

**NOTIFICATION OF PROPOSED INSTALLATION AND/OR REPAIRS  
OF TELEPHONE FACILITIES AND DESIGNATING  
PLACEMENT OF UTILITY IN COUNTY RIGHT OF WAY  
TO: THE COUNTY ENGINEER OF BRAZOS COUNTY, TEXAS**

Comes now Comcast of Houston, LLC [company name], hereinafter referred to as "Company" a Texas [state] Corporation, with authority to transact business in Texas, acting by and through its duly authorized representative, and hereby notifies the County Engineer of its intent to lay, construct, maintain, repair and/or operate a telephone facility under, over, across and/or along certain County Roads as shown on drawings and diagrams attached hereto and said location described as follows:

Comcast proposes to install by directional bore a single 2-inch SDR-11 HDPE conduit under the following County Roads within Old Spanish Trail Estates and Benchley Oaks Subdivisions:

Old Spanish Trail – 10 crossings  
Oak Trail – 3 crossings  
Spanish Hill – 2 crossings  
Redbud Drive – 1 crossing

Project includes the installation of 24/48-count fiber optic cable at a minimum depth of 4-feet at all points and a minimum of 5-feet under roadways, along with associated pedestals in the platted subdivision PUE

The location and description of the proposed installation and appurtenances must be fully shown on detailed drawings attached to this Notification.

The Company shall commence actual construction/work in good faith within 60 days from the date of said permit and shall complete said construction /work within 10 working days. (COMPANY MUST FILL IN). If such construction is not begun by the 60th day, Company will be required to provide a new notice.

Company declares that prior to filing this application, it has ascertained the location of all existing utilities, both aerial and underground, and the filing of this application is prima facie evidence that the proposed installation will not conflict with any existing utility.

A copy of this notice shall be kept at the job site any time work is being performed.

In the event of deviation from this notice, the Brazos County Engineer's Office or its designated representative will be notified as soon as practicable.

Approval of County Engineer's Office may take as long as two weeks after complete application is received.

Failure to notify the County Engineer's Office within 24 hours of beginning construction shall constitute grounds for job shutdown.

By signing below, I certify that I am authorized to represent the Company listed below, and that the Company agrees to the conditions/provisions included in this notification.

Comcast of Houston LLC

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Company Name

Justin Valentine

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By:

*Justin Valentine*

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Signature

Planning & Design Manager

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Title

8590 West Tidwell Rd, Houston, Tx, 77040

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Address

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Phone Number 281-889-5413

Email:

- dwenta@quasar.us
- Justin\_Valentine@comcast.com
- shaneitra\_jones@comcast.com
- Ryan\_Hawkins@comcast.com
- kpiszczek@quasar.us

**ACCEPTANCE OF NOTIFICATION**

Brazos County offers no objection to the proposed location of the utility in the County right of way as shown by accompanying drawings and notice dated June 3, 2026 except as noted below:

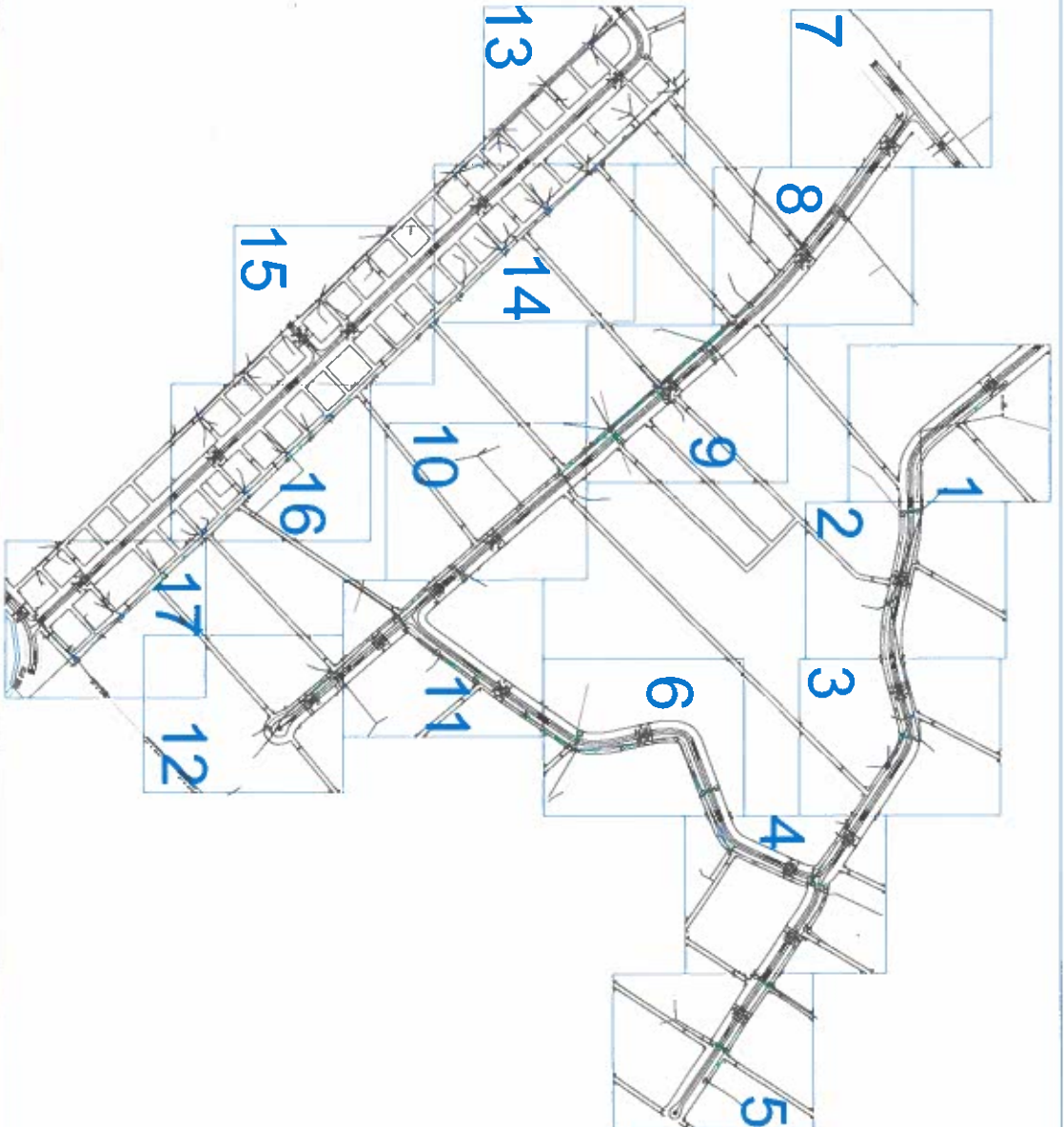
**EXCEPTIONS: Permit is for ROAD BORES ONLY, all other lines, conduits and appurtenances that parallel any roadway MUST be placed within the platted subdivision Public Utility Easement (PUE) of Old Spanish Trail Estates and Benchley Oaks Subdivision**

*FDR*



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Brazos County Engineer



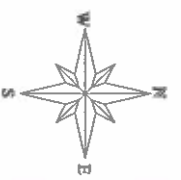


PREPARED BY:



COMCAST IS BORING AND INSTALLING NEW CONDUIT WITHIN THE RIGHT-OF-WAY AND UTILITY EASMENT OWNED BY THE BRAZOS COUNTY. TOTAL: 14473ft

ENGINEERED FOR:

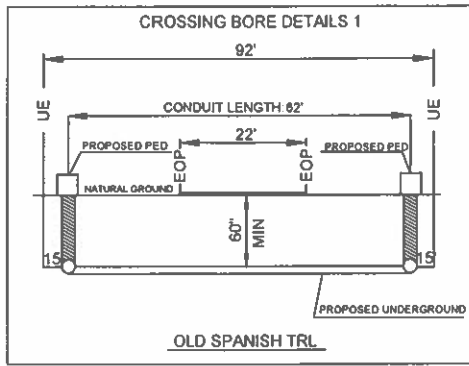


NO SCALE





NO MATCH SHEET



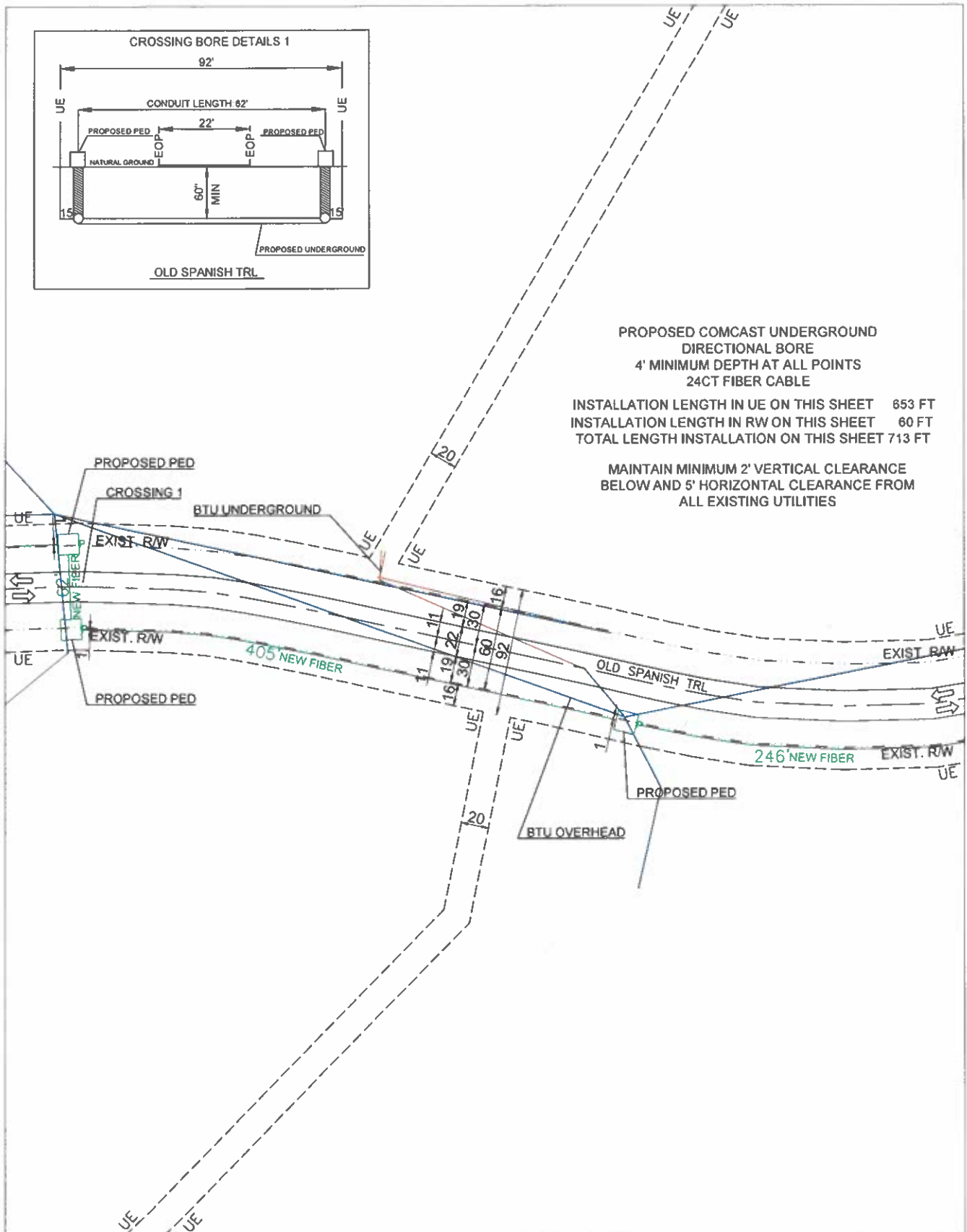
PROPOSED COMCAST UNDERGROUND  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 24CT FIBER CABLE

