

AK

**REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT**

On this 23 day of NOVEMBER, 2010, before the Fort Bend Commissioners Court came on to be heard and reviewed the accompanying notice of ICTX WAVEMEDIA, INC.

Job Location UNIVERSITY BOULEVARD

Dated 11/08/10 BOND NO 5091754 Permit No. 83856  
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 Dutton, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

**Notes:**

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
  - a. 48 hours in advance of construction start up, and
  - b. When construction is completed and ready for final inspection

Mail notices to: Permit Administrator  
Fort Bend County Engineering  
P.O. Box 1449  
Rosenberg, Texas 77471  
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 11-23-10  
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 5091754  
THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:  
COUNTY OF FORT BEND §

THAT WE, Wavemedia, Inc. whose address is 419 Century Plaza Dr. Ste. 250, Houston, TX 77037-6042, 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 952 Echo Lane, Suite 450 Houston, TX 77024, 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 Five Thousand Dollars (\$ 5,000.00) current, lawful money of the United States of America, to be paid to said Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors, assigns, and legal representatives, jointly and severally, by these presents.

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 27th day of October, 2010.

Wavemedia, Inc.

PRINCIPAL

BY

SureTec Insurance Company

SURETY

BY

Richard Coyle, Attorney in Fact

<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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# 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:** Wavemedia, Inc.  
**Obligee:** Fort Bend County Judge  
**Amount:** \$ 5,000.00

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 3rd day of September, A.D. 2010.

SURETEC INSURANCE COMPANY

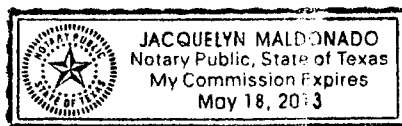
By:   
 John Knox Jr., President


State of Texas  
 County of Harris

SS:



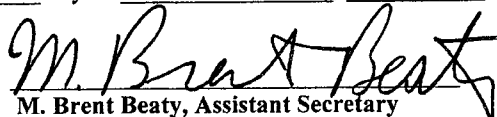
On this 3rd day of September, A.D. 2010 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he 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, 2013

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 27th day of October, 2010, 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.



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. J207730  
PERMIT No. 83956 PCT. No. 3  
BOND No. 5091754

Formal notice is hereby given that ICTX  
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
	:	:	:
	:	:	:
	:	:	:

Along Roads and/or Drainage Ditches

Road or Ditch Name	: Distance & Direction From : Nearest Intersection	: To :	: Distance
University Blvd	: North of Texas 6 Intersection	:	: 882 FT
	:	:	:
	:	:	:

General Description

Proposed telecommunication conduit along East side of University Blvd. Starting at the intersection of Texas 6 & University Blvd. Going North 882 FT

The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or Pole Lines, In, Under, Across, or Along Roads, Streets, Highways and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by Commissioners Court of Fort Bend County, Texas, dated the 3rd. day of August, 1987, recorded in Volume 639 of the Minutes of the Commissioners Court of Fort Bend County, Texas.

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

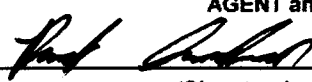
Mail to: Permit Administrator/Fort Bend County Engineering  
P.O. Box 1449, Rosenberg, TX 77471.

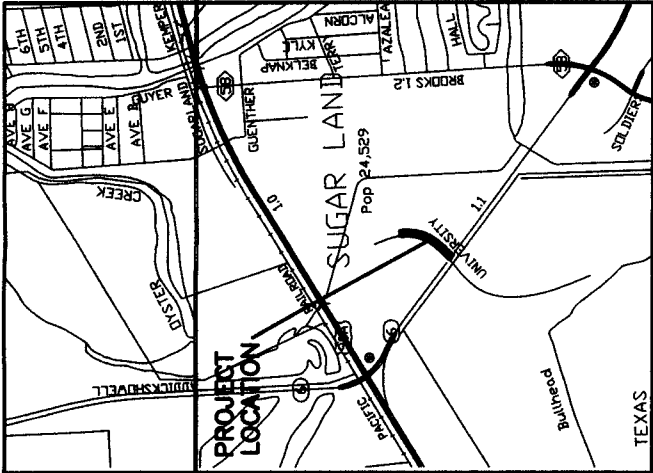
Violation of requirements shall constitute grounds for job shut down.

Does project  
comply with Fort  
Bend County  
Outdoor Lighting  
Ordinance?

