

Exhibit A



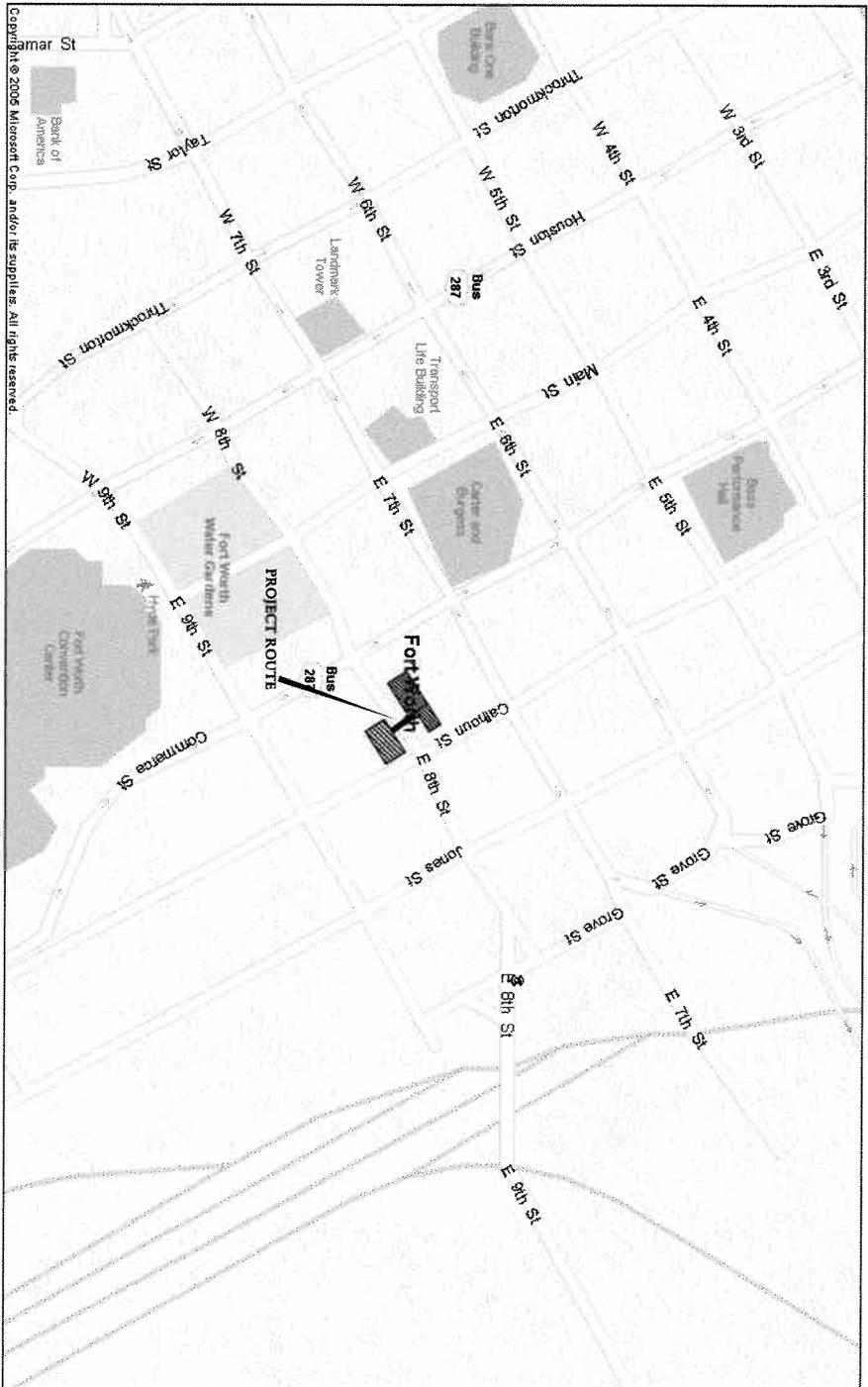
8th STREET CROSSING
FORT WORTH, TEXAS



PREPARED BY:

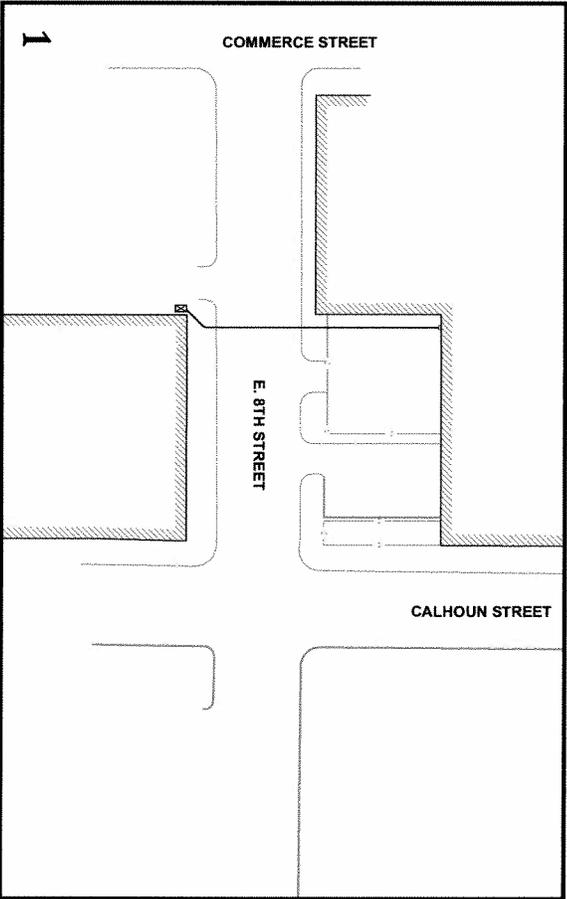
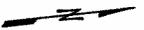
#09032CS01

MAP SHEET



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INDEX SHEET



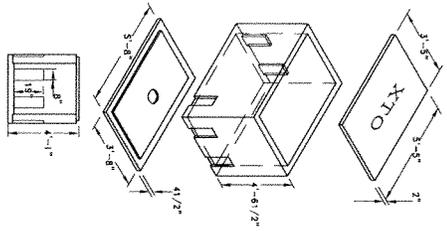
PREPARED BY:
TECH Group
& ASSOCIATES

XTO
ENERGY

8th STREET CROSSING
FORT WORTH, TEXAS

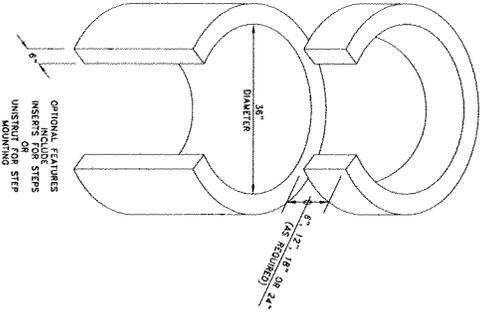
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MANHOLE & HANDHOLE DETAILS



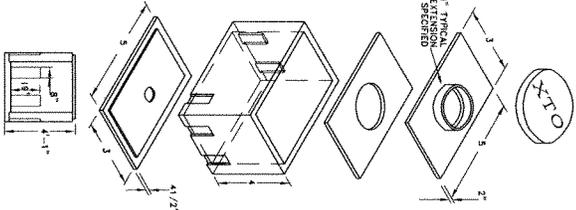
3' x 5' x 4'-0" PRE-CAST HANDHOLE

APPROXIMATE WEIGHTS
 12" 850 LBS.
 18" 1200 LBS.
 24" 1850 LBS.



