



**FOR ADDISON USE ONLY**  
 Permit Number: W-1267  
 Location: 3990 Vitruvian Way

**APPLICATION**  
**Right of Way Work Permit-FRANCHISE**

(For Franchise Utility/CTP – Street Cut/Excavation/Lane Closure)

**PLEASE PRINT LEGIBLY**

Date of Application: November 11, 2017  
 Facility Owner Company: Fiberlight Communications Company Phone #: 972.695.2805  
 Utility/CTP Representative: Mike Bitsche Cell Phone #: 972.695.2805  
 Utility/CTP Representative E-mail: Mike.Bitsche@fiberlight.com  
 General Contractor: Kinetic Solutions Company Phone #: 214.395.1604  
 Site Supervisor Name: Noah Houghtaling 24-hour Phone #: 214.395.1604  
 Contractor E-mail: \_\_\_\_\_ Site Foreman E-mail: \_\_\_\_\_  
 Work Site Address and Location: 3990 Vitruvian Way # 17282  
 Purpose and general description of work: contractor to place 2-1.25" HDPE starting on Spring valley rd. to vitruvian way to the building entry of 3990 vitruvian way.  
 Proposed Start Work Date: November 17, 2017 Estimated Completion Date: January 17, 2017  
 Pavement Cut?  Yes  No Directional Bore/Boring?  Yes  No Excavation?  Yes  No  
 Lane Closure?  Yes  No Other: \_\_\_\_\_  
 Applicant's Printed Name: Mike Bitsche Signature: Mike Bitsche Position with Company: Project Manger  
 Applicant's E-mail: Mike.Bitsche@fiberlight.com Applicant's Phone #: 972.695.2805  
 Direct Supervisor's Name: Judd Carothers Phone Number: 817.613.1825 Company Name: Fiberlight  
 Supervisor's E-mail: \_\_\_\_\_

**FOR ADDISON USE ONLY**

Received By: Michelle S. Entered?  Yes  No Received Date: 11-3-17  
 Approved By: [Signature] Inspector: JE Issue Date: 11/15/17  
 Plans Submitted?  Yes  No  N/A Traffic Control Plan submitted?  Yes  No  N/A Expiration Date: 11/29/17  
 Insurance Provided?  Yes  No  On File Performance/Maintenance Bond?  Yes  No  On File  N/A  
 Fee Paid: NA Receipt #: CTP Processed By: Michelle S.  
 Picked Up By: Noah Company: Kinetic Date & Time: 11-17-17

TOWN OF ADDISON INFRASTRUCTURE AND DEVELOPMENT SERVICES DEPARTMENT  
 ATTN.: RIGHT OF WAY PERMIT - DAVE WILDE 972-450-2847  
 16801 WESTGROVE RD. ADDISON, TX 75001-9010  
 PHONE: 972-450-2871 FAX: 972-450-2837



**FOR ADDISON USE ONLY**  
 Permit Number: W-1267  
 Location: 3790 Vitruvian Way

**APPLICATION**  
**Right of Way Work Permit -FRANCHISE**  
 (For Franchise Utility/CTP - Street Cut/Excavation/Lane Closure)

**Sub-Contractor List**

**PLEASE PRINT LEGIBLY**

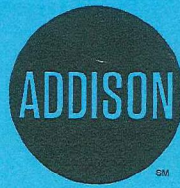
**General Contractor's Name:** Kintec Solutions **General Contractor's Phone #:** 214.395.1604

**Sub-Contractor #1** Company Name: \_\_\_\_\_ Address: \_\_\_\_\_  
 Print Sub-Contractor's Name: \_\_\_\_\_ Sub-Contractor Phone #: \_\_\_\_\_  
 Sub-Contractor's E-mail: \_\_\_\_\_  
 Print Site Supervisor's Name: \_\_\_\_\_ Supervisor's Phone #: \_\_\_\_\_  
 Site Supervisor's E-mail: \_\_\_\_\_  
 Insurance Provided?  Yes  No  On File

**Sub-Contractor #2** Company Name: \_\_\_\_\_ Address: \_\_\_\_\_  
 Print Sub-Contractor's Name: \_\_\_\_\_ Sub-Contractor Phone #: \_\_\_\_\_  
 Sub-Contractor's E-mail: \_\_\_\_\_  
 Print Supervisor's Name: \_\_\_\_\_ Supervisor's Phone #: \_\_\_\_\_  
 Site Supervisor's E-mail: \_\_\_\_\_  
 Insurance Provided?  Yes  No  On File

**Sub-Contractor #3** Company Name: \_\_\_\_\_ Address: \_\_\_\_\_  
 Print Sub-Contractor's Name: \_\_\_\_\_ Sub-Contractor Phone #: \_\_\_\_\_  
 Sub-Contractor's E-mail: \_\_\_\_\_  
 Print Supervisor's Name: \_\_\_\_\_ Supervisor's Phone #: \_\_\_\_\_  
 Site Supervisor's E-mail: \_\_\_\_\_  
 Insurance Provided?  Yes  No  On File

**RIGHT OF WAY, EXCAVATION &  
LANE CLOSURE PERMIT**



**INFRASTRUCTURE &  
DEVELOPMENT SERVICES**

16801 WESTGROVE DRIVE  
ADDISON, TEXAS 75001  
972.450.2871

**W-1267**

PERMIT NUMBER

**11/17/17**

START DATE

**01/17/18**

EST. COMPLETION DATE

**KINETIC SOLUTIONS FIBERLIGHT**

CONTRACTOR

FOR

**3990 VITRUVIAN WAY**

LOCATION (ADDRESS)

**EAST ROW FROM SPRING VALLEY TO ADDRESS**

LOCATION (ACTUAL)

**PLACE NEW UNDERGROUND FACILITIES FOR SERVICE TO ADDRESS**

TYPE OF WORK

THIS CARD MUST BE DISPLAYED ON THE JOB SITE AT ALL TIMES.



