

## 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 5182865, Permit No. 84616 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 3<sup>rd</sup> day of August, 1987, recorded in Volume \_\_\_\_\_ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statutes. Upon Motion of Commissioner Meyers, seconded by Commissioner Patterson, duly put and carried, it is ORDERED, 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

[Signature]

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 [Signature]  
Deputy

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

BOND NO 5182865

THE STATE OF TEXAS           §

COUNTY OF FORT BEND       §

**KNOW ALL MEN BY THESE PRESENTS:**

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 Ten Thousand Five Hundred Seventy Five Dollars (\$ 10,575.00) 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:** \$ 10,575.00

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 20<sup>th</sup> 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

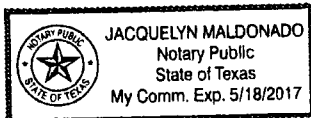
By:   
John Knox Jr., President

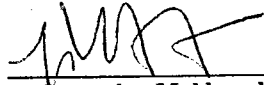
State of Texas  
County of Harris

SS:



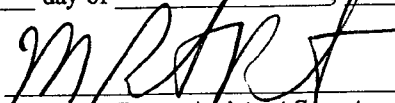
On this 21st day of March, A.D. 2013 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows 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;"><b>SureTec Insurance Company</b> <b>THIS BOND RIDER CONTAINS IMPORTANT COVERAGE INFORMATION</b></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](mailto: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.

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**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.

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## ATTACHMENT

KATY GASTON

BOXFIELD LANE

BRIARLILLY LANE

CINCO RANCH BOULEVARD

ENCHANTED MEADOW LANE

EVENING CANYON LANE

BLACKWOOD BRIDGE LANE

# 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. 084616

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. 5182865

          Amount \$10,575.00

          Cashier's Check.

          No. \_\_\_\_\_

          Amount \_\_\_\_\_

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

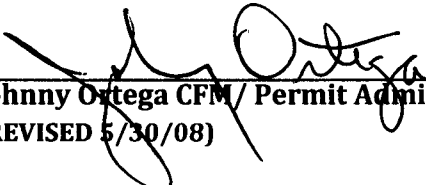
          Precinct Engineer Acknowledgment \_\_\_\_\_ Date \_\_\_\_\_

          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. 84616 PCT. No. 3  
 BOND No. 5182885

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
N Katy-Gaston Rd	44' NW of CL of Cinco Ranch Blvd : & 54' SE Katy-Gaston Rd	80'	:	X	:	:
Boxfield Ln	34' SE of CL of Boxfield Ln & 29' : NE of CL Katy-Gaston Rd	336'	:	X	:	:
Briarlilly Ln	118' NE of CL of Spring Green : Blvd & 30' SE of CL Briarlilly Ln	47'	:	X	:	:

**Along Roads and/or Drainage Ditches**

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance
N Katy-Gaston Rd	52' NW of CL of Cinco Ranch Blvd & : 23' NE of CL Katy-Gaston Rd	18' NW of CL of Briarlilly : Ln & 118' NE of Spring Green	3644'
Cinco Ranch Blvd	44' NE of CL of Cinco Ranch Blvd & 54' : SE of CL Katy-Gaston Rd	52' NW of CL of Cinco : Ranch & 23' NE of Katy-Gaston	80'
Cinco Ranch Blvd	40' NE of CL of Cinco Ranch & 207' SW : of CL Enchanted Meadow Ln	44' NE of CL of Enchanted : Meadow & 56' NW of QL of Cinco Ranch Blvd	318'

**General Description**

Proposed Telecommunication Conduit along Enchanted Meadows Ln, Evening Canyon Ln, N Katy-Gaston Rd, Cinco  
 Ranch Blvd between Cinco Ranch Blvd & Falsen Landing Blvd, Fort Bend County, Texas.

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.

COMPANY NAME: Interfacing Company of Texas

AGENT and/or OWNER

Tennell Huber

(Signature)

NAME & TITLE Tennell Huber

(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. 54616 PCT. No. 3  
BOND No. 5182865

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
Enchanted Meadow Ln	40' NE of CL of Cinco Ranch Blvd & 207' SW of CL Enchanted Meadow	318'	X			
Rustic Mill Ln	446' NE of CL Cinco Ranch Blvd	97'	X			
Evening Canyon Ln	800' SE of CL of Northlight Ln	28'	X			

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance
Evening Canyon Ln	52' NW of CL of Cinco Ranch Blvd & 23' NE of CL Katy-Gaston Rd	140' E of CL Blackwood Bridge Ln	2095'
Blackwood Bridge Ln	219' W of CL of Shady Walk Ln	404' E of CL of Shady Walk Ln	700'

General Description

Proposed Telecommunication Conduit along Enchanted Meadows Ln, Evening Canyon Ln, N Katy-Gaston Rd, Cinco  
Ranch Blvd between Cinco Ranch Blvd & Falsen Landing Blvd, Fort Bend County, Texas.

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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  
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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)

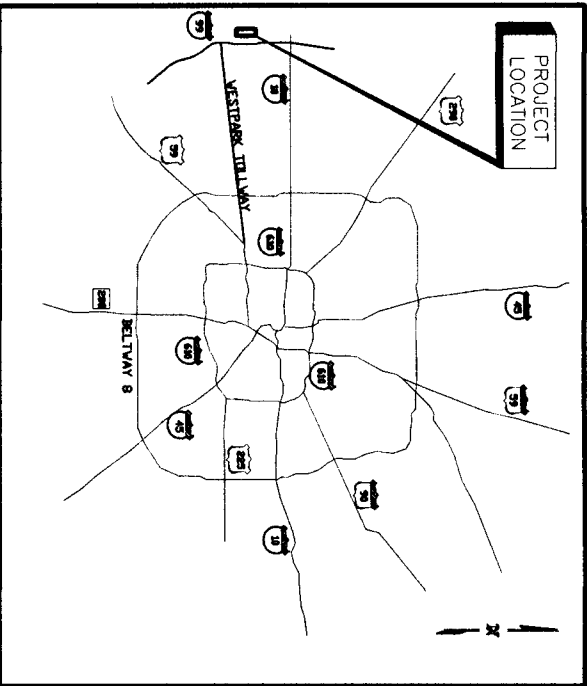
NAME & TITLE Terrell Hubenak  
(Please Print)

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)



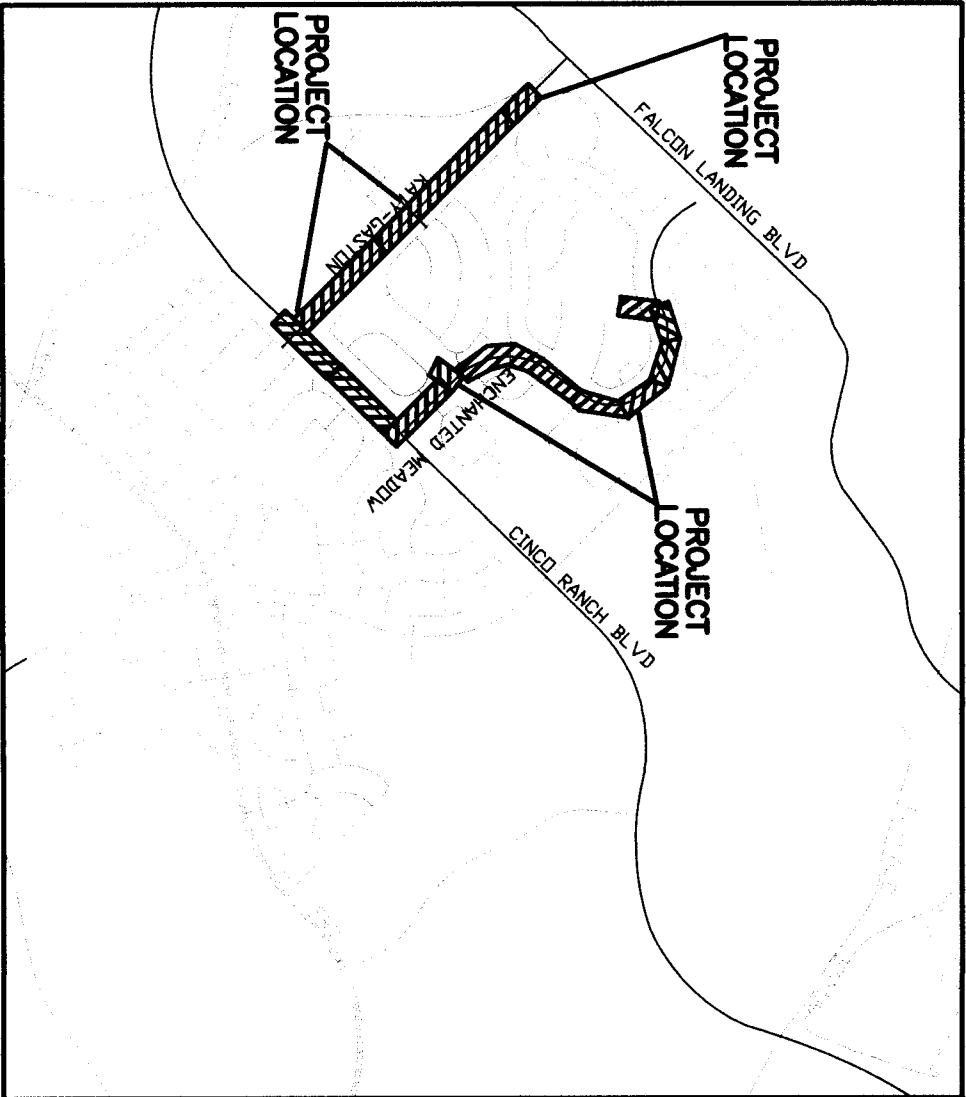
LOCATION MAP



PROPOSED TELECOMMUNICATION CONDUIT  
ALONG ENCHANTED MEADOWS LN,  
EVENING CANYON LN, KATY-GASTON RD,  
CINCO RANCH BLVD  
BETWEEN  
CINCO RANCH BLVD & FALSON LANDING BLVD  
FORT BEND COUNTY  
TEXAS

NEW BUILD

ICTX FIBER OPTIC PROJECT



VICINITY MAP

ONE-CALL NOTIFICATION SYSTEM  
CALL BEFORE YOU DIG!!!  
(713) 225-4567 (in Houston)  
(New Statewide Number Outside Houston)  
1-800-545-6005

KEY MAP#: 484Y, 484Z, 485S  
ZIP CODE: 77494

THE CONTRACTOR SHALL NOTIFY THE  
FORT BEND COUNTY ENGINEERING  
OFFICE OF THE COUNTY ENGINEER, 48HRS  
BEFORE STARTING WORK ON THIS PROJECT  
BY WRITTEN NOTICE TO:  
PERMIT ADMINISTRATOR  
FORT BEND COUNTY ENGINEERING  
301 JACKSON  
RICHMOND, TEXAS 77469

PROJECT SUBJECT TO STREET CUT ORDINANCE

\*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	3-23	0+00 - END
TRAFFIC CONTROL PLAN	24-25	
GENERAL CONSTRUCTION DETAILS	26	
HANDHOLE DETAIL	27	
PE-30HD HANDHOLE DETAIL	28	

NOTES:  
THE CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC  
WORKS AND ENGINEERING, ENGINEERING CONSTRUCTION DIVISION (TELEPHONE NO.  
713-863-1400) 48 HOURS BEFORE STARTING WORK ON THIS PROJECT

PROJECT NAME: CINCO RANCH CROWN CASTLE WEST (1)

JOB NUMBER: J1301186

TEO.LLC  
5510 Community Drive  
Houston, Texas  
77005  
281-536-5123 OFFICE  
713-669-6334 FAX  
teo@teo.com  
FIRM # F-8978

WAVEMEDIA  
TELECOM, LLC.

FORT BEND COUNTY

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 SPECIFICATIONS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING AND THE "STANDARD SPECIFICATIONS FOR 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 713-223-6697 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, DATED OCTOBER, 2002. REPAIRS AND 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 713-223-6697 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 PLUMBE, BRANCH, TRUNK AND/OR ROOT DAMAGE THAT COULD RESULT FROM CONSTRUCTION OPERATIONS AS PER THE CITY OF HOUSTON STREET TREE GRADING AND CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002 R-3-10 AND ANY AFTER CONDITION, INCLUDING 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 SEALED, NEW SHOWNILES MUST BE OBTAINED AND LETTERS OF AVAILABILITY MUST BE OBTAINED.
9. CONTRACTOR SHALL PREPARE A SET OF 7½" X 11½" DRAWINGS SHOWING ANY FIELD CHANGES TO BE MADE TO THE PERMITTED EXISTING CONDITIONS AND SUBMIT TO THE DESIGN CONSULTANT FOR SIGNATURE TO GET DRAWING.

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, HORIZONTAL DOMESTS SHALL BE 48 BARS, 24" LONG, 24" C-C, DRILLED AND EMBEDDED 8" INTO THE CENTER OF THE EXISTING SLAB WITH NO ROOF OR EQUAL.
3. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT OF EXISTING PLANTS AND TREES ALONG THE AREA OF EXCAVATION. ALL BOLE FIRMS SHALL BE COVERED BY TREE CANOPY (CRITICAL ROOT ZONE), 34MM BRICK PAVED, 10" DEPTH SHALL BE STORED UNDER TREE CANOPY (CRITICAL ROOT ZONE).
- 3A. ALL PROTECTED TREES WILL BE FENCED AT DOW LINE.
- 3B. ALL PROTECTED TREES WILL BE FENCED AT DOW LINE.
- 3C. PRESENT MUST BE OBTAIN TO REMOVE ANY TREE IN RIGHT-OF-WAY.
4. EXISTING TREES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. ANY TREES THAT ARE REMOVED SHALL BE REPLACED TO THE SATISFACTION OF THE OWNING AUTHORITY.
5. CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS AND STATE OF TEXAS LAWS CONCERNING EXCAVATION.
6. WASTEWATER PUMPS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002. SUMPWAX IS DAMAGED OR REMOVED DURING CONSTRUCTION.

ALL CONTRACTORS MUST SECURE JUNK/STREET CLOSING PERMITS FROM THE CITY DEPARTMENT OF PLANNING/DEVELOPMENT AND ENGINEERING PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL MAINTAIN 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) 657-7260 FOR AN APPLICATION.

TRENCH SAFETY SYSTEMS

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

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 ACCOMPANIED 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 FACILITY. WHEN LOCATED, THE CONTRACTOR SHALL TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.

CONSTRUCTION NOTES

1. DIRECTIONAL BORING WILL BE UTILIZED WHEREVER POSSIBLE. ALL EXCAVATIONS WILL BE BACKFILLED PER CITY, DOT, AND COUNTY SPECIFICATIONS.
2. PIER OPTIC WARNING LINE WILL BE PLACED 12' BELOW THE EXISTING GRADE IN ALL EXCAVATIONS.
3. VERIFICATION OF THE LOCATION OF EXISTING UTILITY CROSSING IS REQUIRED. THE CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AT 713-223-6697 FOR INSPECTION AT LEAST 48 HOURS PRIOR TO COMMENCING THE CONSTRUCTION.
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 DEHS OF ALL WORKING DUCTS PRIOR TO CONSTRUCTION. UPON COMPLETION, ALL WELLS AROUND FIBER INSTALLATION.
7. INSTALL THREE (3) 125' HOLE AS SHOWN ON CONSTRUCTION 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 SHALL BE USED DURING PULLING.
10. THE REMOVAL AND STORAGE OF ALL SHREDDERY 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. IF THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION AS-BUILT DRAWINGS AND PRESENT A COMPLETE SET WITHIN 14 DAYS OF COMPLETION OF THE WORK.
13. CONCRETE WILL BE REMOVED NO MORE THAN SIX (6) INCHES ABOVE THE FLOOR GRADE IN HATCHES.
14. PLACE AT LEAST EIGHT (8) INCHES OF CRUSHED ROCK IN THE BOTTOM OF HATCHES PRIOR TO PLACING THE NEW SLAB (2 SQUARES PER FOOT) AND THE HATCHES.
15. PLACE 100 FEET FIBER SLACK COIL IN EACH HATCH/WHOLE/HATCH.
16. BARED POWER LINES HUNG DO AS REQUIRED.
17. BARED FIBER OPTIC TELEPHONE CABLES HUNG DO AS REQUIRED.
18. BARED CANY CABLES HUNG DO AS REQUIRED.
19. BARED GAS LINES HUNG DO AS REQUIRED.
20. BORE OUTSIDE THE DOW LINE OF ALL TREES TO PREVENT ROOT DAMAGE (CRITICAL ROOT ZONE).
21. WHEN TREESHED, BORE IF A TREE ROOT OF 1" DIAMETER OR LARGER IS EXPOSED.
22. WALLS CRACKING, SPALLING, ROOF OF WAY (ROW) LINES CORRUPT WITH THE BACK OF SUMPWAX.
23. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. CALL TEXAS ONE CALL AT 1-800-344-8377.

UNDERGROUND GAS FACILITIES

LOCATIONS OF GASEXPOSED ENERGY MAIN LINES (TO INCLUDE GASEXPOSED ENERGY MINISTRIES PERMIT, L.L.C. LOCATIONS) 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.

- WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF GASEXPOSED ENERGY MAIN LINES, ALL EXCAVATION MUST BE ACCOMPANIED USING NON-MECHANIZED EXCAVATION PROCEDURES.
- WHEN GASEXPOSED ENERGY FACILITIES ARE EXPOSED, THE CONTRACTOR SHALL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE FACILITY. WHEN LOCATED, THE CONTRACTOR SHALL TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.
- WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF GASEXPOSED ENERGY MAIN LINES, ALL EXCAVATION MUST BE ACCOMPANIED USING NON-MECHANIZED EXCAVATION PROCEDURES.
- WHEN GASEXPOSED ENERGY FACILITIES ARE EXPOSED, THE CONTRACTOR SHALL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE FACILITY. WHEN LOCATED, THE CONTRACTOR SHALL TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.

WARNING: OVERHEAD ELECTRICAL FACILITIES

OVERHEAD LINES ARE SHOWN ON THE PROPERTY. HE HAVE NOT ATTEMPTED TO MARK THESE LINES SINCE THEY ARE NOT AVAILABLE. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND UTILITIES.

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, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002. REPAIRS AND SPECIFICATIONS REFERENCED ABOVE, AT NO COST TO THE CITY OF HOUSTON.
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, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002.
3. ALL SEWERS 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/CLAY 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 D-998/MSHTO 199).
5. CIRCULAR 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-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 02066-ADJUSTING MANHOLES, INLETS AND VALVE BOXES TO GRADE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, MAINTAINING, AND RESTORING ANY BACK SLOPE DRAINAGE SYSTEMS DISTURBED AS RESULT OF HIS WORK.
11. ALL DITCHES SHALL BE RESTORED TO PROPOSED ELEVATIONS TO INSURE PROPER DRAINAGE. ALL OUTFALLS SHALL BE PROPERLY BACKFILLED AND COMPACTED. ALL DISTURBED AREAS SHALL BE RESEED, SEEDING, AND FERTILIZED.
12. ALL DRAINWAYS WILL BE LOCATED TO AVOID EXISTING CURB INLET STRUCTURES.

WASTEWATER NOTES

1. SANITARY SEWERS SHALL BE BUILT TO CITY OF HOUSTON SPECIFICATIONS AND/OR ALL APPLICABLE BUILDING CODES.
2. MANHOLES SHALL BE BUILT IN ACCORDANCE WITH CITY OF HOUSTON DRAWING NO. 02091-00C FOR SERIES 8" TO 24" OR DRAWING NO. 02091-00C FOR SERIES 27" TO 60". ALL MANHOLES MUST BE PROTECTED WITH THE BASE SLAB REINFORCE WITH NO. 5 BARS AT 8" ON CENTER. EACH MANHOLE BRICK MANHOLES ARE NOT ALLOWED.
3. ALL SANITARY SEWER PIPE AND FITTERS, UNLESS LISTED IN THE PLANS AS DUTILE IRON (D.I.P.), SHALL BE P.V.C. AND SHALL CONFORM TO ASTM D-2241. P.V.C. PIPE MATERIAL SHALL CONFORM TO ASTM D-1784 WITH A RIGID CELL CLASSIFICATION OF 15464-8 (MVC 1120). P.V.C. FITTINGS SHALL HAVE ELASTOMERIC JOINTS CONFORMING TO ASTM D-5178 AND GASKETS USING SBR 20 P.V.C. OR C-400 OR 18 P.P.E. UNLESS OTHERWISE SPECIFIED. P.V.C. FITTINGS SHALL NOT EXCEED THE REQUIREMENTS FOR SDR 21 (P-R 200) PIPE. DUTILE IRON PIPE SHALL BE IN CONFORMANCE WITH AWWA C-151 AND AWWA C-111. STANDARD CLASS 300, WITH BELL AND SPOT FLOW-ON JOINTS. D.I.P. SHALL HAVE AN INTERIOR COATING OF 40 MILS POLYURETHANE AND AN EXTERIOR 8 MIL POLYURETHANE PAINT.
4. ALL P.V.C. SANITARY SEWER PIPES SHALL HAVE BEDDING AND SHOVEL AS SHOWN ON THE CITY OF HOUSTON DRAWING NO. 02317-00, NO SPANVINE P.V.C.
5. SANITARY SEWERS LOCATED UNDER OR WITHIN ONE FOOT OF PROPOSED OR FUTURE PAVING SHALL BE BACKFILLED WITH CEMENT STABILIZED SAND (1-1/2" SACK/CLAY) TO WITHIN ONE FOOT OF PAVEMENT AS SHOWN ON CITY OF HOUSTON DRAWING NO. 02091-04 AND 02227-01C, NO SPANVINE P.V.C. (SEE VERIFICATION WILL BE REQUIRED PRIOR TO PLACEMENT OF PAVEMENT).
6. ALL SEWER LINES THAT REQUIRE DRAINAGING FOR INSTALLATION SHALL BE BEDDED AND BEDDED IN GENERAL CONFORMANCE WITH CITY OF HOUSTON DRAWING NO. 02091-04 AND 02227-01C.

