

Frontier Communications

2611 45th ST

Dickinson, TX 77539

Submit Date: 5/3/22

Work Order # 5295335

Office of Hopkins County Judge

The Honorable Robert Newsom

Frontier Communications is requesting permission to BORE 1909', INSTALL (5)2"X3" HH,
(1)17"X30" HH, (6)11"X11"X16" DROP BOXES, 1068' OF (1)-1.25" DUCT, 841' OF (2)-1.25"DUCT at the
location of CR 2307 & POSEY LN

Site location map and construction drawings are enclosed. The construction sketch details all proposed work.

If you have any questions, please feel free to contact Darrin Albrecht @ 281-229-0849 or Darrin.albrecht@ftr.com

Submitted by:

Amy Younce

Permit coordinator

ayounce@chcconsulting.com

816-462-8312

Approved

Denied

Date: 5-4-22

County Comments: _____

Approval Signature: 

**FRONTIER COMMUNICATION
CONSTRUCTION SPECIFICATIONS**

- Contact Frontier Engineer CORY RIGGS at (310) 210-9882 sixty (60) days prior to need of service in order to confirm compliance, order materials, and schedule work forces. NOTE: FRONTIER COMMUNICATIONS, INCORPORATED, RESERVES THE RIGHT TO REFUSE ANY CONDUIT, PULL BOXES, MANHOLES, OR UTILITY BOXES THAT DEVIATE FROM PLANS AND SPECIFICATIONS.
- All conduit riser bends to have a minimum thirty-six (36) inch radius.
- All horizontal ninety (90) degree bends shall have a minimum radius of 12.5 feet and all vertical ninety (90) degree bends shall have a minimum radius of three feet. No more than two ninety (90) degree horizontal bends shall be placed in any single run unless otherwise specified. Contact the Frontier engineer concerning any required deviations.
- All conduit must be proven using a mandrel no less than a 1/2" smaller than the conduit placed. Wall to wall measurements must be taken with a measured tape and a 3/8" polypropylene pull rope in each duct. An accurate wall to wall measurement of conduit placed must be As-built on an approved Frontier construction plan. A copy of the As-built conduit work order must be provided to the Frontier inspector assigned to your project.
- Place weatherproof caps on all terminated conduits.
- Approved plastic conduit (PVC Sch. 40, TYPE-C or HDPE (2") is to be used in underground construction unless otherwise specified.
- Conduit terminated on a pole must be PVC Sch. 80. Location of riser on pole will be called out by engineering on the construction plan.
- Conduit placed in same trench with primary power conduit must be separated by a minimum of twelve (12) inches of well-packed sand or three inches of concrete, and have a minimum of thirty-six (36) inches of cover when placed behind curb face. All street crossings and conduits placed in the driven portion of the roadway must have a minimum of forty-eight (48) inches of cover to top of pipe. CONTACT THE FRONTIER INSPECTOR 48 HOURS BEFORE TRENCHING AND UPON COMPLETION OF YOUR SUBSTRUCTURES TO SCHEDULE THE FINAL INSPECTION.

**PERMITTING AGENCY:
HOPKIN COUNTY**

PICK UP POINT:
EX. POLE
TXDOT LIMITS

PATH FOOTAGE:
BORE = 1909'

MATERIALS:
(5) NEW 2X3' HH
(1) NEW 17'X30" HH
(6) NEW 11"X11"X16" DROP BOX
1058' OF (1)-1.25" DUCT
841' OF (2)-1.25" DUCTS