# FiberLight

3990 VITRUVIAN WAY  
ADDISON, TEXAS

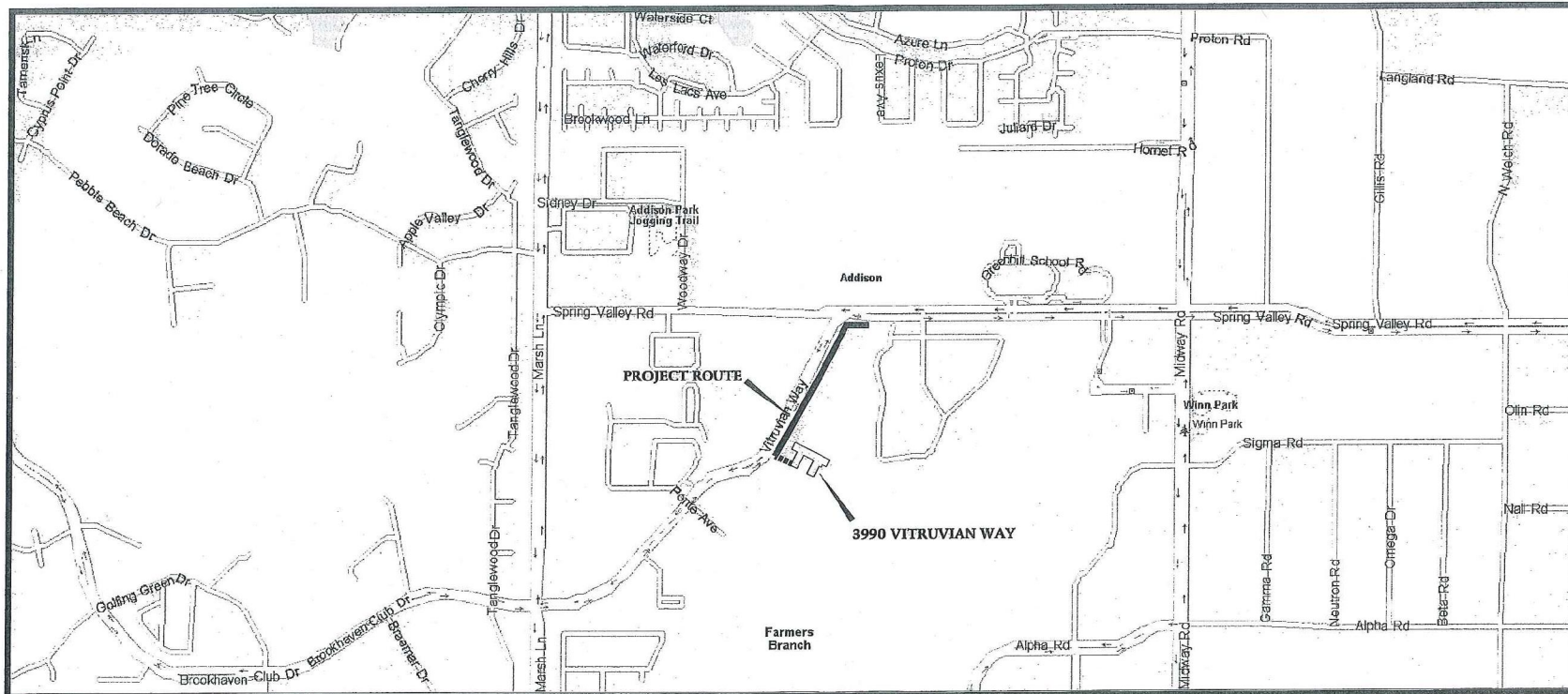
PREPARED BY:



#17282CS01



MAP SHEET



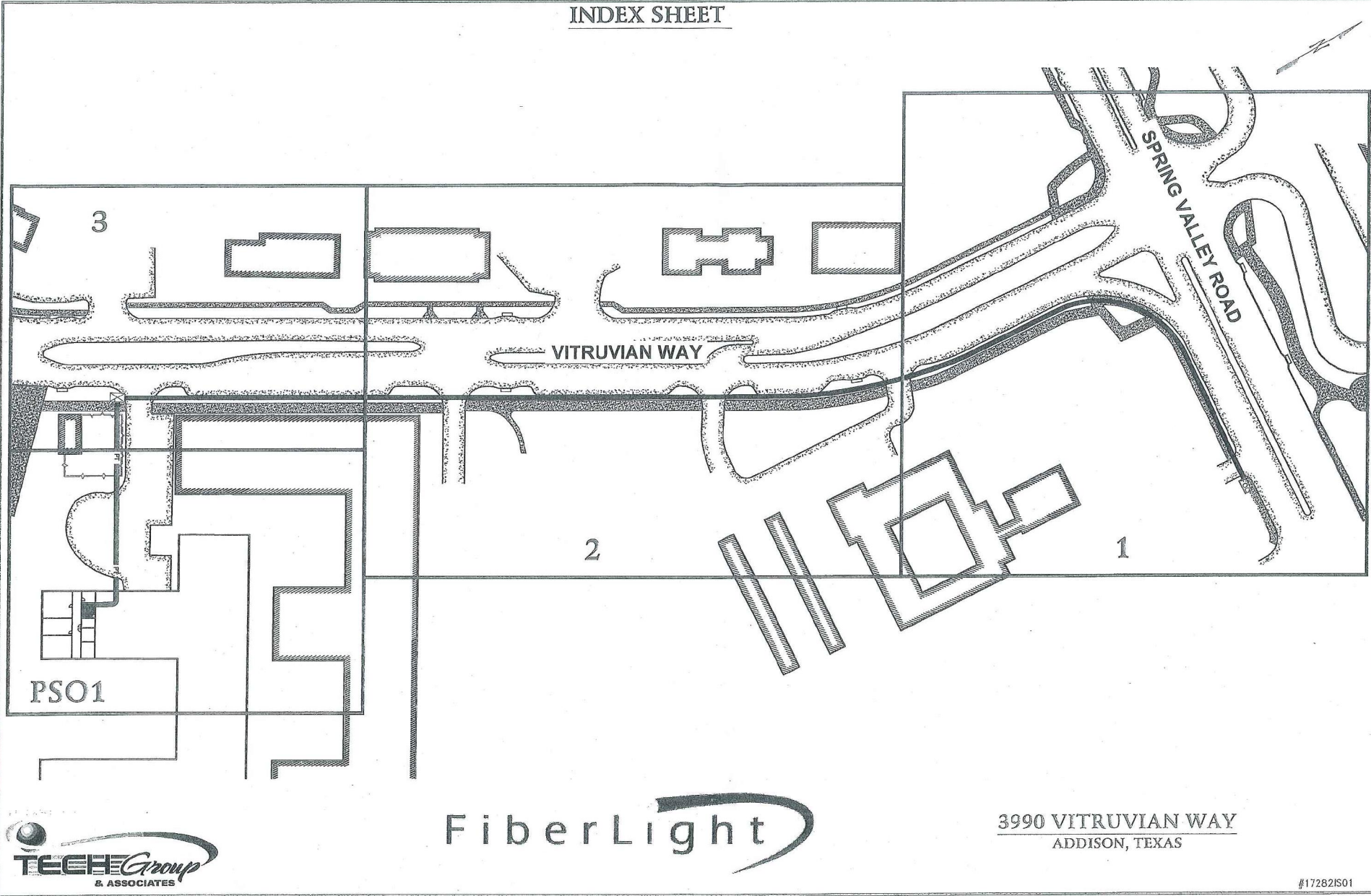
PREPARED BY:



FiberLight

**3990 VATRUVIAN WAY**  
ADDISON, TEXAS

INDEX SHEET



PSO1



FiberLight

3990 VITRUVIAN WAY  
ADDISON, TEXAS

#17282IS01







## GENERAL NOTES

PROJECT ID # EL-UN

### TOTALS

FIBER THIS SHEET: \_\_\_\_\_

STATIONING \_\_\_\_\_

CONDUIT \_\_\_\_\_

MATERIAL LIST	QUANTITY
48 FIBER OPTIC CABLE	
3'x5'x4" MH	
3'x5'x4" HH	
1.25" H.D.P.E. - TOTAL	
4" P.V.C. - TOTAL	
INNERDUCT	
FIBER CABLE	
CORE	


