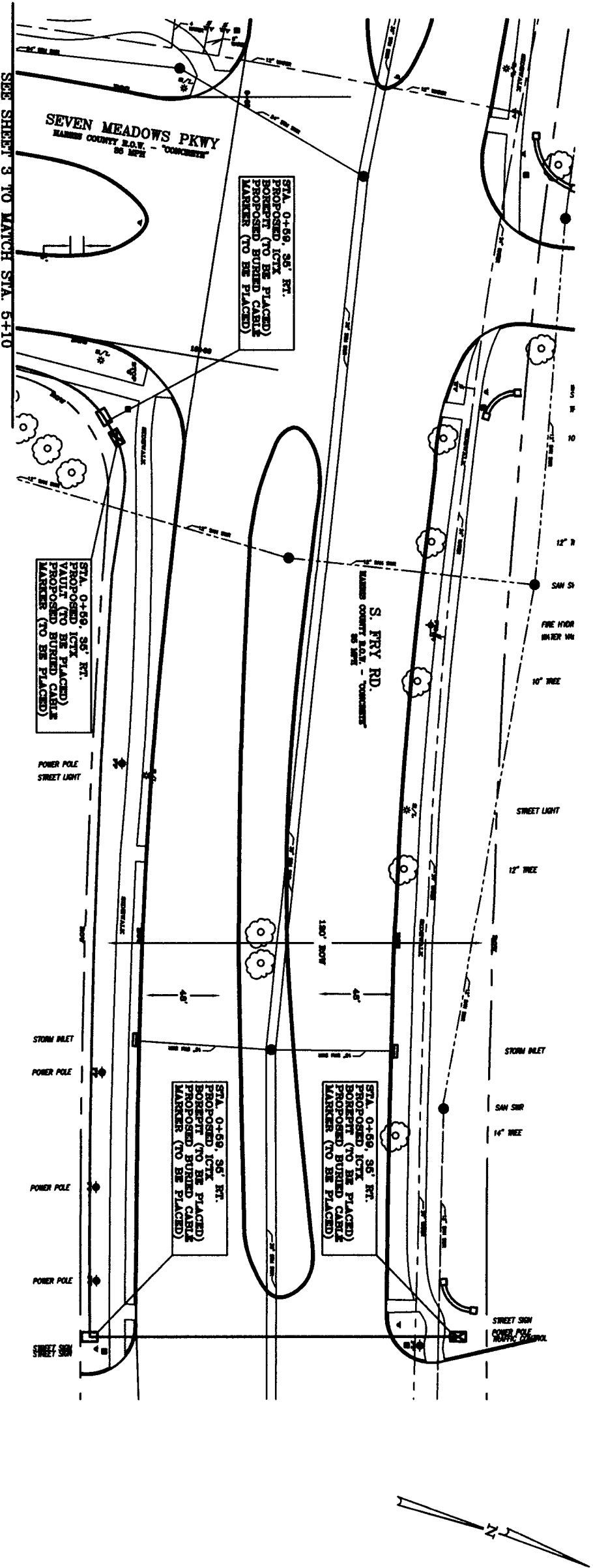
DATE: 08/16/2014

DRAWING SCALE

HORIZ: 1" = 20'

VERT: 1" = 10'

SHEET NO. 5 of 9



NOTE:
THIS DRAWING IS FOR CONSTRUCTION UTILITIES ONLY. IT DOES NOT SHOW THE LOCATION OF ANY OTHER UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES.