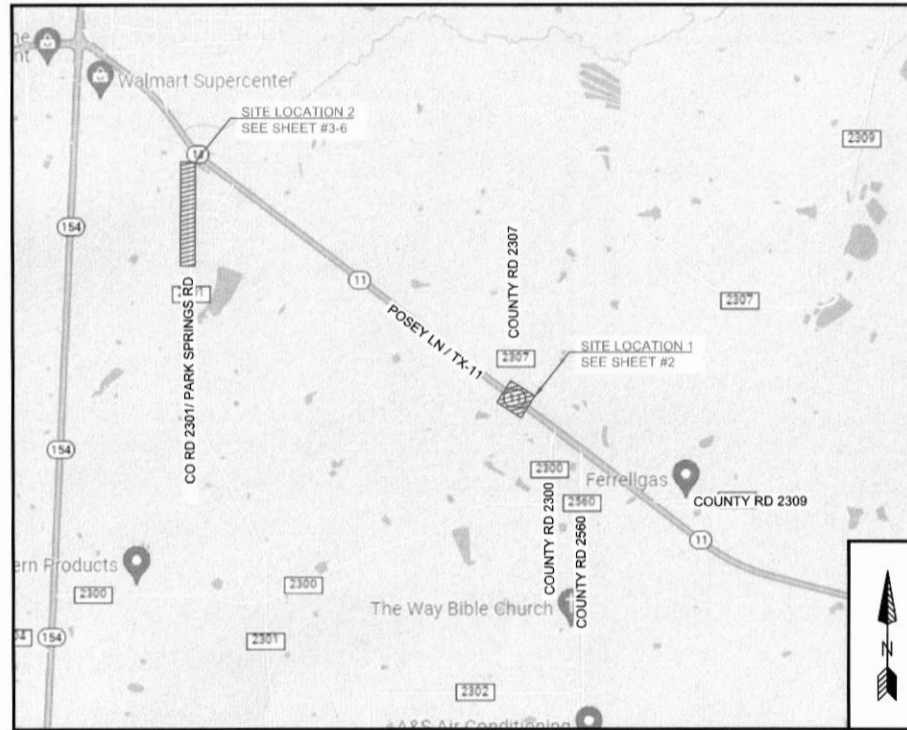
**Know what's below.
Call before you dig.**

CONDUIT DESIGN

**FDH - 2808 TX-11
COUNTY ROAD 2307 & POSEY LN / TX-11
SULPHUR SPRINGS, TX 75482**

ABBREVIATIONS

BLDG	BUILDING	PED	PEDESTAL (UTILITY)
C/L	CENTER LINE	PVC	POLYVINYL CHLORIDE
CONC	CONCRETE	P/L	PROPERTY LINE
CSW	CONCRETE SIDEWALK	RR	RAILROAD
DWY	DRIVEWAY	R/W	RIGHT OF WAY
EOC	EDGE OF CURB	SL	STREET LIGHT
EOP	EDGE OF PAVEMENT	W-BLDG	WALL TO BUILDING
ETW	ETW LINE	W-P	WALL TO POLE
HH	HANDHOLE	W-W	WALL TO WALL
MH	MANHOLE	P.U.E.	PUBLIC UTILITY EASEMENT
NTS	NOT TO SCALE	P.S.E.	PUBLIC SERVICE EASEMENT
		C/G	CURB & GUTTER



VICINITY MAP
NTS

LEGEND

	New Trench
	New Bore
	Existing Gas
	Existing Water
	Existing Telephone
	Existing Sewer
	Existing Storm Drain
	Existing Electric
	Existing Manhole
	Existing Handhole (2'x3' or 17"x30")
	DSLAM
	X-CONNECT
	POWER PEDESTAL
	TELCO PEDESTAL
	3' x 5' PULL BOX
	POLE