INSTALLATION LENGTH IN UE ON THIS SHEET 853 FT  
 INSTALLATION LENGTH IN RW ON THIS SHEET 60 FT  
 TOTAL LENGTH INSTALLATION ON THIS SHEET 713 FT

MAINTAIN MINIMUM 2' VERTICAL CLEARANCE  
 BELOW AND 5' HORIZONTAL CLEARANCE FROM  
 ALL EXISTING UTILITIES

MATCH SHEET 1

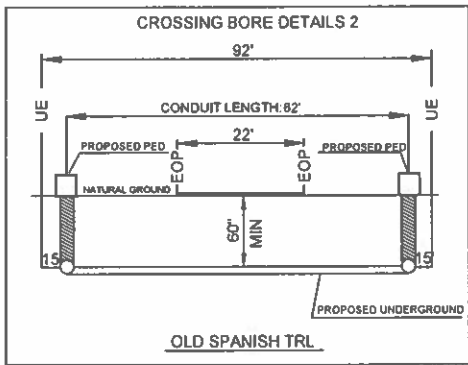
MATCH SHEET 3



NO MATCH SHEET

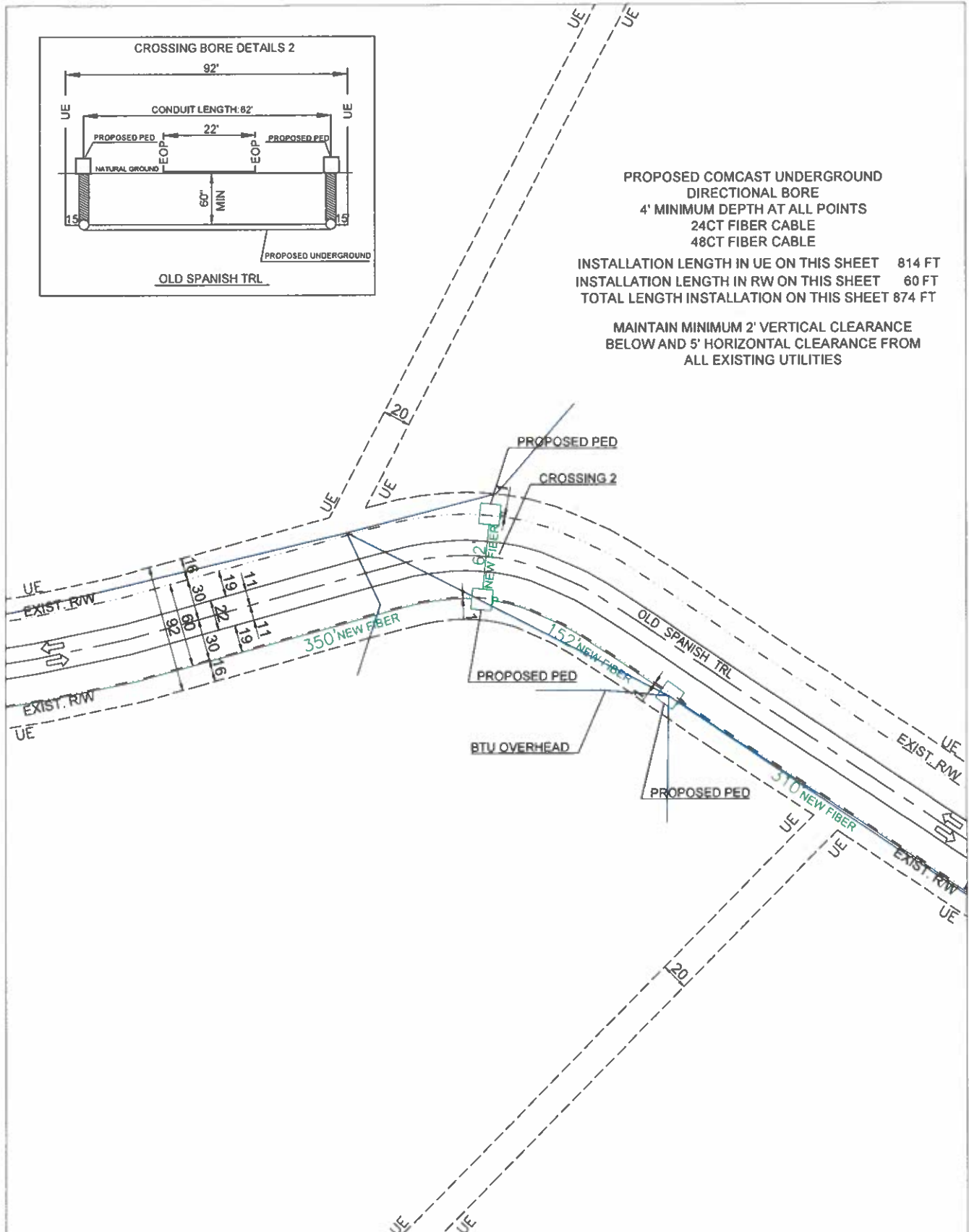
PREPARED BY:  	EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE UTILITY EASEMENT TELCO LINE WATER LINE GAS LINE BTU UNDERGROUND BTU OVERHEAD	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR  	BRAZOS COUNTY OLD SPANISH TRL TRANSPORT FIBER
	LEGEND RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SGOODED	NO SCALE SHEET 2 OF 17			

NO MATCH SHEET



PROPOSED COMCAST UNDERGROUND  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 24CT FIBER CABLE  
 48CT FIBER CABLE  
 INSTALLATION LENGTH IN UE ON THIS SHEET 814 FT  
 INSTALLATION LENGTH IN RW ON THIS SHEET 60 FT  
 TOTAL LENGTH INSTALLATION ON THIS SHEET 874 FT  
 MAINTAIN MINIMUM 2' VERTICAL CLEARANCE  
 BELOW AND 5' HORIZONTAL CLEARANCE FROM  
 ALL EXISTING UTILITIES

MATCH SHEET 2

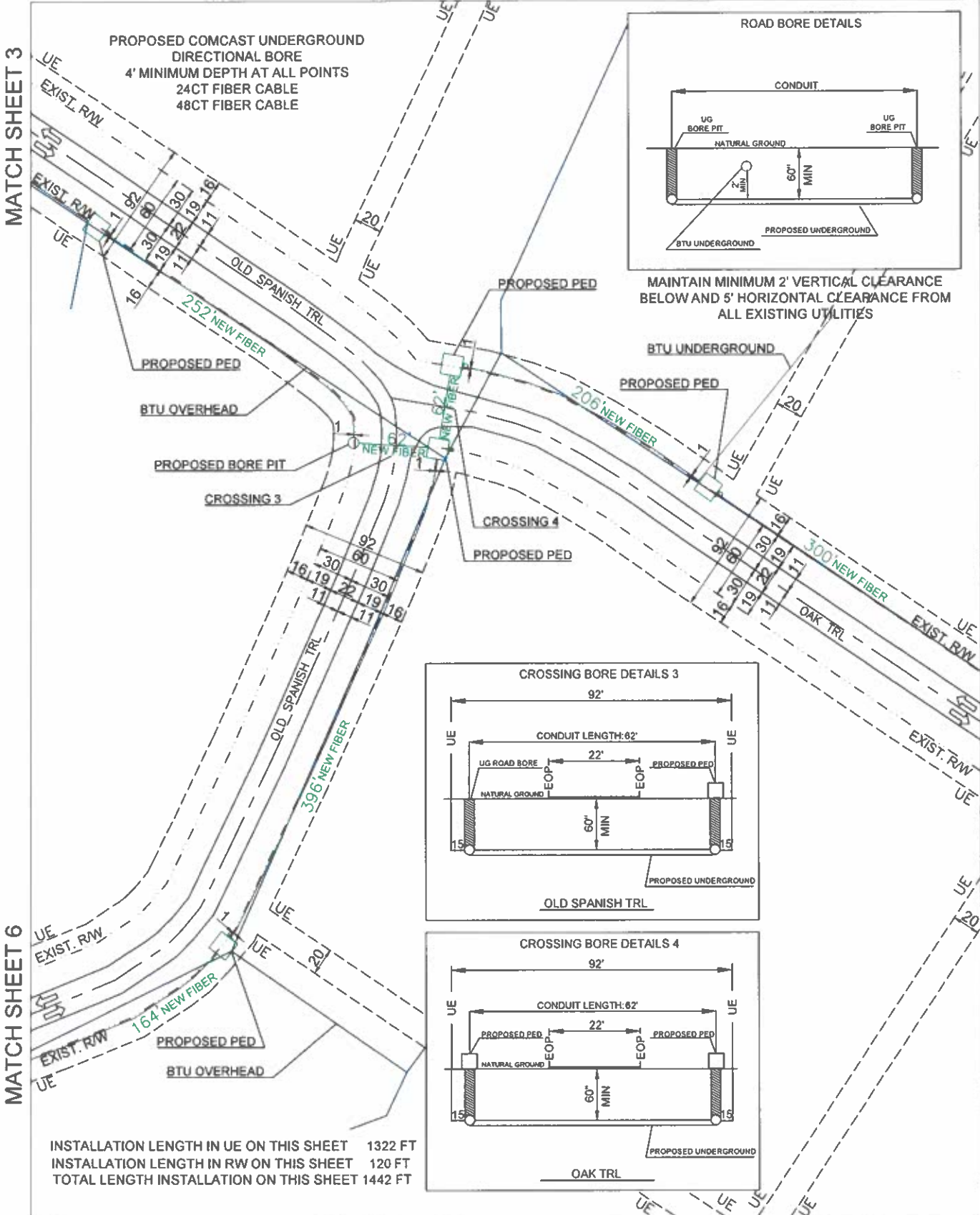


MATCH SHEET 4

NO MATCH SHEET

PREPARED BY  	EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE UTILITY EASMENT TELCO LINE WATER LINE GAS LINE BTU UNDERGROUND BTU OVERHEAD	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR  	BRAZOS COUNTY OLD SPANISH TRL TRANSPORT FIBER
	LEGEND RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOODED	NO SCALE SHEET 3 OF 17			