7. ALL SEWER LINES 16 FEET OR GREATER IN DEPTH (AS MEASURED FROM THE MANHOLE RIM TO THE FLOORING OF THE PIPES) SHALL BE TAPPED AND VENTED BY THE CONTRACTOR IN THE PRESENCE OF THE DRAINAGE TAPES SHALL BE MADE IN THE VHS FORMAT, IN COLOR, AND TWO COMPLETE COPIES SHALL BE PROVIDED TO THE OWNERS.
8. ALL SANITARY SEWER MANHOLE RIMS SHALL BE SET 3" TO 5" ABOVE SURROUNDING FINISHED GRADE, WITH SLOPED FILL ADDED FOR STORM WATER DRAINAGE AWAY FROM THE MANHOLE RIM.
9. ALL SANITARY SEWER MANHOLE RIMS SHALL BE SET 3" TO 5" ABOVE SURROUNDING FINISHED GRADE, WITH SLOPED FILL ADDED FOR STORM WATER DRAINAGE AWAY FROM THE MANHOLE RIM.
10. DEFLECTION TEST SHALL BE PERFORMED ON ALL FLEXIBLE AND SDR-35 PIPE, EXCEPT SERVICE LEADS. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AND A 100-POUND LOAD SHALL BE APPLIED TO THE TOP OF THE PIPE. THE TEST SHALL BE CONDUCTED WITHIN 14 DAYS OF COMPLETION OF THE WORK. THE TEST SHALL BE CONDUCTED WITHIN 14 DAYS OF COMPLETION OF THE WORK. THE TEST SHALL BE CONDUCTED WITHIN 14 DAYS OF COMPLETION OF THE WORK.
11. ALL SANITARY SEWER MANHOLE RIMS SHALL BE SET 3" TO 5" ABOVE SURROUNDING FINISHED GRADE, WITH SLOPED FILL ADDED FOR STORM WATER DRAINAGE AWAY FROM THE MANHOLE RIM.
12. SANITARY SEWER LINES CROSSING ABOVE WATER LINES MUST HAVE A FULL LENGTH JOINT (OR MORE) HORIZONTALLY CENTERED AT THE CROSSING WITH A MINIMUM SEPARATION DISTANCE OF SIX INCHES.
13. SANITARY LINES CROSSING BELOW WATER LINES MUST HAVE A FULL LENGTH JOINT (OR MORE) HORIZONTALLY CENTERED AT THE CROSSING WITH A MINIMUM SEPARATION DISTANCE OF SIX INCHES.
14. SANITARY LINES CROSSING ABOVE WATER LINES MUST HAVE A FULL LENGTH JOINT (OR MORE) HORIZONTALLY CENTERED AT THE CROSSING WITH A MINIMUM SEPARATION DISTANCE OF TWO FEET.
15. SANITARY SEWER PIPES SHALL BE BROWN OR GREEN AND SHALL BE LABELED EVERY TWO FEET, NON REMOTE WHITE.
16. ALL SANITARY SERVICE SHALL BE LAP TESTED MANHOLE TO MANHOLE.
17. ALL GRADY SANITARY SEWERS SHALL BE AIR TESTED PER SPECIFICATIONS.

STREET, BRIDGE AND ROW NOTES

1. DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S STANDARD CONSTRUCTION SPECIFICATIONS, DATED OCTOBER, 2002, AND STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING, DATED OCTOBER, 2002 (AND LATER, UNLESS OTHERWISE NOTED AND APPROVED ON THESE PLANS. THE DESIGN IS CONSISTENT WITH THE MINIMUM STANDARDS ESTABLISHED IN THE INFRASTRUCTURE DESIGN MANUAL, DATED OCTOBER, 2002.
2. FILL AREAS ON PLANS SHALL BE FILLED IN LAYERS NOT EXCEEDING 8" IN DEPTH AND EACH COMPACTED TO NOT LESS THAN 95% STANDARD PROCTOR DENSITY PRIOR TO INSTALLATION OF WATER LINE AND FILL AREA SHALL BE SEEDING AND FERTILIZED WITHIN 10 WORKING DAYS.
3. UTILITY CONTRACTOR SHALL PROVIDE TEMPORARY SALT BARRIER FENCE ON ALL NON-CURB INLETS WHICH WILL REMAIN IN PLACE AFTER UNDERGROUND CONTRACT IS COMPLETE.
4. CONTRACTOR SHALL PROVIDE SALT BARRIER FENCE ON ALL STAGE 1 CURB INLETS.
5. EXISTING PAVEMENTS, CURBS, SIDEWALKS, AND DRAINWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED TO CITY OF HOUSTON STANDARDS, WITH LATEST AMENDMENTS THEREON.
6. 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.
7. 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.
8. EXPOSE 15' OF REINFORCING STEEL AT PROPOSED SAVED JOINT, IF NO REINFORCING STEEL EXISTS, USE HORIZONTAL DOMESTS, HORIZONTAL DOMESTS SHALL BE 48 BARS, 24" LONG, 24" C-C, DRILLED AND EMBEDDED 8" INTO THE CENTER OF THE EXISTING SLAB WITH "PO ROOF" OR EQUAL.
9. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS AND TREES ALONG AREA OF EXCAVATION.
10. CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS AND STATE OF TEXAS LAW CONCERNING EXCAVATION, TREESHEDDING AND SHORING AS SPECIFIED IN CITY OF HOUSTON ORDINANCE #87-1457.
11. WHEELCHAIR RAMP SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF HOUSTON WHERE SIDEWALKS EXIST AND EXISTING CURB OR SIDEWALK IS DAMAGED OR REMOVED DURING CONSTRUCTION.
12. WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, DATED OCTOBER, 2002. REPAIRS AND SPECIFICATIONS REFERENCED ABOVE, AT NO COST TO THE CITY OF HOUSTON.
13. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES TO EXISTING WATER, WASTEWATER, STORM SEWER AND TRAFFIC SIGNAL CONDUITS. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH CITY OF HOUSTON, DEPT. OF PUBLIC WORKS AND ENGINEERING, STANDARD CONSTRUCTION SPECIFICATION" WITH LATEST ADDENDA AND AMENDMENTS THEREON, AT NO COST TO THE CITY OF HOUSTON.
14. 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.

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 INTO 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.
3. CONTRACTOR SHALL CLEAN UP THE EXISTING STREET INTERSECTIONS AND DRIVEWAYS DAILY, AS NECESSARY, TO REMOVE ANY EXCESS MUD, SALT 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.
7. 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 SODDING IS DISTURBED BY EXCAVATION OR SODDING, SLOPES 4:1 OR STEEPER SHALL BE REPLACED BY BLOCK SODDING.

FIRM FLOOD INSURANCE RATE MAP

PANEL 110 OF 575  
WPP 461370210.0  
MAP REVISED APRIL 2, 2014

DISCLAIMER

GENERAL NOTES: UNDERGROUND UTILITIES AND CONDUITS ARE PRESENT ON MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.

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

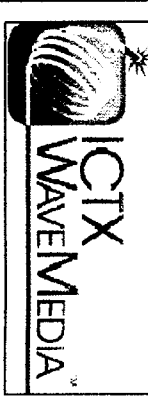
PRIVATE UTILITY LINES SHOWN

AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR EASEMENTS CALL THE LONG STATE NOTIFICATION 713-223-6697.

Contract/Design/Specific Facilities (Approved only for existing underground facilities, unless otherwise noted)	Date
30% Approved for underground service facilities only	Date
Signatures valid for one year.	Date

JOB NUMBER:

TEO.LLC  
5510 Community Drive  
Houston, Texas 77005  
281-636-6123 OFFICE  
713-688-6334 FAX  
teolc@gmail.com  
FIRM # F-8978



WAVEMEDIA  
TELECOM, LLC.

EMERGENCY# 1-713-895-0002

GENERAL NOTES

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

FORT BEND COUNTY

FILE NO:	06/16/14
DRAWING SCALE:	
NO. OF SITS:	
VERT.:	NIS

DISCLAIMER

- GENERAL NOTES:
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  2. CALL UNDERGROUND SERVICE ALERT AT 1-800-4-A-SHIFT AT LEAST 48 HOURS BEFORE EXCAVATION.
  3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TOTALS

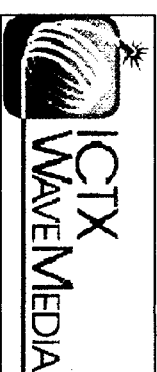
FIBER THIS SHEET: 165'  
FIBER CUMULATIVE: 5577'  
STATIONING 0+00-2+55, 0+00-0+78  
CONDUIT 165 LF

MATERIAL LIST

QUANTITY	
2 - 1.25" HDPE	165' EA
BURIED CABLE MARKER	3
BOREPIIT	1
PE-30HD HANDHOLE	1

TEO, LLC

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



WAVEMEDIA  
TELECOM, LLC.

EMERGENCY# 1-713-895-0002

CINCO RANCH CROWN CASTLE WEST (1)  
CONSTRUCTION DRAWING

PRIVATE UTILITY LINES SHOWN  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
ESSENTIALS CALL THE LINE STAB NOTIFICATION 713-223-8927.

DATE: \_\_\_\_\_  
(Contracted Survey / Civil Engineering  
Stamp of Surveyor or Engineer)  
NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY.

DATE: \_\_\_\_\_  
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DISCLAIMER

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  2. CALL UNDERGROUND SERVICE ALERT AT 1-800-4-A-SHIFT AT LEAST 48 HOURS BEFORE EXCAVATION.
  3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TOTALS

FIBER THIS SHEET: 165'  
FIBER CUMULATIVE: 5577'  
STATIONING 0+00-2+55, 0+00-0+78  
CONDUIT 165 LF

MATERIAL LIST

QUANTITY	
2 - 1.25" HDPE	165' EA
BURIED CABLE MARKER	3
BOREPIIT	1
PE-30HD HANDHOLE	1

TEO, LLC

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FIRM # F-8978



WAVEMEDIA  
TELECOM, LLC.

EMERGENCY# 1-713-895-0002

CINCO RANCH CROWN CASTLE WEST (1)  
CONSTRUCTION DRAWING

PRIVATE UTILITY LINES SHOWN  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
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(Contracted Survey / Civil Engineering  
Stamp of Surveyor or Engineer)  
NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY.

DATE: \_\_\_\_\_  
(Contracted Survey / Civil Engineering  
Stamp of Surveyor or Engineer)  
NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY.

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.

TOTALS

FIBER IN HIS SHEET:

FIBER CUMULATIVE: 557  
STATIONING 0+78-5+29

CONDUIT 511 LF

MATERIAL	LIST	QUANTITY
----------	------	----------

2 - 1.25" HDPE	511'
----------------	------

BURIED CABLE MARKER	1
---------------------	---

HANDHOLE	1
BE-30HD HANDHOLE	0

100

LEO.LLC

3510 COMPLEXTON DRIVE  
Houston, Texas 77065

281-536-5123 OFFICE

713-668-6334 FAX

teollic@gmail.com



**WAVEMEDIA  
TELECOM, LLC.**

EMERGENCY# 1-713-895-0002

CANCO RANCH CROWN CASTLE WEST (1)

# CONSTRUCTION DRAWING

PRIVATE UTILITY LINES SHOWN  
AT LEAST 48 HOURS BEFORE EXCAVATION IN ORDER TO AVOID DAMAGE

**EASEMENTS CALL THE LONE STAR NOTIFICATION 713-223-4566**

## Index

CenterPoint Energy/Electric Facilities  
(Approved only for crossing underground pipelines, unless otherwise noted.)

Terms on order of invoice only.

Date:

At&T Approved for underground conduit facilities only.  
Signatures valid for one year.

**Dobbi:** Verdigris Energy / New England

(Das service Blase are not shown)

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

FOOT BINDING

FOR BEND COUNTY  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

\_\_\_\_\_

**Table 1**

DATE: 6/16/14

**DRAWING SCALE:**

Horiz: 1" = 20'

VERT: 1" = 0.2'

---

SHEET  
No. 4 of 28

[illegible]



DISCLAIMER

- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT IN DRUMS 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 POtholing, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

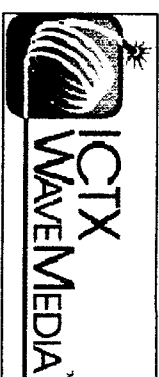
JOB NUMBER: J1301186

TOTALS

FIBER THIS SHEET: 284'  
FIBER CUMULATIVE: 5577'  
STATIONING: 6+58-9+27  
CONDUIT: 284 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	284' EA
BURIED CABLE MARKER	1
HANDHOLE	1
PE-30HD HANDHOLE	0

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



**WAVEMEDIA**  
TELECOM, LLC.

EMERGENCY # 1-713-895-0002

**ONCO RANCH CROWN CASTLE WEST (1)**  
CONSTRUCTION DRAWING

PRIVATE UTILITY LINES SHOWN  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
ADJACENT TO THE LOT. SEE NOTE 113-224-1897.

Underground Utility / Electric Facilities  
Shown at 1/2" = 20' (unless otherwise noted)

After Approval for underground conduit facilities only.  
Schedules valid for one year.  
Date: \_\_\_\_\_

Underground Utility / Gas Facilities  
(Gas service lines are not shown)  
Date: \_\_\_\_\_

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

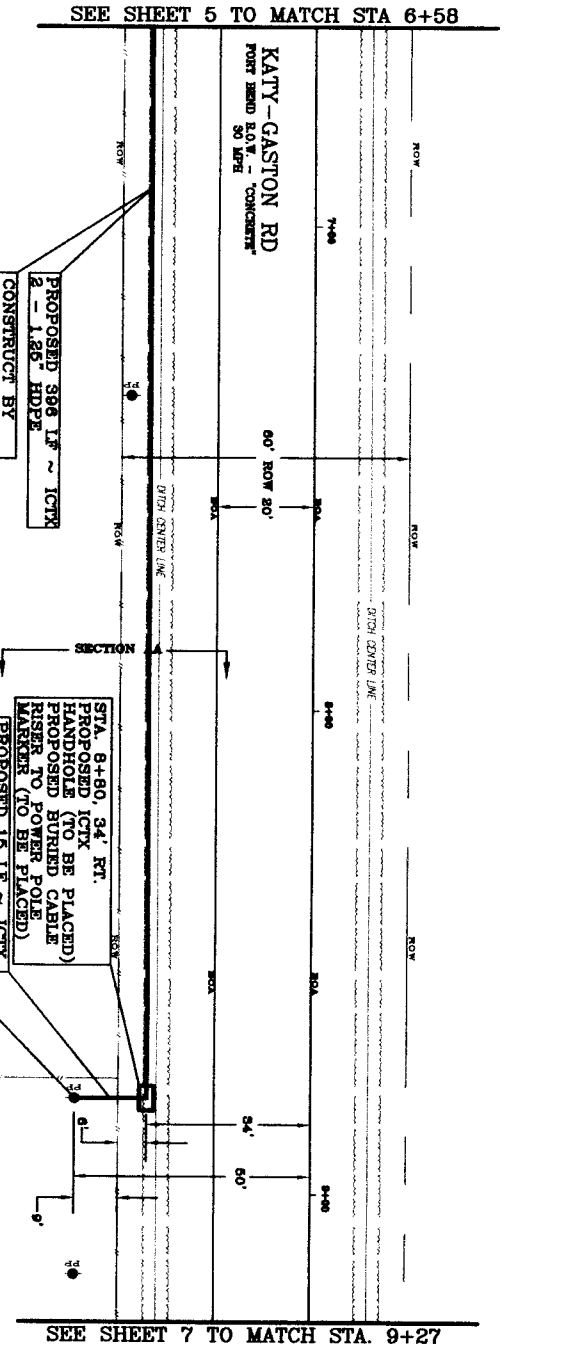
**FORT BEND COUNTY**  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE: 6/16/14

DRAWING SCALE:

HORIZ: 1" = 20'  
VERT: 1" = 02'

SHEET NO: 6 of 28



POWER POLE

NOTE:

THE LOCATION OF CONSTRUCTION SHALL TO BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF THE CONSTRUCTION.

PROFILE

8+00 FORT BEND COUNTY

POWER POLE

NOTE:

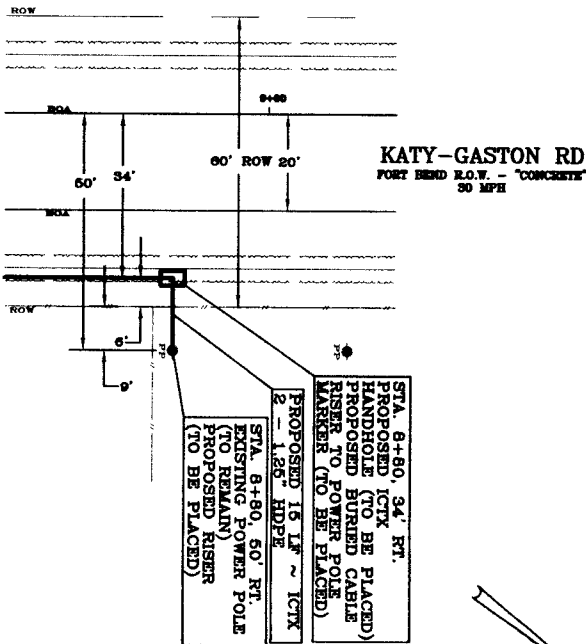
CAUTION: UNDERGROUND GAS FACILITIES  
LOCATED AT STA. 8+80. 34' RT. PROPOSED ICTX HANDHOLE (TO BE PLACED) RISER TO POWER POLE MARKER (TO BE PLACED).

NOTE:

CONTACT SCHEDULES AT 800-344-8377  
AT LEAST 48 HOURS BEFORE EXCAVATION.

NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF THE CONSTRUCTION.



POWER POLE

NOTE:

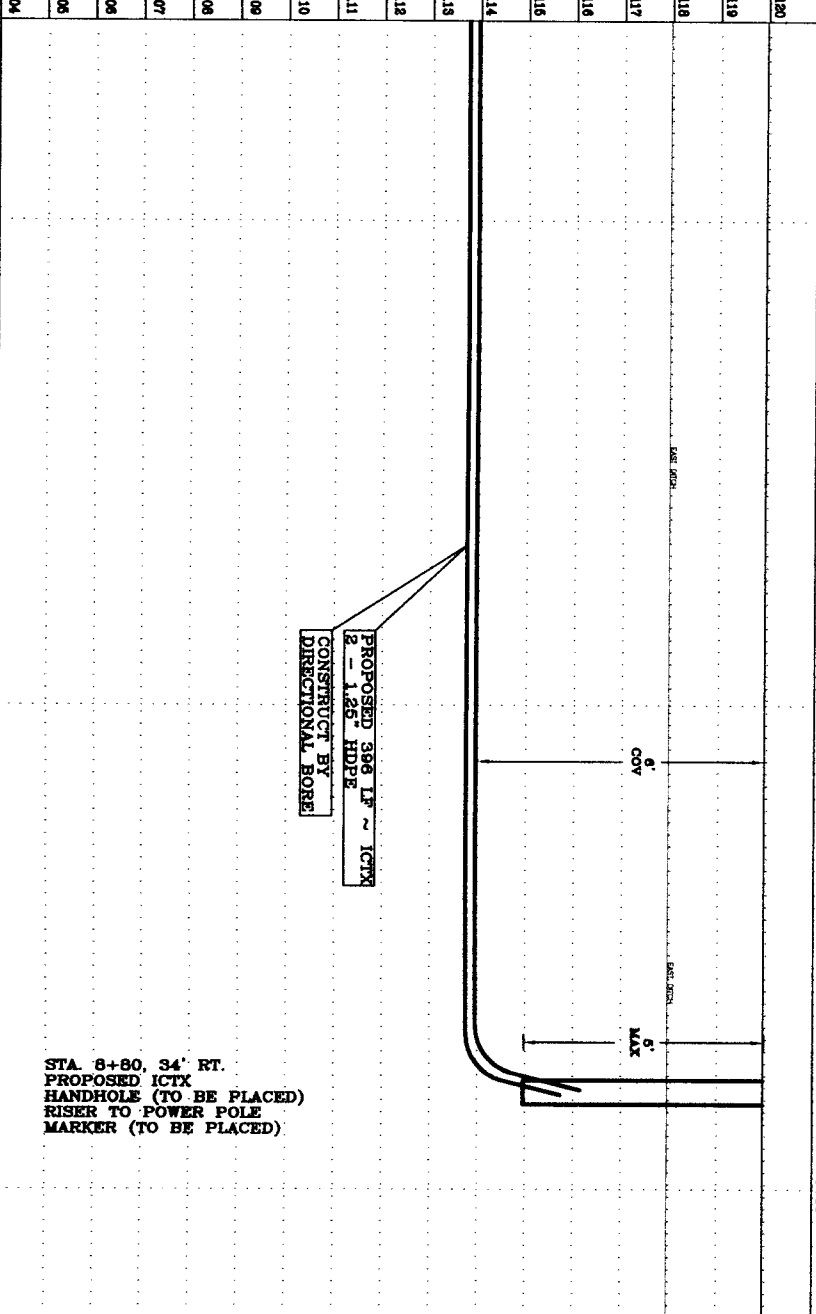
CAUTION: UNDERGROUND GAS FACILITIES  
LOCATED AT STA. 8+80. 34' RT. PROPOSED ICTX HANDHOLE (TO BE PLACED) RISER TO POWER POLE MARKER (TO BE PLACED).

NOTE:

CONTACT SCHEDULES AT 800-344-8377  
AT LEAST 48 HOURS BEFORE EXCAVATION.

NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF THE CONSTRUCTION.



STA. 8+80. 34' RT. PROPOSED ICTX HANDHOLE (TO BE PLACED) RISER TO POWER POLE MARKER (TO BE PLACED)

STA. 8+80. 34' RT. PROPOSED ICTX HANDHOLE (TO BE PLACED) RISER TO POWER POLE MARKER (TO BE PLACED)  
STA. 8+80. 50' RT. EXISTING POWER POLE (TO REMAIN) PROPOSED RISER (TO BE PLACED)

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 800-344-8377 AT LEAST 48 HOURS BEFORE EXCAVATION.
  3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TOTALS

FIBER THIS SHEET: 306'

FIBER CUMULATIVE: 5577'

STATIONING 9+27-16+10

CONDUIT 306 LF

MATERIAL LIST

QUANTITY

2 - 1.25" HDPE 306' EA

BURIED CABLE MARKER 1

HANDHOLE 1

PE-30HD HANDHOLE 0

TEO.LLC

5510 Community Drive

Houston, Texas

77005

281-536-5123 OFFICE

713-668-6334 FAX

leo@teolllc.com

FIRM # F-8978



WAVEMEDIA

TELECOM, LLC.

EMERGENCY # 1-713-895-0002

CHICO RANCH CROWN CASTLE WEST (1)

CONSTRUCTION DRAWING

PRIVATE UTILITY LINES SHOWN AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR EASEMENTS CALL THE LONG STATE NOTIFICATION 713-223-4927.

Contracted Survey/Profile Facilities

Check for existing underground facilities, unless otherwise noted.

Valid at time of review only.

Date:

Date:

Date:

Date:

Date:

Date:

Date:

Date:

Date:

Date:

Date:

Date:

Date:

Date:

Date:

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Date:

Date:

1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESUMED TO BE CORRECTLY LOCATED BY THE 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: 306'  
FIBER CUMULATIVE: 5577'  
STATIONING 16+10-19+56  
CONDUIT 306 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	306'
BURIED CABLE MARKER	2
HANDHOLE	0
PE-30HD HANDHOLE	2

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



EMERGENCY# 1-713-895-0002

AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W.  
FASMENTS CALL THE LONE STAR NOTIFICATION 713-223-4555

**CenterPoint Energy/Electric Facilities**  
(Approved only for crossing underground ductlines, unless otherwise noted at time of review only.)