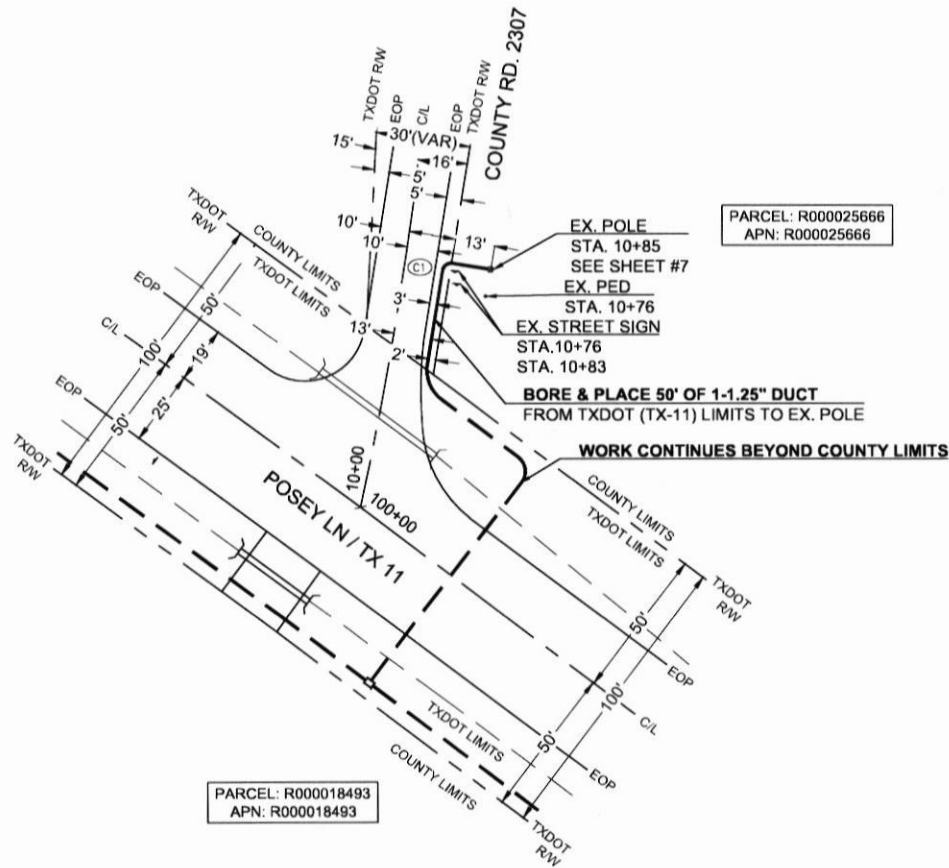
Frontier COMMUNICATIONS

JOB ID: 5295335 DATE: 04/17/2022
 TITLE: FDH - 2808 TX-11
 STREET ADDRESS: 2808 TX-11
 CITY/STATE: SULPHUR SPRINGS, TX 75482 (HOPKIN COUNTY)
 FTR ENGINEER: CORY RIGGS (310) 210-9882
 FTR INSPECTOR: JAMES WEST (972) 578-3224

DRAWN BY: CHC CONSULTING
 EST. #:
 SHEET#: 1 OF 8

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 ENGINEERED BY
 CHC CONSULTING, L.L.C.
 8085 RIO SAN DIEGO DR, STE 450
 SAN DIEGO, CA 92108

-HDPE AND PVC FOOTAGES DO NOT INCLUDE SWEEPS
 -ACTUAL FOOTAGES OF HDPE AND PVC WILL BE NEEDED TO ORDER MATERIALS. PLEASE INCLUDE MEASURED TAPE IN ALL PVCs.
 -FRONTIER INSPECTOR SHALL BE PRESENT ON SITE WHEN CONTRACTOR NEEDS TO ACCESS ANY EXISTING FRONTIER FACILITY.



PARCEL: R000025666
 APN: R000025666

PARCEL: R000018493
 APN: R000018493

CURVE	RADIUS	LENGTH	DELTA
C1	3'	5'	90°



Know what's below.
 Call before you dig.



SCALE: 1"=40'

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CITY/STATE: SULPHUR SPRINGS, TX 75482 (HOPKIN COUNTY)