LABOR LIST	QUANTITY
PLACE DUCT	
PULL FIBER	
PLACE MH	
PLACE HH	
PLACE MARKER	

### REVISIONS

DATE	DESCRIPTION	INITIAL

APPLICABLE CODES	CABLE VAULT INSTALLATION NOTES:	PROJECT INFORMATION	FIBERLIGHT GENERAL NOTES:
<p>AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS - LATEST EDITION</p> <p>OCCUPATIONAL SAFETY AND HEALTH STANDARDS - LATEST EDITION</p> <p>MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES</p>	<ol style="list-style-type: none"> <li>1. FOR LOCATION AND ORIENTATION OF CABLE VAULTS, SEE NETWORK ROUTE PLAN.</li> <li>2. ALL OPENINGS, PENETRATIONS AND JOINTS IN CABLE VAULTS SEALED WITH A NON-SHRINK GROUT TO FORM A WATERTIGHT CABLE VAULT.</li> <li>3. CABLE VAULTS INSTALLED ON A BASE CONSISTING OF CLEAN GRAVEL OR CRUSHED STONE. THE MINIMUM THICKNESS OF THE BASE SHALL BE TWELVE INCHES (12").</li> <li>4. FINISHED SURFACE REPAIRED TO A CONDITION EQUAL TO OR GREATER THAN ORIGINAL CONDITIONS.</li> <li>5. BOTTOM OF EXCAVATION COMPACTED AND LEVELED PRIOR TO CABLE VAULT INSTALLATION.</li> <li>6. PLACE THE VAULT SO THAT THE COVER IS AT THE DESIRED GRADE ELEVATION.</li> </ol>		<ol style="list-style-type: none"> <li>1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, AND SEQUENCES FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.</li> <li>2. THE CONTRACTOR SHALL VISIT THE JOB SITE TO REVIEW THE SCOPE OF WORK AND EXISTING JOB SITE CONDITIONS.</li> <li>3. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO SUBMITTING A BID. ANY DISCREPANCIES, CONFLICTS, OR OMISSIONS, SHALL BE REPORTED TO FIBER DANIEL BEFORE PROCEEDING WITH THE WORK.</li> <li>4. THE CONTRACTOR SHALL PROTECT ALL AREAS FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE BY CONTRACTOR TO NEW AND EXISTING CONSTRUCTION, STRUCTURE, LANDSCAPING, OR EQUIPMENT SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE ROW OWNER AND FIBER DANIEL AT THE EXPENSE OF THE CONTRACTOR.</li> <li>5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR, AND SHALL REPLACE OR REMEDY, ANY FINALLY, IMPROPER, OR INFERIOR MATERIALS OR WORKMANSHIP OR ANY DAMAGE WHICH SHALL APPEAR WITHIN ONE YEAR AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK UNDER THIS CONTRACT.</li> <li>6. THE CONTRACTOR SHALL REMOVE ALL RUBBER AND WASTE MATERIALS ON A REGULAR BASIS, AND SHALL EXERCISE STRICT CONTROL OVER JOB CLEANING THROUGHOUT CONSTRUCTION UP TO COMPLETION OF WORK.</li> <li>7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES ADJACENT TO OR CROSSING THE NETWORK ROUTE, WHETHER SHOWN HEREIN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSES FOR REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY CONTRACTOR IN CONNECTION WITH THE EXECUTION OF WORK.</li> <li>8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE WHILE THE JOB IS IN PROGRESS AND UNTIL THE JOB IS COMPLETED.</li> <li>9. THE CONTRACTOR SHALL PROVIDE TEMPORARY WATER, POWER, AND TOILET FACILITIES AS REQUIRED BY THE CITY OR GOVERNING AGENCY.</li> <li>10. THE CONTRACTOR SHALL NOTIFY FIBER DANIEL IF DETAILS ARE CONSIDERED UNSUITABLE, UNSAFE, NOT WATERPROOF, OR NOT WITHIN CUSTOMARY TRADE PRACTICE. IF WORK IS PERFORMED, IT WILL BE ASSUMED THAT THERE IS NO OBJECTION TO THE DETAIL. DETAILS ARE INTENDED TO SHOW THE END RESULT OF THE DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS, AND SHALL BE INCLUDED AS PART OF THE WORK.</li> <li>11. ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING THEIR EXACT MEANING, FIBER DANIEL SHALL BE NOTIFIED FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.</li> <li>12. ALL GRADES SHOWN AS PROPOSED FINISHED GRADES INCLUDE SURFACE TREATMENTS SUCH AS TOPSOIL OR PAVEMENT. MAKE ALLOWANCES DURING EARTHWORK OPERATIONS FOR THESE SURFACE TREATMENTS.</li> <li>13. ALL WORK SHOWN ON THE OSP DRAWINGS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIFICATION 02200 - FDC OSP - CONDUIT SYSTEMS.</li> </ol>