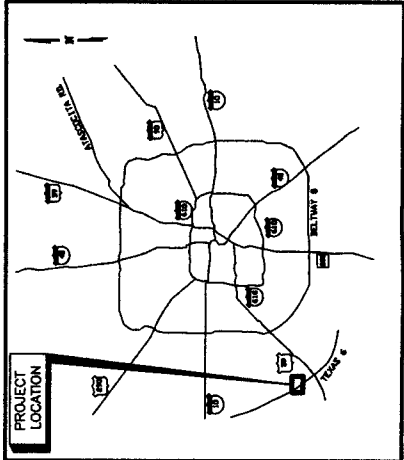
Yes ( )

No ( )

COMPANY NAME: ICTX  
AGENT and/or OWNER  
  
(Signature)  
NAME & TITLE Brad Scarborough  
(Please Print)  
DATE 11/4/10  
ADDRESS 419 Century Plaza #250  
(Street/P.O. Box)  
Houston Texas 77073  
City State Zip  
TELEPHONE NO: 281-541-4848  
(accessible 24 hrs/day, 7 days/week)



VICINITY MAP



LOCATION MAP

TELECOMMUNICATION CONDUITS  
ALONG UNIVERSITY BLVD.  
NORTH OF TEXAS 6 INTERSECTION  
FORT BEND COUNTY  
TEXAS  
NEW BUILD

KEY MAP#: 658 S

ZIP CODE: 77478



THIS DOCUMENT IS RELEASED  
FOR INTERIM REVIEW ONLY  
UNDER THE AUTHORITY OF  
E. GALVAN  
P.E. SERIAL NO.: 31528  
ON: OCTOBER 1, 2010  
IT IS NOT TO BE USED FOR CONSTRUCTION  
BIDDING, OR PERMIT PURPOSES.

\*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	0+00 - 3+31
CONSTRUCTION DRAWING	4	3+31 - 7+36
CONSTRUCTION DRAWING	5	7+36 - END
TRAFFIC CONTROL PLAN	6	
GENERAL CONSTRUCTION DETAIL	7	
HANDMADE DETAILS	8	

NOTES:  
THE CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC  
WORKS AND ENGINEERING, CONSTRUCTION DIVISION, TELEPHONE NO.  
713-363-1400, 48 HOURS BEFORE STARTING WORK ON THIS PROJECT.

PROJECT NAME: KS - FORT BEND  
JOB NUMBER: J207730

TEO LLC  
5510 Community Drive  
Houston, Texas  
77005  
281-536-5123 OFFICE  
713-658-6334 FAX  
info@teo.com  
FIRM # F-6978

WAVEMEDIA  
TELECOM, LLC.

SURVEY BY: ICTX  
F B NO.

SHEET NO 1 OF 8 SHEETS

OCTOBER 25, 2010





1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON THE PROJECT SITE AND ARE IDENTIFIABLE. THE CONTRACTOR SHALL OBTAIN ALL 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING, LOCATING AND PROBBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J207730