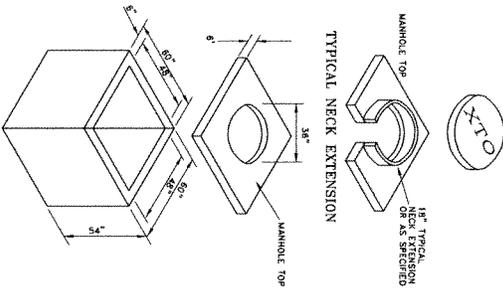
OPTIONAL FEATURES INCLUDE INSERTS OR STEPS UNSUITABLE FOR STEPS

3' x 5' x 4' PRE-CAST MANHOLE

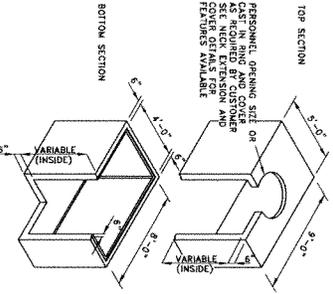


4' x 4' x 4' PRE-CAST MANHOLE

ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4500 PSI.
 REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60, A615 GRADE 65 OR A615 GRADE 70. ALL REBAR SHALL BE EPOXY COATED UNLESS OTHERWISE SPECIFIED.
 STANDARD STRUCTURAL DESIGN IS BASED ON WIND LOADS TO 20 MPH.
 THE STANDARD DESIGN IS BASED ON THE TOP AT ANY ELEVATION BETWEEN FINISH GRADE AND 5'-0" BELOW GRADE. THE STRUCTURE SHALL BE PLACED ON A COMPACT GRANULAR BASE TO INSURE UNIFORM DISTRIBUTION OF SOIL PRESSURES.
 SPECIAL DESIGN BASED ON OTHER LOADS OR UNUSUAL CONDITIONS SHALL BE PROVIDED. ALL KNOCKOUTS, OR PIPE OPENINGS CAN BE PROVIDED IN THE SIZE AND LOCATIONS REQUIRED.
 INSERTS, PULLING RINGS OR STAIRS CAN BE SPECIFIED AS REQUESTED.



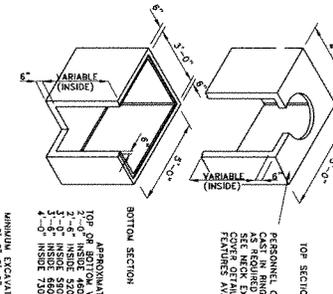
4' x 4' x 4' PRE-CAST MANHOLE
 6" WALLS - 6" ROOF
 48" HEADROOM



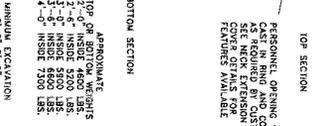
48-M
 4'-0" x 8'-0" QUICKSET
 2-PIECE MANHOLE



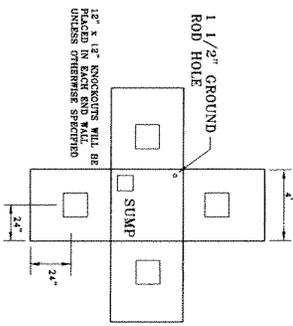
APPROXIMATE TOP OR BOTTOM WEIGHTS
 2'-0" INSIDE 7000 LBS.
 3'-0" INSIDE 8500 LBS.
 4'-0" INSIDE 10500 LBS.
 MINIMUM EXCAVATION
 7'-0" x 11'-0"



35-M
 3'-0" x 5'-0" QUICKSET
 2-PIECE MANHOLE



APPROXIMATE TOP OR BOTTOM WEIGHTS
 2'-6" INSIDE 5500 LBS.
 3'-0" INSIDE 6500 LBS.
 4'-0" INSIDE 7500 LBS.
 MINIMUM EXCAVATION
 6'-0" x 9'-0"