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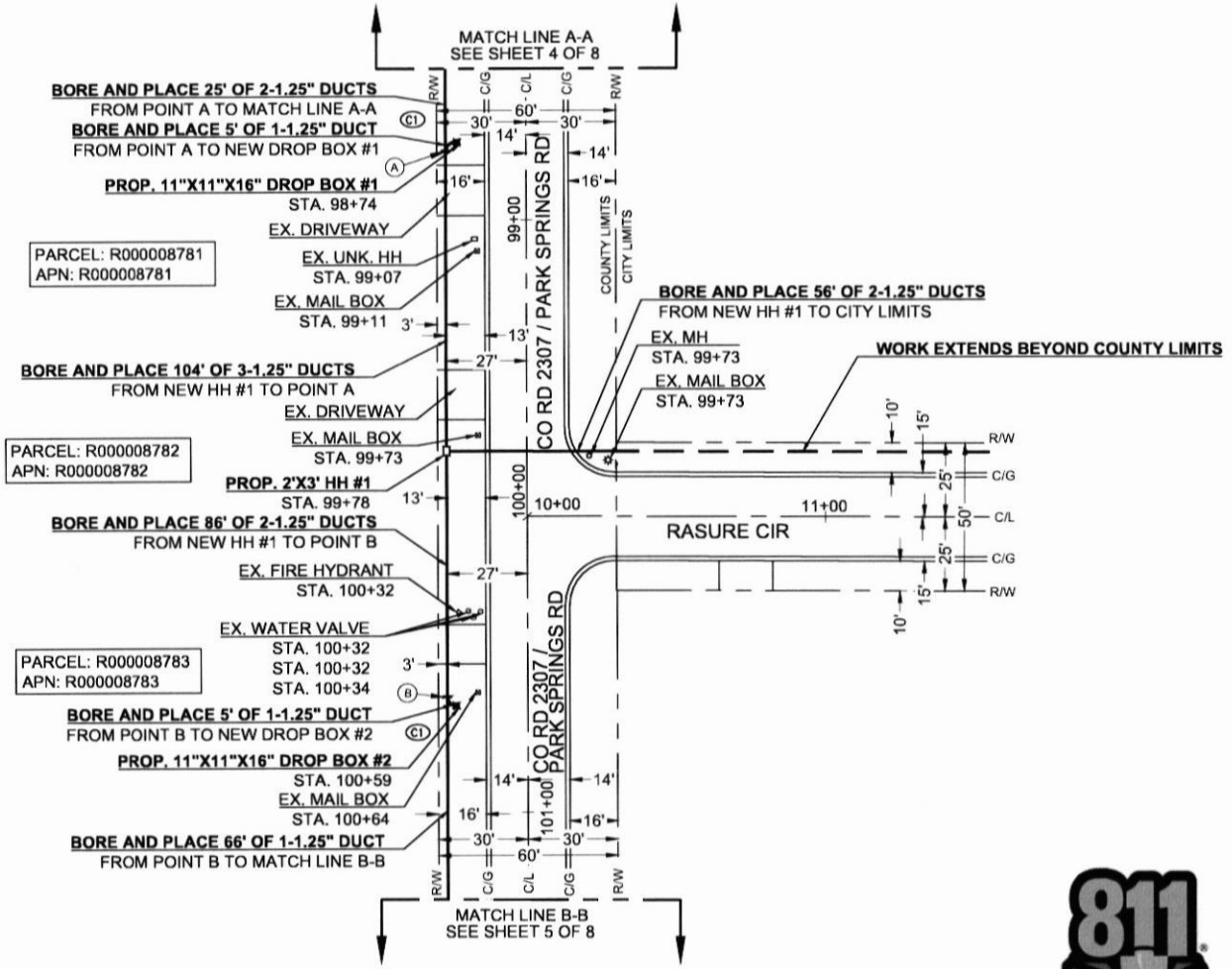
FTR INSPECTOR: JAMES WEST (972) 578-3224

DRAWN BY: CHC CONSULTING

EST. #: SHEET#: 2 OF 8

CHC CONSULTING
 ENGINEERED BY
 CHC CONSULTING, LLC
 3095 RED HAWK DR. SUITE 150
 SAN DIEGO, CA 92108

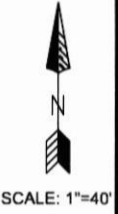
CURVE	RADIUS	LENGTH	DELTA
C1	3'	5'	90°



PARCEL: R000008781
APN: R000008781

PARCEL: R000008782
APN: R000008782

PARCEL: R000008783
APN: R000008783



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FTR INSPECTOR: JAMES WEST (972) 578-3224