TOTALS

FIBER THIS SHEET: 284 LF

FIBER CUMULATIVE: -

STATIONING 0+00 - 3+31

MATERIAL LIST		QUANTITY
2	1.25" HDPE	284' EA
	BURIED CABLE MARKER	1
	HAND HOLE	1

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



**WAVEMEDIA  
TELECOM, LLC.**

EMERGENCY# 1-713-895-0002

UNIVERSITY BLVD  
CONSTRUCTION DRAWING

CenterPoint Energy/Electric Facilities (Approved only for crossing underground ductlines, unless otherwise noted.)	Dates
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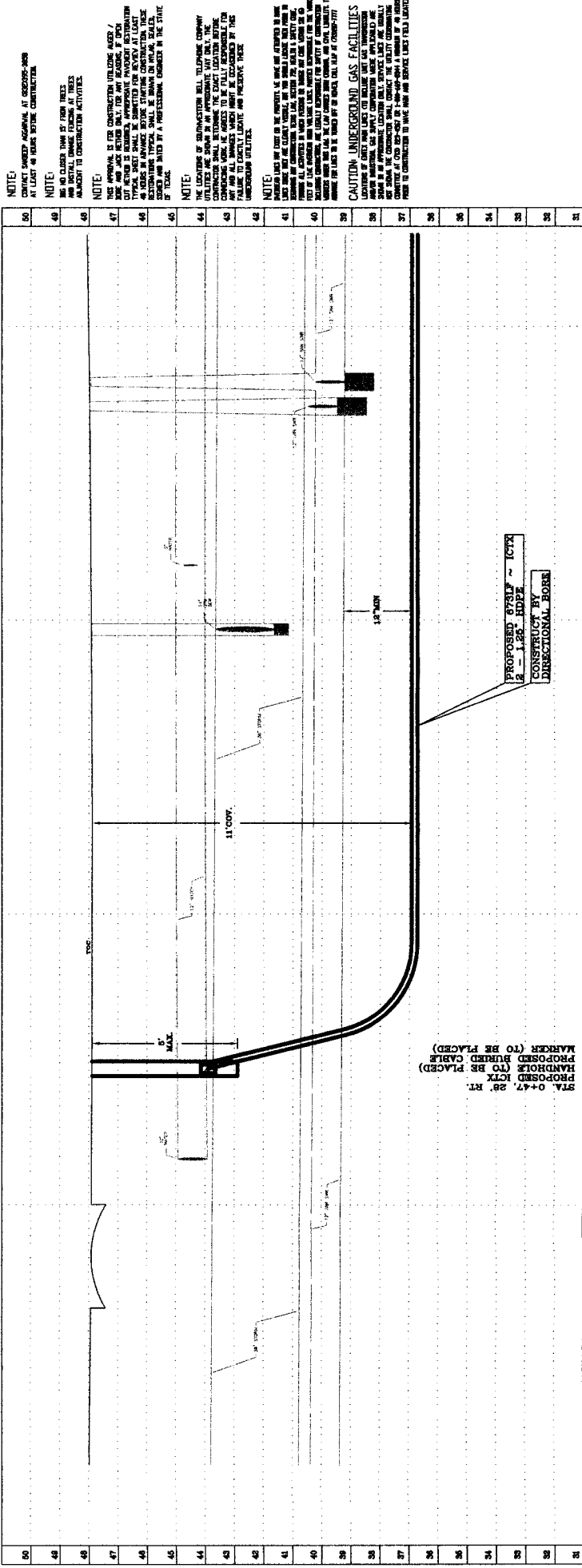
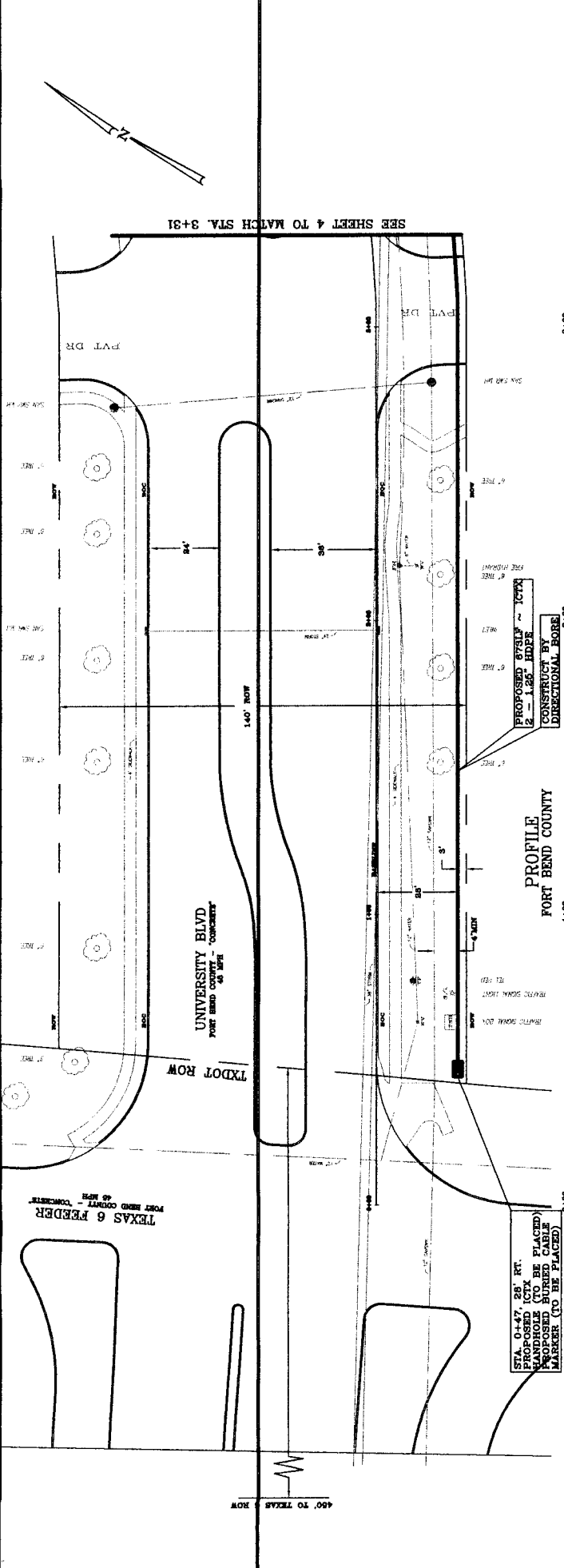
Value of order in thousands	Date
AT&T approved for underground conduit facilities only.	

CenterPoint Energy / Gas Facilities (Gas service lines are not shown)	District
1	1
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100	100

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

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

DATE	10/25/10
DRAWING SCALE:	
HORIZ	1" = 20'
VERT	1" = 02'
SHEET	3 of 7
10/25/10	

[illegible]

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 800-4-A-SAFE (4727) AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.  
3. CONTRACTORS RESPONSIBLE FOR POT-HOUGING, LOCATING AND PROBING ALL UNDERGROUND STRUCTURES.