Altair Approved for underground conduct facilities only.  
Signatures valid for one year.

CenterPoint Energy / Gas Facility  
(Gas service lines are not shown).

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

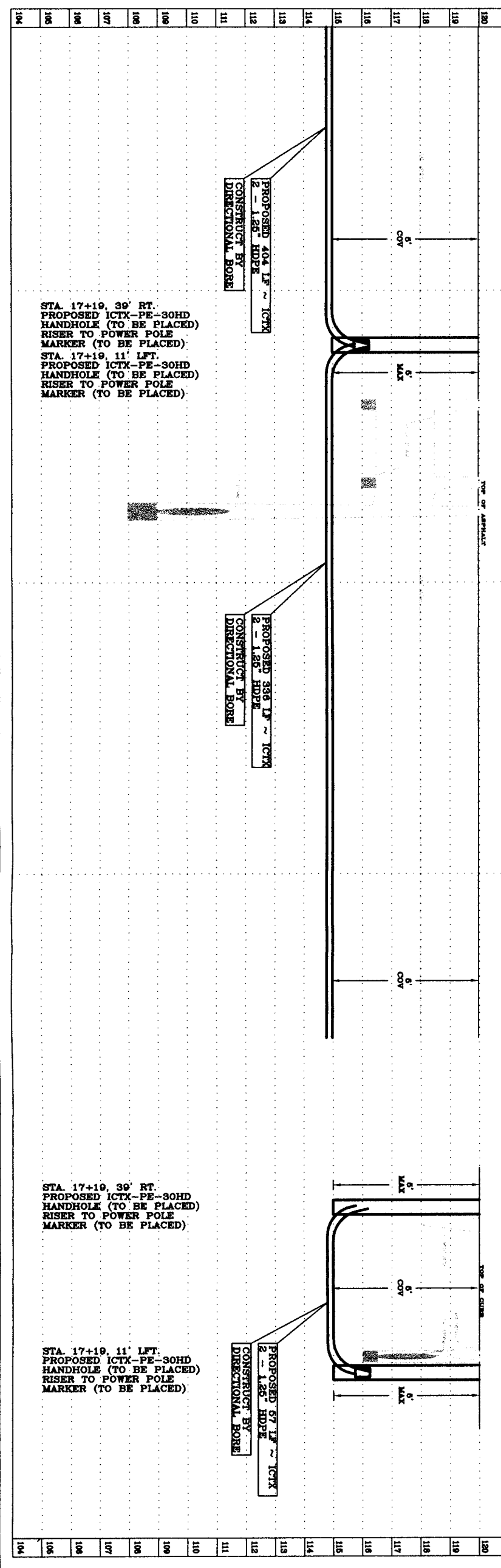
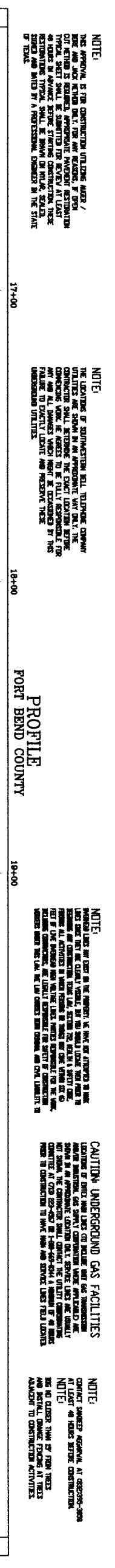
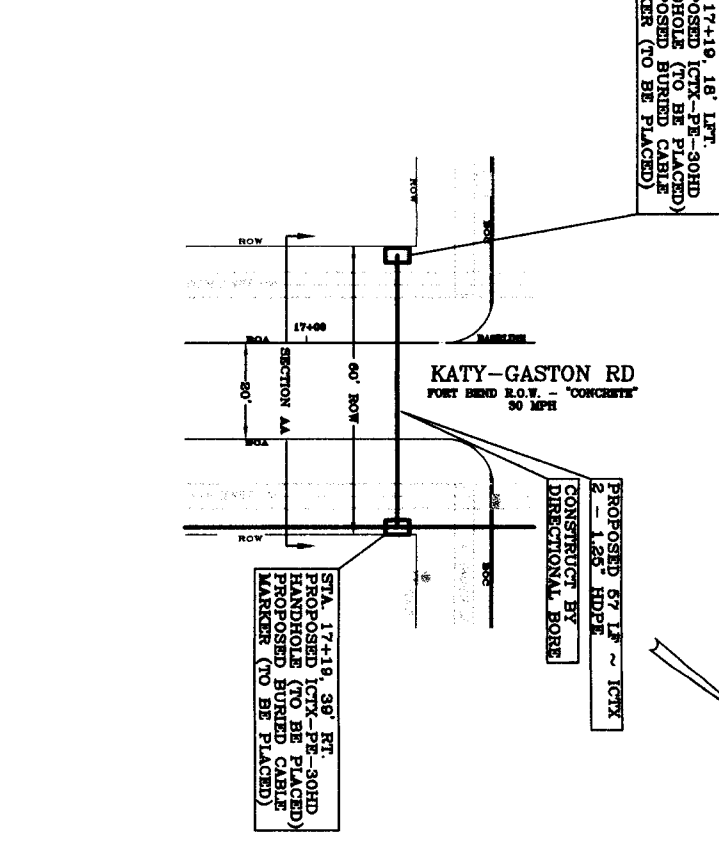
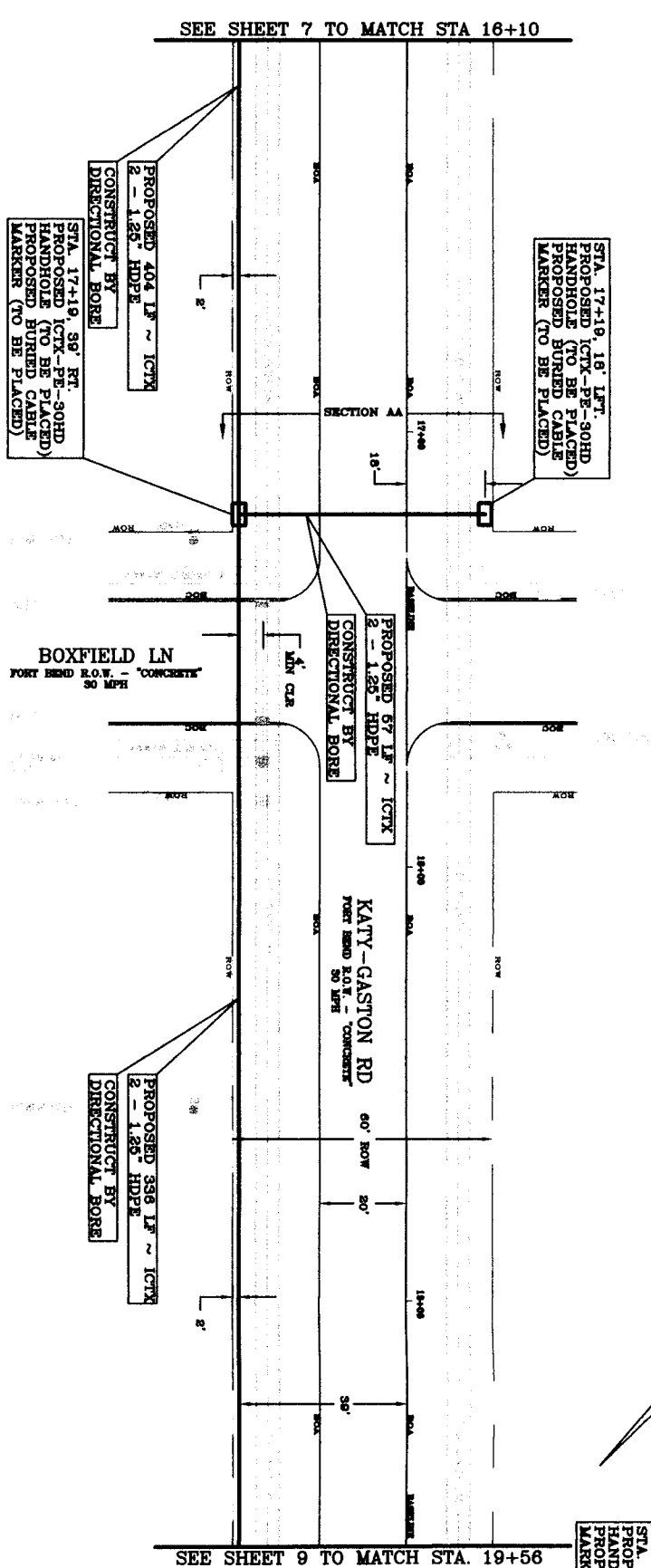
FORI BEND COUNTY  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE: 6/16/14

**DRAWING SCALE:**

VERT: 1" = 02'

SHEET  
No: 8 of 28



**NOTE:** THIS APPROVAL IS FOR CONSTRUCTION UTILIZING ALUM / BRK AND JOCK KENTED DR. FOR ANY REASONS, IF OPEN CUT METHOD IS REQUIRED, APPROPRIATE PAVEMENT ESTIMATION TYPICAL SHEET SHALL BE SUBMITTED FOR REVIEW AT LEAST 40 FEET IN ADVANCE BEFORE STARTING CONSTRUCTION. THESE ESTIMATIONS TYPICAL SHALL BE SIGNED BY RUCAL, REVIEWED, 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 CONTRIBUTOR SHALL DETERMINE THE EXACT LOCATION BEFORE CONSTRUCTION. SHE HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCURRED BY THIS FAILURE TO EXACTLY LOCATE AND PRESENT THESE UNDERGROUND UTILITIES.

## NOTE

## CAUTION UNDERGROUND GAS FACILITIES

**NOTE:**  
CONTACT SANGHEE AGENCY, AT (800) 959-  
AT LEAST 48 HOURS BEFORE CONSTRUCTION.  
**NOTE:**  
DO NOT CLIMB DOWN BY FROM TREES  
AND DISTURB ORIGIN TREES  
ADJACENT TO CONSTRUCTION ACTIVITIES.

GENERAL NOTES:

1. ALL BORN UNDERGROUND UTILITIES DRAWINGS AND FIELD ENGINEERING MAPS AND PLOTTED 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 FOTHOLOG, LOOKING AND PROBING ALL UNDERGROUND STRUCTURES.

**TOTALS**  
FIBER THIS SHEET: \_\_\_\_\_

FIBER THIS SHEET: 110'  
FIBER CUMULATIVE: 5577'  
STATIONING 19+56-23+06  
CONDUIT 110 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	110' E
BURIED CABLE MARKER	1
HANDHOLE	1
PE-30HD HANDHOLE	0

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



**WAVEMEDIA  
TELECOM, LLC.**

EMERGENCY# 1-713-895-0002

SCINCO RANCH CROWN CASTLE WEST (11)  
CONSTRUCTION DRAINING

PRIVATE UTILITY LINES SHOWN  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
EASEMENTS CALL THE LONG STAR NOTIFICATION 713-223-4997.

Approved only for crossing underground ductlines, unless otherwise noted.  
Valid at time of review only.

Date:	Signature valid for one year.	DATE	Signature valid for one year.	DATE

**NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY**

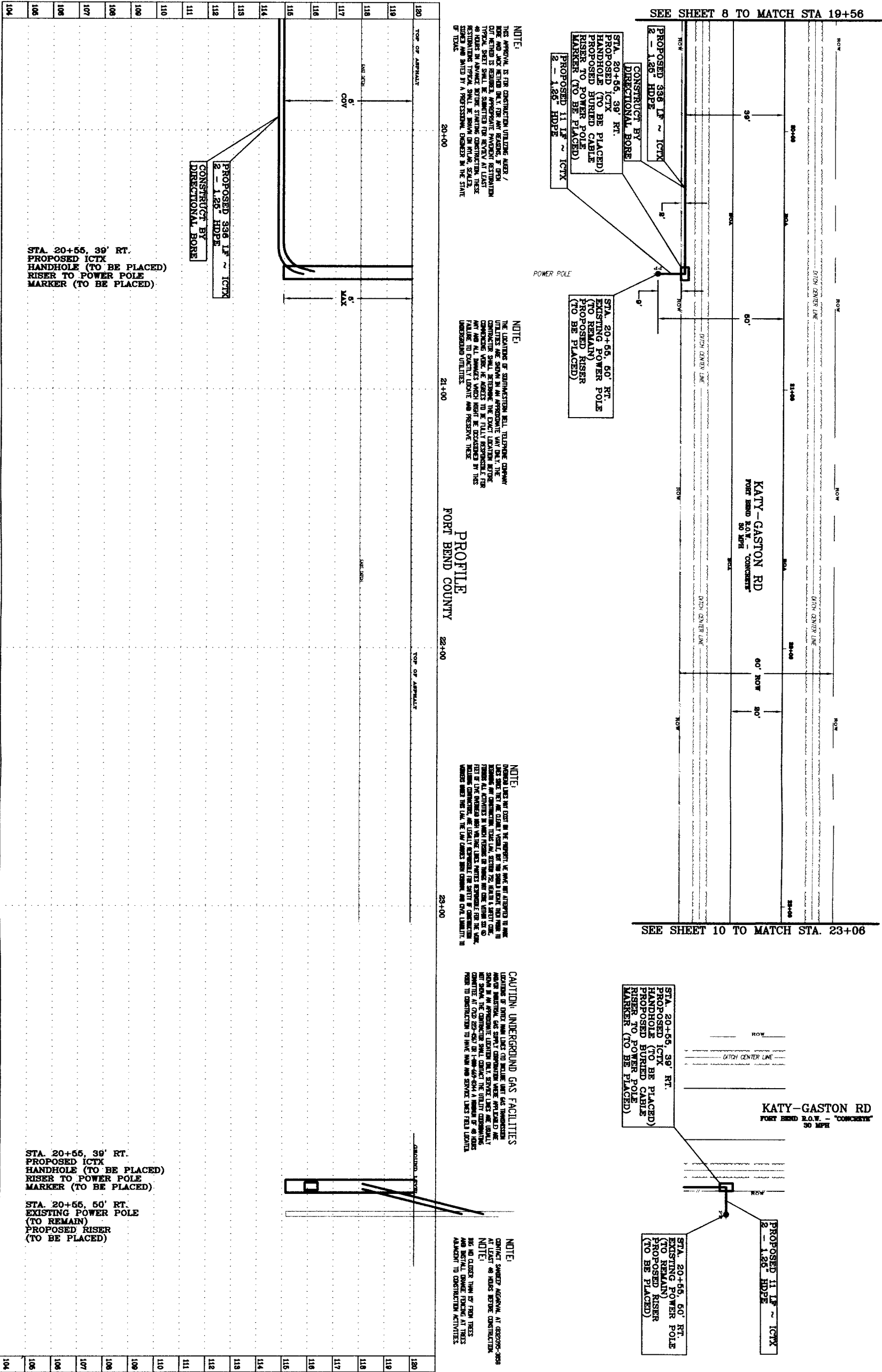
FORT BEND COUNTY  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE: 6/16/14

**DRAWING SCALE:**

MOZ:	1" = 20'
YEST:	1" = 02'

928



GENERAL NOTES:

1. ALL BORN UNDERGROUND UTILITIES DRAWINGS AND FIELD ENGINEERING MAPS AND PLOTTED 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 FOTHOLOG, LOOKING AND PROBING ALL UNDERGROUND STRUCTURES.

**TOTALS**  
FIBER THIS SHEET: \_\_\_\_\_

FIBER THIS SHEET: 110'  
FIBER CUMULATIVE: 5577'  
STATIONING 19+56-23+06  
CONDUIT 110 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	110' E
BURIED CABLE MARKER	1
HANDHOLE	1
PE-30HD HANDHOLE	0

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



**WAVEMEDIA  
TELECOM, LLC.**

EMERGENCY# 1-713-895-0002

SCINCO RANCH CROWN CASTLE WEST (11)  
CONSTRUCTION DRAINING

PRIVATE UTILITY LINES SHOWN  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
EASEMENTS CALL THE LONG STAR NOTIFICATION 713-223-4997.

Approved only for crossing underground ductlines, unless otherwise noted.  
Valid at time of review only.

Date:	Signature valid for one year.	DATE	CenterPoint Energy / Gas Facilities (For service lines are not shown)

**NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY**

FORT BEND COUNTY  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE: 6/16/14

**DRAWING SCALE:**

MOZ:	1" = 20'
YEST:	1" = 02'

928

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.

TOTALS \_\_\_\_\_  
FIBER THIS SHEET: \_\_\_\_\_ OF \_\_\_\_\_

FIBER THIS SHEET: 0

FIBER CUMULATIVE: 5577'

CONDUIT 0 LF

CONDUIT 0 LF

MATERIAL	LIST	QUANTITY
----------	------	----------

2 - 1.25" HDPE	0' EA
----------------	-------

HANDHOLE	0
----------	---

PE-30HD HANDHOLE 0


IEO LLC

**Houston, Texas**

77005  
281-536-5123 OFFICE

713-668-6334 FAX  
teo@c@a mail.com

FIRM # F-8978



ICITX  
WAVE MEDIA™

**WAVEMEDIA  
TELECOM, LLC.**

EMERGENCY# 1-713-895-0002

**CINCO RANCH CROWN CASTLE WEST (1)**

## CONSTRUCTION DRAWING

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

100

**CenterPoint Energy/Electric Facilities**  
(assumed only for ammonia industrial facilities unless otherwise noted)

Years of time of review only.

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

**Date:** \_\_\_\_\_

(USE SERVICES WITH AN EOC STUDENT)

**AFTER DATE OF SIGNATURES**

FORT BEND COUNTY

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

---

DATE 9/18/14

1" x 20'

$\Gamma = 0.2$

11

1028



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 POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

**TOTALS**  
FIBER THIS SHEET: 58

FIBER CUMULATIVE: 55  
STATIONING 33+06--END

[illegible]

HANDHOLE	1
PE-30HD HANDHOLE	1

FIRM # F-8978



**WAVEMEDIA  
TELECOM, LLC.**

EMERGENCY# 1-713-895-0002

**CINCO RANCH CROWN CASTLE WEST (1)  
CONSTRUCTION DRAWING**

**PRIVATE UTILITY LINES SHOWN**  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
EASEMENTS CALL THE LONE STAR NOTIFICATION 713-223-4587.

**CenterPoint Energy/Beacore Facilities**  
(Approved only for creating underground facilities, unless otherwise noted.)  
(Issued at time of review only.)

**Date:**

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

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

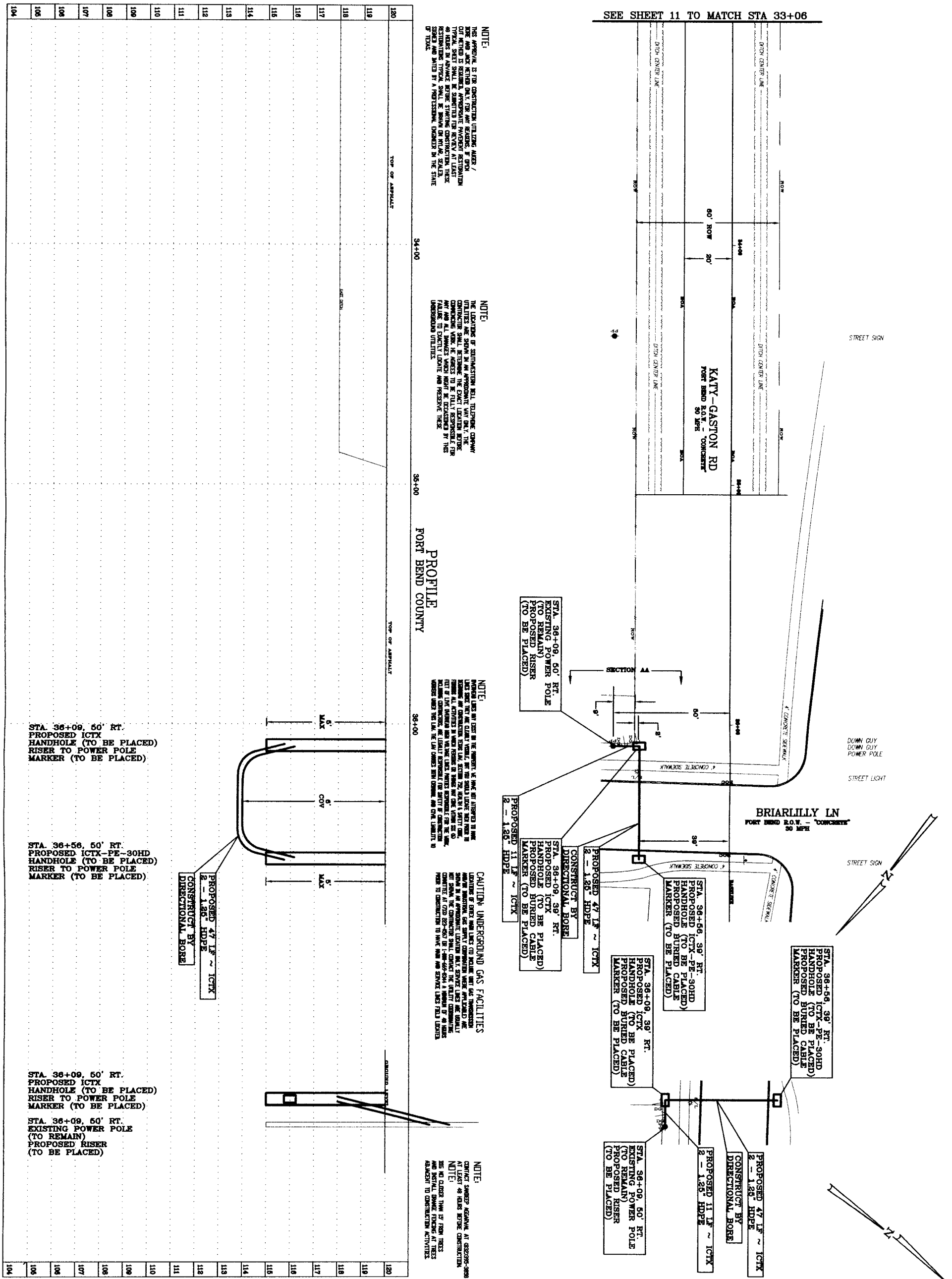
NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY  
AFTER DATE OF SIGNATURES

FORT BEND COUNTY  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

**DRAWING SCALE:**

VERT: 1" = 02'

SHEET  
No: 12 of 28



**NOTE:** THIS APPROVAL IS FOR CONSTRUCTION UTILIZING AIDS / AIDS AND AIDS CERTAINLY NOT, FOR ANY REASONS IF OTHER COUNTRIES IS REQUIRED, APPROPRIATE PAYMENT ESTIMATION. TYPICAL SITES SHALL BE SUBMITTED FOR REVIEW AT LEAST 30 DAYS IN ADVANCE BEFORE CONSTRUCTION THESE SITES ARE TO BE CONSTRUCTED. THE SITES SHALL BE STORED AND MAINTAINED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS.