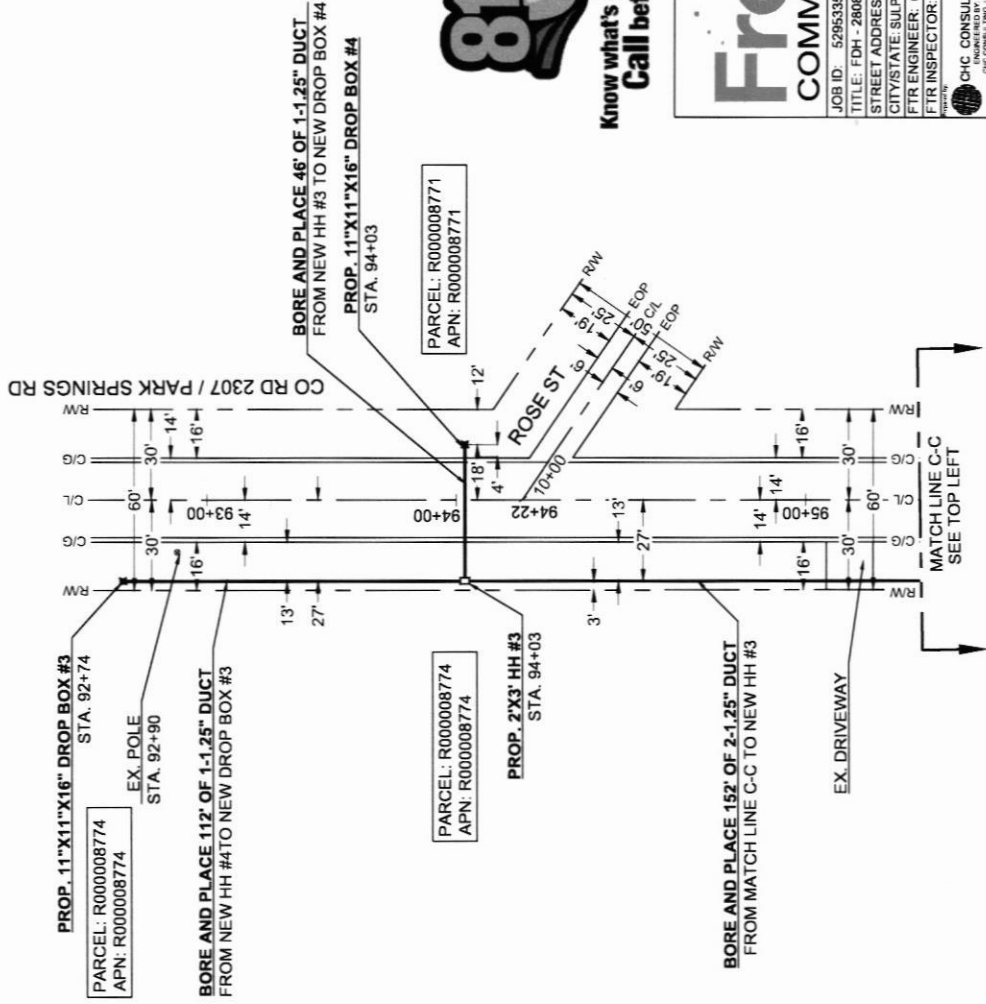
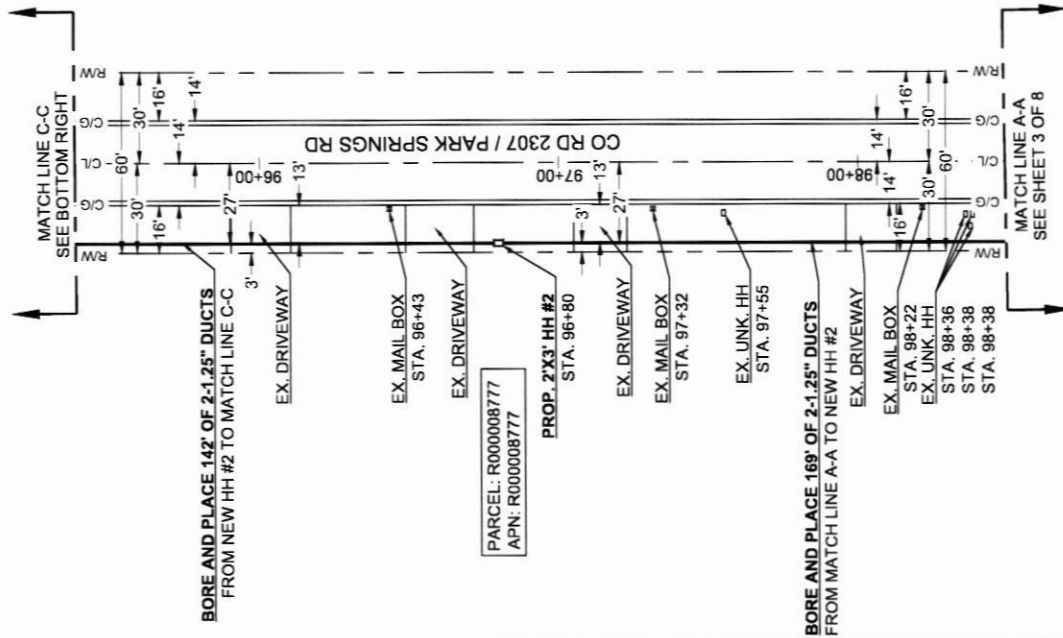
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SHEET#: 3 OF 8