NO MATCH SHEET



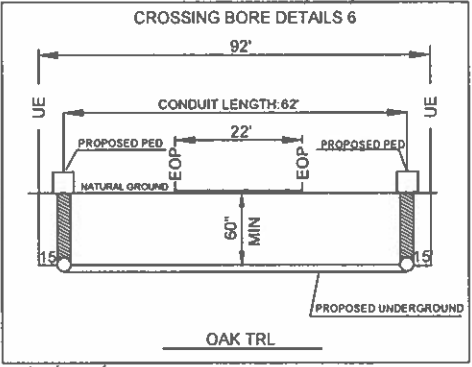
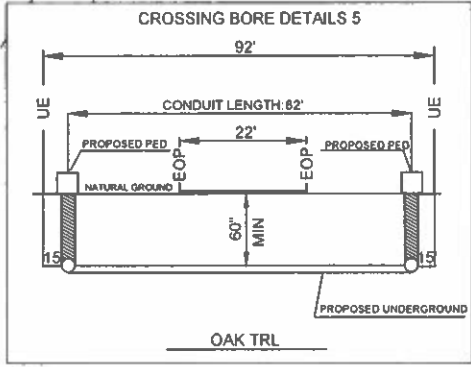
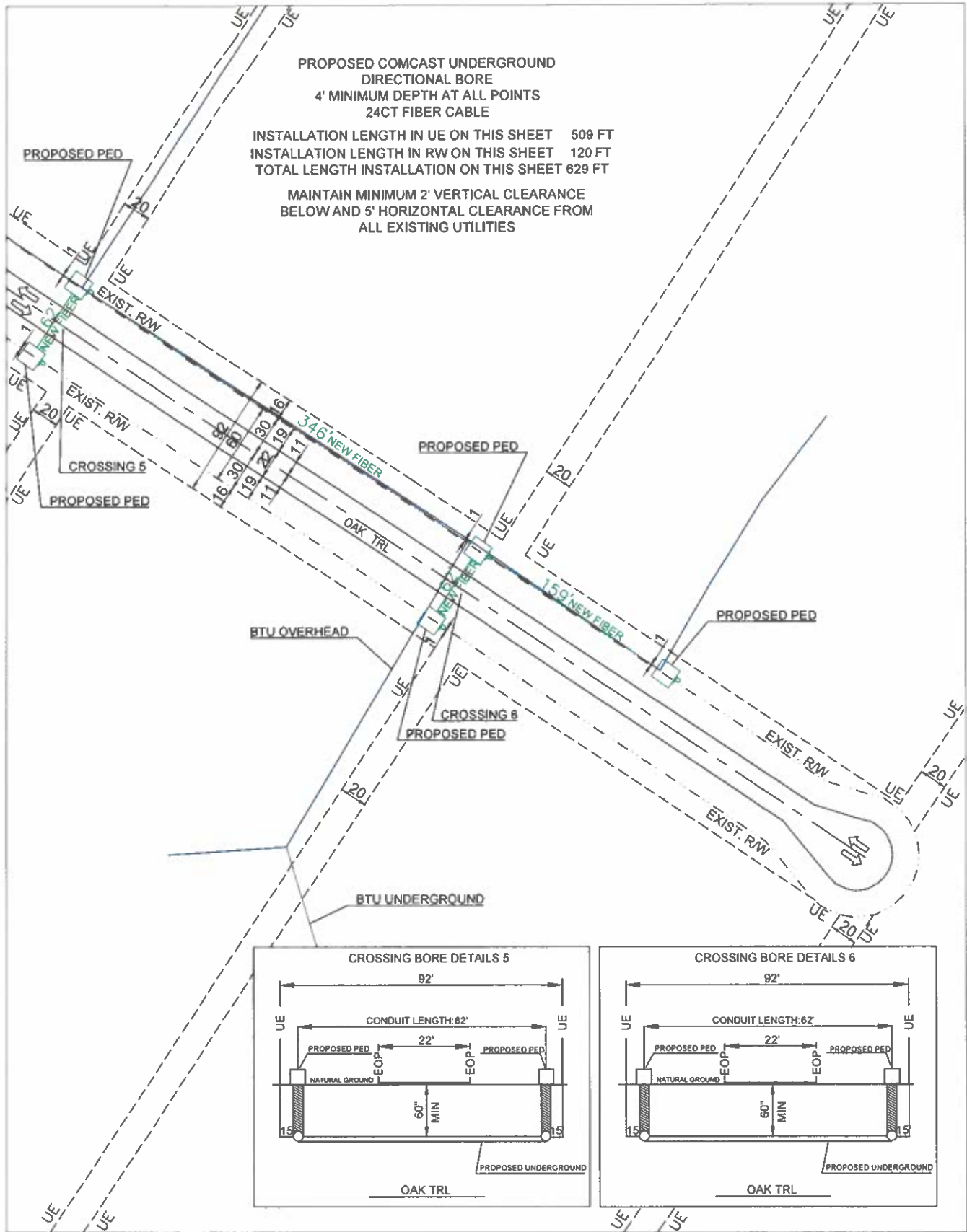
NO MATCH SHEET

PREPARED BY:  	EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	--- RIGHT OF WAY LINE --- UTILITY EASEMENT --- TELCO LINE --- WATER LINE --- GAS LINE --- BTU UNDERGROUND --- BTU OVERHEAD --- LEGEND RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	--- PROPOSED COAXIAL CABLE --- PROPOSED FIBER CABLE --- PROPOSED DIRECTIONAL BORE --- EXISTING CABLE		ENGINEERED FOR:  	BRAZOS COUNTY OLD SPANISH TRL OAK TRL TRANSPORT FIBER
	NOTES: BORE HOLE TO BE FILLED SAME DAY VALVE HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND BODDED		NO SCALE SHEET 4 OF 17			

NO MATCH SHEET

MATCH SHEET 4

NO MATCH SHEET



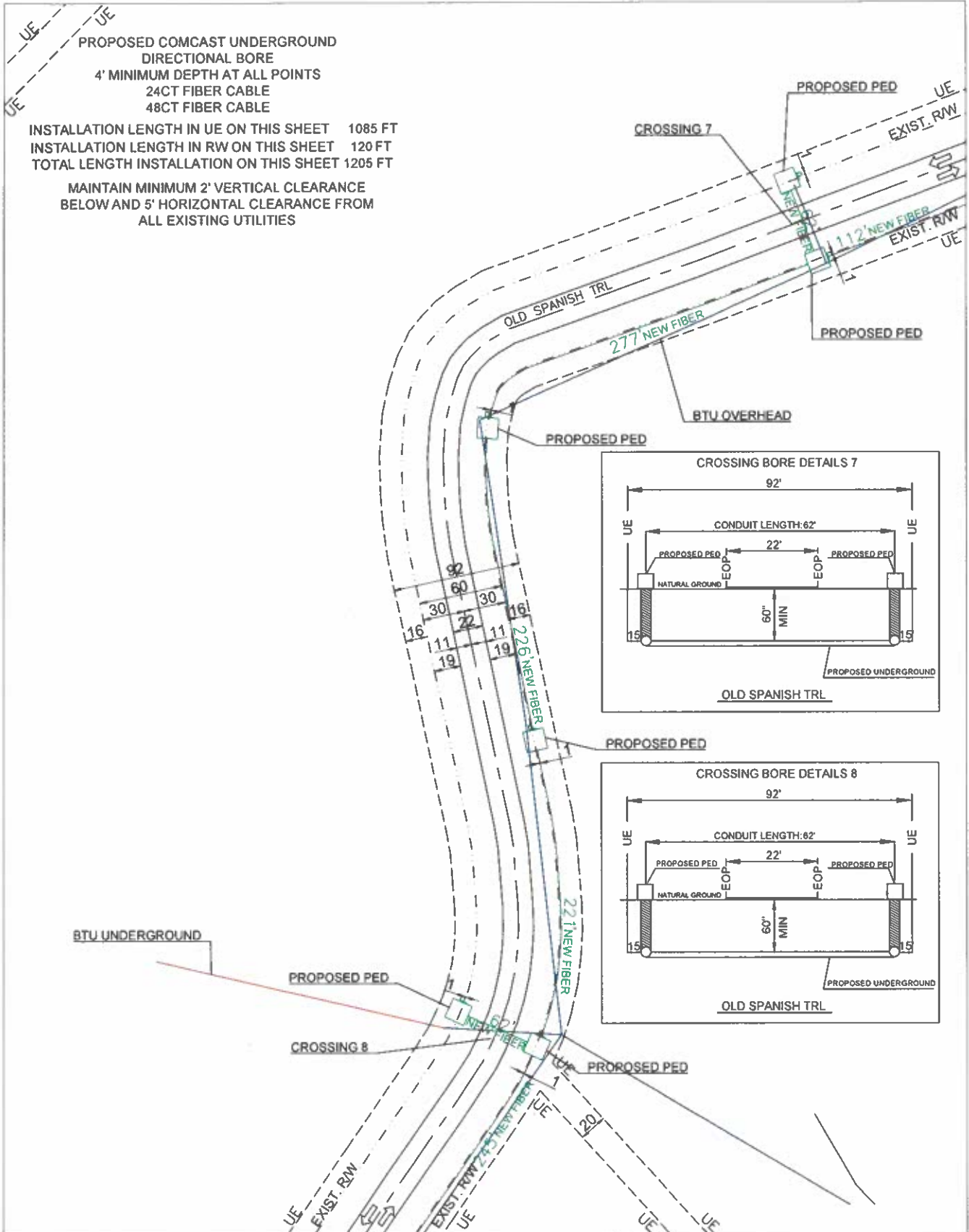
NO MATCH SHEET

PREPARED BY  	EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	--- RIGHT OF WAY LINE --- UTILITY EASMENT --- TELCO LINE --- WATER LINE --- GAS LINE --- BTU UNDERGROUND --- BTU OVERHEAD --- LEGEND RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	--- PROPOSED COAXIAL CABLE --- PROPOSED FIBER CABLE --- PROPOSED DIRECTIONAL BORE --- EXISTING CABLE		ENGINEERED FOR  	BRAZOS COUNTY  OAK TRL  TRANSPORT FIBER
	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOCCED	NO SCALE SHEET 9 OF 17				

NO MATCH SHEET

MATCH SHEET 4

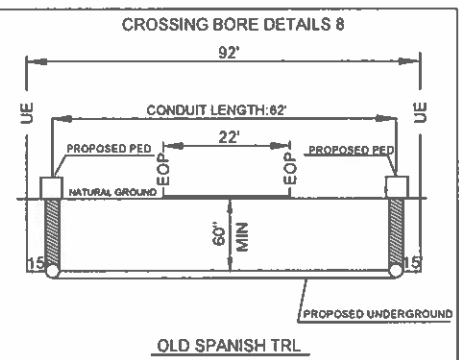
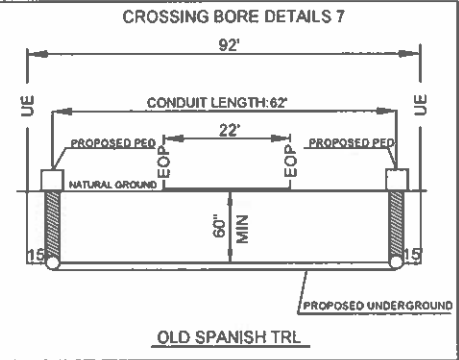
NO MATCH SHEET



PROPOSED COMCAST UNDERGROUND  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 24CT FIBER CABLE  
 48CT FIBER CABLE

INSTALLATION LENGTH IN UE ON THIS SHEET 1085 FT  
 INSTALLATION LENGTH IN RW ON THIS SHEET 120 FT  
 TOTAL LENGTH INSTALLATION ON THIS SHEET 1205 FT

MAINTAIN MINIMUM 2' VERTICAL CLEARANCE  
 BELOW AND 5' HORIZONTAL CLEARANCE FROM  
 ALL EXISTING UTILITIES



MATCH SHEET 11

PREPARED BY:  	EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE UTILITY EASEMENT TELCO LINE WATER LINE GAS LINE BTU UNDERGROUND BTU OVERHEAD	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR  	BRAZOS COUNTY OLD SPANISH TRL TRANSPORT FIBER
	LEGEND RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VALVE HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOODED	NO SCALE SHEET 8 OF 17			