**NOTE:** THE LOCATION OF CONSTRUCTION SHALL BE DETERMINED BY UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE CONSTRUCTION WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.

## CAUTION UNDERGROUND GAS FACILITIES

**NOTE:**  
CONTACT SANDEP KARNIVAL AT (882)355-3888  
AT LEAST 48 HOURS BEFORE CONSTRUCTION  
NOTE:  
DO NOT CLOSER THAN 15' FROM TREES  
AND DISTAL DANCE FEEDING AT TREES  
ADJACENT TO CONSTRUCTION ACTIVITIES.

**FORREST GUNTER, JR. D.D., LL.D. DECEASED 1910**

AND ISLAND WORK PERFORMED AT THESE  
ADJUNCT TO CONSTRUCTION ACTIVITIES.

**FORREST GUNTER, JR. D.D., LL.D. DECEASED 1910**

AND ISLAND WORK PERFORMED AT THESE  
ADJUNCT TO CONSTRUCTION ACTIVITIES.



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 800-368-5877 AT LEAST 48 HOURS BEFORE ANY EXCAVATIONS.
  3. CONTRACTORS RESPONSIBLE FOR POtholing, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TOTALS	
FIBER THIS SHEET:	315'
FIBER CUMULATIVE:	5577'
STATIONING	0+00-4+12
CONDUIT	315 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	315' EA
BURIED CABLE MARKER	1
BOREBIT	1
PE-30HD HANDHOLE	0

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



**WAVEMEDIA**  
**TELECOM, LLC.**

EMERGENCY # 1-713-895-0002

**ONCO RANCH CROWN CASTLE WEST (1)**  
**CONSTRUCTION DRAWING**

**PRIVATE UTILITY LINES SHOWN**  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET P.O.V. OR  
EXPOSURE CALL THE LONG STATE INFORMATION 713-223-4627.

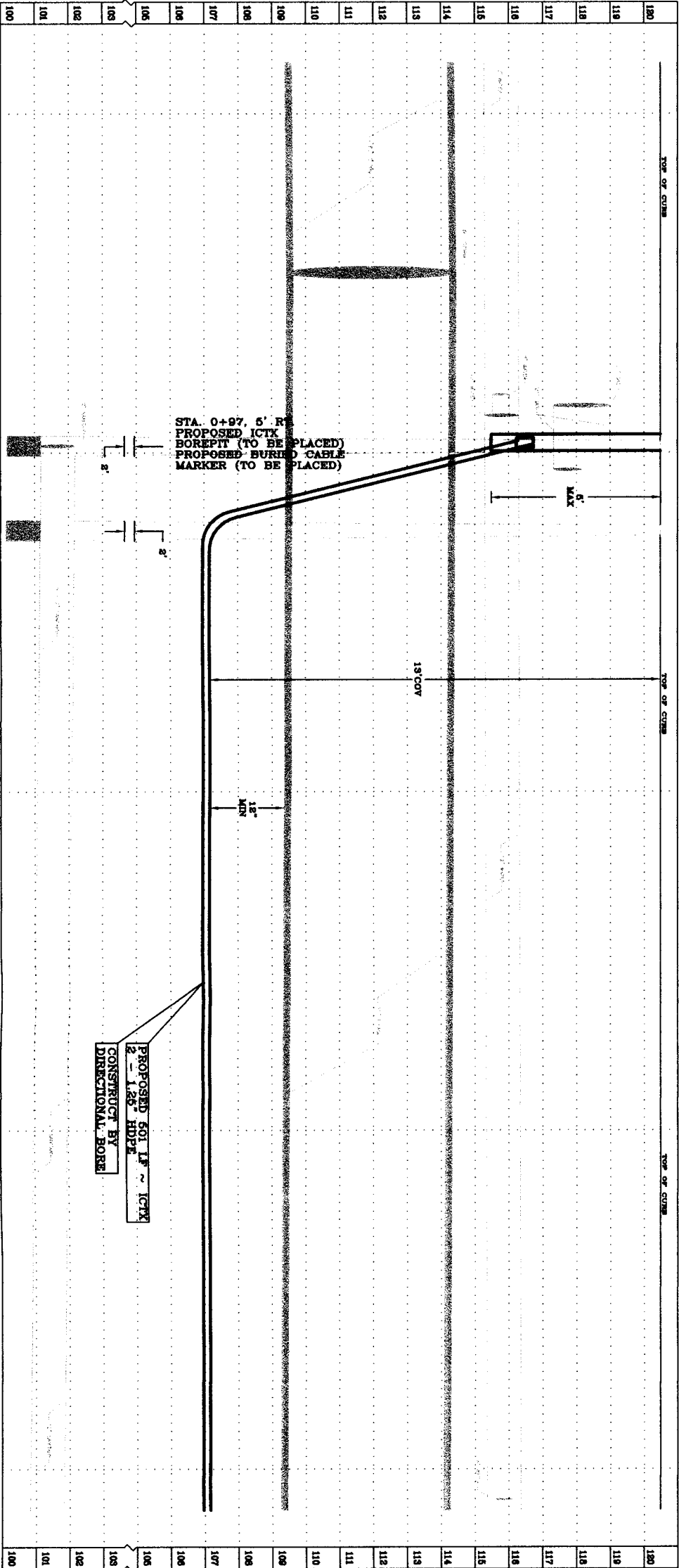
Contracted Survey / Drafting (Scale shown and as per notes)	Date:
Contracted Engineering / Construction (Scale shown and as per notes)	Date:
Client Approved for underground conduit facilities only.	Date:
Signature: _____	Date: _____

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

**FORT BEND COUNTY**  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE	6/16/14
DRAWING SCALE	
HORIZ:	1" = 20'
VERT:	1" = 02'

SHEET NO. **1428**



- NOTE: CONTACT SHOWN AS NEARLY AS POSSIBLE AT 0+00-0+00 AT LEAST 48 HOURS BEFORE CONSTRUCTION.
- NOTE: NO NEW CLOSURE THAN 24 HOURS FROM THE TIME THE CONTRACTOR SHALL BE ADVISED TO BE FULLY RESPONSIBLE FOR THE FAILURE TO EXISTING UTILITIES.
- NOTE: THIS APPROVAL IS FOR CONSTRUCTION UTILITIES ONLY. NO NEW CLOSURE THAN 24 HOURS FROM THE TIME THE CONTRACTOR SHALL BE ADVISED TO BE FULLY RESPONSIBLE FOR THE FAILURE TO EXISTING UTILITIES.
- NOTE: THE LOCATION OF CONSTRUCTION SHALL, TELEPHONE COMPANY UTILITIES AND SIGNALS IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION BEFORE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FAILURE TO EXISTING UTILITIES.
- NOTE: UNDERGROUND UTILITIES.
- NOTE: UNDERGROUND SERVICE ALERT AT 800-368-5877 AT LEAST 48 HOURS BEFORE ANY EXCAVATIONS.
- NOTE: CONTRACTORS RESPONSIBLE FOR POtholing, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

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

JOB NUMBER: J1301186

TOTALS

FIBER THIS SHEET: 657'  
FIBER CUMULATIVE: 5577'  
STATIONING: 4+12-8+73  
CONDUIT: 657 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	657' EA
BURIED CABLE MARKER	4
BOREPIT/HANDHOLE	2/1
PE-30HD HANDHOLE	1

**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

**ONCO RANCH CROWN CASTLE WEST (1)**  
**CONSTRUCTION DRAWING**

PRIVATE UTILITY LINES SHOWN  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
PASSENGERS CALL THE LINE STAY NOTIFICATION 215-223-4967.

Contracted Survey/Topographic Facilities  
(Approved only for existing underground facilities, unless otherwise noted.)  
Valid at time of review only.  
Date: \_\_\_\_\_  
Signature valid for one year.  
Date: \_\_\_\_\_

Contracted Survey / Civil Facilities  
(Not valid for new work)  
Date: \_\_\_\_\_

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

**FORT BEND COUNTY**  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

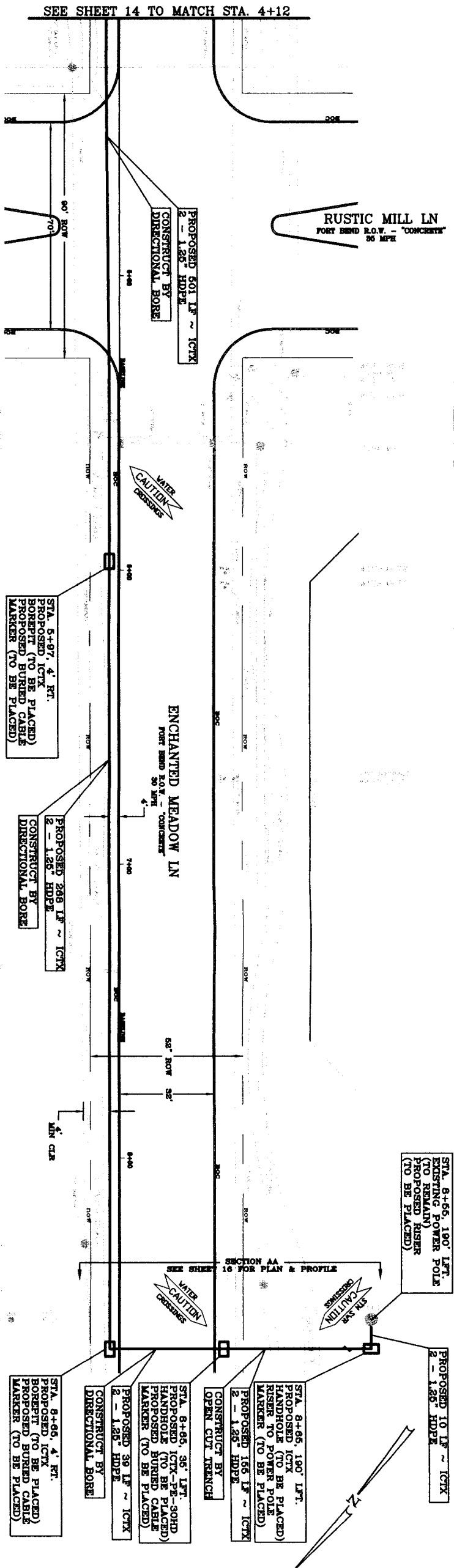
DATE: 6/16/14

DRAWING SCALE:

HORIZ: 1" = 20'

VERT: 1" = 02'

SHEET NO. 15 OF 28



NOTE:  
CONTACT SURVEY AGENCY, AT 082005-2005  
AT LEAST 48 HOURS BEFORE CONSTRUCTION.  
NOTE:  
NO WORK SHALL BE PERFORMED WITHIN THE  
RIGHT-OF-WAY OF ANY EXISTING OR PROPOSED  
ROAD OR RAILROAD WITHOUT THE NECESSARY  
PERMITS AND APPROVALS FROM THE  
APPROPRIATE AGENCIES.

NOTE:  
THE LOCATION OF SUBSTATION EQUIPMENT, CABLE  
UTILITIES ARE SHOWN IN AN APPROPRIATE WAY ONLY. THE  
CONTRACTOR SHALL BE RESPONSIBLE FOR THE  
CORRECTION OF ANY ERRORS IN THE LOCATION OF  
THESE UTILITIES. THE CONTRACTOR SHALL BE  
RESPONSIBLE FOR THE PROTECTION OF ALL  
UTILITIES. THE CONTRACTOR SHALL BE  
RESPONSIBLE FOR THE PROTECTION OF ALL  
UTILITIES. THE CONTRACTOR SHALL BE  
RESPONSIBLE FOR THE PROTECTION OF ALL  
UTILITIES.

**PROFILE**  
FORT BEND COUNTY

NOTE:  
THIS DRAWING IS THE PROPERTY OF THE STATE OF TEXAS  
AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY  
FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL,  
INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY  
INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT  
THE WRITTEN PERMISSION OF THE STATE OF TEXAS.  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE  
PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL  
BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.  
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NOTE:  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE  
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THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE  
PROTECTION OF ALL UTILITIES.

CAUTION: UNDERGROUND GAS FACILITIES  
LOCATED AT 8+00. THE CONTRACTOR SHALL BE  
RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.  
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PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL  
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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 1-800-368-5877 AT LEAST 48 HOURS BEFORE CONSTRUCTION.
  3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TOTALS

FIBER THIS SHEET: 296'  
FIBER CUMULATIVE: 5577'  
STATIONING 9+68-32+11  
CONDUIT 296 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	296' EA
BURIED CABLE MARKER	2
HANDHOLE	1
PE-30HD HANDHOLE	1

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

CHICO RANCH CROWN CASTLE WEST (1)  
CONSTRUCTION DRAWING

PRIVATE UTILITY LINES SHOWN  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
EASEMENTS CALL THE LOCAL STATE NOTIFICATION 713-223-4987.

Contracted Survey/Design Facilities  
(Contractor to provide equipment and materials, unless otherwise noted.)  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Title: \_\_\_\_\_

Contracted Survey/Design Facilities  
(Contractor to provide equipment and materials, unless otherwise noted.)  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Title: \_\_\_\_\_

Contracted Survey/Design Facilities  
(Contractor to provide equipment and materials, unless otherwise noted.)  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Title: \_\_\_\_\_

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

FORT BEND COUNTY  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

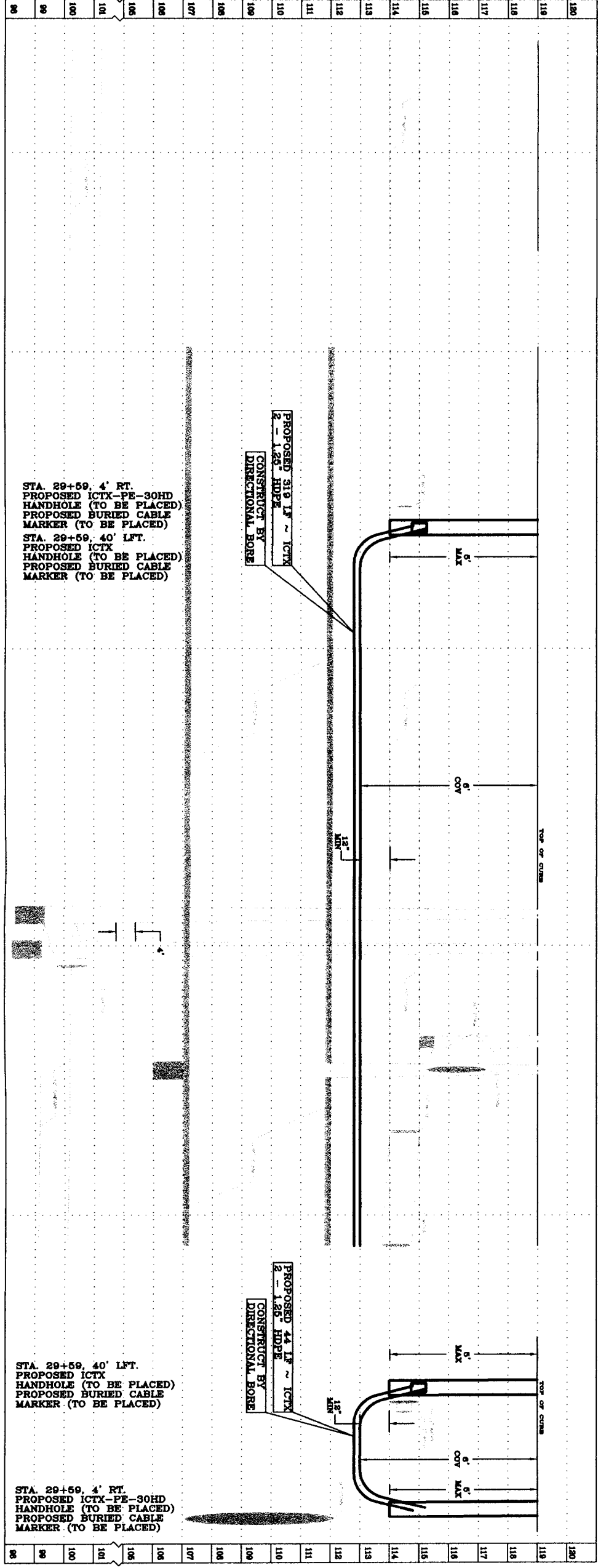
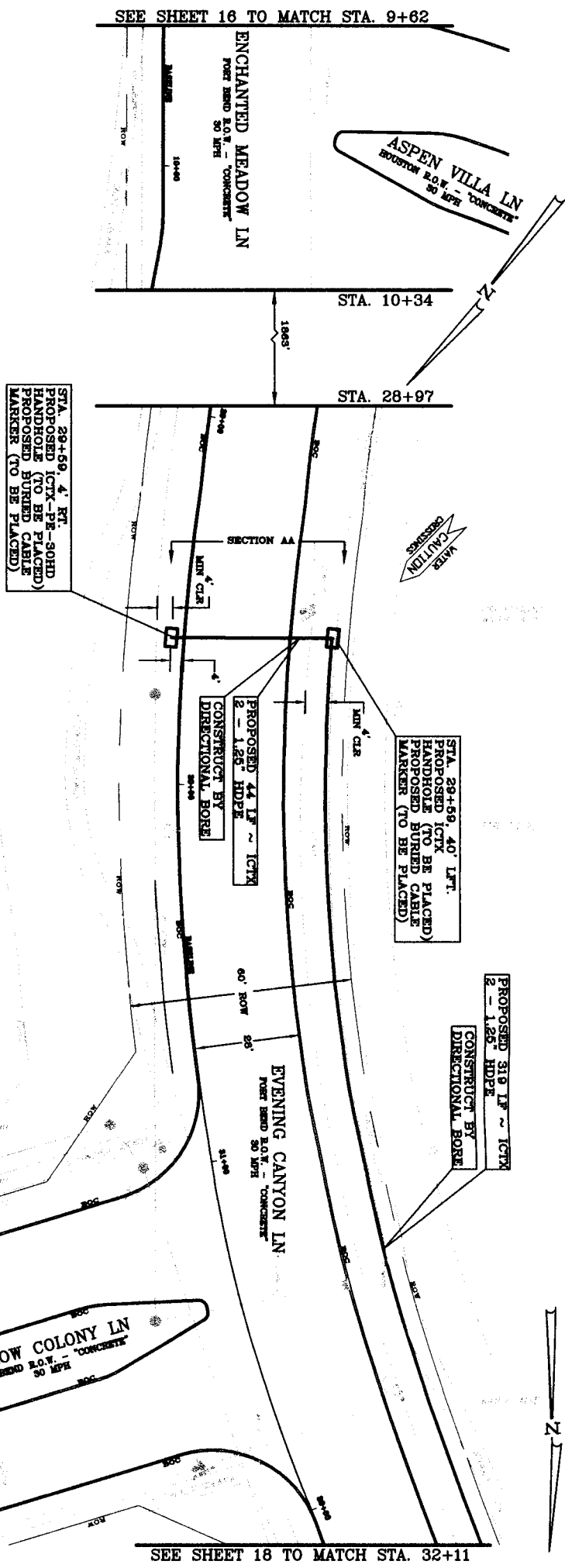
DATE: 6/16/14

DRAWING SCALE:

HORIZ: 1" = 20'

VERT: 1" = 02'

SHEET NO. 17 of 28



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 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
  3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TOTALS

FIBER THIS SHEET: 463'

FIBER CUMULATIVE: 5577'

STATIONING 32+11-36+74

CONDUIT 463 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	463' EA
BURIED CABLE MARKER	1
BOREPIIT	1
PE-30HD HANDHOLE	0

TEO.LLC

5510 Community Drive

Houston, Texas

77065

281-536-5123 OFFICE

713-668-6334 FAX

teo.lc@gmail.com

FIRM # F-8978



WAVEMEDIA

TELECOM, LLC.

EMERGENCY # 1-713-895-0002

CANCO RANCH CROWN CASTLE WEST (1)

CONSTRUCTION DRAWING

PRIVATE UTILITY LINES SHOWN

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

EXPOSURE CALL THE LINE STAFF NOTIFICATION 713-223-4597

Contracted Energy/Trade Facilities

(Approved only for existing underground facilities, unless otherwise noted.)

Valid at time of release only.

Date:

After Approval for underground facilities only.

Signature:

Date:

Contracted Energy / Gas Facilities

(New service lines are not shown.)

Signature:

Date:

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY

AFTER DATE OF SIGNATURES

FORT BEND COUNTY

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE: 6/16/14

DRAWING SCALE:

HORIZ: 1" = 20'

VERT: 1" = 02'

SHEET NO. 18 of 28

NOTE:

THE APPROVAL OF THE CONSTRUCTION UTILITIES AGENCY /

THE CITY OF FORT BEND COUNTY, TEXAS, IS NOT A GUARANTEE OF THE

ACCURACY OF THE INFORMATION SHOWN ON THIS DRAWING. THE

CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND

DEPTHS OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CITY OF FORT BEND

COUNTY, TEXAS, SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR

INTERFERENCE WITH ANY UTILITIES OR STRUCTURES CAUSED BY THE

CONSTRUCTION OF THIS PROJECT.

NOTE:

THE LOCATION OF SUBSTATION RELAY TRANSFORMER COMPANY

UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE

CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION AND

DEPTHS OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CITY OF FORT BEND

COUNTY, TEXAS, SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR

INTERFERENCE WITH ANY UTILITIES OR STRUCTURES CAUSED BY THE

CONSTRUCTION OF THIS PROJECT.

NOTE:

UNDERGROUND UTILITIES

53+00

54+00

55+00

56+00

57+00

PROFILE

FORT BEND COUNTY

CAUTION UNDERGROUND GAS FACILITIES

LOCATIONS OF EXISTING GAS LINES ON THIS DRAWING ARE FOR INFORMATION

ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND

DEPTHS OF ALL GAS LINES PRIOR TO CONSTRUCTION. THE CITY OF FORT BEND

COUNTY, TEXAS, SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR

INTERFERENCE WITH ANY GAS LINES CAUSED BY THE CONSTRUCTION OF THIS

PROJECT.

NOTE:

CONTACT THE GAS COMPANY AT 281-536-5088

AT LEAST 48 HOURS BEFORE CONSTRUCTION.

NOTE:

NO EXISTING GAS LINES SHOWN ON THIS DRAWING.

NOTE:

NO EXISTING GAS LINES SHOWN ON THIS DRAWING.

MAJOR TO CONSTRUCTION ACTIVITIES.

NOTE:

UNDERGROUND LINES ARE SHOWN IN THE DRAWING. THE CONTRACTOR SHALL BE

RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTHS OF ALL UTILITIES

PRIOR TO CONSTRUCTION. THE CITY OF FORT BEND COUNTY, TEXAS, SHALL

NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR INTERFERENCE WITH ANY

UTILITIES OR STRUCTURES CAUSED BY THE CONSTRUCTION OF THIS PROJECT.