CHC CONSULTING
ENGINEERED BY:
CHC CONSULTING
8096 RED SAN DIEGO DR, STE 450
SAN DIEGO, CA 92108

CURVE	RADIUS	LENGTH	DELTA
C1	6'	8'	81°
C2	6'	9.2'	88°



Know what's below.
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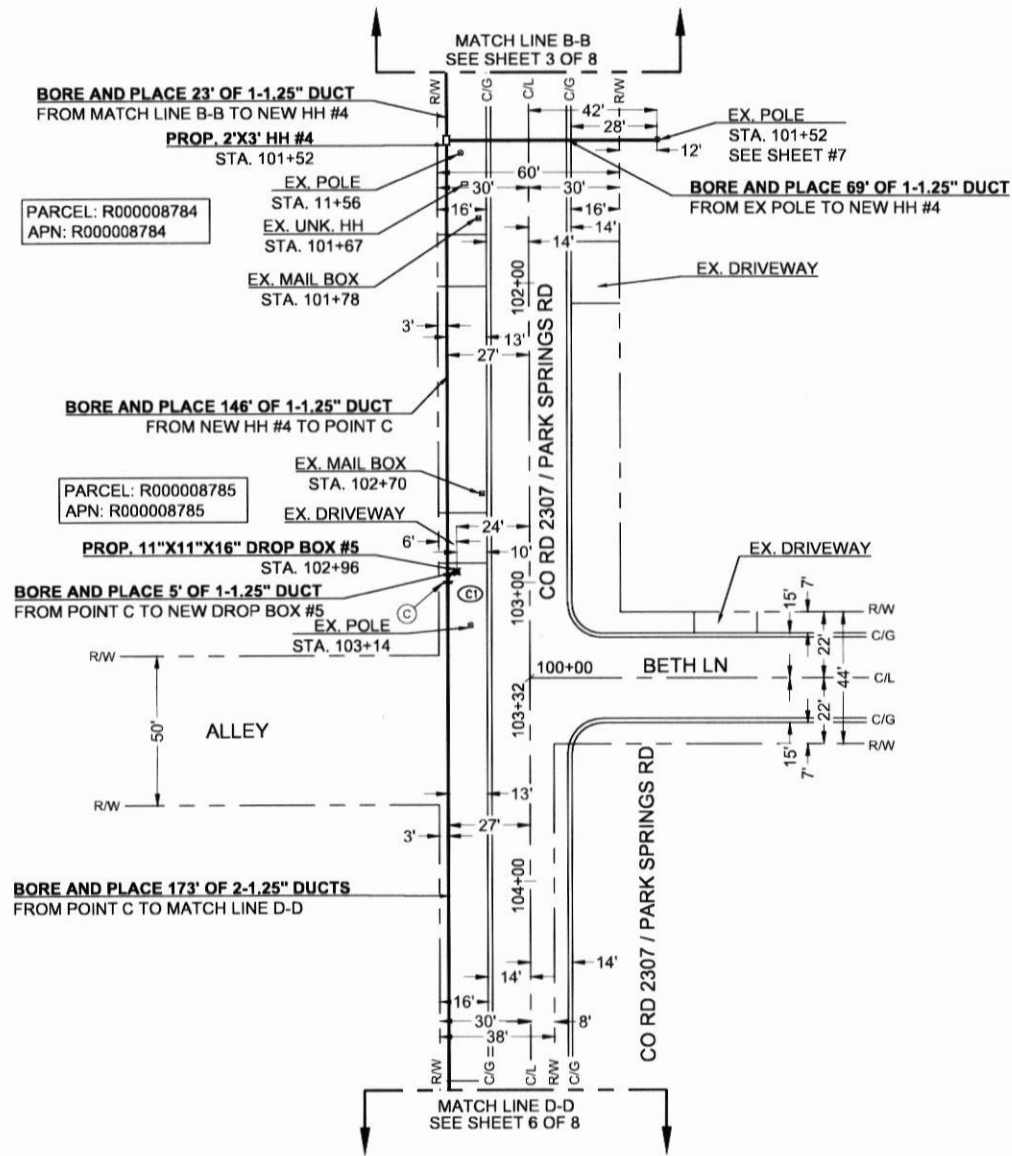
SCALE: 1"=40'

Frontier COMMUNICATIONS

JOB ID: 5295335 TITLE: FDM - 2808 TX-11
 STREET ADDRESS: 2808 TX-11
 CITY/STATE: SULPHUR SPRINGS, TX 75482 (HOPKIN COUNTY)
 FTR ENGINEER: CORY RIGGS (310) 210-8882
 FTR INSPECTOR: JAMES WEST (972) 578-3224
 DRAWN BY: CHC CONSULTING
 EST. #: CHC CONSULTING
 SAN DIEGO, CA 92108