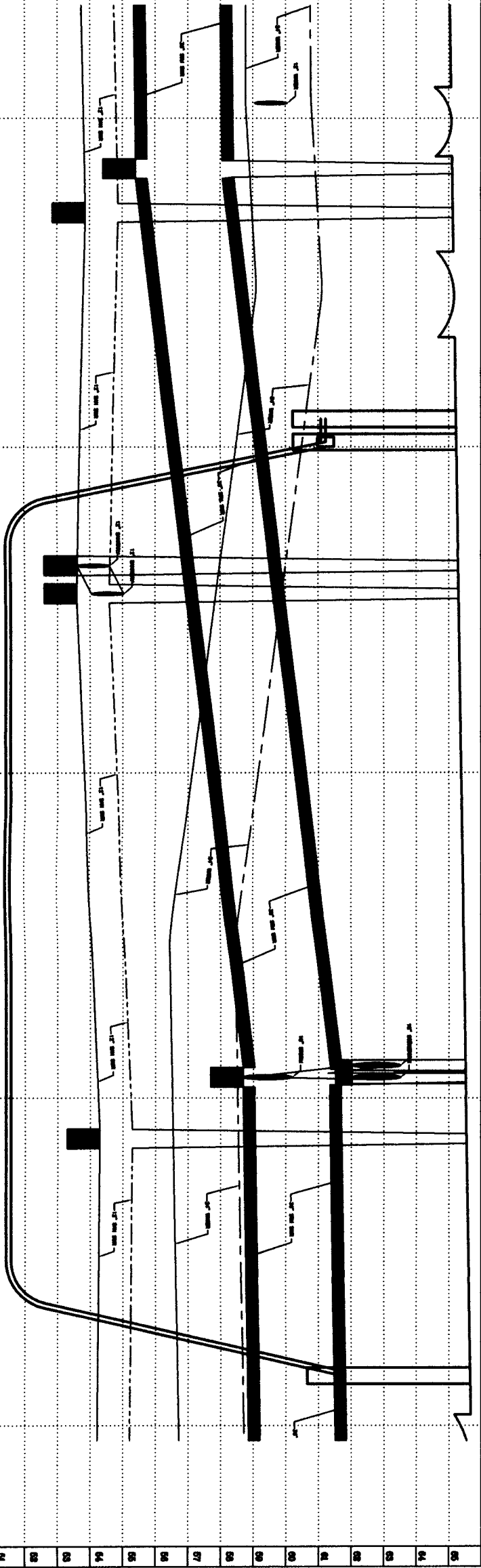
NOTE:
THE LOCATION OF CONSTRUCTION UTILITIES SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES.

PROFILE
HARRIS COUNTY, TEXAS

NOTE:
UNDERGROUND LINES ARE SHOWN IN THE PROFILE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES.

CAUTION: UNDERGROUND GAS FACILITIES
THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES.

CONTRACT SIGNED AND SEALED BY ENGINEER
AT LEAST 48 HOURS BEFORE CONSTRUCTION.
NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES.



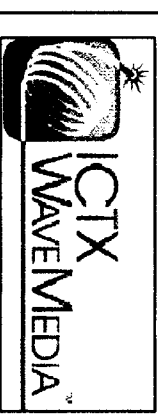
GENERAL NOTES:

1. ALL KNOWN UNDERGROUND UTILITIES AND CONDITIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POtholing, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

TOTALS	
FIBER THIS SHEET:	100
FIBER CUMULATIVE:	-
STATIONING	0+00-END
CONDUIT	100 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	100' EA
BURIED CABLE MARKER	2
RISER/BOREPIIT	2/2

TEO.LLC
5510 Community Drive
Houston, Texas
77005
281-536-5123 OFFICE
713-668-6334 FAX
teo1lc@gmail.com
FIRM # F-8978