NOTE:

THE LOCATION OF SUBSTATION RELAY TRANSFORMER COMPANY

UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE

CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION AND

DEPTHS OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CITY OF FORT BEND

COUNTY, TEXAS, SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR

INTERFERENCE WITH ANY UTILITIES OR STRUCTURES CAUSED BY THE

CONSTRUCTION OF THIS PROJECT.

NOTE:

UNDERGROUND UTILITIES

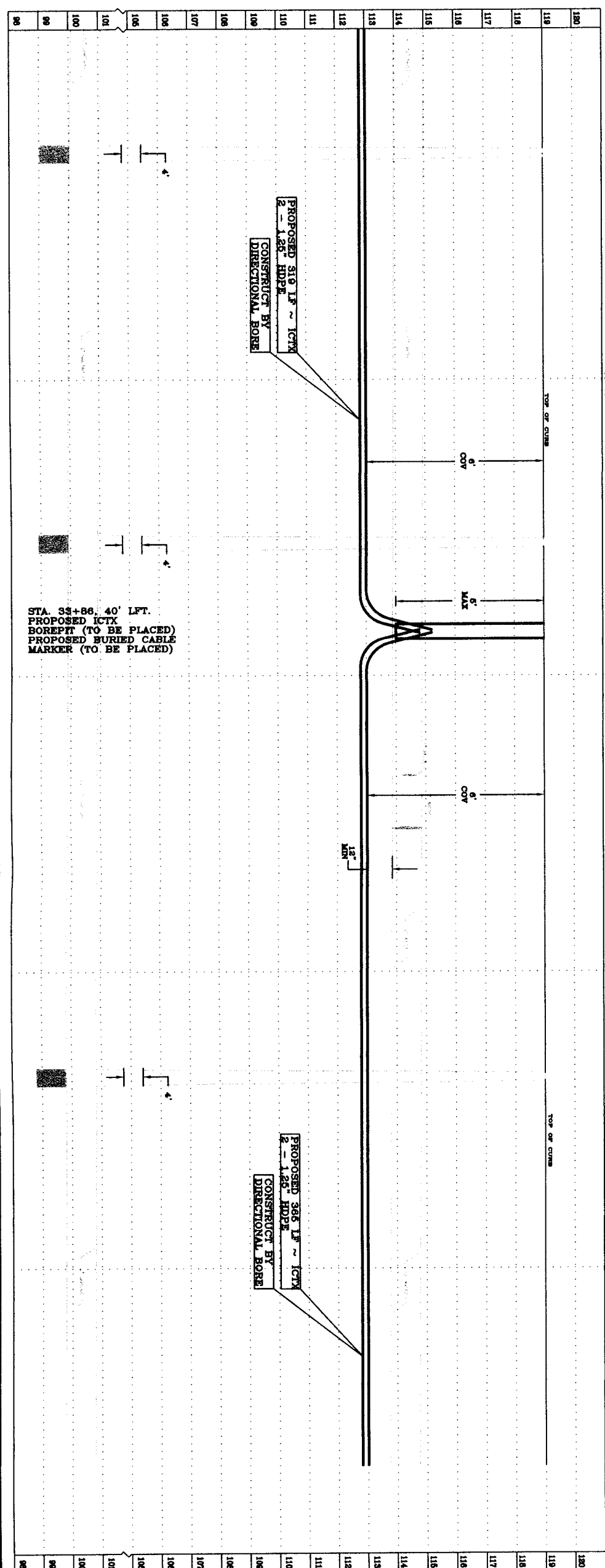
53+00

54+00

55+00

56+00

57+00



STA. 33+86, 40' LFT.  
PROPOSED ICTX  
BOREPIIT (TO BE PLACED)  
PROPOSED BURIED CABLE  
MARKER (TO BE PLACED)

PROPOSED 319 LF ~ ICTX  
2 - 1.25" HDPE  
CONSTRUCT BY  
DIRECTIONAL BORE

PROPOSED 386 LF ~ ICTX  
2 - 1.25" HDPE  
CONSTRUCT BY  
DIRECTIONAL BORE

DATE: 6/16/14

DRAWING SCALE:

HORIZ: 1" = 20'

VERT: 1" = 02'

SHEET NO. 18 of 28

1. GENERAL NOTES: 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 1-800-444-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

TOTALS  
FIBER THIS SHEET: 330'  
FIBER CUMULATIVE: 5577'  
STATIONING 36+74--40+04  
CONDUIT 330 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	330' EA
BURIED CABLE MARKER	1
BOREPIIT	1
PE-30HD HANDHOLE	0

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



EMERGENCY# 1-713-895-0002

# CONSTRUCTION DRAWING

ITS CALL THE LONE STAR NOTIFICATION 713-

only for crossing underground ducts, unless otherwise noted.)  
 of review only.

used for underground conduit facilities only.  
valid for one year.

Energy / Gas Facilities  
(three are not shown)

### **LIST OF SIGNATURES**

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

MOZ:	1" = 20'
VERT:	1" = 02'

1928

1. GENERAL NOTES: 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 1-800-444-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

TOTALS  
FIBER THIS SHEET: 330'  
FIBER CUMULATIVE: 5577'  
STATIONING 36+74--40+04  
CONDUIT 330 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	330' EA
BURIED CABLE MARKER	1
BOREPIIT	1
PE-30HD HANDHOLE	0

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



EMERGENCY# 1-713-895-0002

# CONSTRUCTION DRAWING

ITS CALL THE LONE STAR NOTIFICATION 713-

only for crossing underground ducts, unless otherwise noted.)  
 of review only.

used for underground conduit facilities only.  
valid for one year.

Energy / Gas Facilities  
(three are not shown)

### **LIST OF SIGNATURES**

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

MOZ:	1" = 20'
VERT:	1" = 02'

1928

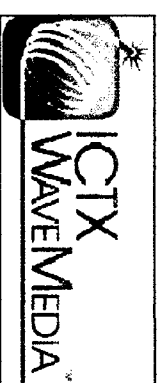
**GENERAL NOTES:**

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 LOCATED, PROTECT, AND REPAIR IF DAMAGED.
2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-3377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POPTHOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

TOTALS	411'
FIBER THIS SHEET:	5577'
FIBER CUMULATIVE:	40+04--44+15
STATIONING	411 LF
CONDUIT	

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	411' EA
BURIED CABLE MARKER	1
BOREPIIT	1
PE-30HD HANDHOLE	0

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



EMERGENCY# 1-713-895-0002

**PRIVATE UTILITY LINES SHOWN  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
EASEMENTS CALL THE ONE STAR NOTIFICATION 713-223-4867.**

**PRIVATE UTILITY LINES SHOWN  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
EASEMENTS CALL THE ONE STAR NOTIFICATION 713-223-4867.**

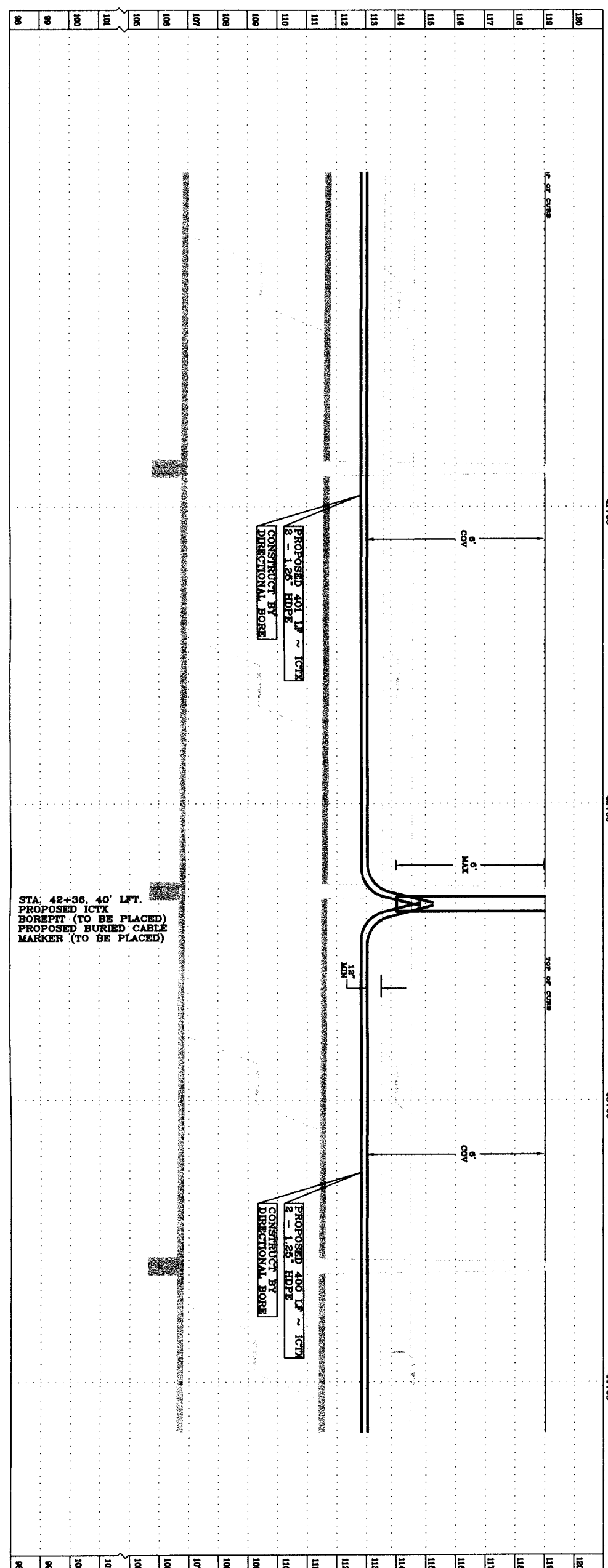
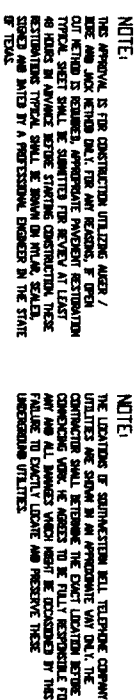
AT&T approved for underground conduit facilities only.  
Signatures valid for one year.

Date: \_\_\_\_\_

**FORT BEND COUNTY**  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE	6/6/14
DRAWING SCALE	
HORIZ	1" = 20'
VERT	1" = 02'

SHEET  
No. 20 of 28





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 1-800-344-8377 AT LEAST 48 HOURS BEFORE EXCAVATIONS.
  3. CONTRACTOR RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TOTALS

FIBER THIS SHEET: 171'  
FIBER CUMULATIVE: 5577'  
STATIONING 48+76-52+07  
CONDUIT 171 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	171' EA
BURIED CABLE MARKER	1
HANDHOLE	1
PE-30HD HANDHOLE	1

TEO, LLC

5510 Community Drive  
Houston, Texas 77005  
281-536-6123 OFFICE  
713-688-6334 FAX  
teo@teo.com  
FIRM # F-8978



WAVEMEDIA  
TELECOM, LLC.

EMERGENCY# 1-713-895-0002

CANCO RANCH CROWN CASTLE WEST (1)  
CONSTRUCTION DRAWING

PRIVATE UTILITY LINES SHOWN  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
EXPOSURE ONLY. THE LINE SHALL INDICATE 1/16-23-4897.

Contractor Design/Detailing  
Not to be used for construction without approval of the City of Fort Bend.

After Approval for underground conduit facilities only.  
Approved for use only for the project.

Contractor Design / Detailing  
(See notes and see the notes)

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

FORT BEND COUNTY  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

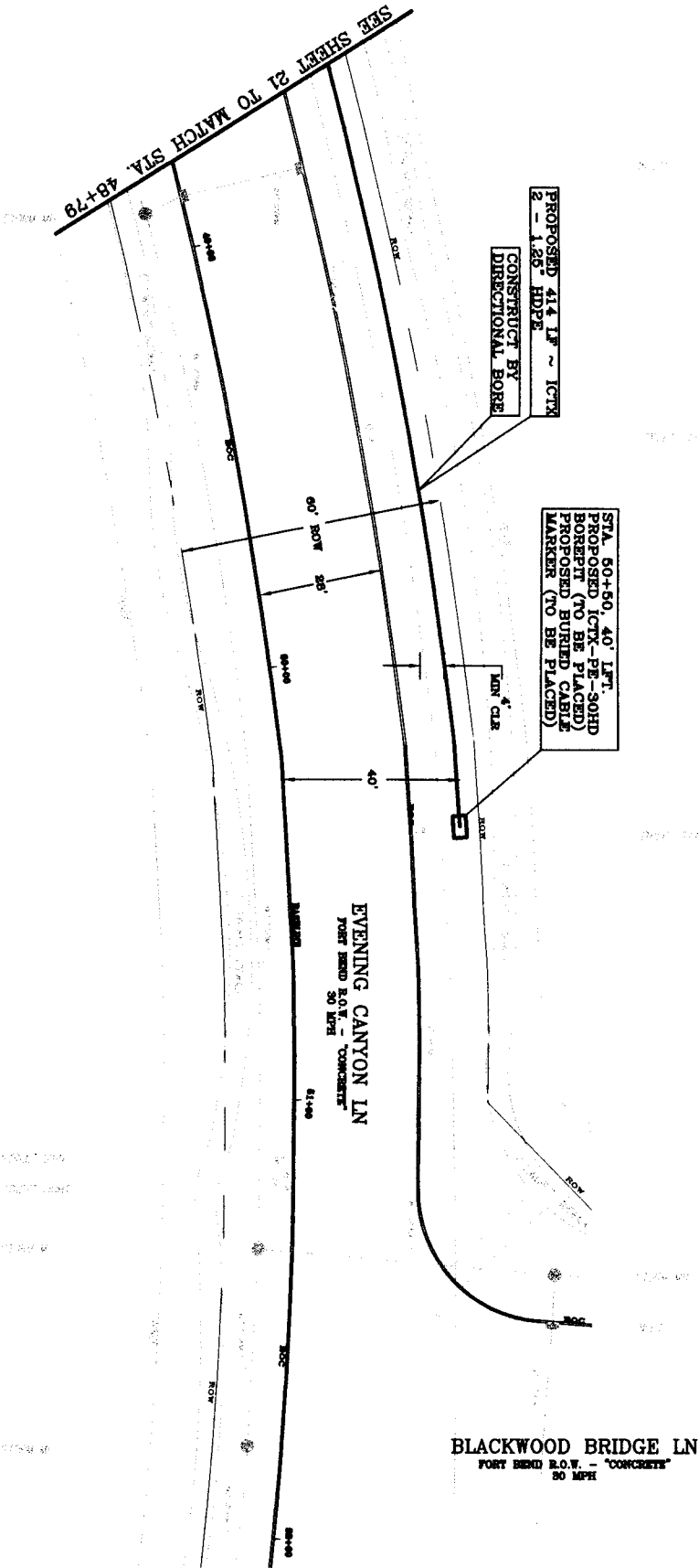
DATE: 6/16/14

DRAWING SCALE:

HORIZ: 1" = 20'

VERT: 1" = 02'

SHEET NO. 22 of 28



NOTE:

THIS DRAWING IS FOR CONSTRUCTION UTILITIES AND NOT FOR ANY OTHER PURPOSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES.

NOTE:

THE LOCATION OF CONSTRUCTION UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES.

NOTE:

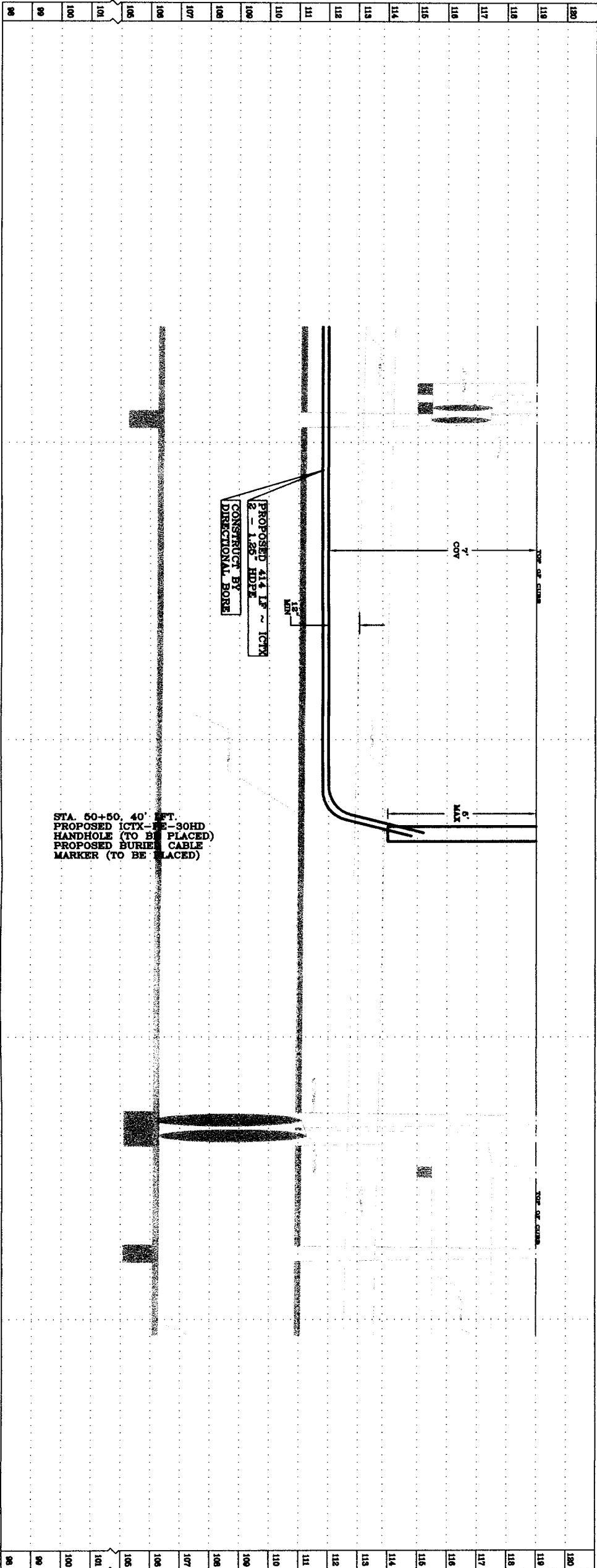
THE LOCATION OF CONSTRUCTION UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES.

CAUTION: UNDERGROUND GAS FACILITIES

LOCATIONS OF UNDERGROUND GAS FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES.

NOTE:

CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES.



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. ALL UNDERGROUND SERVICE ALERT AT 1-800-4-A-SAFE AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
  3. CONTRACTORS RESPONSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TOTALS

FIBER THIS SHEET: 292'  
FIBER CUMULATIVE: 5577'  
STATIONING 0+00-END  
CONDUIT 292 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	292' EA
BURIED CABLE MARKER	2
PE-30HD HANDHOLE	1

**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# 1-713-695-0002

**CHICO RANCH CROWN CASTLE WEST (1)**  
**CONSTRUCTION DRAWING**

**PRIVATE UTILITY LINES SHOWN**  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
EASEMENTS CALL THE ONE STOP NOTIFICATION 713-223-4987.

Contracted Survey/Grade Establisher  
(Not to be used for any other purpose)  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Title: \_\_\_\_\_

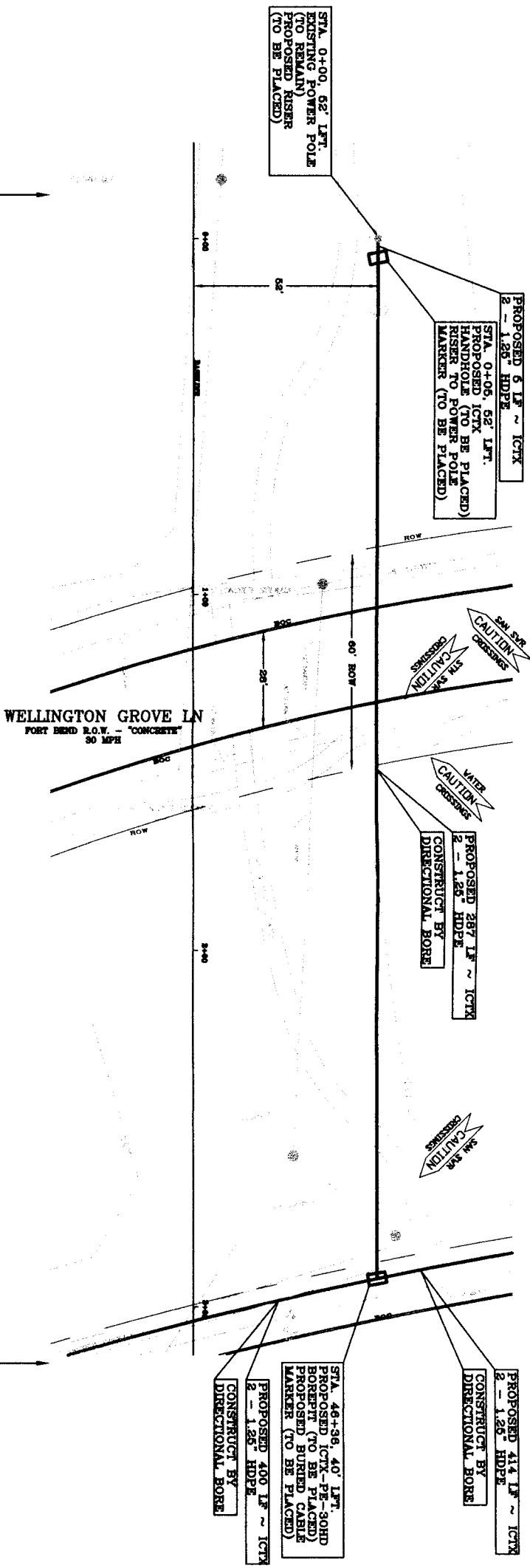
Contracted Survey/Grade Establisher  
(Not to be used for any other purpose)  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Title: \_\_\_\_\_

Contracted Survey/Grade Establisher  
(Not to be used for any other purpose)  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Title: \_\_\_\_\_

**FORT BEND COUNTY**  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DATE	6/16/14
DRAWING SCALE	
HORIZ.	1" = 20'
VERT.	1" = 02'

SHEET NO. 23 OF 28



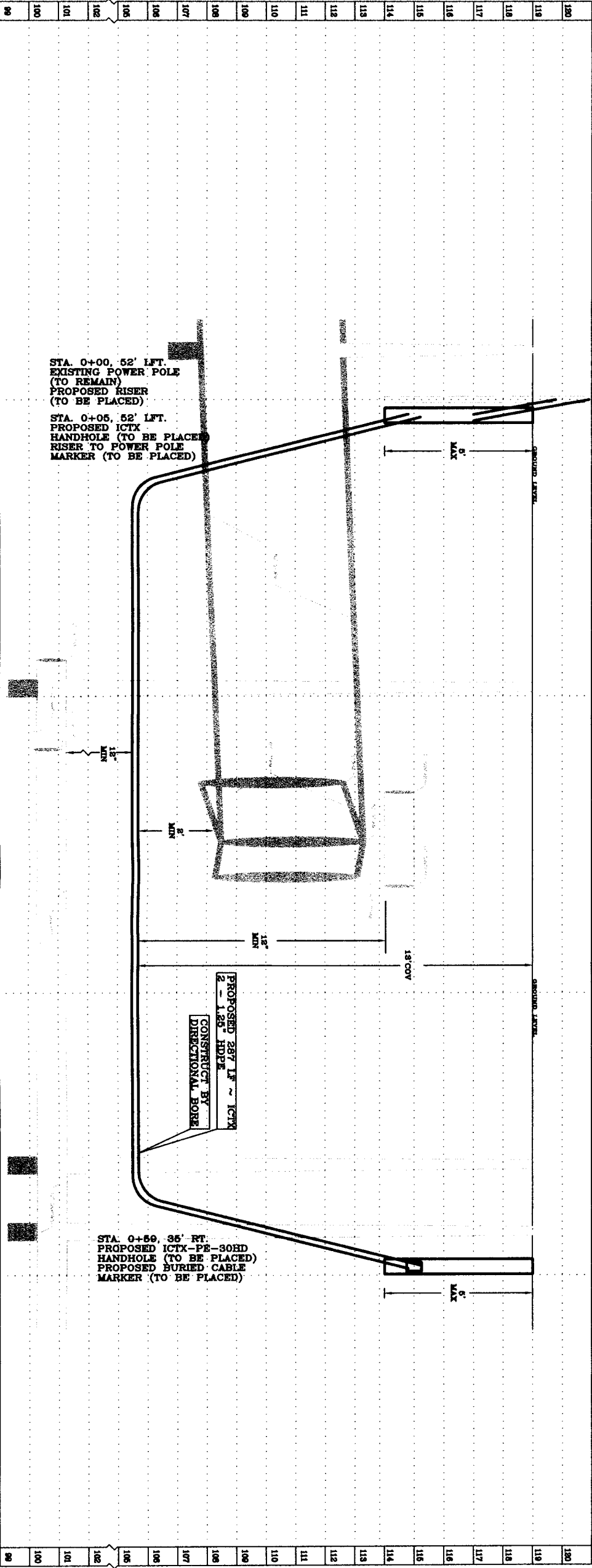
NOTE:  
THE LOCATION OF CONSTRUCTION UTILITIES SHOWN / HEREON IS FOR INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES.