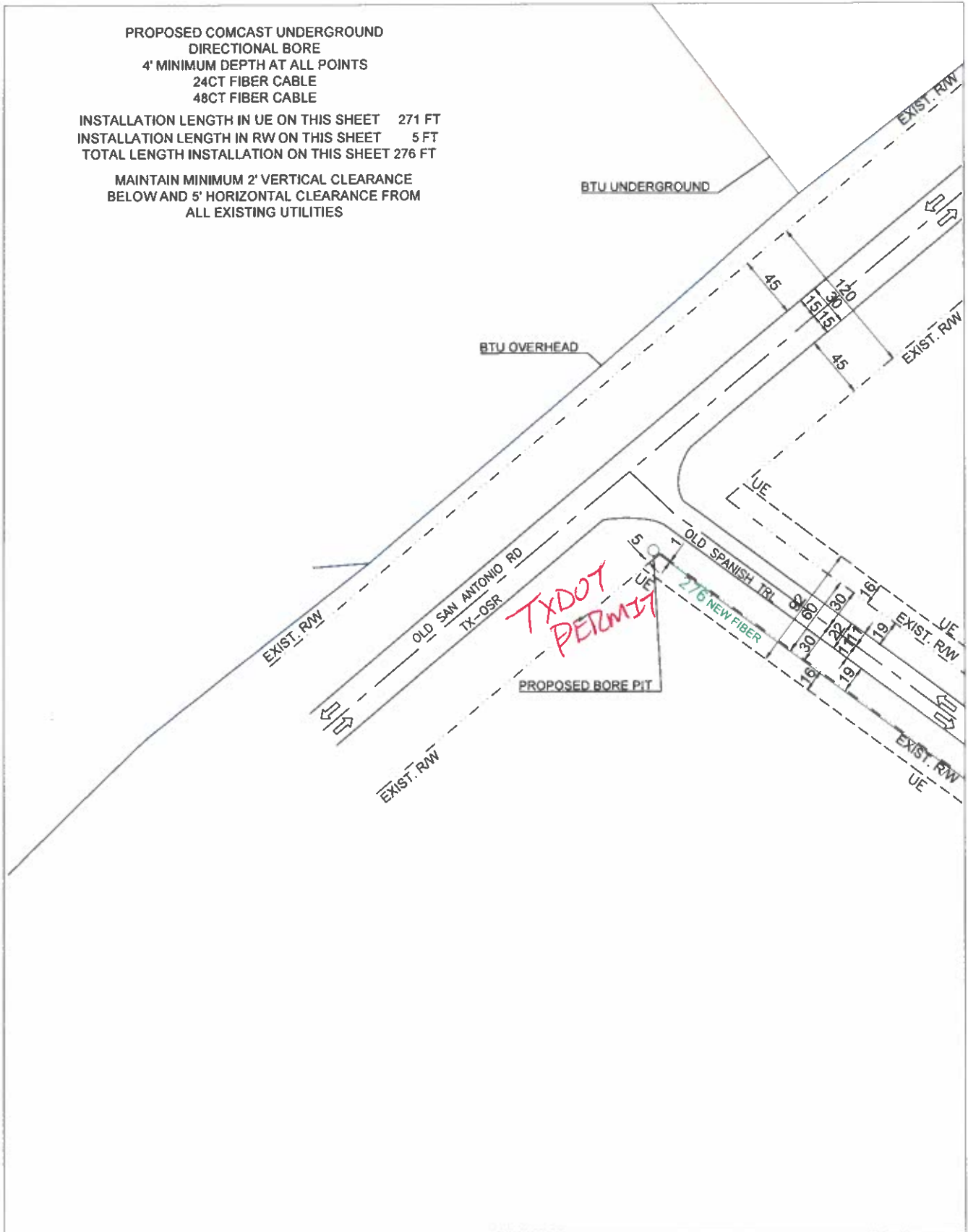
NO MATCH SHEET

PROPOSED COMCAST UNDERGROUND  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 24CT FIBER CABLE  
 48CT FIBER CABLE

INSTALLATION LENGTH IN UE ON THIS SHEET 271 FT  
 INSTALLATION LENGTH IN RW ON THIS SHEET 5 FT  
 TOTAL LENGTH INSTALLATION ON THIS SHEET 276 FT

MAINTAIN MINIMUM 2' VERTICAL CLEARANCE  
 BELOW AND 5' HORIZONTAL CLEARANCE FROM  
 ALL EXISTING UTILITIES

NO MATCH SHEET

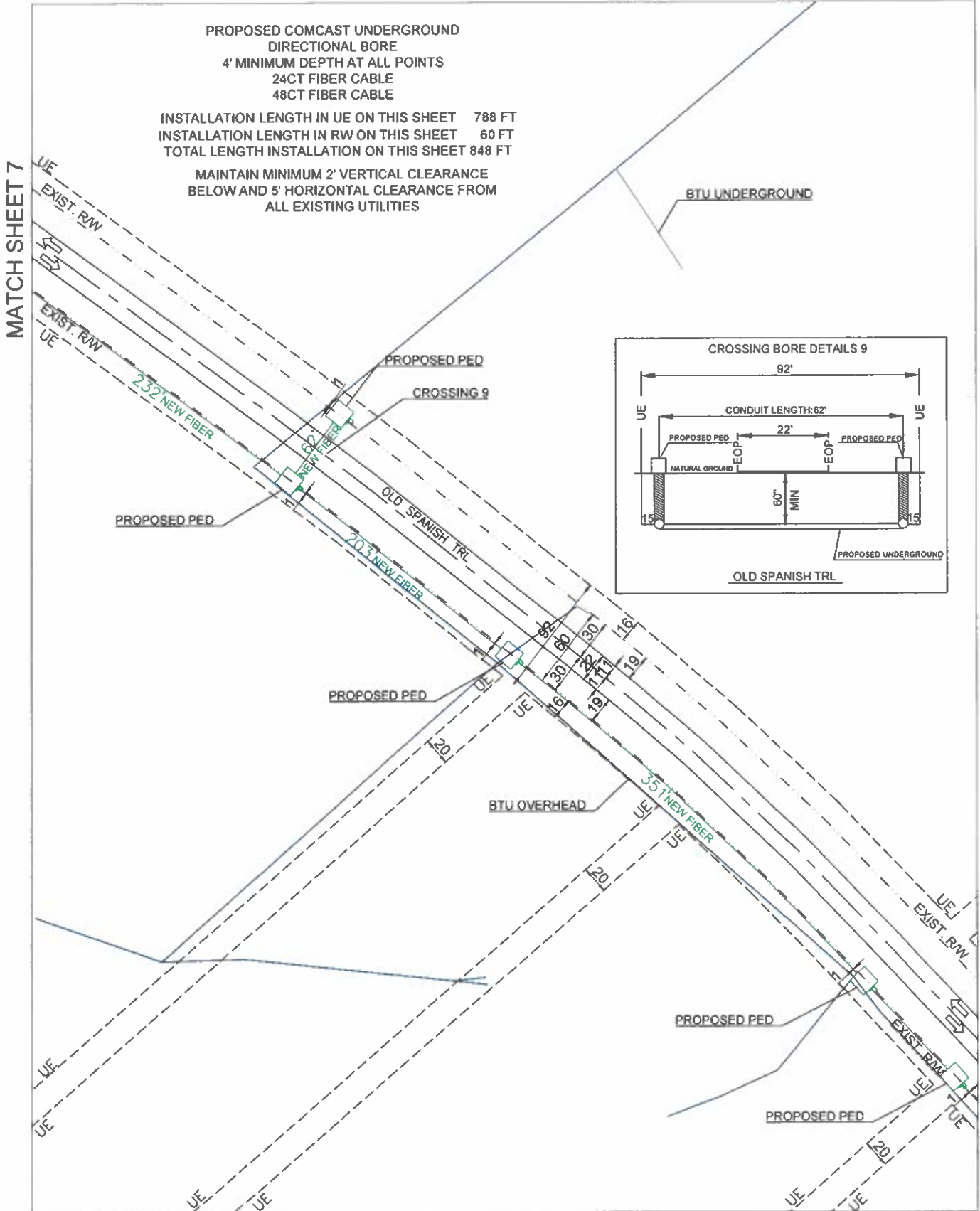


MATCH SHEET 8

NO MATCH SHEET

PREPARED BY  	EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE UTILITY EASEMENT TELCO LINE WATER LINE GAS LINE BTU UNDERGROUND BTU OVERHEAD	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR  	BRAZOS COUNTY OLD SPANISH TRL TRANSPORT FIBER
	LEGEND RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SCAFFOLD	NO SCALE SHEET 7 OF 17			

NO MATCH SHEET

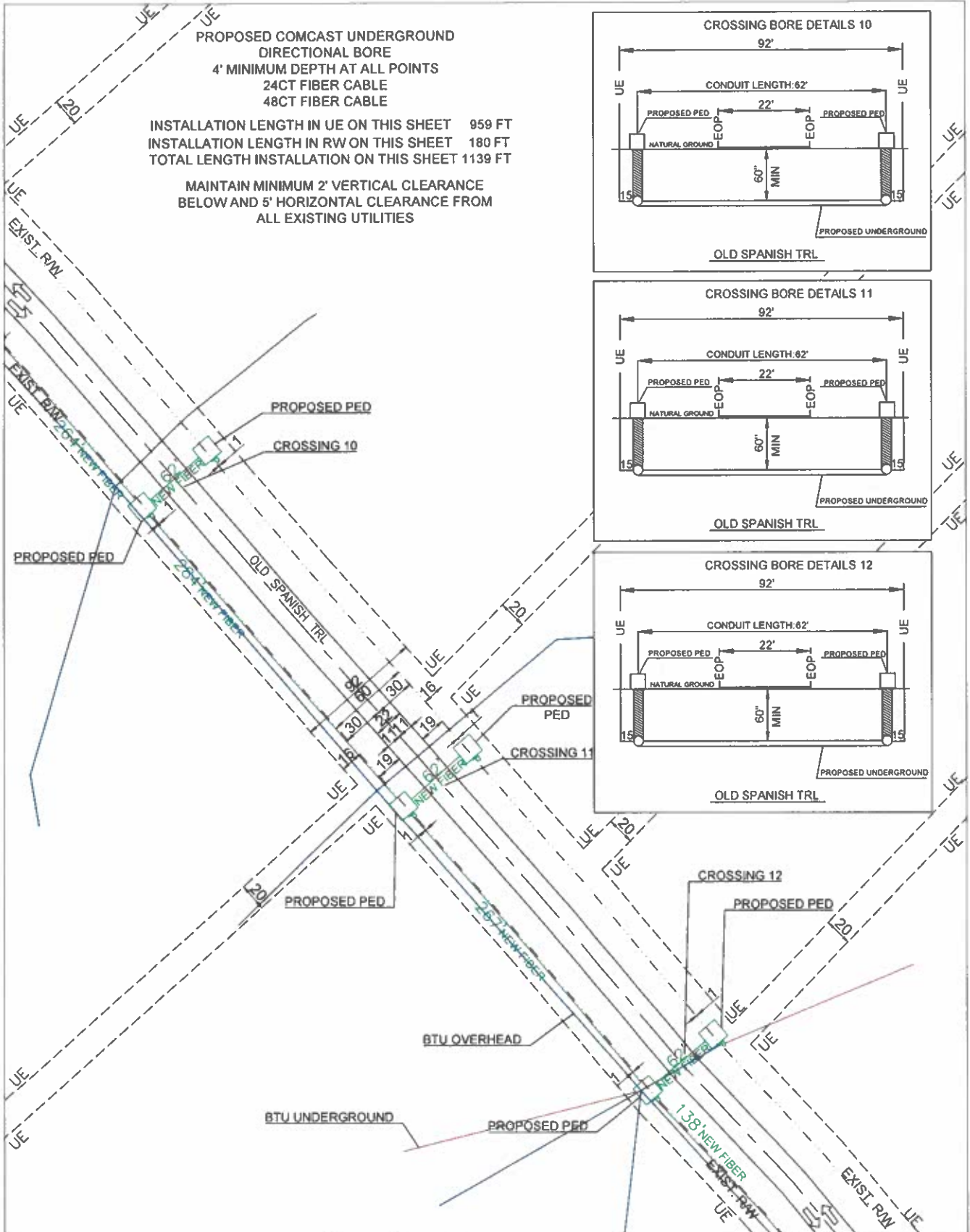


NO MATCH SHEET

<p>PREPARED BY</p> <p>QUASAR, INC.</p>	<p>EXISTING POLE</p> <p>PROPOSED PEDESTAL</p> <p>WATER VALVE</p> <p>FIBER MARKER</p> <p>GAS MARKER</p> <p>MANHOLE</p> <p>SEWER MANHOLE</p> <p>STORM DRAIN</p>	<p>RIGHT OF WAY LINE</p> <p>UTILITY EASEMENT</p> <p>TELCO LINE</p> <p>WATER LINE</p> <p>GAS LINE</p> <p>BTU UNDERGROUND</p> <p>BTU OVERHEAD</p>	<p>PROPOSED COAXIAL CABLE</p> <p>PROPOSED FIBER CABLE</p> <p>PROPOSED DIRECTIONAL BORE</p> <p>EXISTING CABLE</p>		<p>ENGINEERED FOR</p> <p>COMCAST</p>	<p>BRAZOS COUNTY</p> <p>OLD SPANISH TRL</p> <p>TRANSPORT FIBER</p>
	<p>LEGEND</p> <p>RW - RIGHT OF WAY</p> <p>EOP - EDGE OF PAVEMENT</p> <p>DW - DRIVEWAY</p> <p>PDW - PAVED DRIVEWAY</p>	<p>NOTES</p> <p>BORE HOLE TO BE FILLED SAME DAY</p> <p>VAULT HOLE TO BE FILLED SAME DAY</p> <p>ALL HOLE TO BE TAMPED AND SODDED</p>	<p>NO SCALE</p> <p>SHEET 8 OF 17</p>			