ICTX WAVEMEDIA

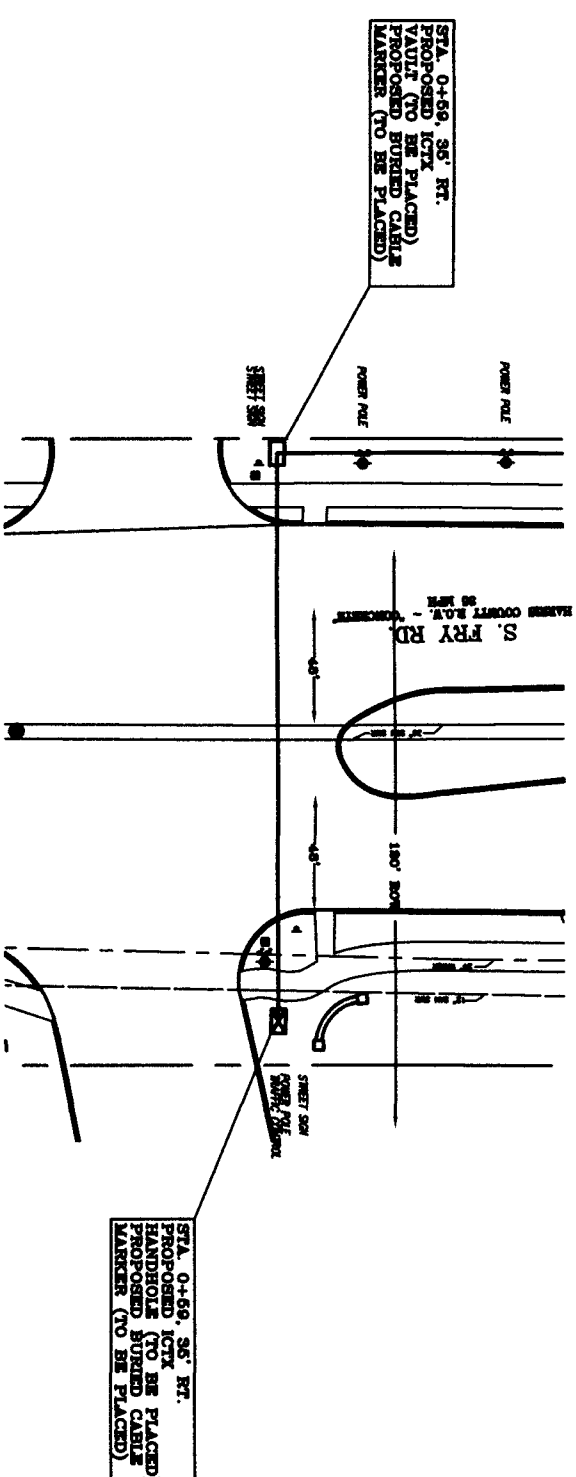
**PRIVATE UTILITY LINES SHOWN
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR
EASEMENTS CALL THE LONG STAR NOTIFICATION 713-223-4967.**

Date:	Date:
Customer/Parent Company/Outside Foundation Valid at time of release only.	
After Approval for subsequent events facilities only. Signature valid for one year.	Date:

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY
AFTER DATE OF SIGNATURES

FORT BEND COUNTY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE:	06/16/2014
DRAWING SCALE:	
HOIST:	1" = 20'
VERT:	1" = 02'
SHEET NO. 6 OF 9	



NOTE: THIS APPROVAL IS FOR CONSTRUCTION UTILIZING AEROSOL / BOMB AND JACK REMOVAL ONLY. FOR ANY REMOVAL OF OTHER CUT METHODS IS REQUIRED. APPROPRIATE PREVENTIVE MAINTENANCE TYPICAL NEEDS SHALL BE SUBMITTED FOR REVIEW AT LEAST 60 HOURS IN ADVANCE BEFORE STARTING CONSTRUCTION. THESE REMOVALS ARE TYPICAL. SPECIALS WILL BE REVIEWED IN WRITTEN, SIGNED AND DATED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS.

NOTE:
THE LOCATIONS OF SOUTH-EASTERN BELL TELEPHONE COMPANY UTILITIES ARE SHOWN BY AN APPROPRIATE WAY ONLY. THE CONNECTIONS SHALL REMAIN THE EXACT LOCATIONS BEHIND THE COMMERCIAL WORK. HE AGENTS TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CONSIDERED BY THIS FAILURE TO EXACTLY LOCATE AND PRESENT THE UNDERGROUND UTILITIES.