SEE SHEET 21 FOR PARTIAL PLAN VIEW  
**PROFILE**  
**FORT BEND COUNTY**

NOTE:  
THE LOCATION OF CONSTRUCTION UTILITIES SHOWN / HEREON IS FOR INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES.

CAUTION: UNDERGROUND GAS FACILITIES  
LOCATION OF EXISTING GAS LINES TO BE MAINTAINED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING GAS LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING GAS LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING GAS LINES.

NOTE:  
THE LOCATION OF CONSTRUCTION UTILITIES SHOWN / HEREON IS FOR INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES.

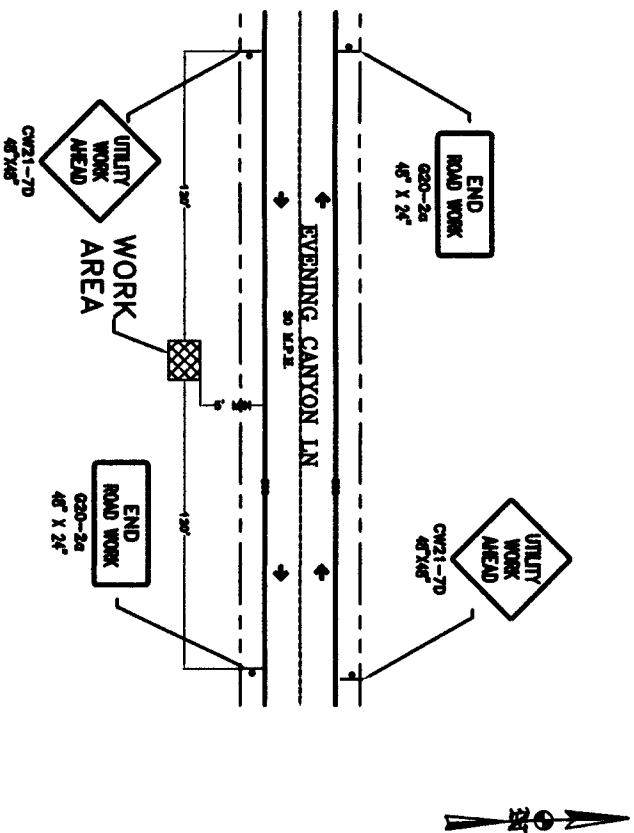
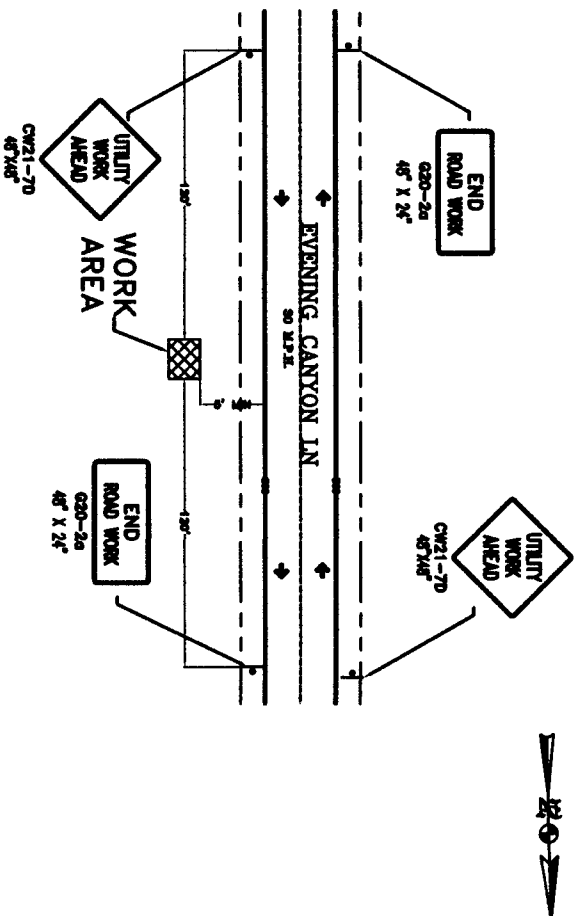


WARNING SIGNS ALONG MINOR RD.

WARNING SIGNS ALONG MINOR RD.

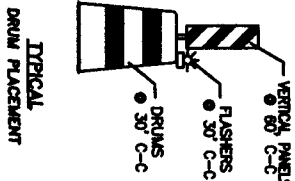
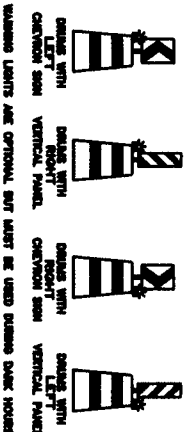
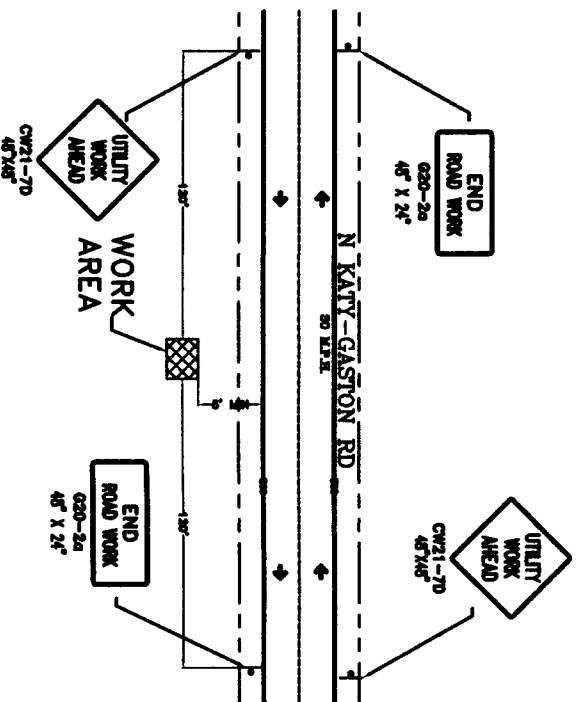
APPLY TO STATIONS 28+97 - 38+00 (ALONG EVENING CANYON LN-NORTHBOUND)

APPLY TO STATIONS 38+00 - END (ALONG EVENING CANYON LN-WESTBOUND)



WARNING SIGNS ALONG MINOR RD.

APPLY TO STATIONS 0+00 - END (ALONG N KATY GASTON RD.-NORTHBOUND)



CITY OF HOUSTON  
TRAFFIC ENGINEERING DESIGN REVIEW SECTION  
SPACING FOR CHANNELIZING DEVICES

- A - PLASTIC DRAINS ON MEDIAN TAPER AT 30' C-C WITH CHEVRON SIGNS AT 60' C-C AND TYPE 'C' WARNING LIGHT (FOR OVERNIGHT CLOSING).
- B - PLASTIC DRAINS ON DOWNSIDE TAPER AT 30' C-C.
- C - PLASTIC DRAINS ON RISE AT 5' C-C.
- D - PLASTIC DRAINS ON TANGENT @ 30' C-C WITH VERTICAL PANEL AT 70' C-C AND TYPE 'C' WARNING LIGHT (FOR OVERNIGHT CLOSING).
- E - PLASTIC DRAINS IN FRONT OF CONSTRUCTION ZONE AT 20' C-C WITH VERTICAL PANEL AT 40' C-C AND TYPE 'A' WARNING LIGHT (FOR OVERNIGHT CLOSING).
- F - CONCRETE TRAFFIC BARRIER (C.T.B.) OR LOW PROFILE CONCRETE TRAFFIC BARRIER (L.P.C.T.B.) WITH REFLECTORS AT 10' C-C. IF PAVEMENT DROP IS MORE THAN TWELVE INCHES (12") OR 6' PLASTIC DRAIN WITH GUARD RAIL MOUNTED.
- G - PLASTIC DRAIN WITH GUARD RAIL MOUNTED.
- H - 20" TUBULAR WARRIERS AT 30' C-C.
- I - 4-LANE TO 2-LANE UNIDIRECTIONAL SECTIONS AT 20' C-C.
- J - 4-LANE DIVIDED HIGHWAY TO ONE SIDE TWO-WAY ROAD AT 20' C-C.
- K - LEFT LANE, RIGHT LANE STORAGE BAYS AT 15' C-C.

NOTES:  
SPACINGS SHOWN ON TRAFFIC CONTROL PLANS SHALL SUPERSEDE THE ABOVE SPACINGS. SPACINGS MAY BE ADJUSTED TO MEET DRIVEWAYS AND/OR MEDIAN OPENINGS.

CITY OF HOUSTON  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
TRAFFIC NOTES

- CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE TEXAS MANUAL ON URBAN TRAFFIC CONTROL DEVICES (TEXAS M.U.T.C.D., MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION.
- LANE CLOSURE PERMITS ARE TO BE OBTAINED (SEE NOTE 7).
  - a) NO LANES SHALL BE CLOSED DURING THE HOURS OF 5:30 AM TO 7:00 PM MONDAY THRU FRIDAY IN DOWNTOWN/AUTOWAY AREA. NO LANES SHALL BE CLOSED DURING THE HOURS OF 7:00 AM TO 8:00 AM AND 4:00 PM TO 6:00 PM MONDAY THRU FRIDAY ON MAJOR THOROUGHFARES.
  - b) NO LANES SHALL BE CLOSED ON RESIDENTIAL STREETS FROM 7:00 PM TO 7:00 AM.
- CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOUR AND OPEN LANES FOR NORMAL TRAFFIC FLOW.
- 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/REUSE REPRODUCIBLE INLANDS SET AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS WITH THE ENGINE APPROVED SET OF DRAWINGS TO PLAN REVIEW SECTION FOR REVIEW AND APPROVAL, TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
- APPROVED COPIES OF THE TRAFFIC CONTROL PLANS AND LANE CLOSURE PERMITS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.
- A SIGNAGE FOR SIGNAGE/LANE CLOSURE PERMITS SHALL BE USED AT LEAST TEN (10) WORKING DAYS PRIOR TO THE DATE WHEN THE CLOSURE IS BEING INITIATED. WORKING HOURS MAY BE REQUESTED OR REQUEST MAY BE DENIED. CALL 713-657-7200 FOR AN APPLICATION.
- ALL TRAFFIC CONTROL DEVICES USED AT NIGHT SHALL BE REFLECTORIZED OR ILLUMINATED.
- CONTRACTOR SHALL MAINTAIN LOCAL DRIVEWAY ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES ADJACENT TO WORK AREA AT ALL TIMES.
- CONTRACTOR SHALL NOTIFY FIRE, POLICE, METROPOLITAN TRANSIT AUTHORITY, AND SCHOOLS FIVE (5) WORKING DAYS PRIOR TO IMPLEMENTATION FOR TRAFFIC CONTROLS.

- LEGENDS:
- WORK AREA
  - ROAD/LANE CLOSED AREA
  - DRAINS WITH LEFT CHEVRON SIGN
  - DRAINS WITH RIGHT VERTICAL PANEL
  - DRAINS WITH RIGHT CHEVRON SIGN
  - DRAINS WITH LEFT VERTICAL PANEL
  - PLASTIC DRAINS
  - 20" TUBULAR WARRIERS
  - 20" TRAFFIC CONES
  - TRAFFIC CONSTRUCTION SIGNS
  - TYPE 'A' WARNING LIGHTS
  - TYPE 'C' WARNING LIGHTS
  - FLASHERS
  - FLASHING ARROW PANEL
  - DIRECTION OF TRAFFIC FLOW

JOB NUMBER: J1301186

WAVEMEDIA  
TELECOM, LLC.

TEO .LLC  
5510 Community Drive  
Houston, Texas  
77005  
281-596-5123 OFFICE  
713-668-6334 FAX  
teolc@gmail.com  
FIRM # F-8978

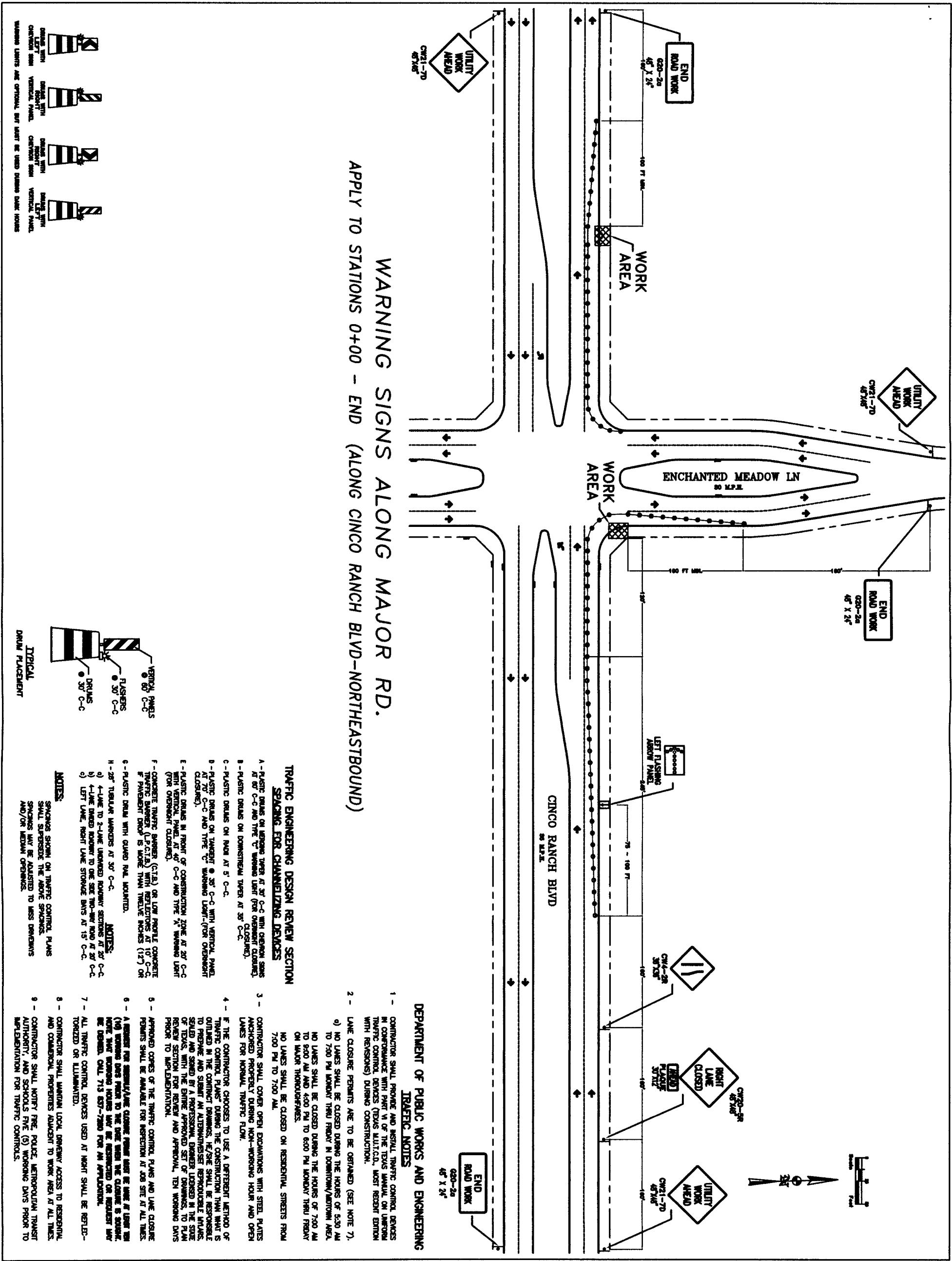


EMERGENCY 1-713-866-0002

TRAFFIC CONTROL PLAN

FORT BEND COUNTY

DATE: 06/16/14  
DRAWING SCALE: N/A  
VERT: N/A  
SHEET No: 24 of 28



**JOB NUMBER: J1301186**

**WAVEMEDIA TELECOM, LLC.**

**TEO .LLC**  
5510 Community Drive  
Houston, Texas  
77005  
281-536-5123 OFFICE  
713-668-6334 FAX  
leoic@jmail.com  
FIRM # F-9978

**ICITX WAVE MEDIA**

**EMERGENCY 1-713-885-0002**

**TRAFFIC CONTROL PLAN**

**FORT BEND COUNTY**

**DATE:** 06/16/14

**DRAWING SCALE:**

**HORIZ:** N/A

**VERT:** N/A

**SHEET No: 25 of 28**

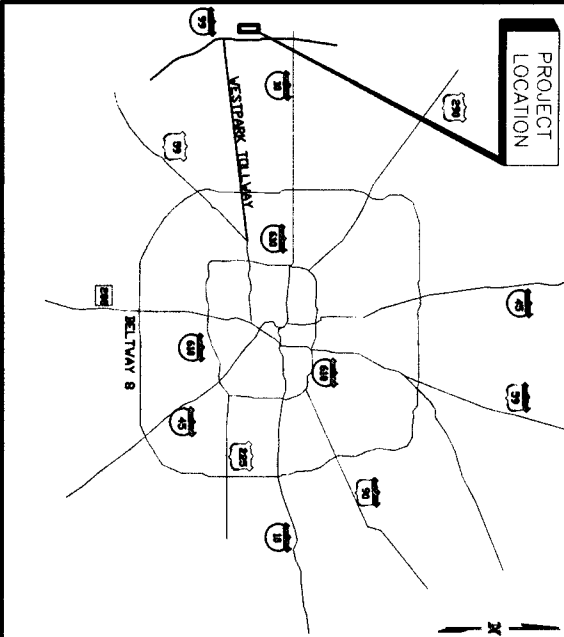






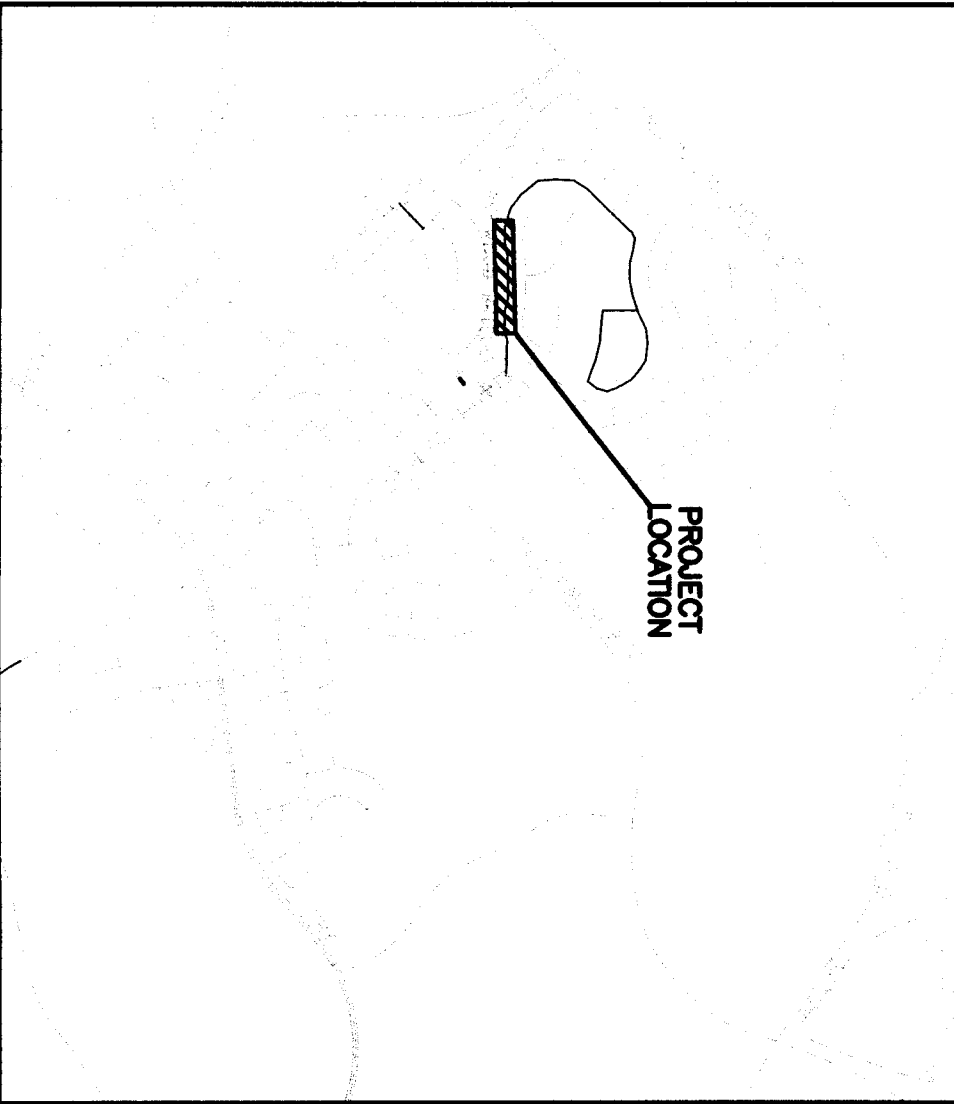


**FORT BEND COUNTY  
TEXAS**



## LOCATION MAP

# ICTX FIBER OPTIC PROJECT



VICINITY MAP

NEW BUILD

ONE-CALL NOTIFICATION SYSTEM  
CALL BEFORE YOU DIG!!!  
(713) 223-4567 (in Houston)  
(New Statewide Number Outside Houston)  
1-800-545-6005

KEY MAP#: 484Y, 484Z, 485S  
ZIP CODE: 77494

THE CONTRACTOR SHALL NOTIFY THE  
FORT BEND COUNTY ENGINEERING  
OFFICE OF THE COUNTY ENGINEER, 48HRS  
BEFORE STARTING WORK ON THIS PROJECT  
BY WRITTEN NOTICE TO:  
PERMIT ADMINISTRATOR  
FORT BEND COUNTY ENGINEERING  
301 JACKSON  
RICHMOND, TEXAS 77469

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

PROJECT SUBJECT TO STREET CUT ORDINANCE

TITLE OF DRAWING	SHT. NO.	STATION
TITLE SHEET	1	
GENERAL NOTES	2	
CONSTRUCTION DRAWING	3-4	0+00 - END
TRAFFIC CONTROL PLAN	5	
GENERAL CONSTRUCTION DETAILS	6	
HANDHOLE DETAIL	7	
RE-30HD HANDHOLE DETAIL	8	

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: CINCO RANCH CROWN CASTLE WEST (1)

JOB NUMBER: J1301186

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

**WAVEMEDIA  
TELECOM, LLC.**

FORT BEND COUNTY

SHEET NO. 1 OF 8



DISCLAIMER

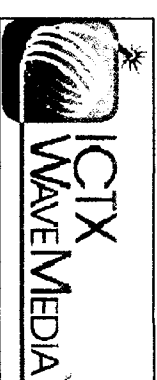
- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
  2. ALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT LEAST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

JOB NUMBER: J1301186

TOTALS	299'
FIBER THIS SHEET:	299'
FIBER CUMULATIVE:	680'
STATIONING	0+00-3+96
CONDUIT	299 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	299' EA
BURIED CABLE MARKER	1
HANDHOLE	0
PE-30HD HANDHOLE	1

**TEO, LLC**  
5510 COPPOCK DRIVE  
HOUSTON, TEXAS  
281-536-5123 OFFICE  
713-668-6334 FAX  
teo@teo.com  
FIRM # F-8978



**WAVEMEDIA**  
**TELECOM, LLC.**

EMERGENCY # 1-713-895-0002

**CMCO RANCH CROWN CASTLE WEST (1)**  
**CONSTRUCTION DRAWING**

PRIVATE UTILITY LINES SHOWN  
AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
EASEMENTS CALL THE LONG STATE NOTIFICATION 214-223-4607.