JOB NUMBER: J207730

TOTALS

FIBER THIS SHEET: 405 LF

FIBER CUMULATIVE: —

STATIONING 3+31 — 7+36

CONDUIT 405 LF

MATERIAL LIST

	QUANTITY
2 — 1.25" HDPE	405' EA
BURIED CABLE MARKER	1
HAND HOLE	1

TEO, LLC

5510 Community Drive  
Houston, Texas 77055  
281-536-7700 OFFICE  
713-689-6334 FAX  
teo@tmail.com  
FIRM # F-8978



WAVEMEDIA  
TELECOM, LLC.

EMERGENCY# 1-713-895-0002

UNIVERSITY BLVD

CONSTRUCTION DRAWING

PRIVATE UTILITY LINES SHOWN

AT LEAST 48 HOURS BEFORE EXCAVATION IN STREET DRAIN OR

EXPOSURES SHALL BE DONE. SEE NOTIFICATION 713-292-5857.

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

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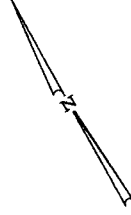
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SEE SHEET 3 TO MATCH STA. 3+31

SEE SHEET 5 TO MATCH STA. 7+36

UNIVERSITY BLVD  
PORT BEND COUNTY  
CONCRETE

PROPOSED 1.25" HDPE  
2 — 1.25" HDPE

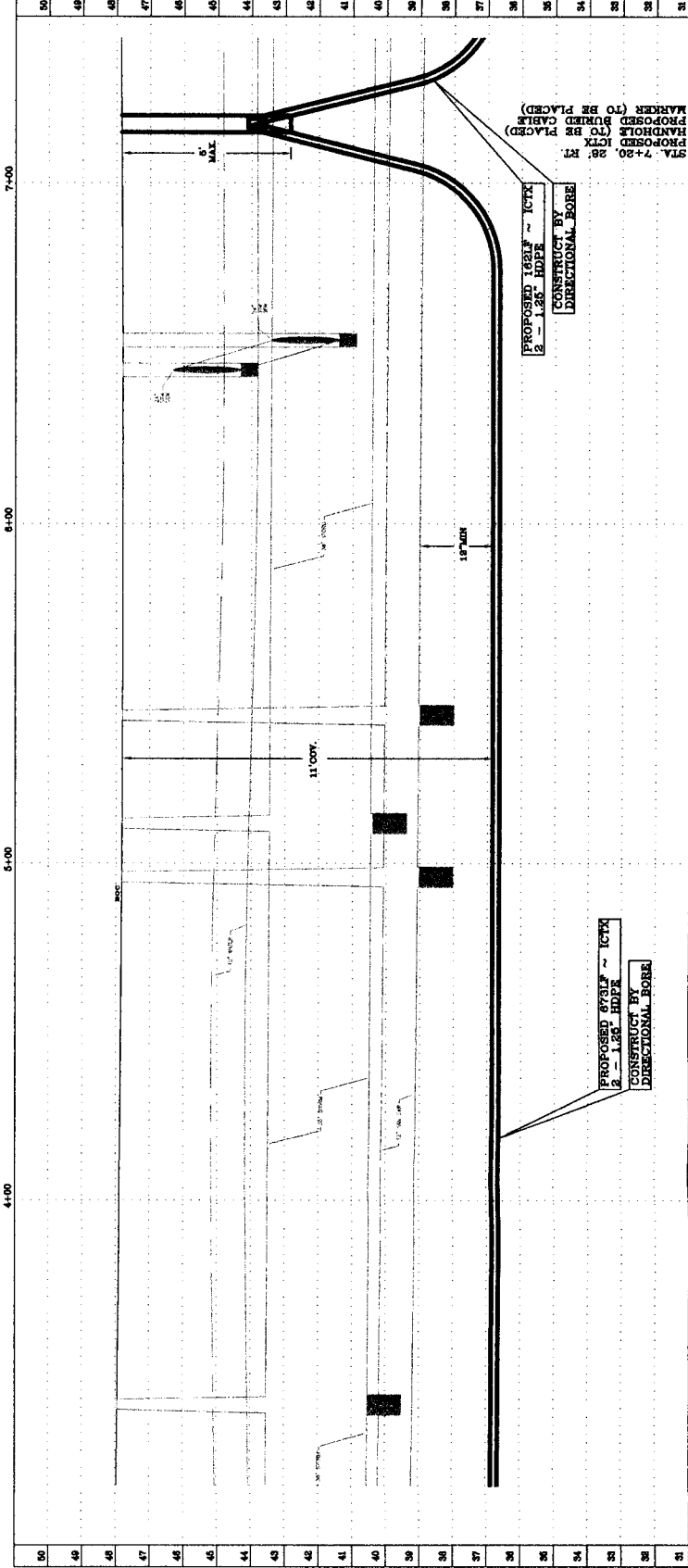
CONSTRUCT BY  
DIRECTIONAL BORE

PROPOSED 6" DIA. HDPE  
2 — 6" DIA. HDPE

CONSTRUCT BY  
DIRECTIONAL BORE

STA. 7+36, 28' RT.  
HANDHOLE (TO BE PLACED)  
PROPOSED BURIED CABLE  
MARKER (TO BE PLACED)