CITY GENERAL NOTES:	GENERAL COMMENTS
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<p style="text-align: center;">GENERAL NOTE SPECIFICATIONS FOR THE CITY OF ADDISON</p> <ol style="list-style-type: none"> <li>1. ALL IMPROVEMENTS SUCH AS PAVEMENT, CURB AND GUTTERS, WALKS, DRAINAGE DITCHES, SHRUBS, GRASS SOD, ETC. WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER.</li> <li>2. UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM FIELD OBSERVATIONS AND AVAILABLE RECORDS BUT ARE NOT NECESSARILY EXACT. UTILITIES WILL BE VERIFIED IN ADVANCE OF TRENCHING SO THAT CHANGES IN ALIGNMENT AND OR GRADES MAY BE MADE IN CASES OF CONFLICTS.</li> <li>3. 1 1/2" DEEP SAW CUTS WILL BE MADE AT LEAST 12" OUTSIDE OF DITCH LINES PRIOR TO REPLACEMENT OF CONCRETE OR ASPHALT PAVEMENT, WALKS AND DRIVES. PAVEMENT, WALKS AND DRIVE RESTORATION WILL BE OF THE SAME TYPE AS REMOVE, PER CITY OF ADDISON RESTORATION REQUIREMENTS.</li> <li>4. ALL PAVEMENT, WALKS AND DRIVE CONCRETE REPLACEMENT IS TO BE OF A MIX DESIGN.</li> <li>5. THE CONSTRUCTION SITE IS TO BE SUITABLY LIGHTED AND BARRICADED AT NIGHT.</li> <li>6. ALL PAVEMENT CUTS MUST BE A MIN. 36" AND 100% RESTORED WITH A FLOWABLE TYPE BACKFILL, SUCH AS DRIFILL, OR CUSTOM CRIE'S EXPANDABLE BACKFILL, ETC., WITH AN APPROPRIATE COMPRESSION STRENGTH OF 100 P.S.I. EXAMPLES OF CUTS INCLUDE STREETS, DRIVEWAYS, SIDEWALKS, ALLEYS, ETC. ALL CONCRETE PAVEMENT CUT RESTORAL SEAMS MUST BE SEALED WITH HOT ASPHALT MIX.</li> <li>7. THE FOLLOWING DIMSIONS WITHIN THE CITY OF ADDISON WILL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO CONSTRUCTION SO THAT LOCATES MAY BE MARKED.            WATER/SEWER.....450-2873            LONE STAR GAS.....263-3444            ONE CALL LOCATE, AT&amp;T, MCI, SWB, TELEPORT,            MFS, GTE, WILTEL, TU.ELECTRIC, TCI, SPRINT 1-800-395-0440</li> <li>8. UNLESS OTHERWISE NOTED, ALL CONDUIT TO BE BURIED TO A MINIMUM OF 36" COVER, OR AS SPECIFIED.</li> <li>9. GROUT FILL VOIDS AROUND ENCASEMENT PIPES, PLACE CONCRETE BULKHEADS AT EACH END OF BORE PIPES.</li> </ol>	<div style="text-align: center;">  <p>CALL BEFORE YOU DIG 1-800-DIG-TESS 72 HOURS NOTICE REQUIRED</p> </div>
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### FIBER OPTIC CABLE ROUTE

3990 VATRIJMAN WAY  
ADDISON, TEXAS

DATE: OCTOBER 2017



### MATERIAL TAKE-OFF SHEET

PROJECT ID #		
TOTALS		
FIBER THIS SHEET: _____		
STATIONING _____		
CONDUIT _____		
MATERIAL LIST	QUANTITY	
48 FIBER OPTIC CABLE		
3"x5"x4" MH		
3"x5"x4" HH		
1.25" H.D.P.E. - TOTAL		
4" P.V.C. - TOTAL		
INNERDUCT		
FIBER CABLE		
CORE		
LABOR LIST	QUANTITY	
PLACE DUCT		
PULL FIBER		
PLACE MH		
PLACE HH		
PLACE MARKER		
FIBER OPTIC CABLE ROUTE		
3990 VIRTRUVIAN WAY ADDISON, TEXAS		
DATE: OCTOBER 2017		
REVISIONS		
DATE	DESCRIPTION	INITIAL
SCALE: HOR. 1=40		
VERT. 1=40		
DISCLAIMER		
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DWG. NO.17282MR01		

#### OUTSIDE PLANT

DESCRIPTION	QUANTITY	UNITS	NOTES\COMMENTS
DIRECTIONAL BORE	1,270'	L.F.	
TRENCH & PLACE	0'	L.F.	
PULL THRU	230'	L.F.	
H.D.P.E.	2,540'	L.F.	
48 FIBER CABLE	1,825'	L.F.	
HANDHOLE(S)	1	EACH	
U-GUARD	-	L.F.	
GUY	-	EACH	
4" SDR-11	0'	L.F.	