Contracted Energy/Trade Facilities  
(Approved only for existing underground facilities, unless otherwise noted.)  
Valid at time of review only.  
Date: \_\_\_\_\_

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

Contracted Energy / Gas Facilities  
(New service lines are not shown)  
Date: \_\_\_\_\_

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

**FORT BEND COUNTY**  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

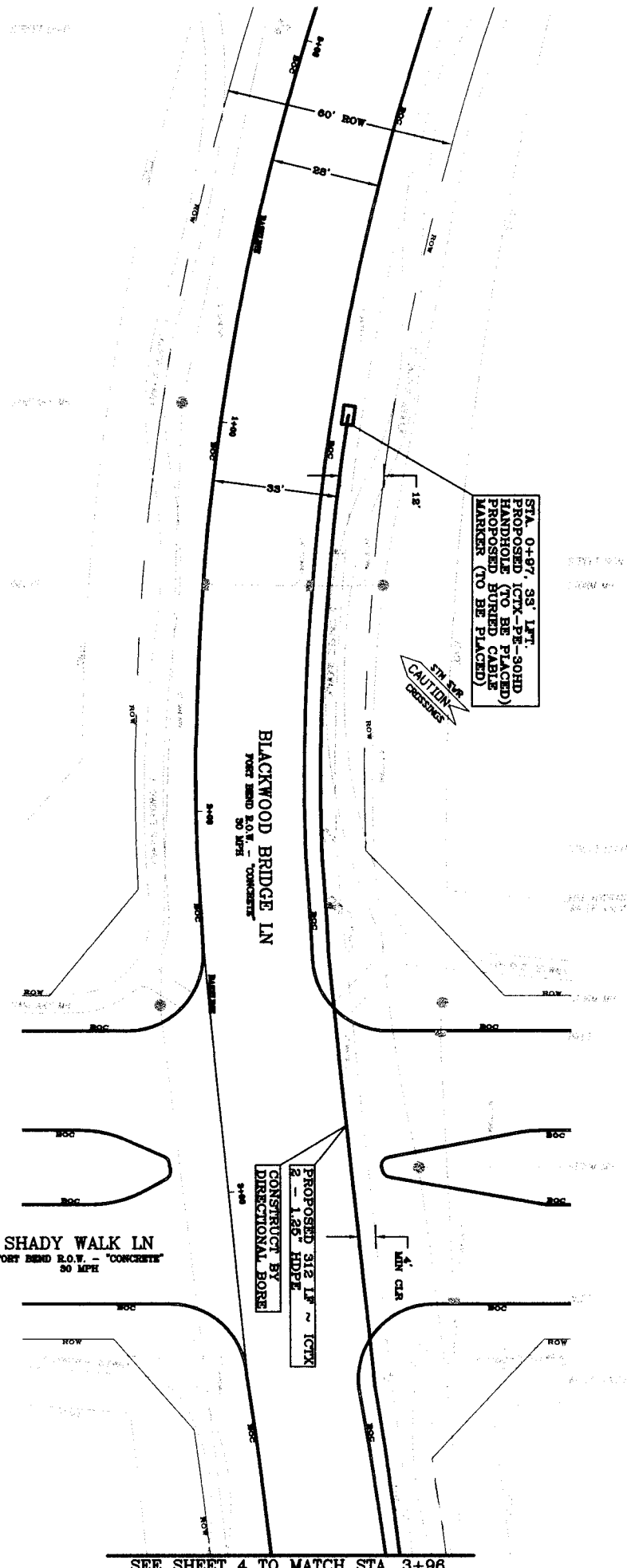
DATE: 6/16/14

DRAWING SCALE:

HORIZ: 1" = 20'

VERT: 1" = 02'

SHEET 3 of 8

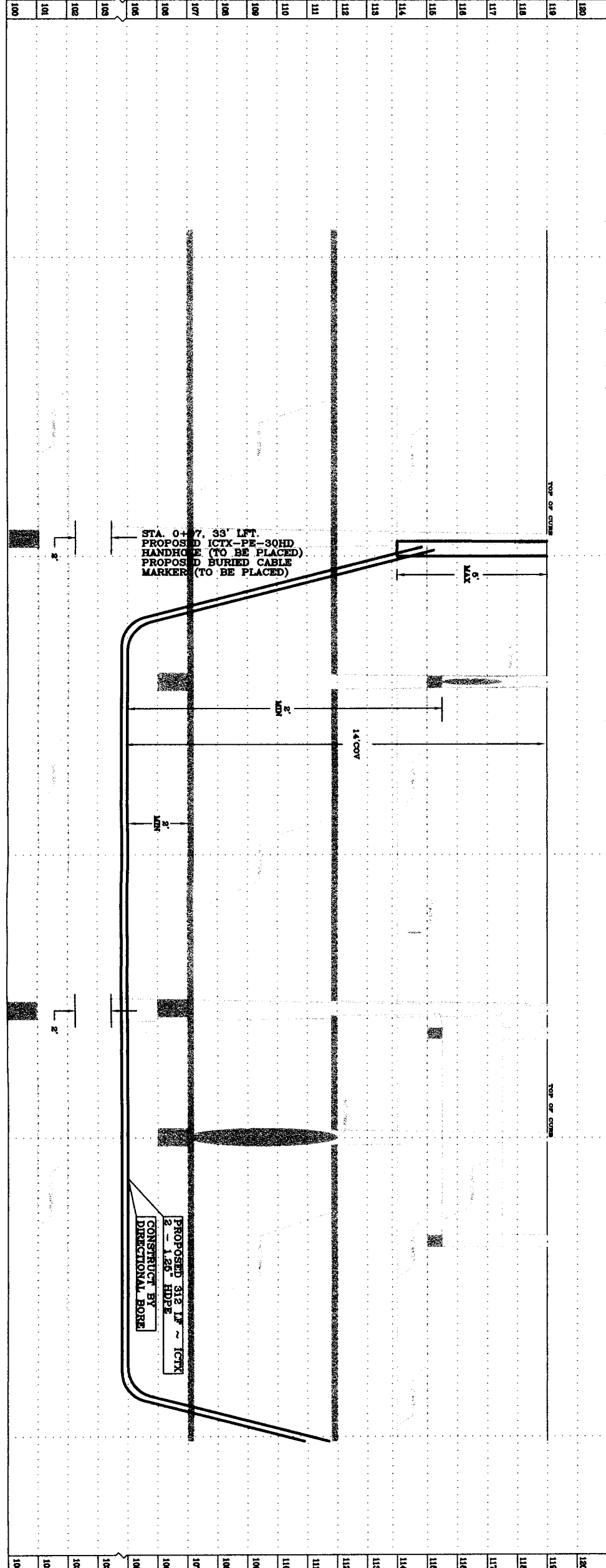


**NOTE:**  
THE APPROVAL IS FOR CONSTRUCTION UTILIZING ALLEYS / EASEMENTS AND NOT FOR CONSTRUCTION OF NEW UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE APPROPRIATE AGENCIES.

**NOTE:**  
THE LOCATION OF UNDERGROUND TELEPHONE CABLES AND OTHER UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE APPROPRIATE AGENCIES.

**NOTE:**  
CAUTION: UNDERGROUND GAS FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE APPROPRIATE AGENCIES.

**NOTE:**  
CONTACT CROWN CASTLE AT 281-536-5123 AT LEAST 48 HOURS BEFORE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE APPROPRIATE AGENCIES.



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 DAMAGED.  
2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-6377 AT LEAST 48 HOURS BEFORE ANY EXCAVATION POSSIBLE FOR POT-HOLING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J1301186

TOTALS

FIBER THIS SHEET: 380'  
FIBER CUMULATIVE: 690'  
STATIONING 3+96-END  
CONDUIT 380 LF

MATERIAL LIST	QUANTITY
2 - 1.25" HDPE	380' EA
BURIED CABLE MARKER	3
HANDHOLE/BOREHOLE	1/1
PE-30HD HANDHOLE	1

TEO, LLC

5510 Community Drive  
Houston, Texas 77005  
281-596-5123 OFFICE  
713-668-6394 FAX  
teo@teogmail.com  
FIRM # F-8978



WAVEMEDIA

TELECOM, LLC.

EMERGENCY # 1-713-895-0002

ONCO RANCH CROWN CASTLE WEST (1) CONSTRUCTION DRAWING

PRIVATE UTILITY LINES SHOWN AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET ROW, OR OTHERWISE CALL THE LOCAL STATE NOTIFICATION 213-223-4627.

Contracted Survey/Graphic Facilities (for existing lines and for new lines)  
Notes: All dimensions are in feet unless otherwise noted.  
Notes: All dimensions are in feet unless otherwise noted.

DATE: 6/16/14  
DRAWING SCALE: 1" = 20'  
VERT: 1" = 02'

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

FORT BEND COUNTY  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

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 DAMAGED.  
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JOB NUMBER: J1301186

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STATIONING 3+96-END  
CONDUIT 380 LF

MATERIAL LIST	QUANTITY
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BURIED CABLE MARKER	3
HANDHOLE/BOREHOLE	1/1
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PRIVATE UTILITY LINES SHOWN AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET ROW, OR OTHERWISE CALL THE LOCAL STATE NOTIFICATION 213-223-4627.

Contracted Survey/Graphic Facilities (for existing lines and for new lines)  
Notes: All dimensions are in feet unless otherwise noted.  
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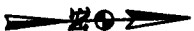
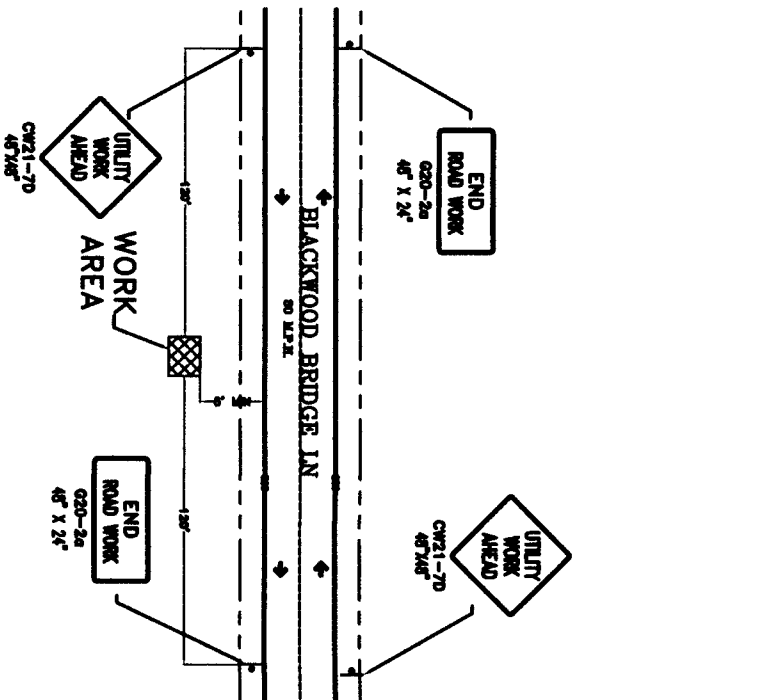
DATE: 6/16/14  
DRAWING SCALE: 1" = 20'  
VERT: 1" = 02'

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

FORT BEND COUNTY  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

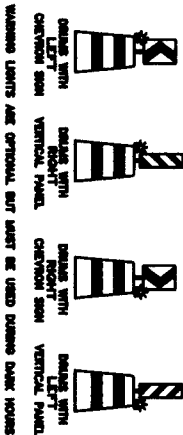
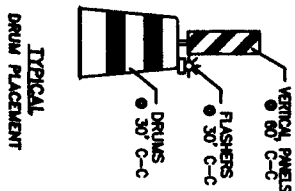
WARNING SIGNS ALONG MINOR RD.

APPLY TO STATIONS 38+00 – END (ALONG EVENING CANYON LN–WESTBOUND)



CITY OF HOUSTON  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
TRAFFIC NOTES

- CITY OF HOUSTON**  
**TRAFFIC ENGINEERING DESIGN REVIEW SECTION**  
**SPACING FOR CHANNELIZING DEVICES**
- A - PLASTIC DRUMS ON LEGEND TAPER AT 30' C-C WITH CHEVRON SIGNS AT 80' C-C AND TYPE "C" WARNING LIGHT (FOR OVERNIGHT CLOSURE).
- B - PLASTIC DRUMS ON DOMESTIC TAPER AT 35' C-C.
- C - PLASTIC DRUMS ON ROAD AT 5' C-C.
- D - PLASTIC DRUMS ON TANGENT @ 30' C-C WITH VERTICAL PANEL AT 70' C-C AND TYPE "C" WARNING LIGHT (FOR OVERNIGHT CLOSURE).
- E - PLASTIC DRUMS IN FRONT OF CONSTRUCTION ZONE AT 30' C-C AND TYPE "C" WARNING LIGHT (FOR OVERNIGHT CLOSURE).
- F - CONCRETE TRAFFIC BARRER (C.T.B.) OR LOW PROFILE CONCRETE TRAFFIC BARRER (L.P.C.T.B.) WITH REFLECTORS AT 10' C-C. IF PAVEMENT DROP IS MORE THAN TWELVE INCHES (12") OR MORE, PAVEMENT DROP IS MORE THAN TWELVE INCHES (12") OR MORE.
- G - PLASTIC DRUM WITH GLAND RAIL MOUNTED.
- H - 24" TUBULAR BARRERS AT 30' C-C.
- I - 4-LANE TO 2-LANE UNIDIRECTIONAL ROADWAY SECTIONS AT 30' C-C.
- J - 4-LANE DIVIDED ROADWAY TO ONE SIDE TWO-WAY ROAD AT 30' C-C.
- K - LEFT LANE, RIGHT LANE STORAGE BAYS AT 15' C-C.
- NOTES:**  
SPACINGS SHOWN ON TRAFFIC CONTROL PLANS SHALL SUPERSEDE THE ABOVE SPACINGS.  
AND/OR MEDIAN OPENINGS.
- 1 - CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE TEXAS MANUAL ON HIGHWAY TRAFFIC CONTROL DEVICES (TEXAS MULTIC.D., MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION.
- 2 - LANE CLOSURE PERMITS ARE TO BE OBTAINED (SEE NOTE 7).
- 3 - NO LANE SHALL BE CLOSED DURING THE HOURS OF 5:30 AM TO 7:00 PM MONDAY THRU FRIDAY IN DOWNTOWN/MIDTOWN AREA. NO LANE SHALL BE CLOSED DURING THE HOURS OF 7:00 AM TO 8:00 PM AND 4:00 PM TO 6:00 PM MONDAY THRU FRIDAY ON MAJOR THOROUGHFARES. NO LANE SHALL BE CLOSED ON RESIDENTIAL STREETS FROM 7:00 PM TO 7:00 AM.
- 4 - CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOUR AND OPEN LANE FOR NORMAL TRAFFIC FLOW.
- 5 - IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF TRAFFIC CONTROL PLANS DURING THE CONSTRUCTION THAN WHAT IS OUTLINED IN THE CONTRACT DRAWINGS, THE/ONE SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT AN ALTERNATE/NEAREST RETROGRADEABLE TRUCKS, SETTING AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS, WITH THE ENTIRE APPROVED SET OF DRAWINGS, TO PLAN REVIEW SECTION FOR REVIEW AND APPROVAL, TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
- 6 - APPROVED COPIES OF THE TRAFFIC CONTROL PLANS AND LANE CLOSURE PERMITS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.
- 7 - A NUMBER FOR SIGN/PLATE CLOSING PERMIT MUST BE MADE AT LEAST TEN (10) WORKING DAYS PRIOR TO THE DATE WHEN THE CLOSURE IS REQUESTED. NOTE THAT WORKING HOURS MAY BE RESTRICTED OR REQUEST MAY BE DENIED. CALL 713 657-7260 FOR AN APPLICATION.
- 8 - ALL TRAFFIC CONTROL DEVICES USED AT NIGHT SHALL BE REFLECTORIZED OR ILLUMINATED.
- 9 - CONTRACTOR SHALL MAINTAIN LOCAL DRIVEWAY ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES ADJACENT TO WORK AREA AT ALL TIMES.
- 10 - CONTRACTOR SHALL NOTIFY FIRE, POLICE, METROPOLITAN TRANSIT AUTHORITY, AND SCHOOLS FIVE (5) WORKING DAYS PRIOR TO IMPLEMENTATION FOR TRAFFIC CONTROLS.



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
- 24" TUBULAR BARRERS
- 24" TRAFFIC CONES
- TRAFFIC CONSTRUCTION SIGNS
- TYPE "A" WARNING LIGHTS
- LAW OFFICER
- FLASHER
- FLASHING ARROW PANEL
- DIRECTION OF TRAFFIC FLOW

JOB NUMBER: J1301186

WAVEMEDIA  
TELECOM, LLC.

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



EMERGENCY# 1-713-865-0002

TRAFFIC CONTROL PLAN

FORT BEND COUNTY

DATE: 06/16/14

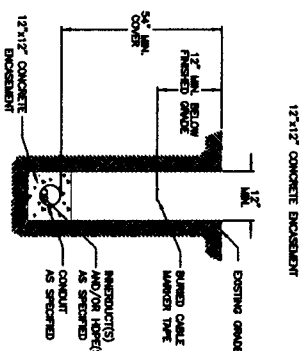
DRAWING SCALE:

SCALE: N/A

VERT: N/A

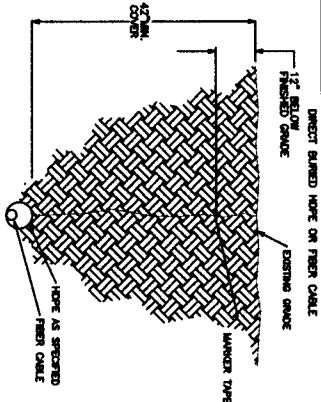
SHEET 5 of 8

# TYPICAL DETAIL "B" INDUSTRY STANDARD

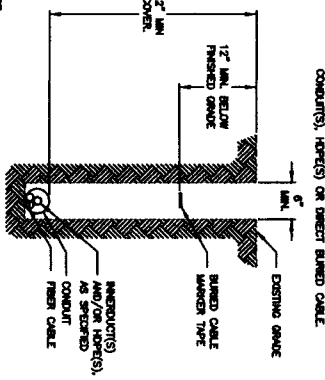


NOTE:  
BACKFILL MUST BE MADE WITH ROCK FREE MATERIAL.

# TYPICAL DETAIL "C" INDUSTRY STANDARD

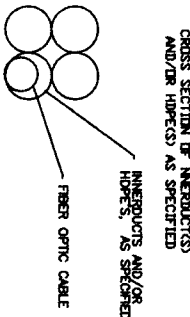


# TYPICAL DETAIL "A" INDUSTRY STANDARD

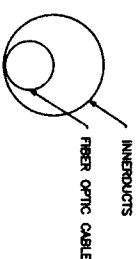


NOTE:  
BACKFILL MUST BE MADE WITH ROCK FREE MATERIAL.