SHEET # 4 OF 8

CURVE	RADIUS	LENGTH	DELTA
C1	3'	5'	90°



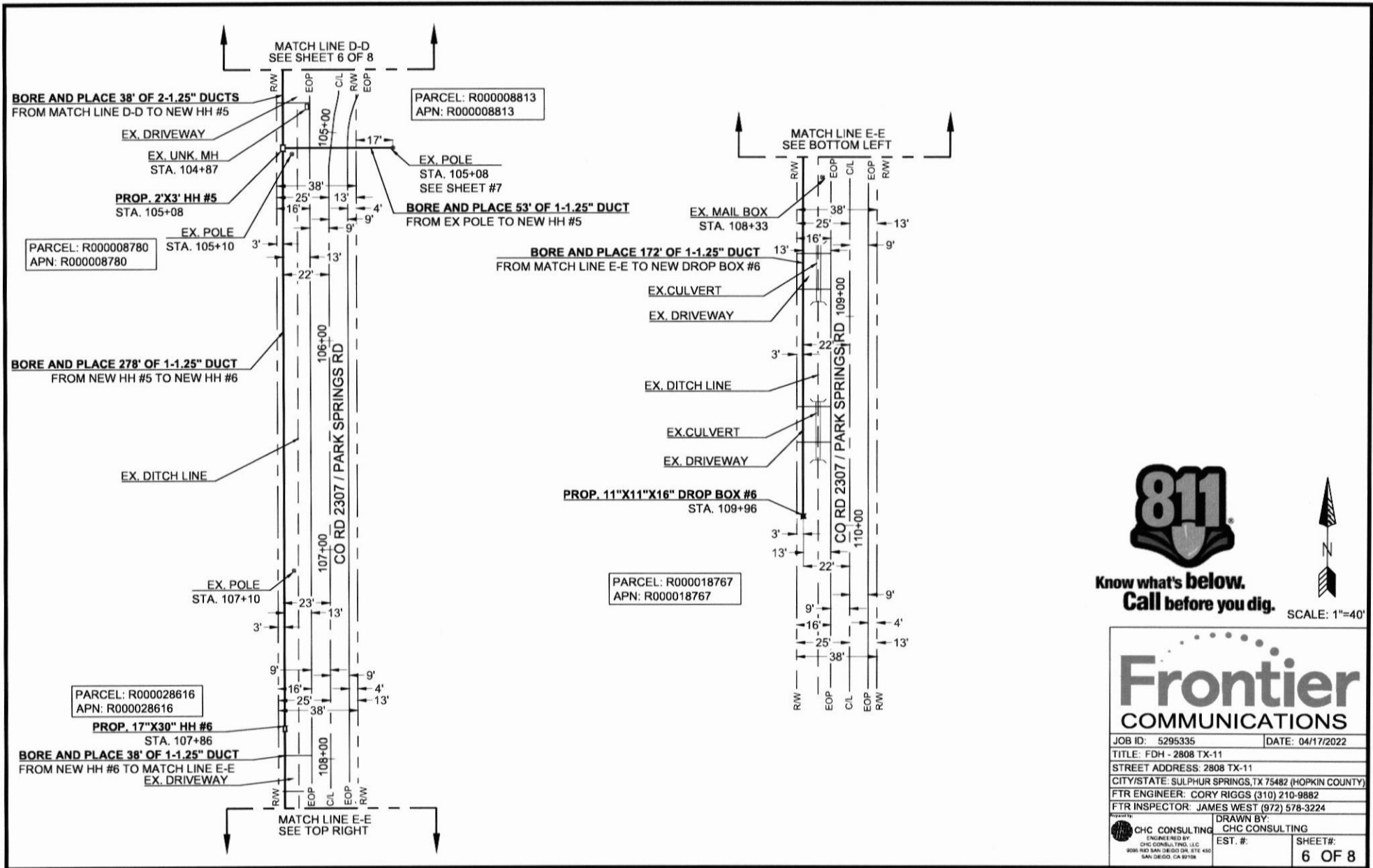
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<small>Drawn by:</small> CHC CONSULTING <small>ENGINEERED BY:</small> CHC CONSULTING, LLC <small>9386 RED SAN DIEGO DR. STE 450 SAN DIEGO, CA 92108</small>	<small>DRAWN BY:</small> CHC CONSULTING <small>EST. #:</small> SHEET #: <div style="text-align: right; font-weight: bold;">5 OF 8</div>