NO MATCH SHEET

MATCH SHEET 8

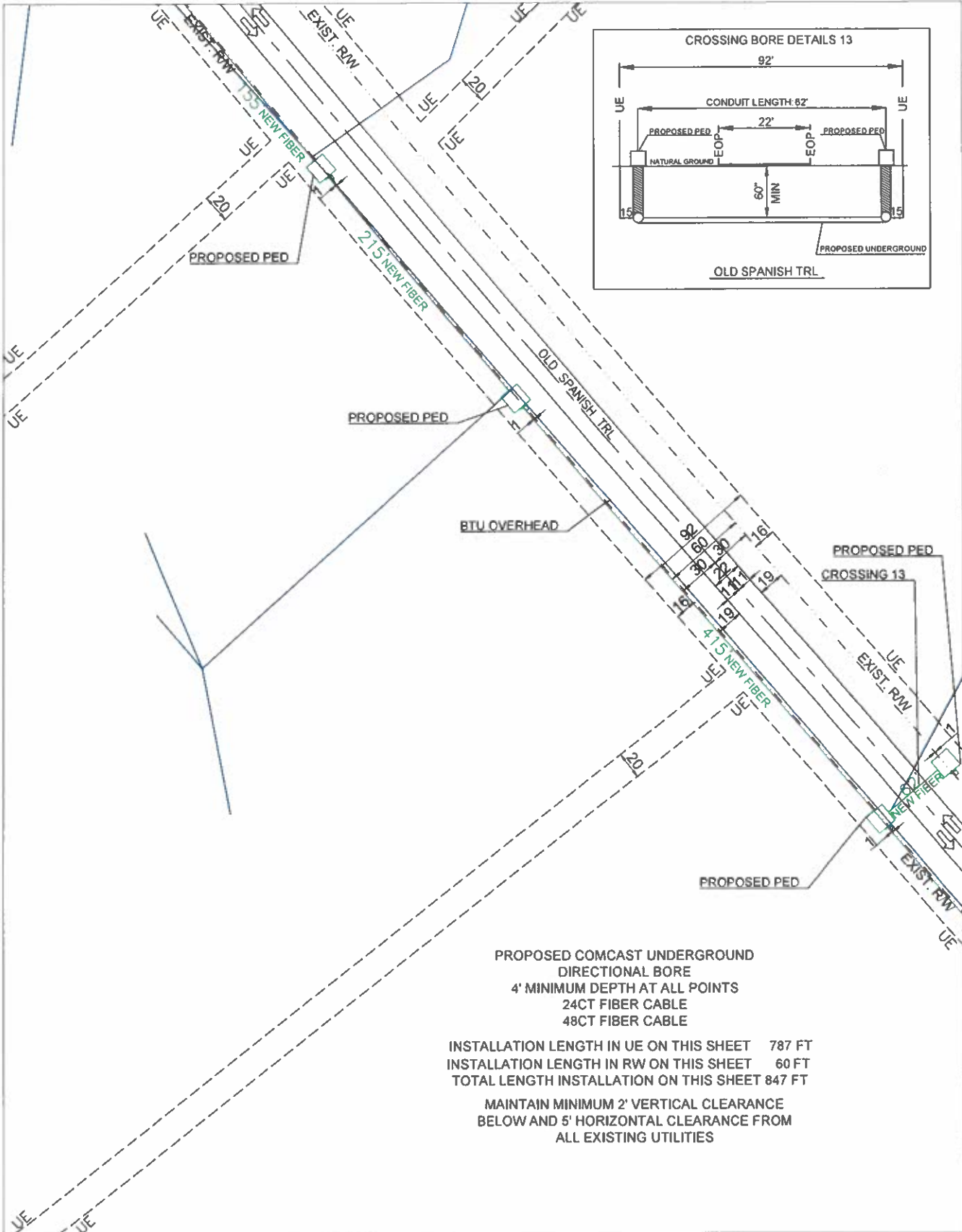


NO MATCH SHEET

MATCH SHEET 10

<p>PREPARED BY:</p> <p>QUASAR, INC.</p>	<p>EXISTING POLE</p> <p>PROPOSED PEDESTAL</p> <p>WATER VALVE</p> <p>FIBER MARKER</p> <p>GAS MARKER</p> <p>MANHOLE</p> <p>SEWER MANHOLE</p> <p>STORM DRAIN</p>	<p>RIGHT OF WAY LINE</p> <p>UTILITY EASEMENT</p> <p>TELCO LINE</p> <p>WATER LINE</p> <p>GAS LINE</p> <p>BTU UNDERGROUND</p> <p>BTU OVERHEAD</p>	<p>PROPOSED COAXIAL CABLE</p> <p>PROPOSED FIBER CABLE</p> <p>PROPOSED DIRECTIONAL BORE</p> <p>EXISTING CABLE</p>		<p>ENGINEERED FOR</p> <p>COMCAST</p>	<p>BRAZOS COUNTY</p> <p>OLD SPANISH TRL</p> <p>TRANSPORT FIBER</p>
	<p>LEGEND:</p> <p>RW - RIGHT OF WAY</p> <p>EOP - EDGE OF PAVEMENT</p> <p>DW - DRIVEWAY</p> <p>PDW - PAVED DRIVEWAY</p>	<p>NOTES:</p> <p>BORE HOLE TO BE FILLED SAME DAY</p> <p>VAULT HOLE TO BE FILLED SAME DAY</p> <p>ALL HOLE TO BE TAMPED AND SODDED</p>	<p>NO SCALE</p> <p>SHEET # OF 17</p>			

MATCH SHEET 9



NO MATCH SHEET

MATCH SHEET 11

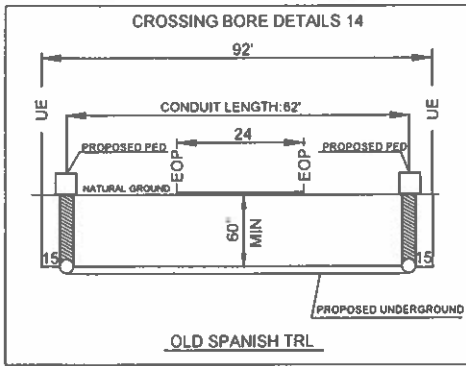
PROPOSED COMCAST UNDERGROUND  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 24CT FIBER CABLE  
 48CT FIBER CABLE

INSTALLATION LENGTH IN UE ON THIS SHEET 787 FT  
 INSTALLATION LENGTH IN RW ON THIS SHEET 60 FT  
 TOTAL LENGTH INSTALLATION ON THIS SHEET 847 FT

MAINTAIN MINIMUM 2' VERTICAL CLEARANCE  
 BELOW AND 5' HORIZONTAL CLEARANCE FROM  
 ALL EXISTING UTILITIES

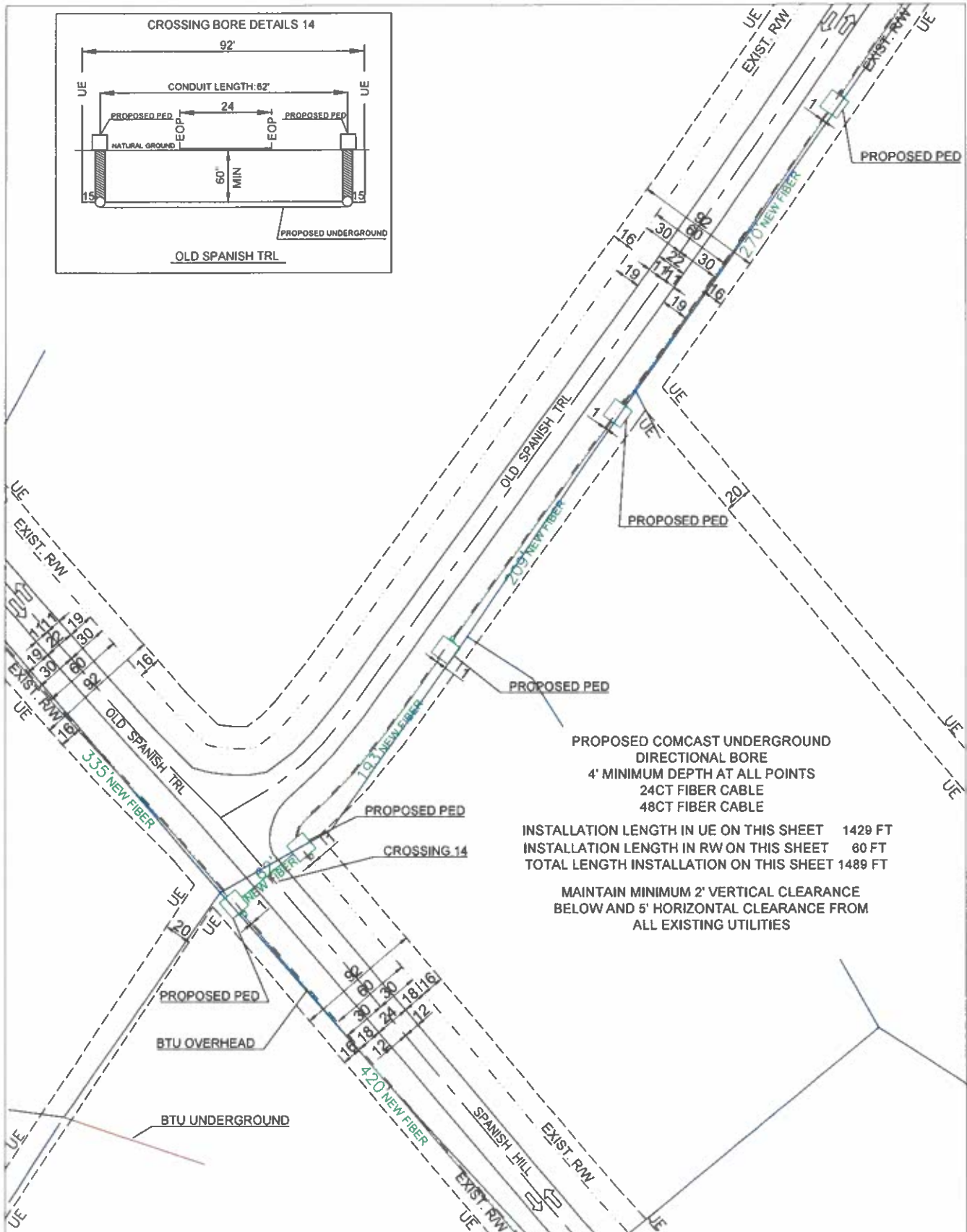
NO MATCH SHEET

PREPARED BY  	EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE UTILITY EASMENT TELCO LINE WATER LINE GAS LINE BTU UNDERGROUND BTU OVERHEAD	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR  	BRAZOS COUNTY OLD SPANISH TRL TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND BODDED	NO SCALE SHEET 10 OF 17			