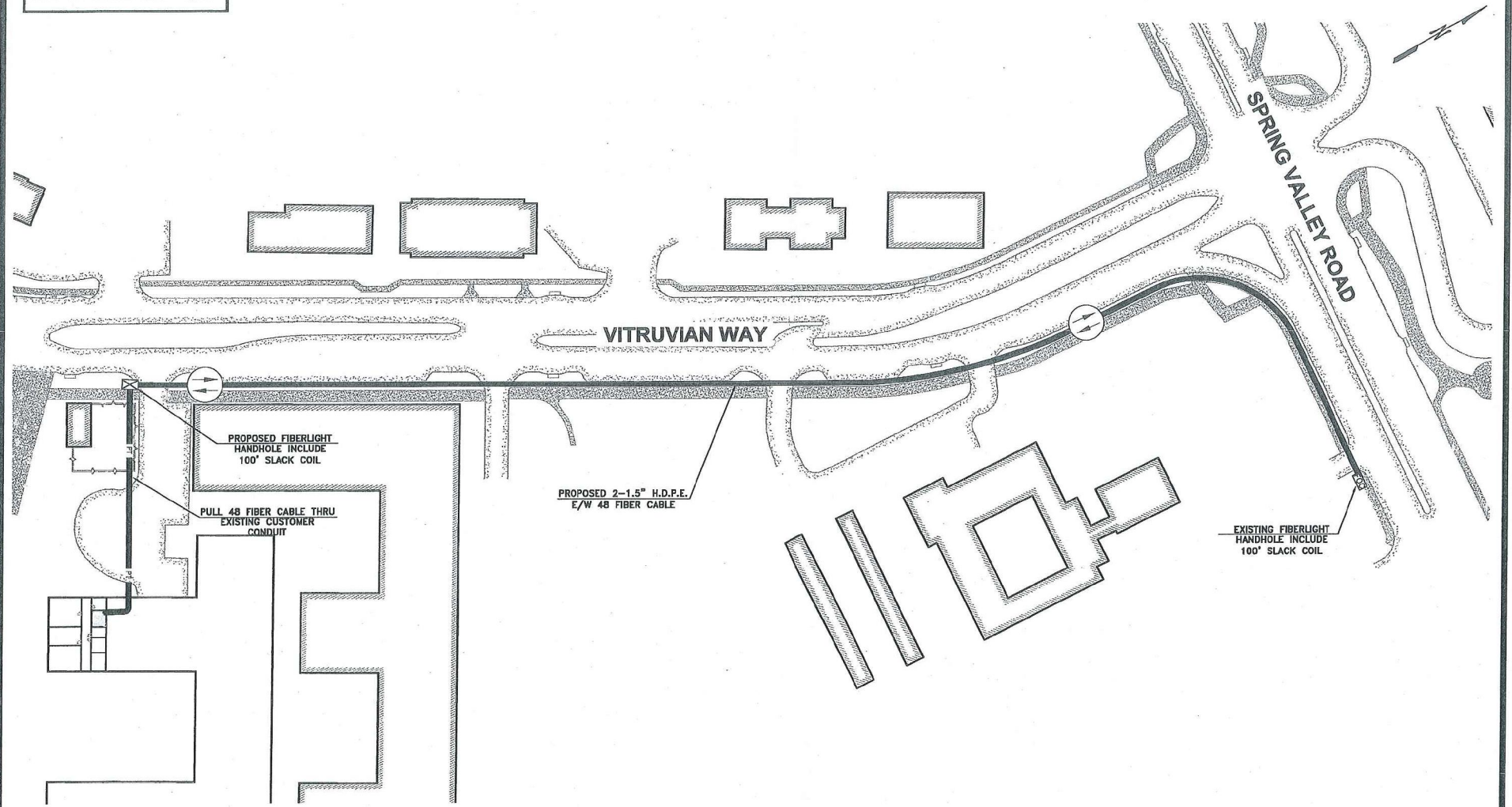
#### INSIDE PLANT

DESCRIPTION	QUANTITY	UNITS	NOTES\COMMENTS
PULL THRU	0'	L.F.	
2" PLENUM RATED INNERDUCT	0'	L.F.	
1.25" E.M.T.	0'	L.F.	
PULL BOX(ES)	0	EACH	
72 FIBER CABLE	0'	L.F.	



# FIBER SCHEMATIC SHEET

NOTE:  
TOTAL OSP FIBERLIGHT FIBER = 1,625'



PREPARED BY:



**3990 VITRUVIAN WAY**  
ADDISON, TEXAS

#17282FS01





**MATERIAL RAKE-OFF SHEET**

PROJECT ID # \_\_\_\_\_

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

MATERIAL LIST	QUANTITY
48 FIBER OPTIC CABLE	
3'x5'x4" MH	
3'x5'x4" HH	
1.25" H.D.P.E. - TOTAL	
4" P.V.C. - TOTAL	
INNERDUCT	
FIBER CABLE	
CORE	

LABOR LIST	QUANTITY
PLACE DUCT	
PULL FIBER	
PLACE MH	
PLACE HH	
PLACE MARKER	

**FiberLight**

**TECH Group**  
 & ASSOCIATES

FIBER OPTIC CABLE ROUTE

3990 VIRTRUVIAN WAY  
 ADDISON, TEXAS

DATE: OCTOBER 2017

REVISIONS		
DATE	DESCRIPTION	INITIAL

SCALE: HOR. 1=40  
 VERT. 1=40

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DWG. NO.17282MR01

**OUTSIDE PLANT**

DESCRIPTION	QUANTITY	UNITS	NOTES\COMMENTS
DIRECTIONAL BORE	1,270'	L.F.	
TRENCH & PLACE	0'	L.F.	
PULL THRU	230'	L.F.	
H.D.P.E.	2,530'	L.F.	
48 FIBER CABLE	1,725'	L.F.	
HANDHOLE(S)	1	EACH	
U-GUARD	-	L.F.	
GUY	-	EACH	
4" SDR-11	0'	L.F.	

**INSIDE PLANT**

DESCRIPTION	QUANTITY	UNITS	NOTES\COMMENTS
PULL THRU	0'	L.F.	
2" PLENUM RATED INNERDUCT	0'	L.F.	
1.25" E.M.T.	0'	L.F.	
PULL BOX(ES)	0	EACH	
72 FIBER CABLE	0'	L.F.	

# MANHOLE/HANDHOLE TYPICAL DETAILS

ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4500 psi.

REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60, A706 GRADE 60 OR A497 GRADE 70. BAR BENDING AND PLACEMENT SHALL COMPLY WITH THE LATEST ACI STANDARDS

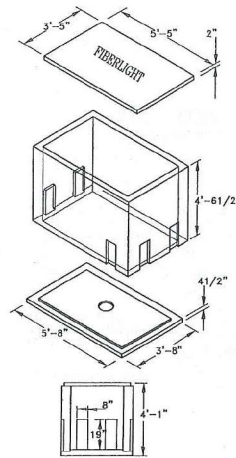
STANDARD STRUCTURAL DESIGN IS BASED ON AASHTO HS 20 WHEEL LOADING

WATER TABLE IS AT 3'-0" BELOW GRADE FOR STANDARD STRUCTURAL DESIGN

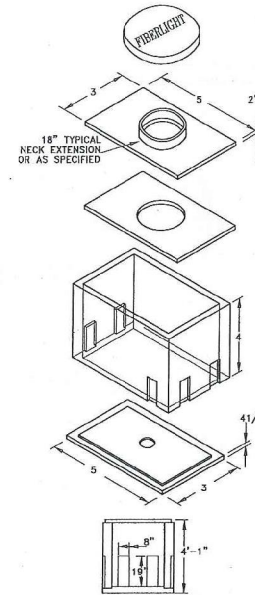
THE STANDARD DESIGN IS BASED ON THE TOP AT ANY ELEVATION BETWEEN FINISHED GRADE AND 5'-0" BELOW GRADE. THE STRUCTURE SHALL BE PLACED ON A COMPACTED GRANULAR BASE TO INSURE UNIFORM DISTRIBUTION OF SOIL PRESSURES.

SPECIAL DESIGNS BASED ON OTHER LOADINGS OR DEEPER INSTALLATION DEPTHS ARE LOADINGS OR KNOCKOUTS, OR PIPE OPENINGS CAN BE PROVIDED IN THE SIZE AND LOCATIONS REQUIRED.

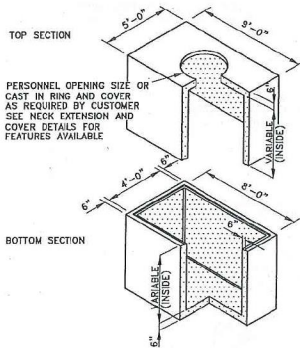
INSERTS, PULLING IRONS OR SUMPS CAN BE SUPPLIED AS REQUESTED



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



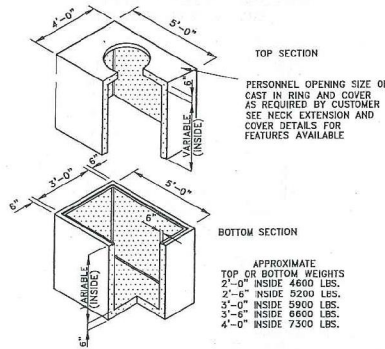
3' x 5' x 4' PRE-CAST  
MANHOLE



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

APPROXIMATE  
TOP OR BOTTOM WEIGHTS  
2'-0" INSIDE 7300 LBS.  
2'-5" INSIDE 8300 LBS.  
3'-0" INSIDE 9300 LBS.  
3'-5" INSIDE 10300 LBS.  
4'-0" INSIDE 11200 LBS.



MINIMUM EXCAVATION  
7'-0" x 11'-0"



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

APPROXIMATE  
TOP OR BOTTOM WEIGHTS  
2'-0" INSIDE 4600 LBS.  
2'-5" INSIDE 5200 LBS.  
3'-0" INSIDE 5900 LBS.  
3'-5" INSIDE 6600 LBS.  
4'-0" INSIDE 7300 LBS.

MINIMUM EXCAVATION  
6'-0" x 8'-0"

PROJECT ID # _____		
<b>TOTALS</b>		
FIBER THIS SHEET: _____		
STATIONING _____		
CONDUIT _____		
<b>MATERIAL LIST</b>	<b>QUANTITY</b>	
48 FIBER OPTIC CABLE		
3'x5'x4' MH		
3'x5'x4' HH		
1.25" H.D.P.E. - TOTAL		
4" P.V.C. - TOTAL		
INNERDUCT		
FIBER CABLE		
CORE		
<b>LABOR LIST</b>		
<b>QUANTITY</b>		
PLACE DUCT		
PULL FIBER		
PLACE MH		
PLACE HH		
PLACE MARKER		
 		
<b>FIBER OPTIC CABLE ROUTE</b>  3890 VITRUVAN WAY ADDISON, TEXAS		
DATE: OCTOBER 2017		
<b>REVISIONS</b>		
DATE	DESCRIPTION	INITIAL
SCALE: HOR. N.T.S.		
VERT. N.T.S.		
<b>DISCLAIMER</b>		
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DWG. NO. 17282DT02		