PROFILE  
PORT BEND COUNTY



STA. 7+36, 28' RT.  
HANDHOLE (TO BE PLACED)  
PROPOSED BURIED CABLE  
MARKER (TO BE PLACED)

PROPOSED 1.25" HDPE  
2 — 1.25" HDPE

CONSTRUCT BY  
DIRECTIONAL BORE

PROPOSED 6" DIA. HDPE  
2 — 6" DIA. HDPE

CONSTRUCT BY  
DIRECTIONAL BORE

NOTE:  
CONSTRUCTION SHALL BE AT LEAST 48 HOURS BEFORE CONSTRUCTION.

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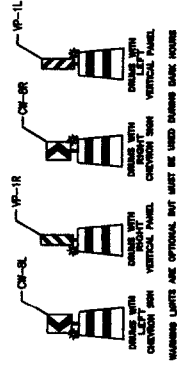
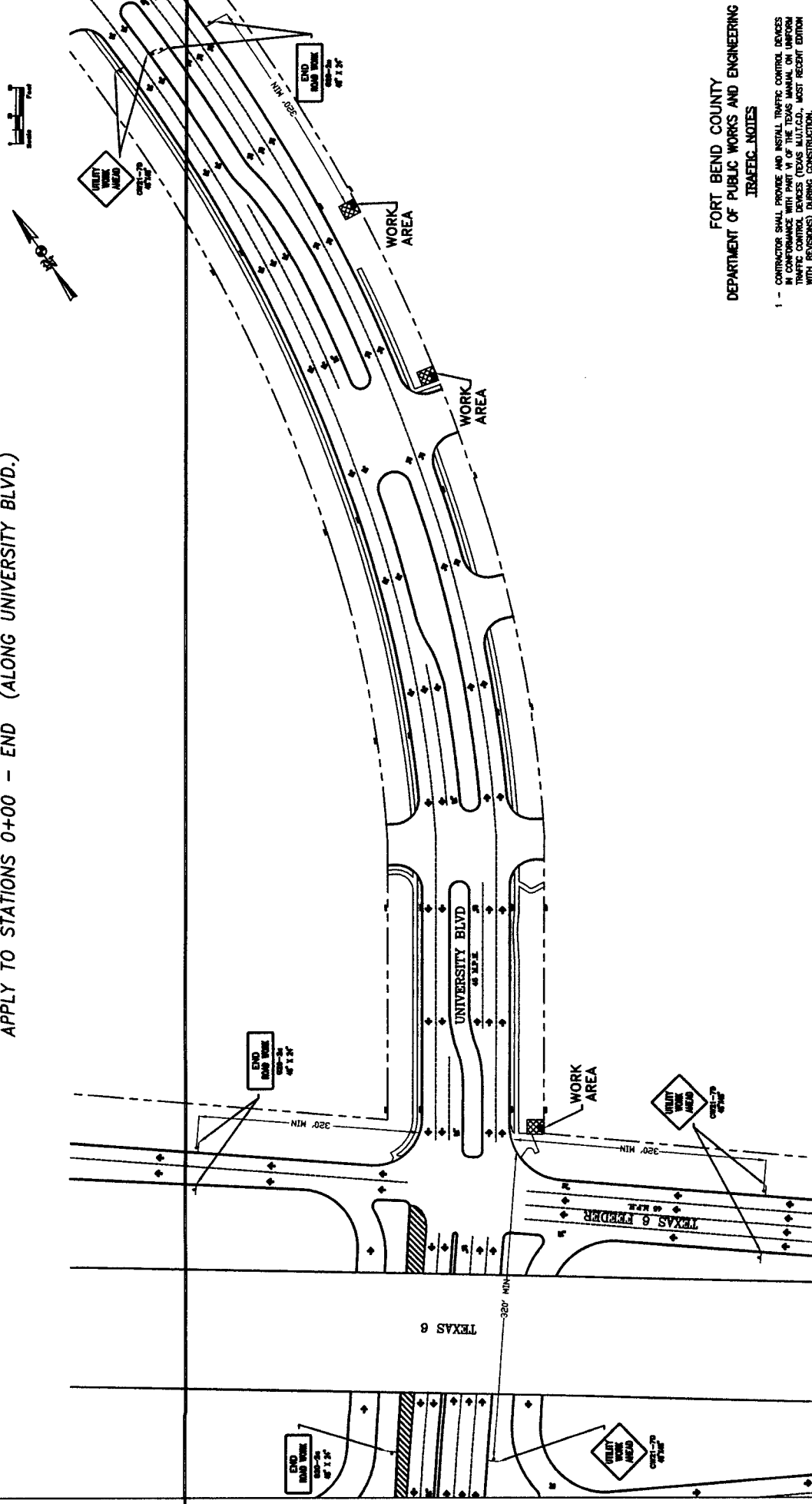
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# WARNING SIGNS















APPLY TO STATIONS 0+00 - END (ALONG UNIVERSITY BLVD.)