NOTE:

ANDREWS LAND WAS OWNED BY THE FARMERS. HE HAD NOT AGREED TO SELL THE LAND TO THE COUNTY. HOWEVER, THE NEW BOARD OF COUNTY COMMISSIONERS DECIDED TO PURCHASE THE LAND. THE COUNTY COMMISSIONERS WERE CONCERNED ABOUT THE FARMERS' ABILITY TO PAY THE TAXES ON THE LAND. THE COUNTY COMMISSIONERS WERE CONCERNED ABOUT THE FARMERS' ABILITY TO PAY THE TAXES ON THE LAND. THE COUNTY COMMISSIONERS WERE CONCERNED ABOUT THE FARMERS' ABILITY TO PAY THE TAXES ON THE LAND.

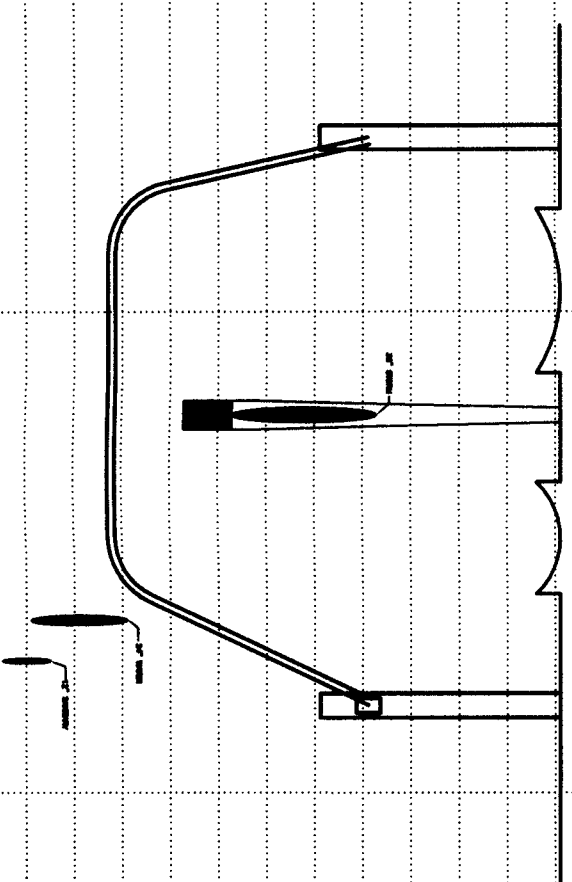
PROFILE

HARRIS COUNTY, TEXAS

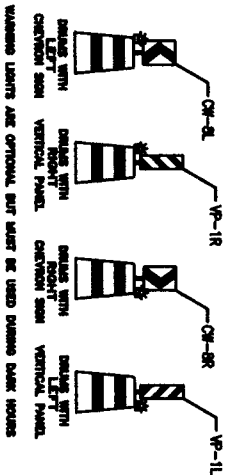
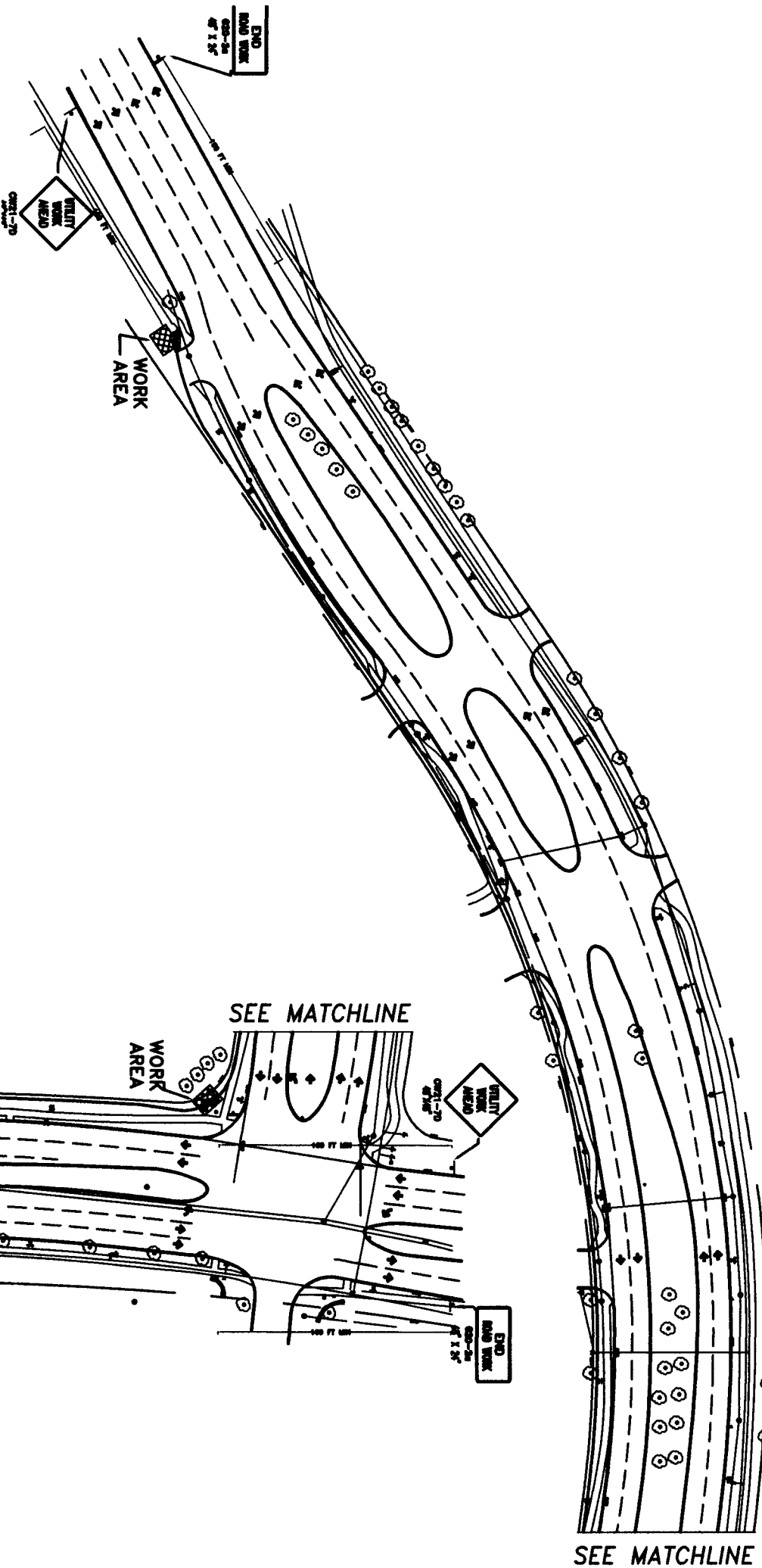
3+00

CAUTION: UNDERGROUND GAS FACILITIES

CONTACT SHERIFF AGENCY AT 602-295-0000
AT LEAST 48 HOURS BEFORE CONSTRUCTION.
NOTE:
DO NOT CLIMB DOWN FROM TREES
AND INSTALL DRIVE PILING AT THESE
ALONGSIDE NO CONSTRUCTION ACTIVITIES.