MATCH SHEET 10

NO MATCH SHEET



PROPOSED COMCAST UNDERGROUND  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 24CT FIBER CABLE  
 48CT FIBER CABLE

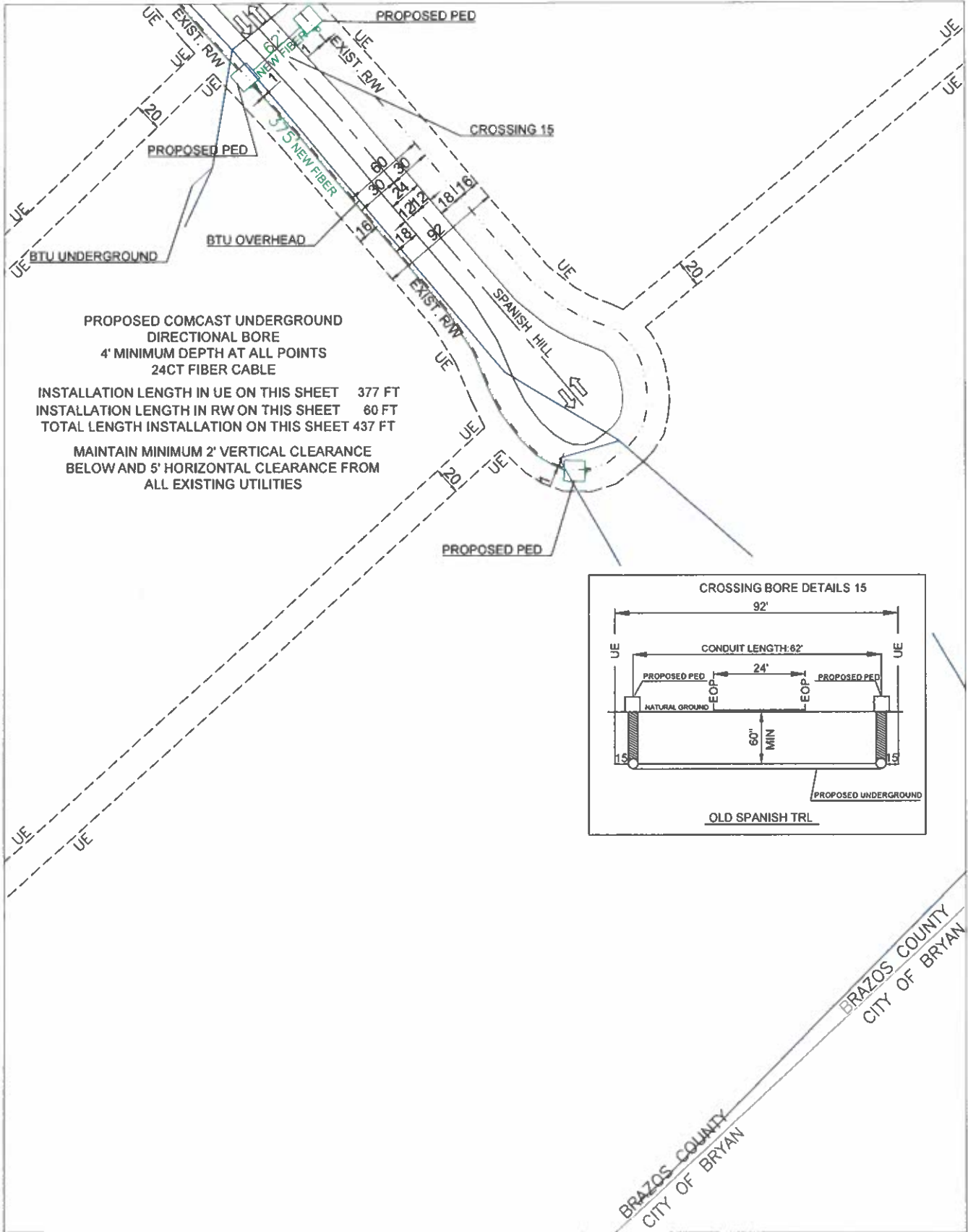
INSTALLATION LENGTH IN UE ON THIS SHEET 1429 FT  
 INSTALLATION LENGTH IN RW ON THIS SHEET 60 FT  
 TOTAL LENGTH INSTALLATION ON THIS SHEET 1489 FT

MAINTAIN MINIMUM 2' VERTICAL CLEARANCE  
 BELOW AND 5' HORIZONTAL CLEARANCE FROM  
 ALL EXISTING UTILITIES

MATCH SHEET 12

PREPARED BY  	EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE UTILITY EASEMENT TELCO LINE WATER LINE GAS LINE BTU UNDERGROUND BTU OVERHEAD	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR  	BRAZOS COUNTY OLD SPANISH TRL SPANISH HILL TRANSPORT FIBER
	LEGEND RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOCCED	NO SCALE SHEET 11 OF 17			

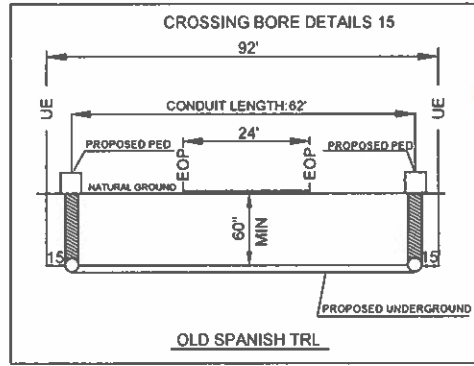
MATCH SHEET 11



PROPOSED COMCAST UNDERGROUND  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 24CT FIBER CABLE

INSTALLATION LENGTH IN UE ON THIS SHEET 377 FT  
 INSTALLATION LENGTH IN RW ON THIS SHEET 80 FT  
 TOTAL LENGTH INSTALLATION ON THIS SHEET 437 FT

MAINTAIN MINIMUM 2' VERTICAL CLEARANCE  
 BELOW AND 5' HORIZONTAL CLEARANCE FROM  
 ALL EXISTING UTILITIES



NO MATCH SHEET

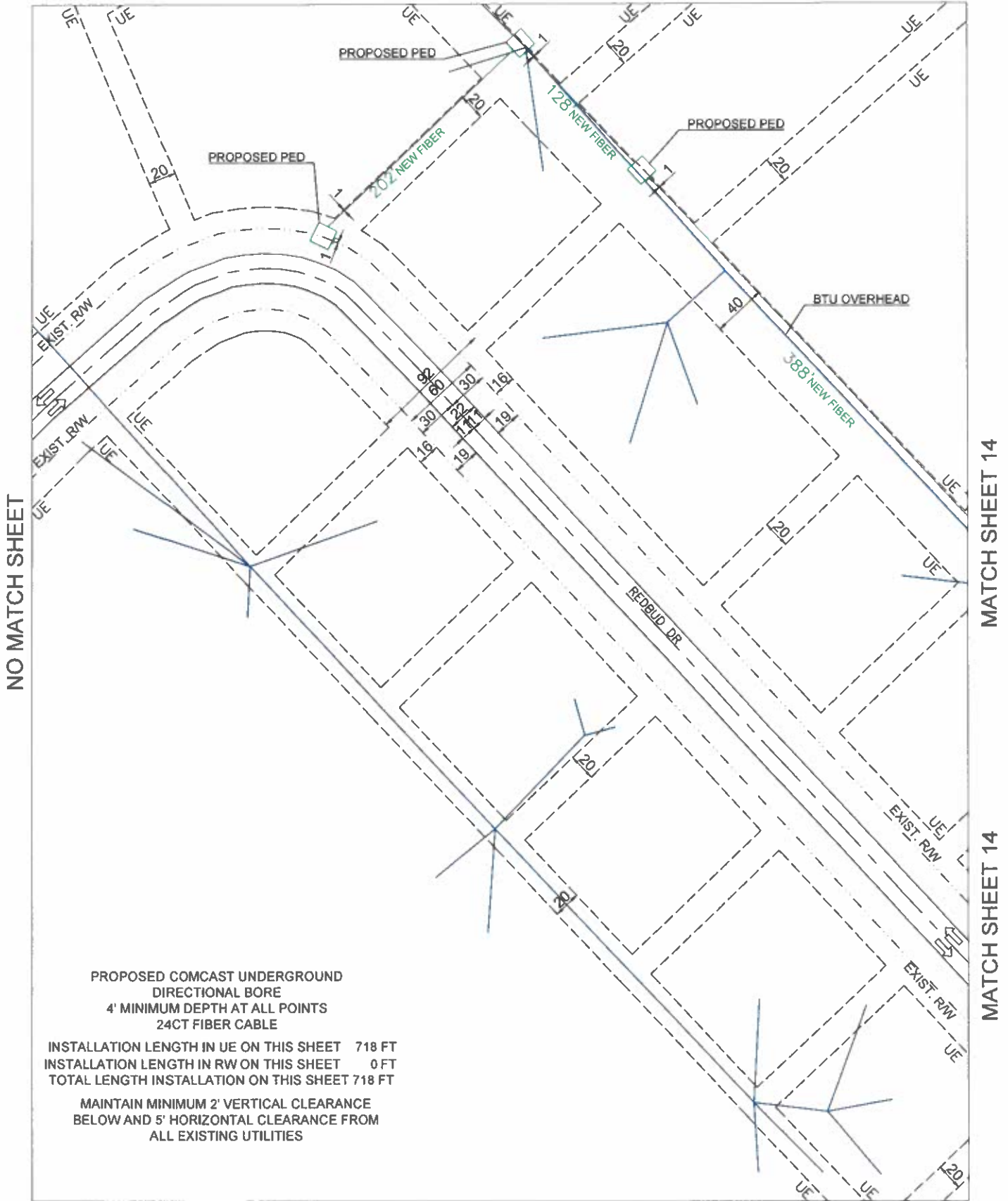
NO MATCH SHEET

BRAZOS COUNTY  
 CITY OF BRYAN

MATCH SHEET 17

PREPARED BY: 	EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE UTILITY EASEMENT TELCO LINE WATER LINE GAS LINE BTU UNDERGROUND BTU OVERHEAD	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR 	BRAZOS COUNTY SPANISH HILL TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED	NO SCALE SHEET 12 OF 17			