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

- 1 - CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TEUTACD), LATEST RECENT EDITION (WITH REVISIONS) DURING CONSTRUCTION.
- 2 - NO LANES SHALL BE CLOSED DURING CONSTRUCTION.
- 3 - CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES AND ANCHORED PROPERLY DURING NON-WORKING HOUR AND OPEN LANES FOR NORMAL TRAFFIC FLOW.
- 4 - IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF TRAFFIC CONTROL, THE CONTRACTOR SHALL SUBMIT A PLAN OF TRAFFIC CONTROL TO THE PROJECT ENGINEER. THE PLAN SHALL BE OUTLINED IN THE CONTRACT DRAWINGS. HE/SHE SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT AN ALTERNATIVE SET REPRODUCIBLE MYLARS, SEALED AND SIGNED BY A LICENSED ENGINEER IN THE STATE OF TEXAS, WITH THE ENTIRE APPROVED SET OF DRAWINGS, TO REPLY TO THE PROJECT ENGINEER AND APPROVAL, TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
- 5 - APPROVED COPIES OF THE TRAFFIC CONTROL PLANS AND LANE CLOSURE PERMITS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.
- 6 - CONTRACTOR SHALL MAINTAIN LOCAL DRIVEWAY ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES ADJACENT TO WORK AREA, AT ALL TIMES.
- 7 - CONTRACTOR SHALL NOTIFY FIRE, POLICE, WORK AREA TRANSIT AUTHORITY, AND SCHOOLS FIVE (5) WORKING DAYS PRIOR TO IMPLEMENTATION FOR TRAFFIC CONTROLS.

**LEGENDS:**

- |   |                       |   |                                  |   |  |
|---|-----------------------|---|----------------------------------|---|--|
|  | WORK AREA             |  | DRAINS WITH LEFT CHEROKEE SIGN   |  | DRAINS WITH LEFT VERTICAL PANEL                  |
|  | ROAD/LANE CLOSED AREA |  | DRAINS WITH RIGHT VERTICAL PANEL |  | DRAINS WITH RIGHT CHEROKEE SIGN                  |
|   |                       |  | DRAINS WITH LEFT CHEROKEE SIGN   |  | DRAINS WITH LEFT VERTICAL PANEL                  |
|   |                       |  | DRAINS WITH LEFT VERTICAL PANEL  |  | PLASTIC DRUMS                                    |
|   |                       |  | 26" TUBULAR MARKERS              |  | 26" TRAFFIC CONES                                |
|   |                       |  | TRAFFIC CONSTRUCTION SIGNS       |  | TYPE II BARRICADE WITH 2 TYPE "A" WARNING LIGHTS |

- |                                     |                           |
|-------------------------------------|---------------------------|
| <input type="checkbox"/>            | FLAGGER                   |
| <input checked="" type="checkbox"/> | FLASHING ARROW PANEL      |
| <input type="checkbox"/>            | DIRECTION OF TRAFFIC FLOW |

**JOB NUMBER: J207730**

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UNDER THE AUTHORITY OF

E. GALYAN

P.E. SERIAL NO.: 51526

ON: OCTOBER 1, 2010  
IT IS NOT TO BE USED FOR CONSTRUCTION,  
BIDDING, OR PERMIT PURPOSES.

WAVEMEDIA  
TELECOM, LLC.

**EMERGENCY# 1-713-895-0002**



## TRAFFIC CONTROL PLAN

ON FILE

DATE: 10/26/10

**DRAWING SCALE:**

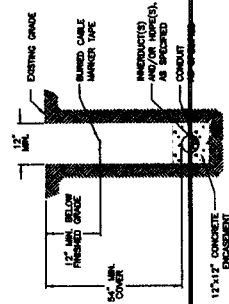
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**TYPICAL DETAIL 'B' INDUSTRY STANDARD**