WARNING SIGNS ALONG MAJOR ROAD
APPLY TO STATIONS 0+00 – END (ALONG SEVEN MEADOWS PKWY-NORTHBOUND)



- FORT BEND COUNTY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
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 (TEXAS MUTCD), MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION.
 - 2 - NO LANES SHALL BE CLOSED DURING CONSTRUCTION.
 - 3 - CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOUR AND OPEN LANES FOR NORMAL TRAFFIC FLOW.
 - 4 - IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF TRAFFIC CONTROL PLANS DURING THE CONSTRUCTION THAN WHAT IS OUTLINED IN THE CONTRACT DRAWINGS, HE/SHE SHALL BE RESPONSIBLE TO FURNISH AND SUBMIT AN ALTERNATE SET REPRODUCIBLE PLANS, SEALED AND SIGNED BY A LICENSED ENGINEER IN THE STATE OF TEXAS, WITH THE ENGINE APPROVED SET OF DRAWINGS, TO KEEP TRAFFIC SECTION FOR REVIEW AND APPROVAL, TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
 - 5 - APPROVED COPIES OF THE TRAFFIC CONTROL PLANS AND LANE CLOSURE PERMITS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.
 - 6 - CONTRACTOR SHALL MAINTAIN LOCAL DRIVEWAY ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES ADJACENT TO WORK AREA AT ALL TIMES.
 - 7 - CONTRACTOR SHALL NOTIFY FIRE, POLICE, METROPOLITAN TRANSIT AUTHORITY, AND SCHOOLS FIVE (5) WORKING DAYS PRIOR TO IMPLEMENTATION FOR TRAFFIC CONTROLS.
 - 8 - IF THE PROJECT IS WITHIN 400 FT FROM A SIGNALIZED INTERSECTION, DEPARTMENT SHALL DESIGN AT () WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, FIVE (5) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

- LEGENDS:
- WORK AREA
 - ROAD/LANE CLOSED AREA
 - DRUMS WITH LEFT CHEVRON SIGN
 - DRUMS WITH RIGHT VERTICAL PANEL
 - DRUMS WITH RIGHT CHEVRON SIGN
 - DRUMS WITH LEFT VERTICAL PANEL
 - PLASTIC DRUMS
 - 25" TUBULAR MARKERS
 - 25" TRAFFIC CONES
 - TRAFFIC CONSTRUCTION SIGNS
 - TYPE III PARASCALD WITH 2 TYPE "A" WARNING LIMITS
 - LAW OFFICER
 - FLAGGER
 - FLASHING ARROW PANEL
 - DIRECTION OF TRAFFIC FLOW

JOB NUMBER: J1301186

THIS DOCUMENT IS RELEASED
FOR INTERIM REVIEW ONLY
UNDER THE AUTHORITY OF
E. GALVAN
P.E. SERIAL NO.: 51526
ON: OCTOBER 21, 2009
IT IS NOT TO BE USED FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES.

TEO, LLC
5510 Community Drive
Houston, Texas
77005
281-536-5123 OFFICE
713-668-6334 FAX
teo@teolc.com
FIRM # F-8978

WAVEMEDIA
TELECOM, LLC.