NO MATCH SHEET



NO MATCH SHEET

MATCH SHEET 14

MATCH SHEET 14

PROPOSED COMCAST UNDERGROUND  
DIRECTIONAL BORE  
4' MINIMUM DEPTH AT ALL POINTS  
24CT FIBER CABLE

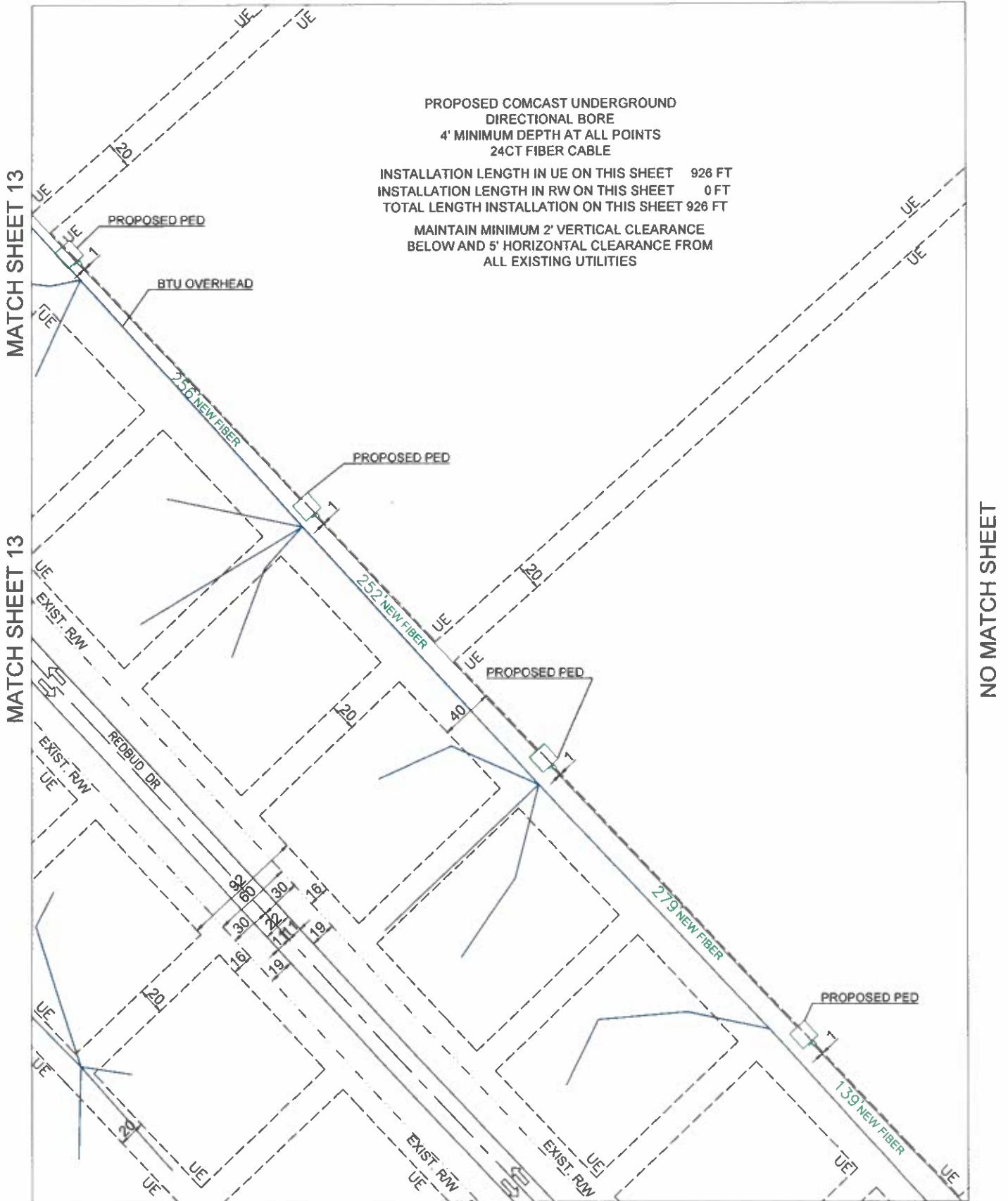
INSTALLATION LENGTH IN UE ON THIS SHEET 718 FT  
INSTALLATION LENGTH IN RW ON THIS SHEET 0 FT  
TOTAL LENGTH INSTALLATION ON THIS SHEET 718 FT

MAINTAIN MINIMUM 2' VERTICAL CLEARANCE  
BELOW AND 5' HORIZONTAL CLEARANCE FROM  
ALL EXISTING UTILITIES

NO MATCH SHEET

PREPARED BY  	EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	--- RIGHT OF WAY LINE --- UTILITY EASEMENT --- TELCO LINE --- WATER LINE --- GAS LINE --- BTU UNDERGROUND --- BTU OVERHEAD --- LEGEND RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	--- PROPOSED COAXIAL CABLE --- PROPOSED FIBER CABLE --- PROPOSED DIRECTIONAL BORE --- EXISTING CABLE		ENGINEERED FOR  	BRAZOS COUNTY  REDBUD DR  TRANSPORT FIBER
	NOTES BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOOCCED				NO SCALE SHEET 13 OF 17	

NO MATCH SHEET



PROPOSED COMCAST UNDERGROUND  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 24CT FIBER CABLE

INSTALLATION LENGTH IN UE ON THIS SHEET 926 FT  
 INSTALLATION LENGTH IN RW ON THIS SHEET 0 FT  
 TOTAL LENGTH INSTALLATION ON THIS SHEET 926 FT

MAINTAIN MINIMUM 2' VERTICAL CLEARANCE  
 BELOW AND 5' HORIZONTAL CLEARANCE FROM  
 ALL EXISTING UTILITIES

NO MATCH SHEET

MATCH SHEET 15

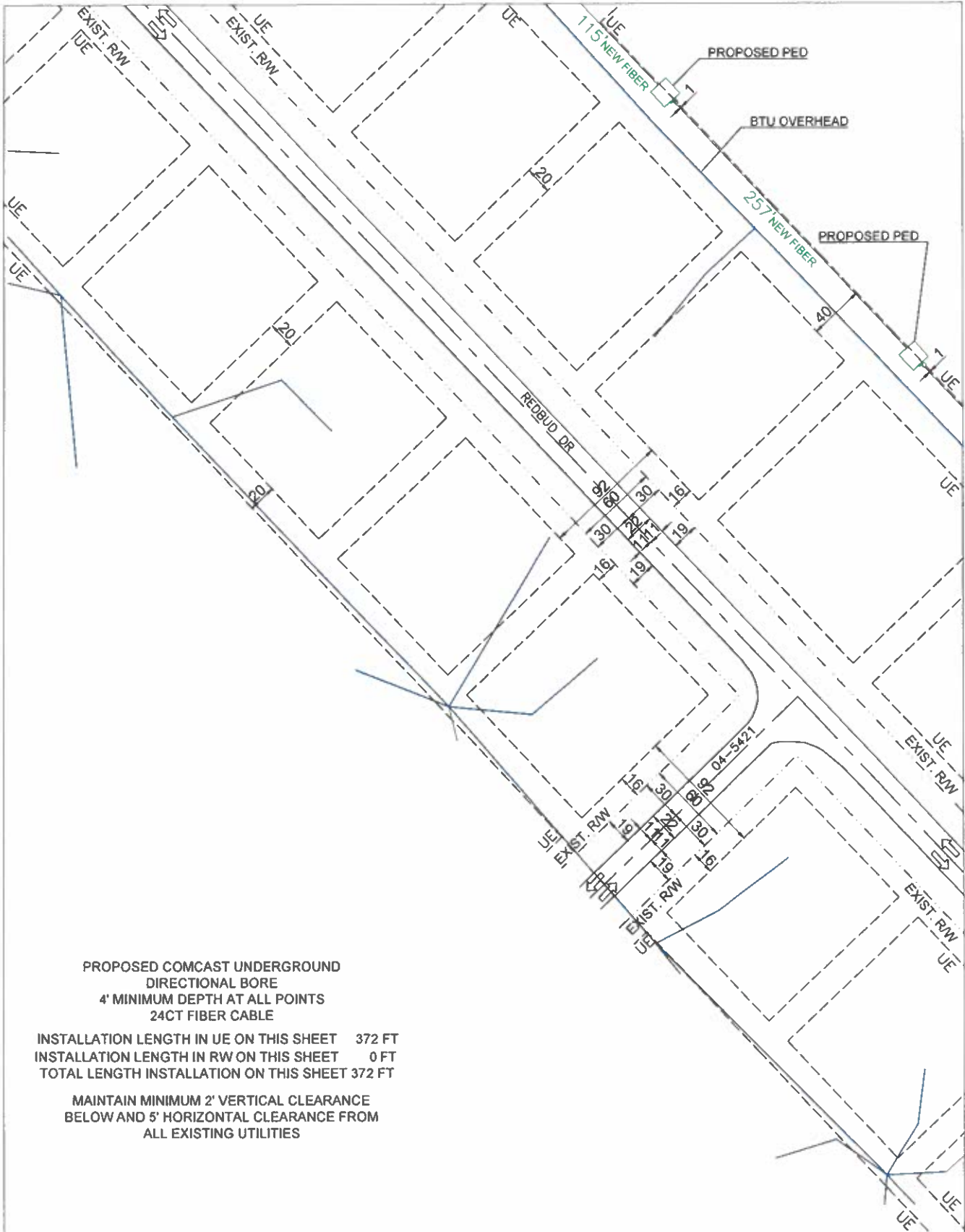
MATCH SHEET 15

PREPARED BY:  	X (with symbols) EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	--- RIGHT OF WAY LINE --- UTILITY EASEMENT --- TELCO LINE --- WATER LINE --- GAS LINE --- BTU UNDERGROUND --- BTU OVERHEAD	--- PROPOSED COAXIAL CABLE --- PROPOSED FIBER CABLE --- PROPOSED DIRECTIONAL BORE --- EXISTING CABLE		ENGINEERED FOR  	BRAZOS COUNTY REBBUD DR TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED	NO SCALE SHEET 14 OF 17			

NO MATCH SHEET

MATCH SHEET 16

MATCH SHEET 16



PROPOSED COMCAST UNDERGROUND  
DIRECTIONAL BORE  
4' MINIMUM DEPTH AT ALL POINTS  
24CT FIBER CABLE

INSTALLATION LENGTH IN UE ON THIS SHEET 372 FT  
INSTALLATION LENGTH IN RW ON THIS SHEET 0 FT  
TOTAL LENGTH INSTALLATION ON THIS SHEET 372 FT

MAINTAIN MINIMUM 2' VERTICAL CLEARANCE  
BELOW AND 5' HORIZONTAL CLEARANCE FROM  
ALL EXISTING UTILITIES

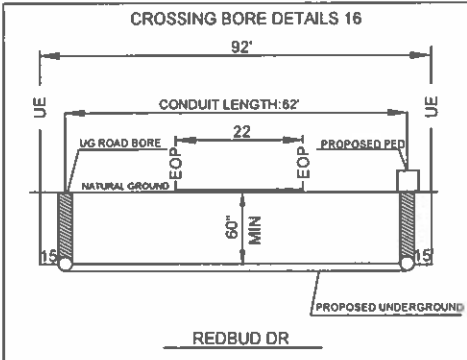
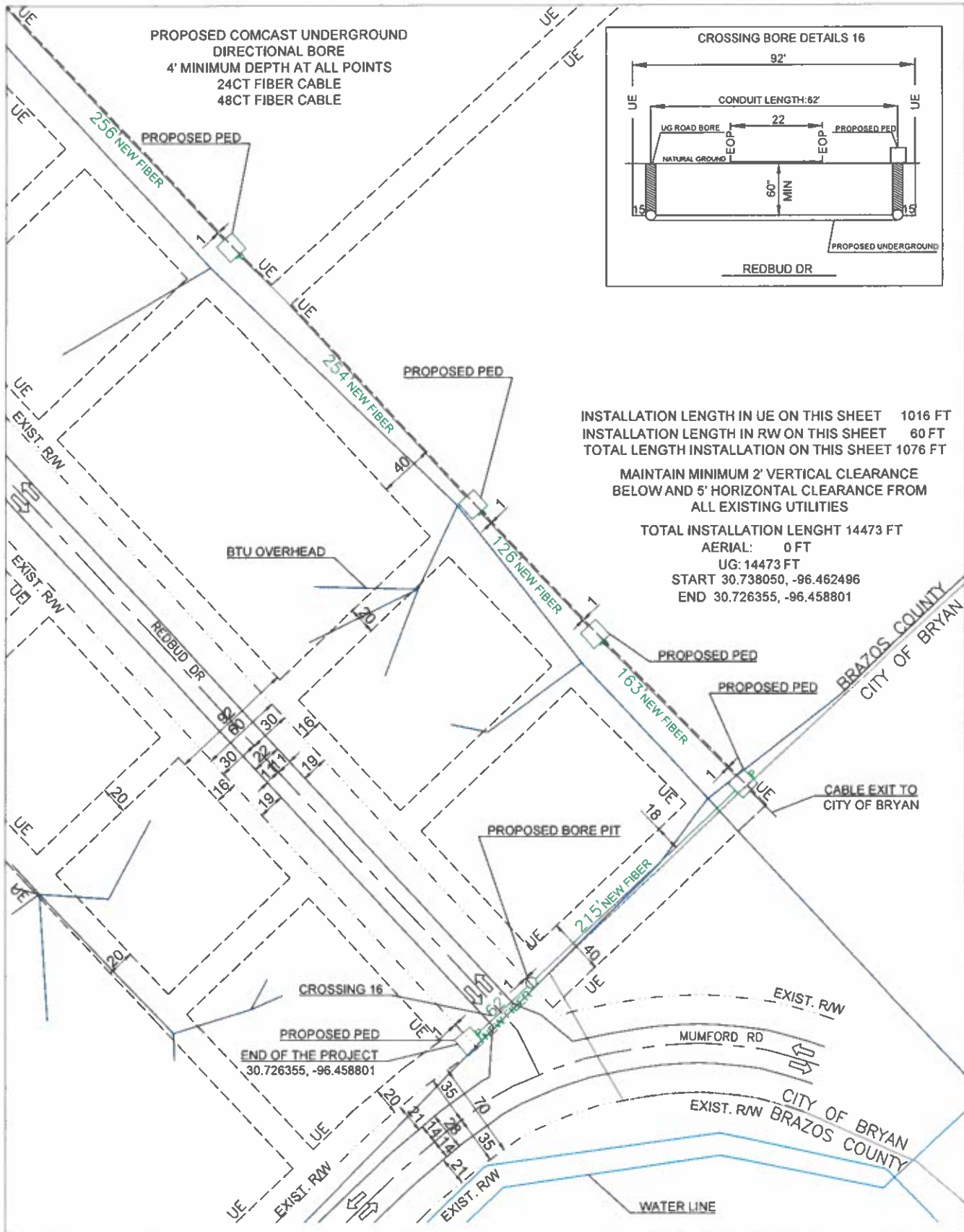
NO MATCH SHEET