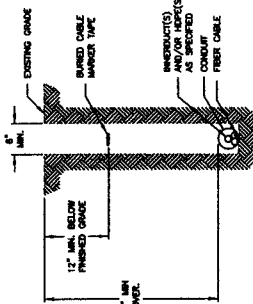
12"x12" CONCRETE ENCASMENT



**NOTE:**  
BAGGAGE MUST BE MADE WITH ROCK FORT MATERIAL

TYPICAL DETAIL "A" INDUSTRY STANDARD

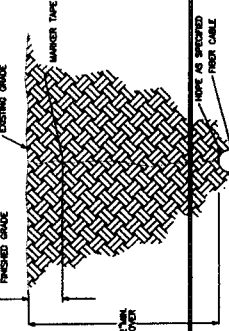
**TRENCH PLACEMENT**  
CONDUIT(S), WIRE(S) OR DIRECT BURIED CABLE



**NOTE:**  
BAGGELL MUST BE MADE WITH ROCK FREE MATERIAL.

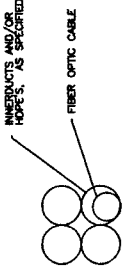
## TYPICAL DETAIL "C" INDUSTRY STANDARD

**BURNED HOPE OR FIBER CABLE**



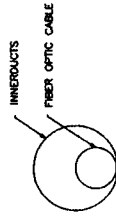
INDUSTRY STANDARD  
TYPICAL DETAIL "D"

CROSS SECTION OF INDUCT(S)  
AND/OR HDPE(S) AS SPECIFIED



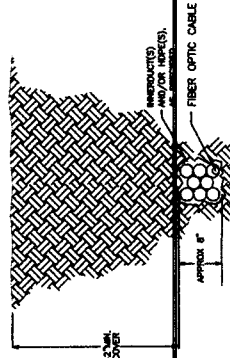
INDUSTRY STANDARD  
TYPICAL DETAIL "E"

HDPE WITH CABLE CROSS SECTION



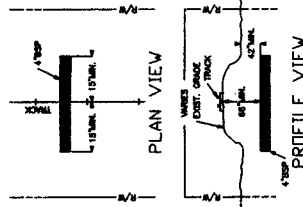
**TYPICAL DETAIL "H" INDUSTRY STANDARD**

**DIRECTIONAL BORE HDPE OR FIBER CABLE**



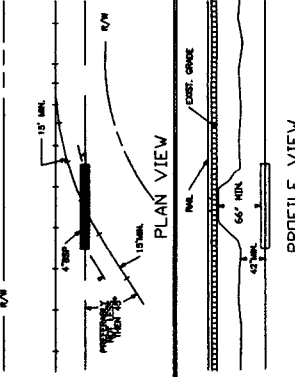
INDUSTRY STANDARD  
TYPICAL DETAIL "E"

THE NEW YORK PUBLIC LIBRARY  
ASTOR LENOX TILDEN FOUNDATIONS  
155 E. 42ND STREET, NEW YORK 17, N.Y.



INDUSTRY STANDARD  
TYPICAL DETAIL "G"

**JACK AND BOB: AUXILIARY TRACK**



PROFILE VIEW

## **DISCLAIMER**

GENERAL NOTES:  
1. ALL KNOWN UNDERGROUND UTILITIES AND OBSTRUCTIONS ARE PRESENT ON DRAWINGS PROVIDED ARE AVAILABLE MAPS AND FIELD ENGINEERING OBSERVATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.

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ON: OCTOBER 1, 2010

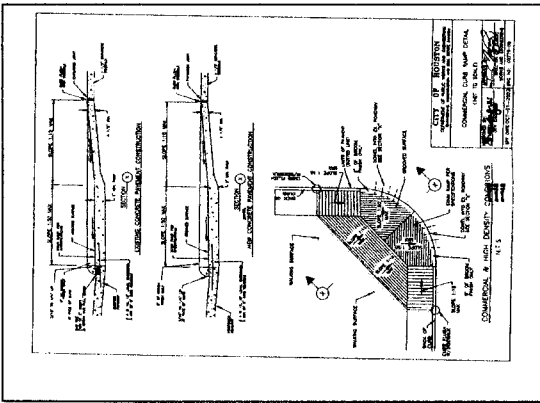
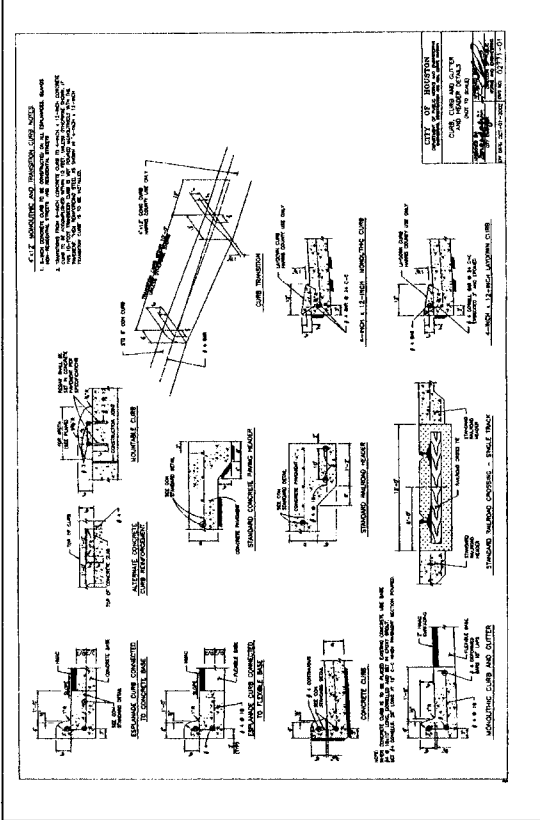
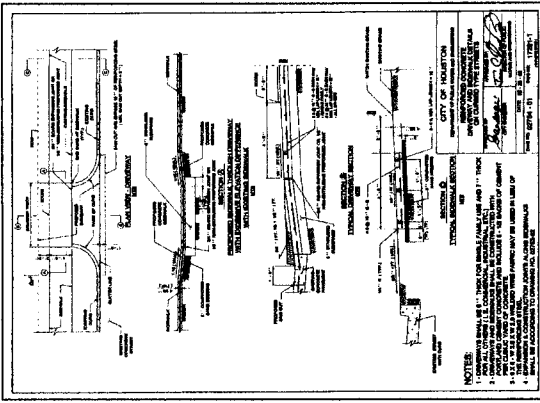
**TEO LLC**