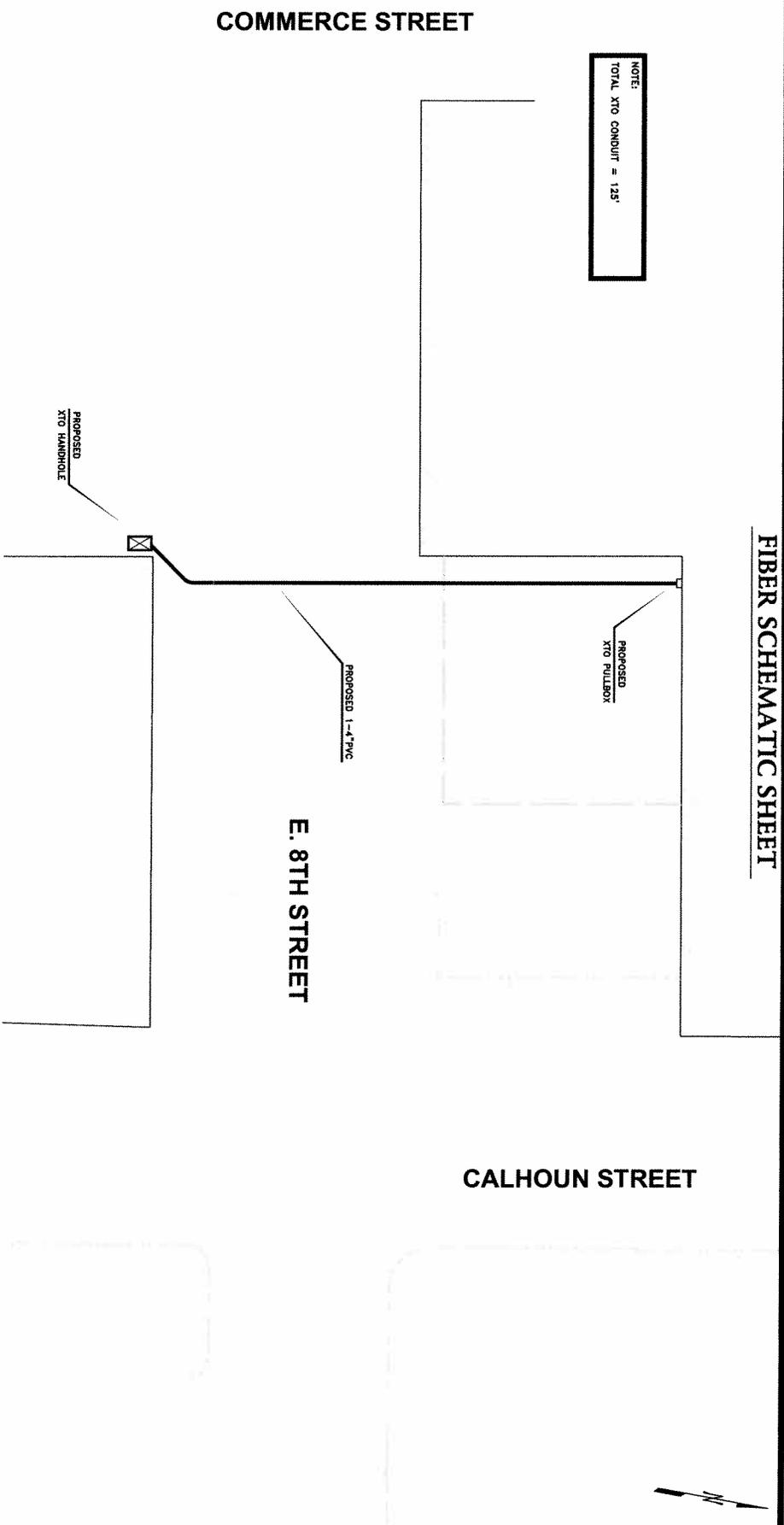
REV	DESCRIPTION	BY	APP'D	DATE



TECH GROUP
 A SUBSIDIARY OF
 818 STREET CROSSING
 FORT WORTH, TEXAS
 818 STREET CROSSING
 FORT WORTH, TEXAS
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 FORT WORTH, TEXAS
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 FORT WORTH, TEXAS

FIBER SCHEMATIC SHEET

NOTE:
TOTAL XTO CONDUIT = 125'



PREPARED BY:



8th STREET CROSSING
FORTH WORTH, TEXAS

#09032FS01

NOTE
 UTILITY & E.O.M. REPRESENTED ON
 THIS PLAN ARE BASED ON RECORDS.
 FIELD CHECK AND VERIFY
 ALL UTILITIES BEFORE
 CONSTRUCTION.

8th STREET CROSSING

FORT WORTH, TEXAS

SCALE: 1"=20'