PREPARED BY:  	EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE UTILITY EASMENT TELCO LINE WATER LINE GAS LINE BTU UNDERGROUND BTU OVERHEAD	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR  	BRAZOS COUNTY REDBUD DR TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND BODDED	NO SCALE SHEET 15 OF 17			



NO MATCH SHEET

MATCH SHEET 16



INSTALLATION LENGTH IN UE ON THIS SHEET 1016 FT  
 INSTALLATION LENGTH IN RW ON THIS SHEET 60 FT  
 TOTAL LENGTH INSTALLATION ON THIS SHEET 1076 FT

MAINTAIN MINIMUM 2' VERTICAL CLEARANCE BELOW AND 5' HORIZONTAL CLEARANCE FROM ALL EXISTING UTILITIES

TOTAL INSTALLATION LENGTH 14473 FT  
 AERIAL: 0 FT  
 UG: 14473 FT  
 START 30.738050, -96.462496  
 END 30.726355, -96.458801

MATCH SHEET 12

NO MATCH SHEET

PREPARED BY  	EXISTING POLE PROPOSED PEDESTAL WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE UTILITY EASMENT TELCO LINE WATER LINE GAS LINE BTU UNDERGROUND BTU OVERHEAD	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE	ENGINEERED FOR  	BRAZOS COUNTY REDBUD DR TRANSPORT FIBER
	LEGEND RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES BORE: HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOODED	NO SCALE SHEET 17 OF 17		

**BRAZOS COUNTY ROADWAY SAFETY AND ROAD  
PRESERVATION STANDARDS FOR WORK CONDUCTED IN  
BRAZOS COUNTY RIGHTS OF WAY**

***A. General Requirements***

1. Adequate drainage shall be maintained in ditches at all times.
2. Permittee will use best management practices ("BMP") (EPA and TCEQ both provide lists of examples of BMPs) to minimize erosion and sedimentation resulting from the proposed installation.
3. The permittee shall take precautions to avoid damage to property. All County Right of Way and property shall be restored to its original condition, as far as practical, in the opinion of the County Engineer or appointed representative.
4. The construction and maintenance of such utility shall not interfere with the property or rights of a prior occupant.
5. Permittee shall not interfere with other utilities located in the right of way. In the event damages occur, permittee will be liable to the County or other utilities running through the right of way.
6. County Engineer shall determine whether or not permittee's plans shall inconvenience the public. If it is determined that inconvenience to the public exists, then the County Engineer will decide whether such project will be allowed or if an alternative exists so as not to inconvenience the public.

***B. Safety Requirements***

1. Proper traffic control measures must be put in place prior to beginning work and remain in place during the duration of the job. All traffic control measures must follow the Texas Manual of Uniform Traffic Control Devices (TMUTCD). See Traffic Control Requirements below.
2. During construction, all safety regulations of the Texas Department of Transportation shall be observed.
3. Permittee must take such precautions and measures, including placing and displaying safety devices, as may be necessary, in order to safely conduct the public through the project area. Company shall provide flagmen, signs, signals or devices necessary to provide complete safety to the public.
4. Adequate provisions must be made to cause minimum inconveniences to traffic and adjacent property owners.
5. No cable, conduit and/or pole line shall be laid, constructed, maintained and/or repaired so as to constitute a danger or hazard of any kind to persons or vehicles using such road. Any poles placed in the Right of Way for future installation shall be placed at the back of the Right of Way. Exceptions may be approved by the County Engineer.

***C. Traffic Control Plan***

1. A traffic control plan, pursuant to the TMUTCD or Engineered Traffic Control Plan must be provided for the following:
  - a. Any construction (i.e. pit, excavation, hole) left open over night, requires specific nighttime traffic control measures pursuant to the TMUTCD;
  - b. If construction is within ten (10) feet of the roadway; or
  - c. Any work performed in the road right-of-way;

2. Plan must be attached to the permit and kept at the job site any time work is being performed.
3. Plan must set forth the time of completion for the job.

**D. Design Standards**

1. All overhead installations shall conform to clearance standards of the Texas Department of Transportation and the pole be placed in the designated area for power specified as set forth in the *Texas Utilities Code, Section 181.045*.
2. All pole installation (including lighting) shall be placed at the backside of the Right of Way to ensure safety to the public. Any pole placed in violation of this requirement will be required to be moved to the appropriate location at the company's expense. Exceptions may be approved by the County Engineer.
3. All underground installations shall (these are minimum depths – utility may place deeper):
  - a. be placed at a minimum depth of forty-eight (48) inches below the top of the pavement;
  - b. be at least thirty-six (36) inches below ditch flow line when installation is within the area measured from top of bank to top of bank;
  - c. be at least forty-eight (48) inches below ditch flow line if low pressure gas or petroleum lines. For high pressure gas and petroleum lines, see High Pressure Pipelines requirements listed below;
  - d. not be closer than ten (10) feet from the edge of pavement. Exceptions may apply in rights of way of less than 60'.
4. Water Lines: All water lines must be a minimum 36-inches below the ditch flow line and cased. Waterlines shall be cased if crossing under the roadway.
5. Utilities in all new developments that have 60 feet or greater of right of way shall be installed within designated locations based upon the type of utility. The locations shall be as follows: (measured from back of right-of-way).
  - Power – 0-2 feet, nominally 1'
  - Phone – 2-4 feet, nominally 3'
  - Gas – 4-6 feet, nominally 5'
  - Cable – 6-8 feet, nominally 7'
6. Utilities with less than 60 feet right-of-way in all new developments shall install the utility in a similar manner as referenced in No. 3 above, however, the County Engineer or its designated representative will provide final approval of each utility location.
7. The length of any trench to be opened in advance of the pipe, conduit or ducts may not be longer than 400' if left open over night or unattended.
8. Crossings under a county road shall:
  - a. be bored or jacked. **ABSOLUTELY NO OPEN CUTS WITHIN COUNTY ROAD PAVEMENT;**
  - b. be pressure grouted for the full length of the crossing *if* the annular space between pipe and casing and soil exceeds one (1) inch. Brazos County must be given 24 hours notice of pressure grouting operations and have the opportunity to have an inspector on site to observe pressure grouting operations;
  - c. TxDOT Standard Specification Item 476 shall be followed for all boring, jacking, tunneling and joints.
9. Bore Pits
  - a. no pits shall remain open longer than 2 days;

- b. all pits shall have proper traffic control measures in place. See Traffic Control Plan listed above.
  - c. pits shall NOT be located within ten (10) feet from the edge of pavement without prior approval from the County Engineer or his representative;
  - d. when pits are to remain open for more than 8 hours, due diligence will be used in protecting the spoil pile to prevent drainage problems;
  - e. based upon soil conditions, the County Engineer or his representative may require shoring to protect pavement integrity;
  - f. based upon soil conditions, the County Engineer or his representative may require pits be placed further from the edge of road.
10. Any installation within ten (10) feet of edge of pavement shall meet the following:
- a. location must be approved by the County Engineer or his representative
  - b. backfilled with cement stabilized material.
  - c. based upon soil conditions, the County Engineer or his representative may require shoring to protect pavement integrity.
  - d. All excess water and mud shall be removed from the trench prior to backfilling. Any backfill placed during a rainy period or at other times where excess water cannot be prevented from entering the trench will be considered TEMPORARY and shall be replaced with PERMANENT cement stabilized material as soon as weather permits;
  - e. All disturbed base and pavement materials shall be removed and restored to the satisfaction of the County Engineer or his representatives.
  - f. No side or lateral tamping to fill voids under the base and pavement materials is allowed.
11. Company must be careful to not jeopardize the slope or integrity of the shoulder of the road. In the event Company damages the slope, shoulder or any other portion of the right-of-way, Company will be responsible for repairing the damage and replacing the right-of-way to the condition it was prior to commencing construction.
12. Operation of construction and/or maintenance equipment on the traveled surface of any improved County road will not be permitted, except in an instance whereby the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines cannot be accomplished by any other method and in this event all such equipment shall be of the rubber tire variety. Appropriate traffic control shall be provided meeting TMUTCD requirements.
13. In the event said construction and/or maintenance and/or repair requires Company to remove, cut or jeopardize any section of the road (asphalt, cement, road base, etc), Company will be required to provide a performance bond or letter of credit securing necessary repairs. Said bond amount will be determined by the County Engineer.
14. The applicant shall submit a letter of "No Objection" from the Army Corps of Engineers for all designated wetlands and environmentally sensitive lands.

***E. Emergency work***

- 1. In the event Company is required to perform emergency services, that requires excavation in a County Right of Way, and unable to notify the County Engineer prior to conducting emergency repairs, Company shall notify County Engineer within 24 hours of beginning construction/repairs. This will allow the County Engineer and Road & Bridge Office an opportunity to inspect the site to ensure the integrity of the County Right of Way and traffic safety controls used.

**F. Repairs to existing facilities**

1. Maintenance and/or repair to existing cables, conduits, and/or pole lines which require disturbance of the soil, shall not be performed until plans describing such maintenance and/or repair have been approved by the County Engineer or designated representative and a permit has been obtained.

**G. Relocation of utilities:**

1. When and if the County Engineer determines that it is necessary for the construction, repair, improvement, alteration or relocation of all or any portion of said road, any or all poles, wires, pipes, cables or other facilities and appurtenances authorized hereunder, shall be removed from said road, or reset or relocated thereon, as required by the County Engineer within a reasonable time as determined by the County Engineer and Utility Company, and at the expense of the Utility Company.

**H. High Pressure Pipelines**

1. All utility Permits for high pressure pipelines (generally 60 PSI or greater), whether pertaining to controlled access or non-controlled access installations, should contain the following additional information in the description of the permit.
  - diameter
  - wall thickness
  - material specification
  - minimum yield strength
  - maximum operation pressure of the pipeline
2. With the exception of the maximum operation pressure of the pipeline, this information is to be supplied for both the carrier pipe and the casing.
3. Assurance must also be given that the installation material and design meet the minimum Federal Safety Standards for Liquid and Gas Pipe Lines. Assurance must be provided on company letterhead and signed by an authorized representative of the company.

4. Petroleum Pipelines:

<u>Type of Pipeline</u>	<u>Depth (below deepest ditch grade)</u>	<u>Special Requirements</u>
Encased Pipe	Less than 10'	Must be covered with concrete pad at least 36" deep
Encased Pipe	Greater than 10'	No concrete pad required
Non-Cased Pipe	Less than 10'	Must be covered with concrete pad at least 48" deep
Non-Cased Pipe	Greater than 10'	No concrete pad required

The Concrete pad shall be minimum of 3" thick and width shall be pipe diameter plus 18" minimum.

5. Under no circumstances will a pipeline be installed parallel to a County Road within the Right-of-Way. Transmission lines have been determined to be petroleum pipelines (which includes natural gas lines) and shall not be parallel to a County Road.
6. Natural Gas Distribution is a line that serves the final customer.