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

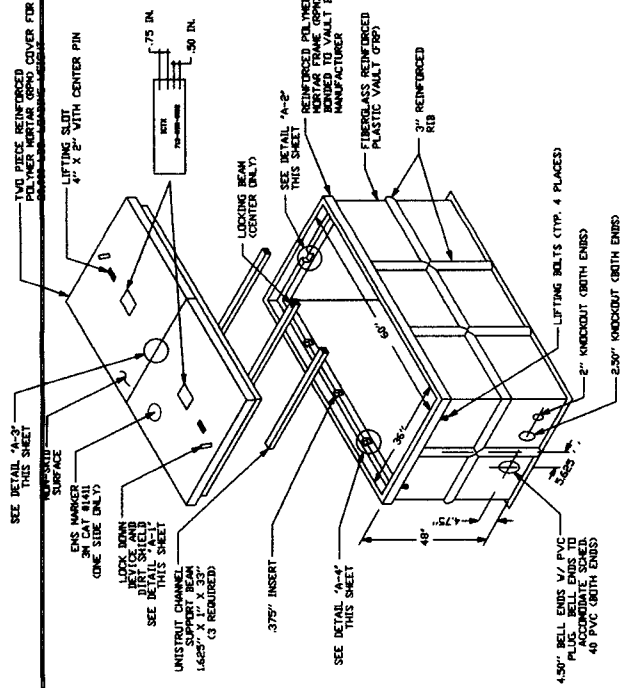
**WAVEMEDIA  
ELECOM, LLC**



## GENERAL CONSTRUCTION DETAILS



DETAIL 'A'  
EXPLODED ISOMETRIC DETAIL



PROFILE

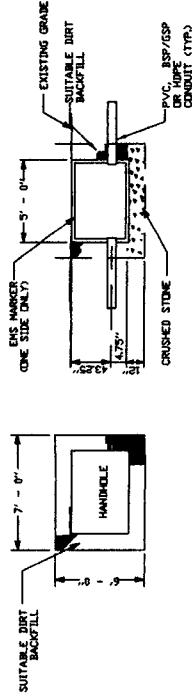


Diagram illustrating a reinforced polymer mortar cover and frame, showing a cross-section of the structure with internal reinforcement and a frame.

Diagram illustrating the components and assembly of a 37% insert (Type A):

- 37% INSERT (TYPE A PLACES)
- 75" X 1.25" HEX BOLT WITH NUT AND WASHER
- COVER MOLD STRIP PLACKET (NOT DIPPED GALV.) (E REQ'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 C75<sup>3</sup> GRADE.
3. SHORING WILL BE REQUIRED.
4. THIS HANDBOLE 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"

**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 TO UNDERGROUND SERVICE ALERT AT 800-4-A-SHIELD AT LEAST 48 HOURS PRIOR TO EXCAVATIONS.
3. CONTRACTORS RESPONSIBLE FOR POTHOLES, LOCATING AND PROSING ALL UNDERGROUND STRUCTURES.

## DESIGNING AN INNOVATION STRATEGY

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E. GALVAN

P.E. SERIAL NO.: 51526

ON: OCTOBER 1, 2010

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## TECHNICAL

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713-668-6334 FAX

FIGM # E-9979  
{60100@gmail.com}

0.650-1 4 MILLIN )

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11 NOV 1963

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## HANDHOLE DETAIL