EMERGENCY # 1-713-895-0002

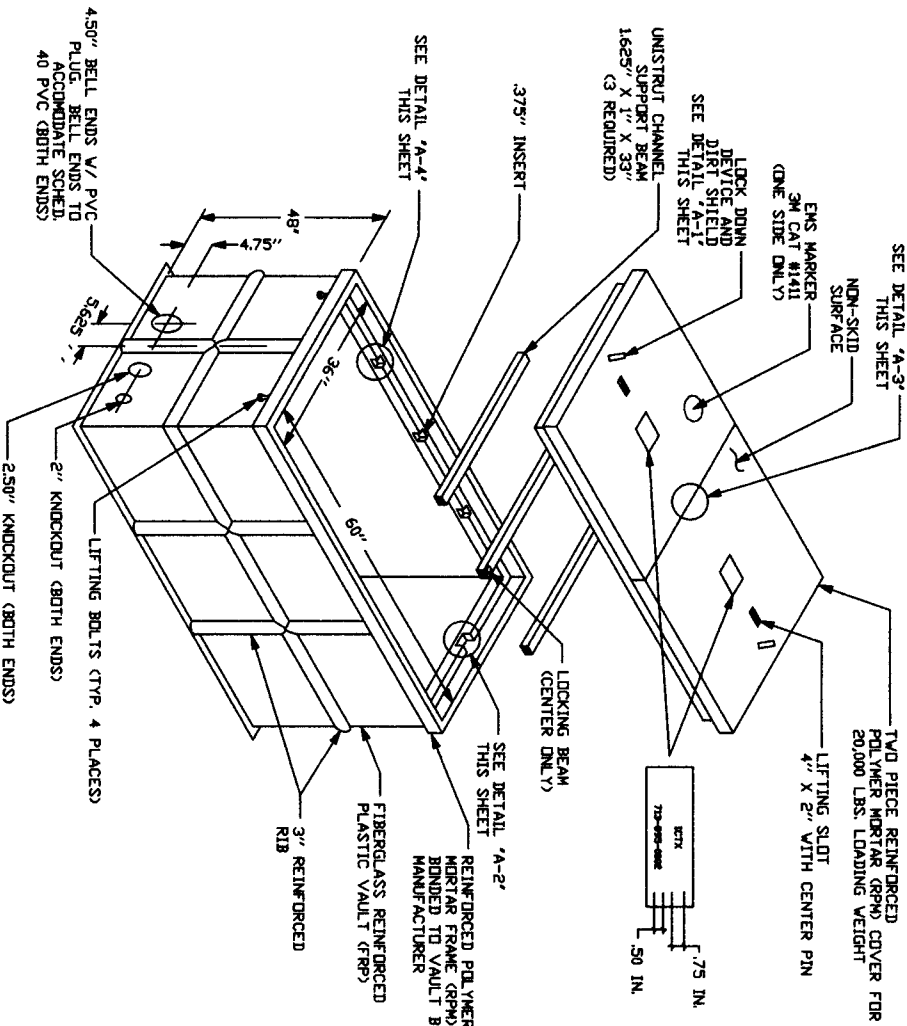


TRAFFIC CONTROL PLAN

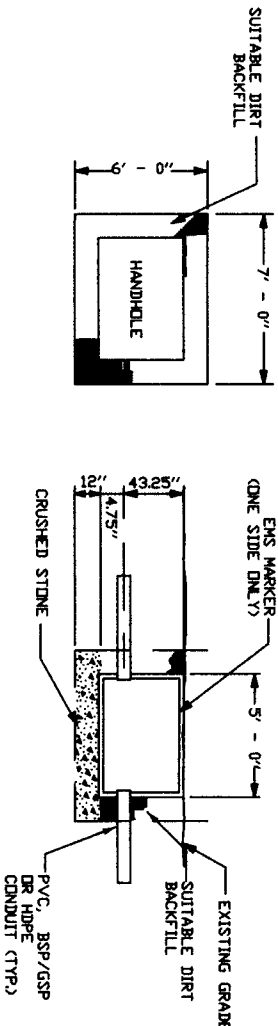
FILE NO.	
DATE: 06/16/14	
DRAWING SCALE:	
HORIZ: 1" = 50'	
VERT: NTS	
SHEET NO. 7 OF 9	