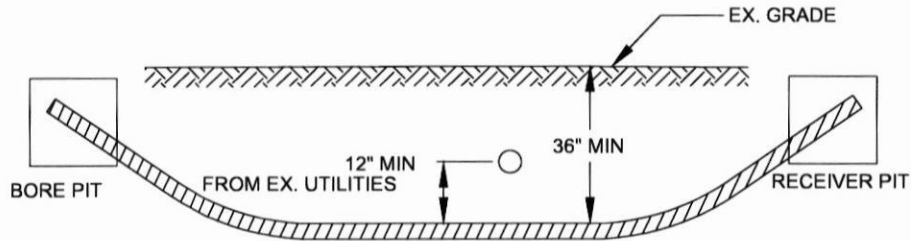
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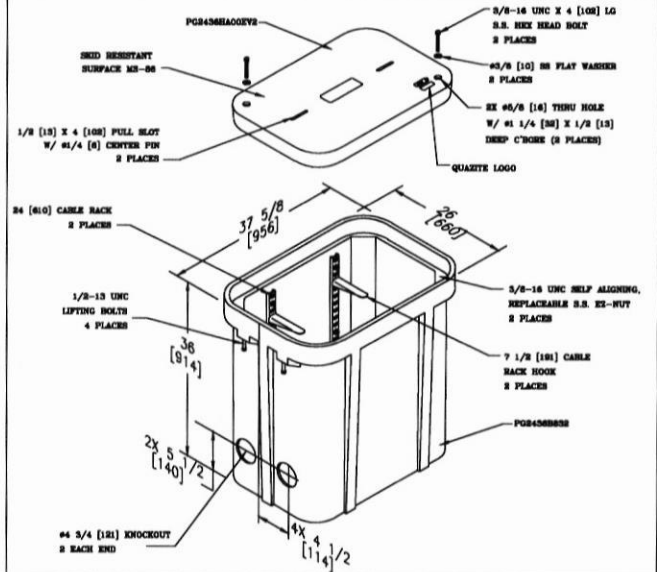
SCALE: 1"=40'

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Prepared by: CHC CONSULTING	DRAWN BY: CHC CONSULTING
EST. #:	SHEET #: 6 OF 8

MINIMUM STANDARDS FOR DIRECTIONAL BORING



- PLACE END MARKER WITH UTILITY OWNER'S NAME DESCRIBING CONDUIT
- BORE PIT TO BE BACKFILLED AND COMPACTED IN 12" LIFTS WITH MATERIAL REMOVED
- FLOW OF DITCH MUST BE MAINTAINED AT ALL TIMES
- PROTECT ROOTS AT ALL TREE LOCATIONS, SHIFT BORE TRENCH IF NECESSARY



TYPICAL BORE DETAIL

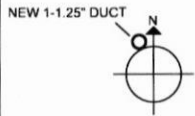
SCALE N.T.S. 1

2' X 3' HAND HOLE

SCALE N.T.S. 2

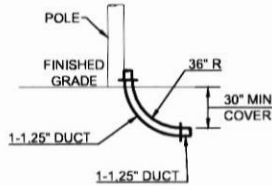
PLAN VIEW

EX. POLE
STA. 10+85
SEE SHEET 2



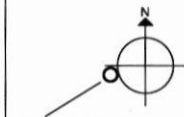
NEW 1-1.25" DUCT
W/ MIN. 36" SWEEP

ELEVATION



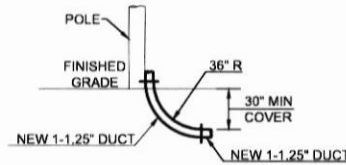
PLAN VIEW

EX. POLE
STA. 101+52
SEE SHEET 5



NEW 1-1.25" DUCT
PL NEW 1-1.25" DUCT
W/ MIN. 36" SWEEP

ELEVATION



TYPICAL RISER DETAIL

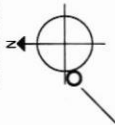
SCALE N.T.S. 3

TYPICAL RISER DETAIL

SCALE N.T.S. 4

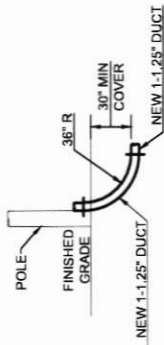
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			SHEET#: 7 OF 8

PLAN VIEW
 EX POLE
 STA. 105+08
 SEE SHEET 6



NEW 1-1.25" DUCT
 PL NEW 1-1.25" DUCT
 W/ MIN. 36" SWEEP

ELEVATION



TYPICAL RISER DETAIL

SCALE
 N.T.S.

5

Frontier

COMMUNICATIONS

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EST. #:	SHEET #:
CHC CONSULTING	CHC CONSULTING
1000 W. UNIVERSITY BLVD. #100	1000 W. UNIVERSITY BLVD. #100
SAN ANTONIO, TEXAS 78204	SAN ANTONIO, TEXAS 78204
	8 OF 8