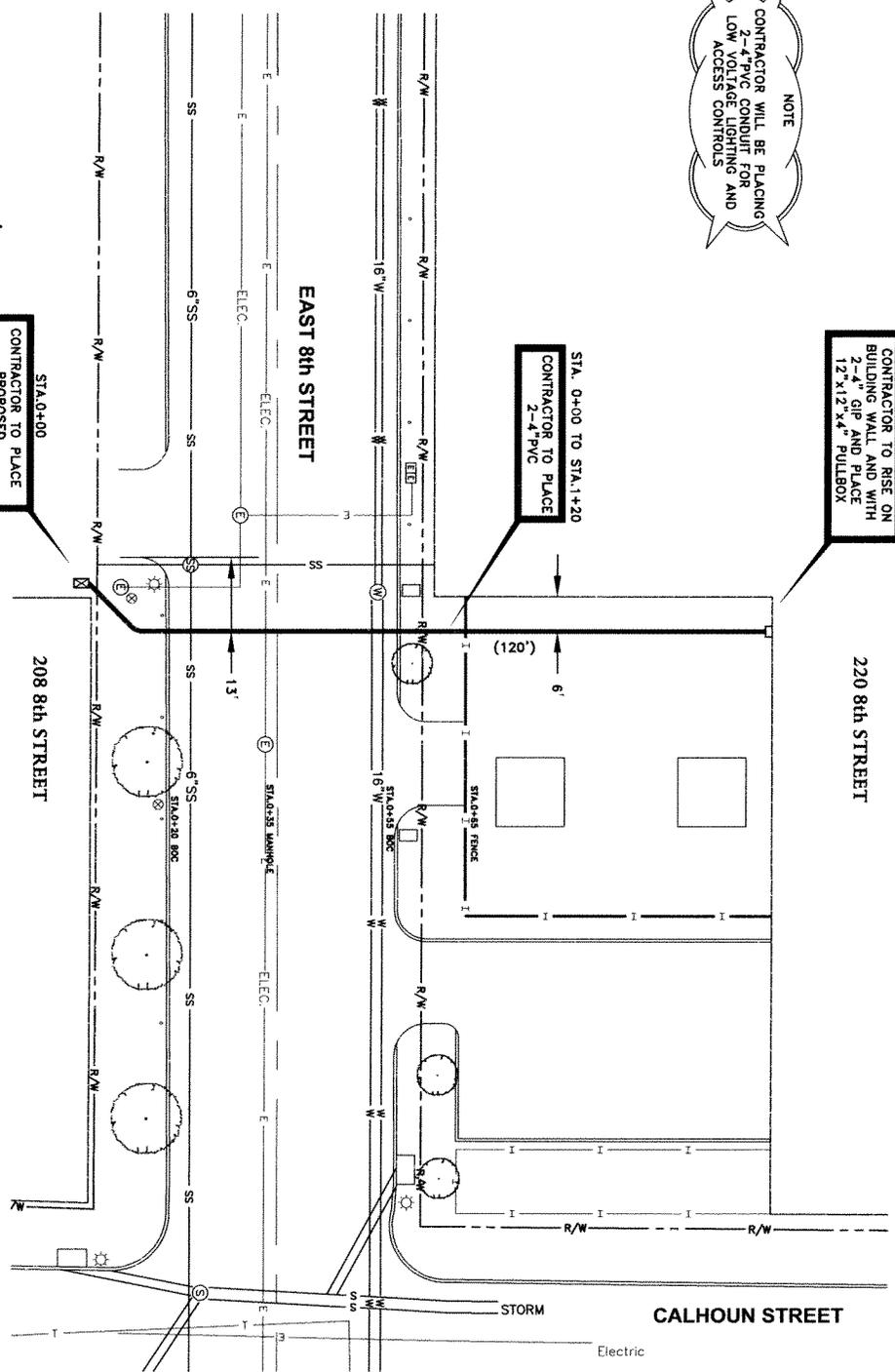
NOTE
 CONTRACTOR WILL BE PLACING
 2" PVC CONDUIT FOR
 LOW VOLTAGE
 ACCESS CONTROLS

CONTRACTOR TO REF. ON
 BUILDING WALL AND PLACE
 2"-4" GIP AND PLACE
 12"x12"x4" PULLBOX

STA. 0+00 TO STA. 1+20
 CONTRACTOR TO PLACE
 2"-4" PVC

CONTRACTOR TO PLACE
 18"x30" FORMED AND HOLED
 WITH H2O STEEL LID

CAUTION:
 CONTRACTOR TO LOCATE &
 VERIFY ALL UTILITIES
 PRIOR TO CONSTRUCTION



ESTIMATED SHEET TOTALS

TRENCH	180'
DIR. BORE	
OPEN CUT	
12"x12"x24" PB	
18"x30"x24" HH	1
4" PVC	240'
4" GIP	10'
4" SDR-11	
1.25" INNERDUCT	
5" CORE DRILL	
48 FIBER CABLE	

REV	DESCRIPTION	BY	APP'D	DATE

PROJECT NO.	8th STREET CALHOUN CONCOURSE
DATE	FORT WORTH, TEXAS
PROJECT NAME	8th STREET CROSSING
DRAWN	TGBA
CHECKED	
DATE	09/03/2011
SCALE	AS SHOWN
PROJECT	
DATE	
BY	
DATE	