3' x 5' x 4' HANDHOLE DETAILS

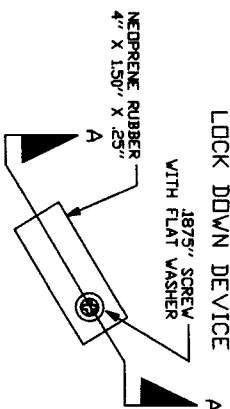
DETAIL 'A'
EXPLODED ISOMETRIC DETAIL



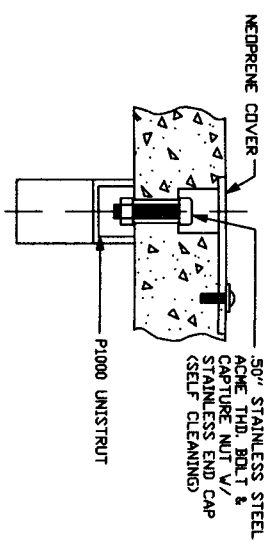
DETAIL 'C'
EXCAVATION PIT



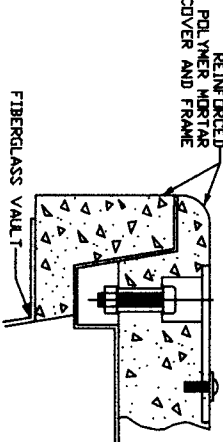
DETAIL 'A-1'



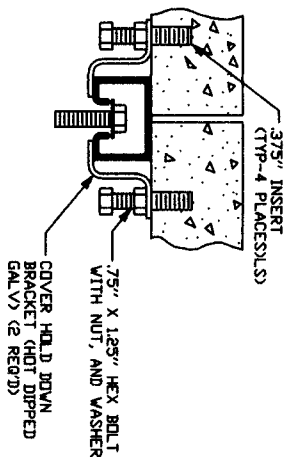
DETAIL 'A-2'
ENGAGED LOCK
DOWN DEVICE



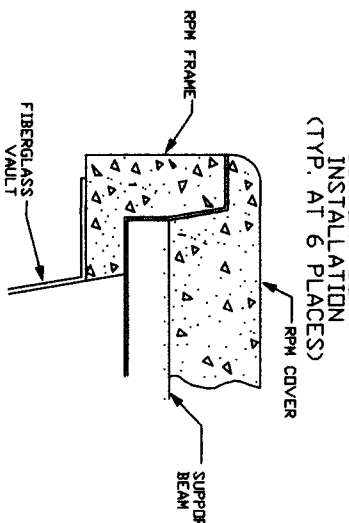
SECTION A-A
LOCKING DEVICE
CROSS SECTION



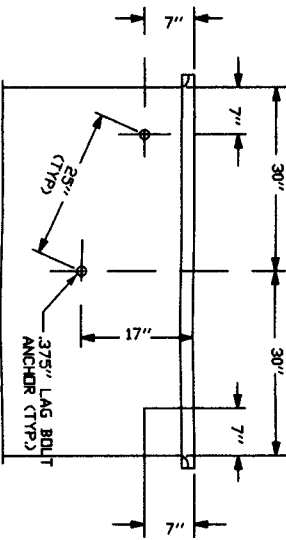
DETAIL 'A-3'
COVER HOLD DOWN
BRACKET
OF 2-PIECE RPM COVER



DETAIL 'A-4'
SUPPORT BEAM
INSTALLATION
(TYP. AT 6 PLACES)



DETAIL 'D'
SIDE WALL VIEW
INSIDE LOOKING OUT



- NOTES:
1. VOID IN EXCAVATED AREAS TO BE BACKFILLED WITH SELECT MATERIAL.
 2. BOTTOM OF EXCAVATED PIT TO BE BACKFILLED WITH 12" OF CRUSHED STONE (.75" GRADE).
 3. SHORING WILL BE REQUIRED.
 4. THIS HANDHOLE IS OF FIBERGLASS MATERIAL, APPROXIMATELY POUNDS IN WEIGHT. THE LIDS ARE POLYMER CONCRETE MATERIAL, EACH APPROXIMATELY POUNDS.

NOTE:
LINEAR DISTANCE BETWEEN
LAG BOLT ANCHORS MUST
BE 25".

DISCLAIMER

GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS. FIELD ENGINEERING OBSERVATIONS, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POtholing, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

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WAVEMEDIA
TELECOM, LLC.

EMERGENCY# 1-713-895-0002



HANDHOLE DETAIL

FILE NO	DATE: 09/16/14
DRAWING SCALE	
HDR2: NTS	
VERT: NTS	
SHEET No	9 OF 9