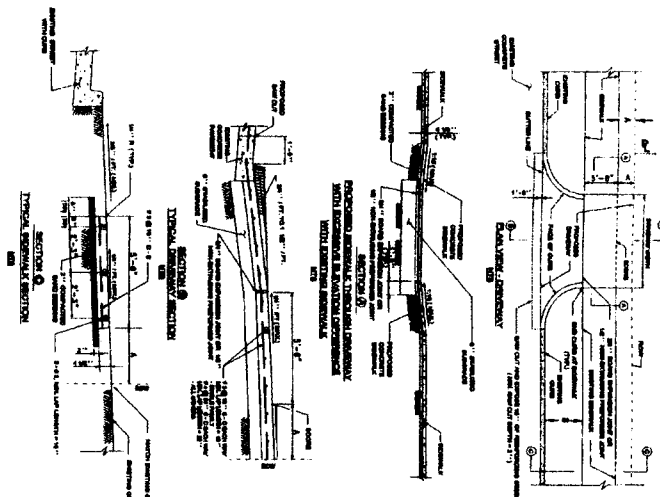
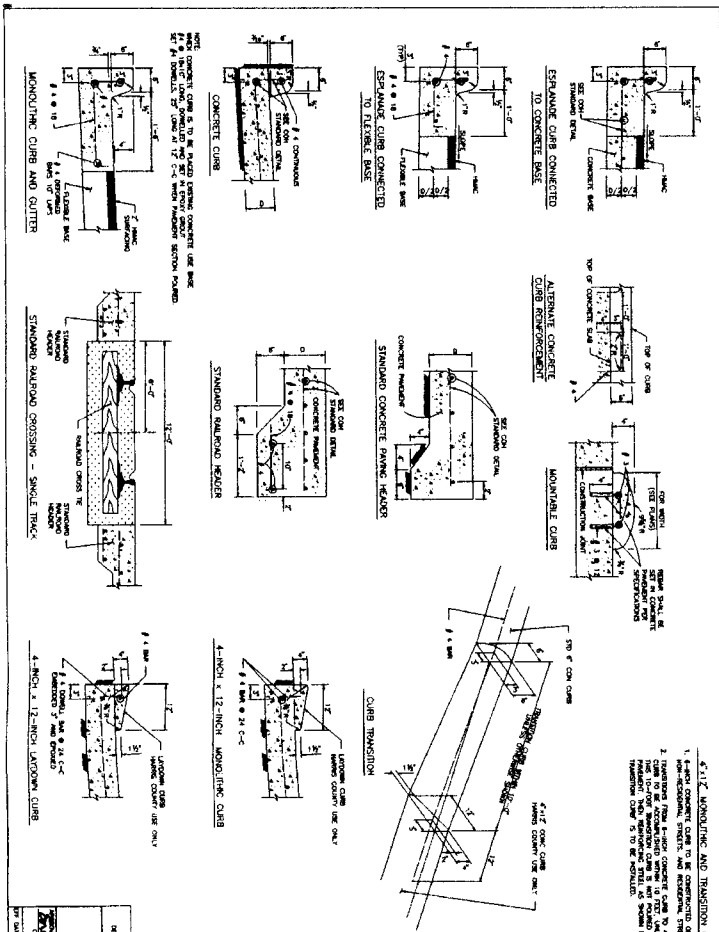
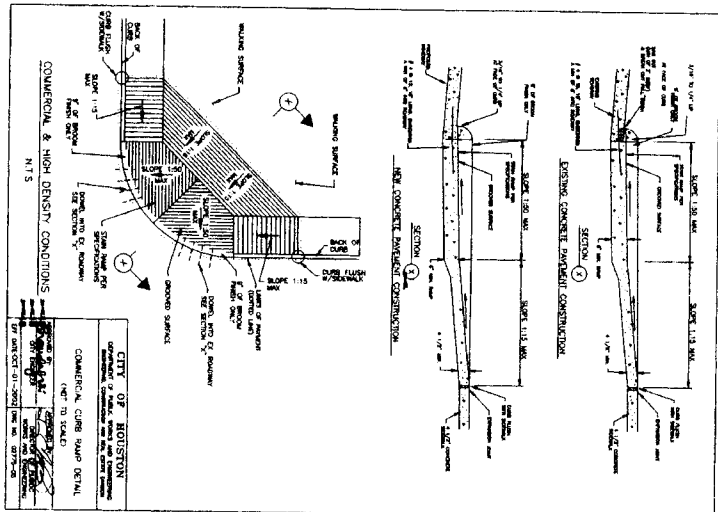
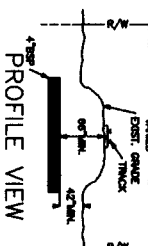
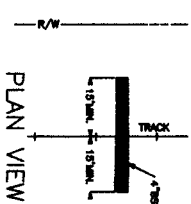
# INDUSTRY STANDARD TYPICAL DETAIL "D"



# INDUSTRY STANDARD TYPICAL DETAIL "E"



# INDUSTRY STANDARD TYPICAL DETAIL "F"



1. IF AVAILABLE ROW IS NOT SUFFICIENT TO ACCOMMODATE THE CURB, THE CITY ENGINEER SHALL OBTAIN A VARIANCE FROM THE CITY ENGINEER FOR A 4-7' ROW.
2. THE CURB SHALL BE 12" HIGH FOR SINGLE LANE ROADS AND 18" HIGH FOR DOUBLE LANE ROADS (E. COMMERCIAL, INDUSTRIAL, ETC.).
3. DRIVEWAYS AND SIDEWALKS SHALL BE CONSTRUCTED WITH PORTLAND CEMENT OR CEMENT PER CURB VARIATION OF CONCRETE.
4. 54-823.2 X 82.5 REINFORCING BARS SHALL BE USED IN LAY OF THE REINFORCING STEEL.
5. DRIVEWAYS AND SIDEWALKS SHALL BE CONSTRUCTED WITH PORTLAND CEMENT OR CEMENT PER CURB VARIATION OF CONCRETE.
6. REFER CHAPTER 10 DESIGN REQUIREMENTS FOR A AND B.

CITY OF HOUSTON  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
DRIVEWAY DETAIL  
WITH 6" CURBED STREETS  
(NOT TO SCALE)  
DATE: JAN-01-2004  
DWG NO: 02754-01B

# 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 1-800-344-8377 AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.  
3. CONTRACTORS RESPONSIBLE FOR CONTINUING MONITORING AND PROBING ALL UNDERGROUND STRUCTURES.

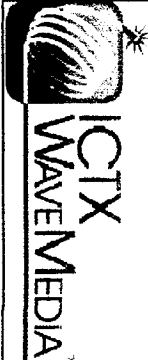
# PRIVATE UTILITY LINES SHOWN

AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR EASEMENTS CALL THE LONG STAR CORPORATION 713-222-4897.

Contract/Project Energy/Service Facilities  
(Approved only for existing underground facilities, unless otherwise noted.)  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Contract/Project Energy / Gas Facilities  
(For service lines that are not shown)  
Date: \_\_\_\_\_

JOB NUMBER: J1301186

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

# GENERAL CONTRUCTION DETAILS

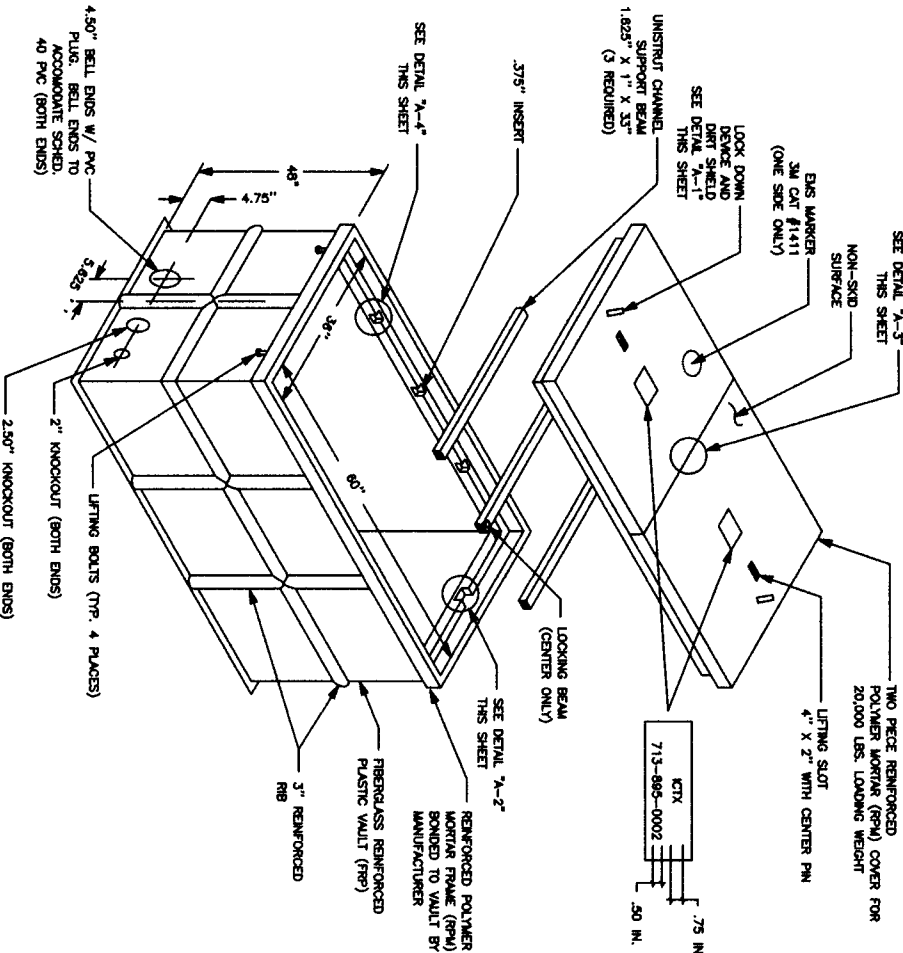
NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY  
AFTER DATE OF SIGNATURES

FORT BEND COUNTY

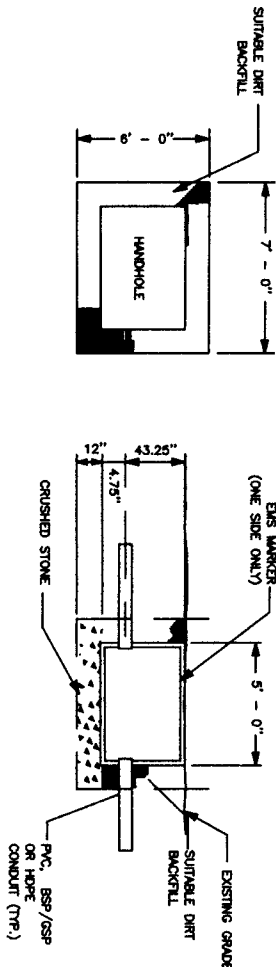
FILE NO: \_\_\_\_\_  
DATE: 08/16/14  
DRAWING SCALE: \_\_\_\_\_  
WORK: NTS  
VERT: NTS  
SHEET NO: 6 of 8

3' x 5' x 4' HANDHOLE DETAILS

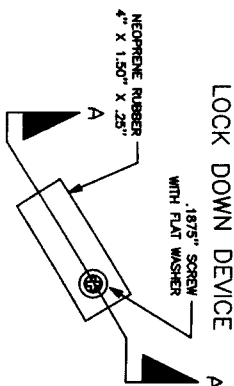
DETAIL "A"  
EXPLODED ISOMETRIC DETAIL



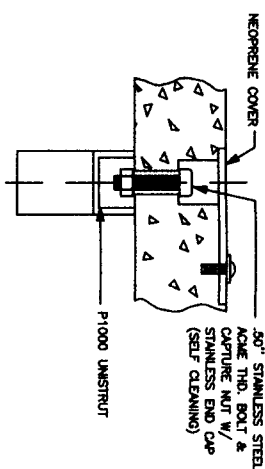
DETAIL "C"  
EXCAVATION PIT



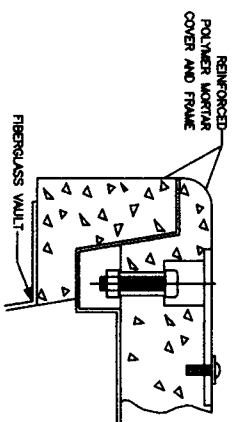
DETAIL "A-1"



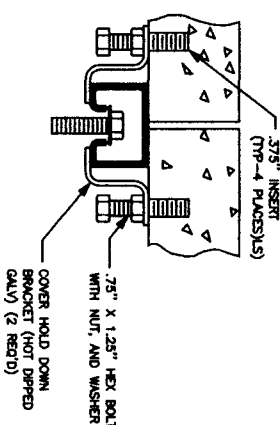
DETAIL "A-2"



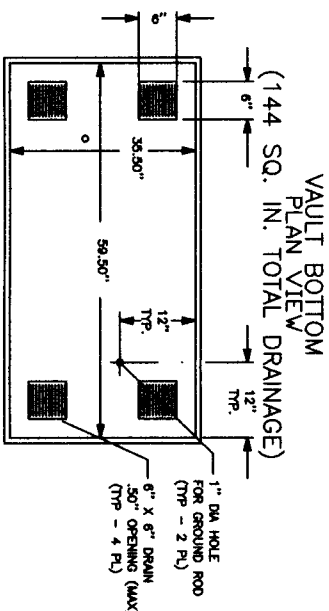
SECTION A-A  
LOCKING DEVICE  
CROSS SECTION



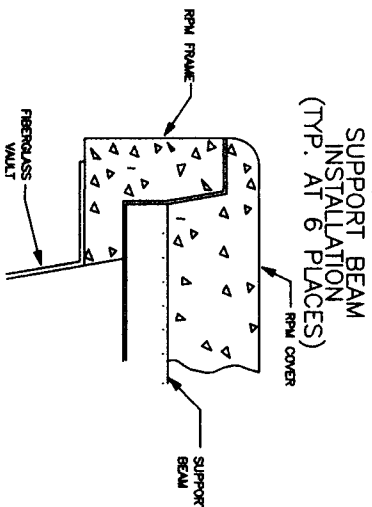
DETAIL "A-3"



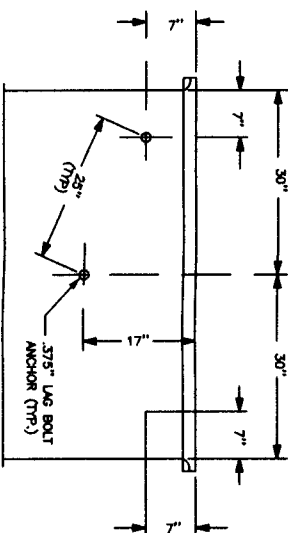
DETAIL "B"



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: UNDERGROUND UTILITIES  
1. 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.

PRIVATE UTILITY LINES SHOWN

AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR  
EASEMENTS ONLY THE LONG STAKE NOTIFICATION 213-222-4897.

Contract/Field Engineering  
(Approved only for creating underground utilities, unless otherwise noted.)  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

SDC Approved for underground utility installation only.  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

Contract/Field Engineering / Date Fielding  
(Date service lines are not shown)  
Date: \_\_\_\_\_

JOB NUMBER: J1301186

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

HANDHOLE DETAIL

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

FORT BEND COUNTY

FILE NO:

DATE: 06/16/14

DRAWING SCALE:

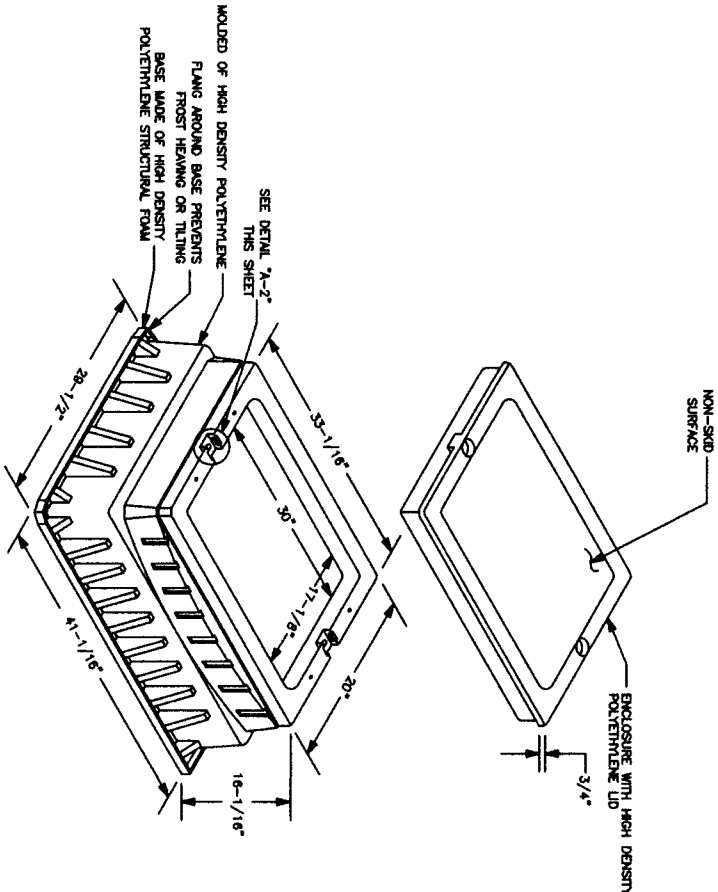
HORIZ: NTS

VERT: NTS

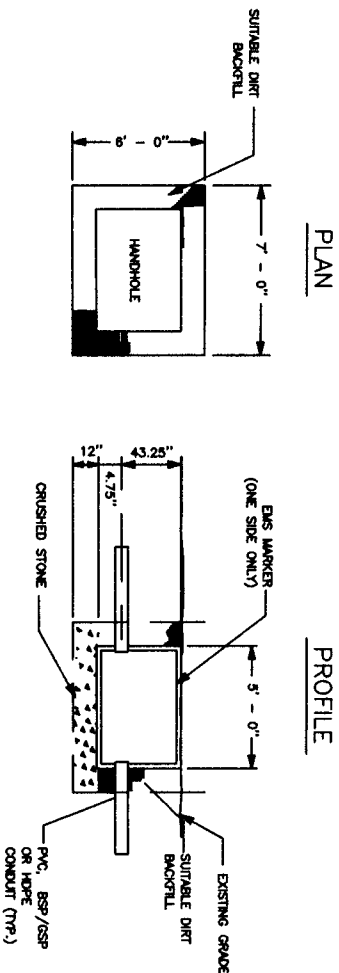
SHEET NO. 7 OF 8

SERIES PE-30HD HANDHOLE DETAILS

DETAIL "A"  
EXPLODED ISOMETRIC DETAIL

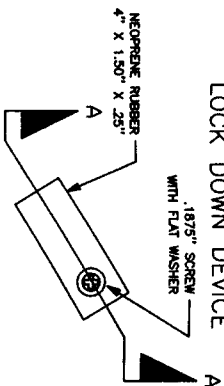


DETAIL "C"  
EXCAVATION PIT



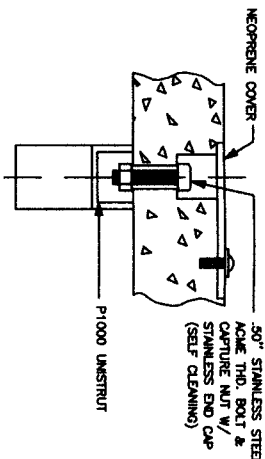
DETAIL "A-1"

LOCK DOWN DEVICE



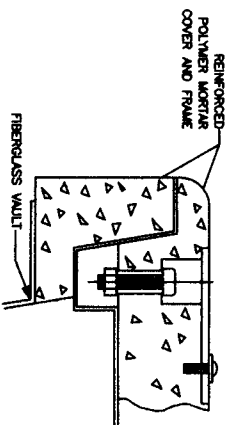
DETAIL "A-2"

ENGAGED LOCK DOWN DEVICE



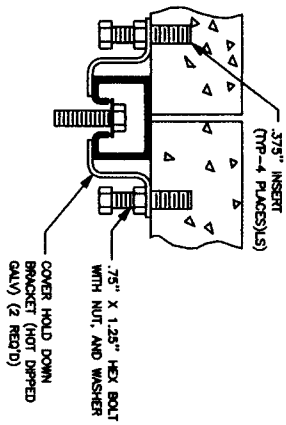
SECTION A-A

LOCKING DEVICE CROSS SECTION



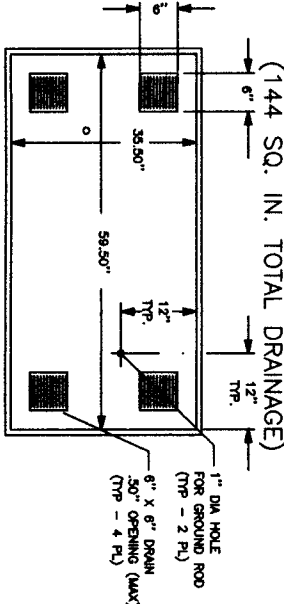
DETAIL "A-3"

COVER HOLD DOWN BRACKET OF 2-PIECE RPM COVER



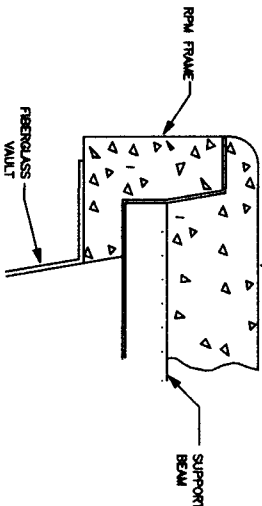
DETAIL "B"

VAULT BOTTOM PLAN VIEW (144 SQ. IN. TOTAL DRAINAGE)



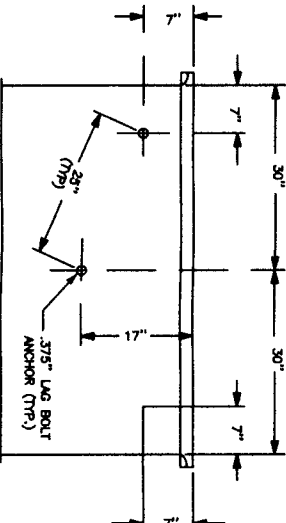
DETAIL "A-4"

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 6" OF CRUSHED STONE (.75" GRADE).
3. THIS UNIT IS MOULDED OF HIGH DENSITY POLYETHYLENE. FLANG AROUND BASE PREVENTS FROST HEAVING OR TILTING. UNITS CAN BE NESTED FOR A MINIMUM AMOUNT OF WAREHOUSE STORAGE SPACE.

NOTE:

LINEAR DISTANCE BETWEEN LAG BOLT ANCHORS MUST BE 25".

DISCLAIMER

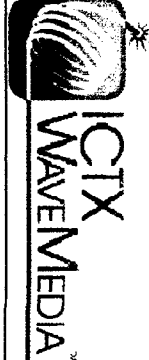
- GENERAL NOTES:
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PLOTTED FROM AVAILABLE INFORMATION. FIELD SURVEYING OBSERVATIONS IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
  2. CALL UNDERGROUND SERVICE ALERT AT 1-800-344-8377 AT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

PRIVATE UTILITY LINES SHOWN AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET R.O.W. OR EASEMENTS CALL THE LONG STAR NOTIFICATION 214-224-5972.

Contracted Energy/Utility Notification (Approved only for existing underground facilities, unless otherwise noted.)  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Contracted Energy / Gas Notification (New service lines do not qualify)  
Date: \_\_\_\_\_

JOB NUMBER: J1301186

TEO .LLC  
5510 Community Drive  
Houston, Texas 77005  
281-536-5123 OFFICE  
713-688-6334 FAX  
teo@teo.com  
FIRM # F-3978



WAVEMEDIA  
TELECOM, LLC.

EMERGENCY # 1-713-895-0002

PE-30HD HANDHOLE DETAIL

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

FORT BEND COUNTY

FILE NO: \_\_\_\_\_  
DATE: 06/16/14

DRAWING SCALE: \_\_\_\_\_

HORZ: NTS  
VERT: NTS

SHEET NO: 8 of 8