**3990 VITRUVIAN WAY**  
ADDISON, TEXAS



PROJECT ID # \_\_\_\_\_

**TOTALS**

FIBER THIS SHEET: \_\_\_\_\_  
STATIONING \_\_\_\_\_  
CONDUIT \_\_\_\_\_

**MATERIAL LIST**      QUANTITY

48 FIBER OPTIC CABLE	
3'x5'x4" MH	
3'x5'x4" HH	
1.25" H.D.P.E. - TOTAL	
4" P.V.C. - TOTAL	
INNERDUCT	
FIBER CABLE	
CORE	

**LABOR LIST**      QUANTITY

PLACE DUCT	
PULL FIBER	
PLACE MH	
PLACE HH	
PLACE MARKER	

FiberLight



FIBER OPTIC CABLE ROUTE

3990 VITRUVIAN WAY  
ADDISON, TEXAS

DATE: OCTOBER 2017

**REVISIONS**

DATE	DESCRIPTION	INITIAL

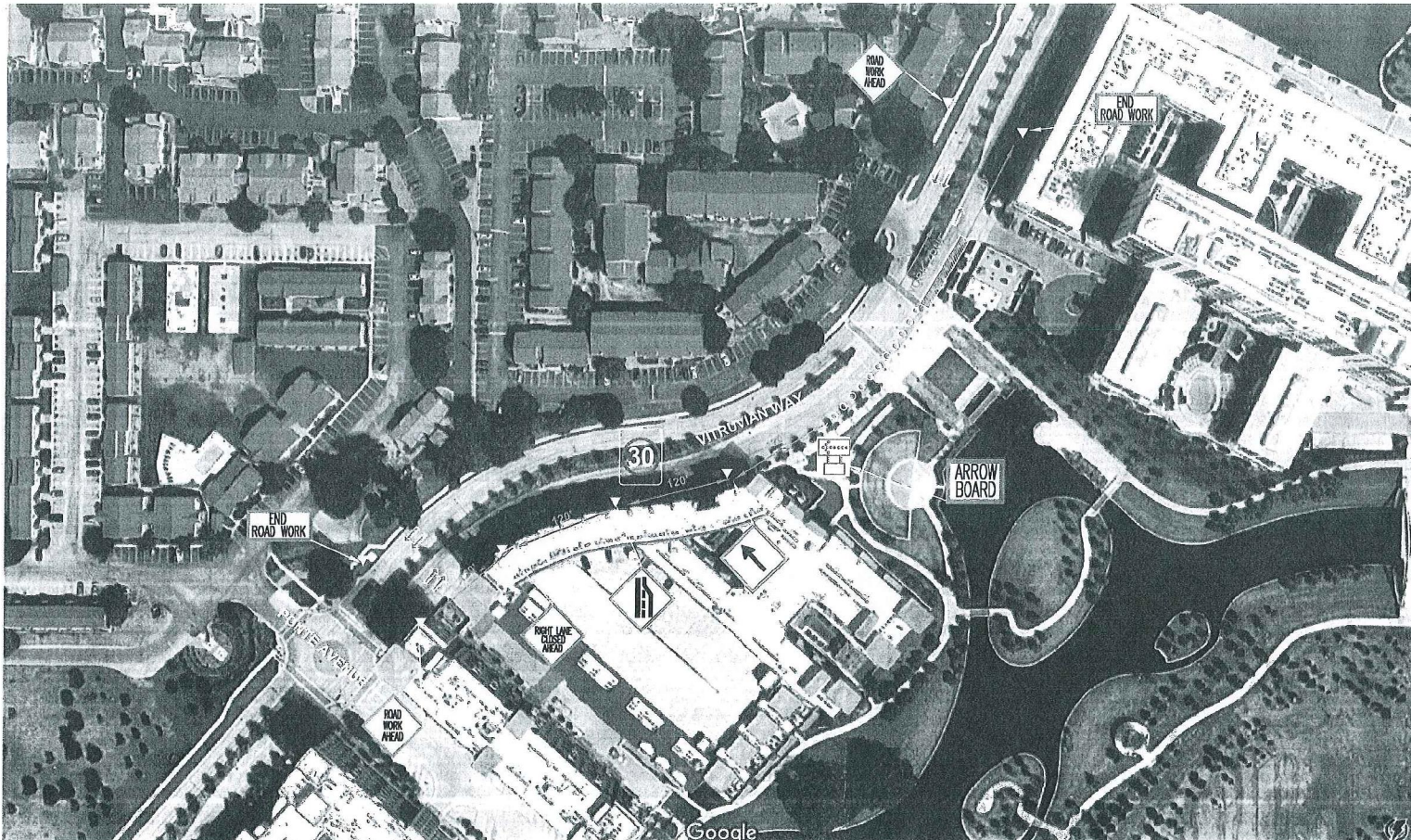
SCALE: HOR. NTS

VERT. NTS

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DWC. NO. 17282TFC01



TEXAS EXCAVATION  
SAFETY SYSTEM



**3990 VITRUVIAN WAY**  
ADDISON, TEXAS



PROJECT ID # \_\_\_\_\_

**TOTALS**

FIBER THIS SHEET: \_\_\_\_\_  
STATIONING: \_\_\_\_\_  
CONDUIT: \_\_\_\_\_

**MATERIAL LIST** QUANTITY

48 FIBER OPTIC CABLE	
3'x5'x4" MH	
3'x5'x4' HH	
1.25" H.D.P.E. - TOTAL	
4" P.V.C. - TOTAL	
INNERDUCT	
FIBER CABLE	
CORE	

**LABOR LIST** QUANTITY

PLACE DUCT	
PULL FIBER	
PLACE MH	
PLACE HH	
PLACE MARKER	



**FIBER OPTIC CABLE ROUTE**

3990 VITRUVIAN WAY  
ADDISON, TEXAS

DATE: OCTOBER 2017

**REVISIONS**

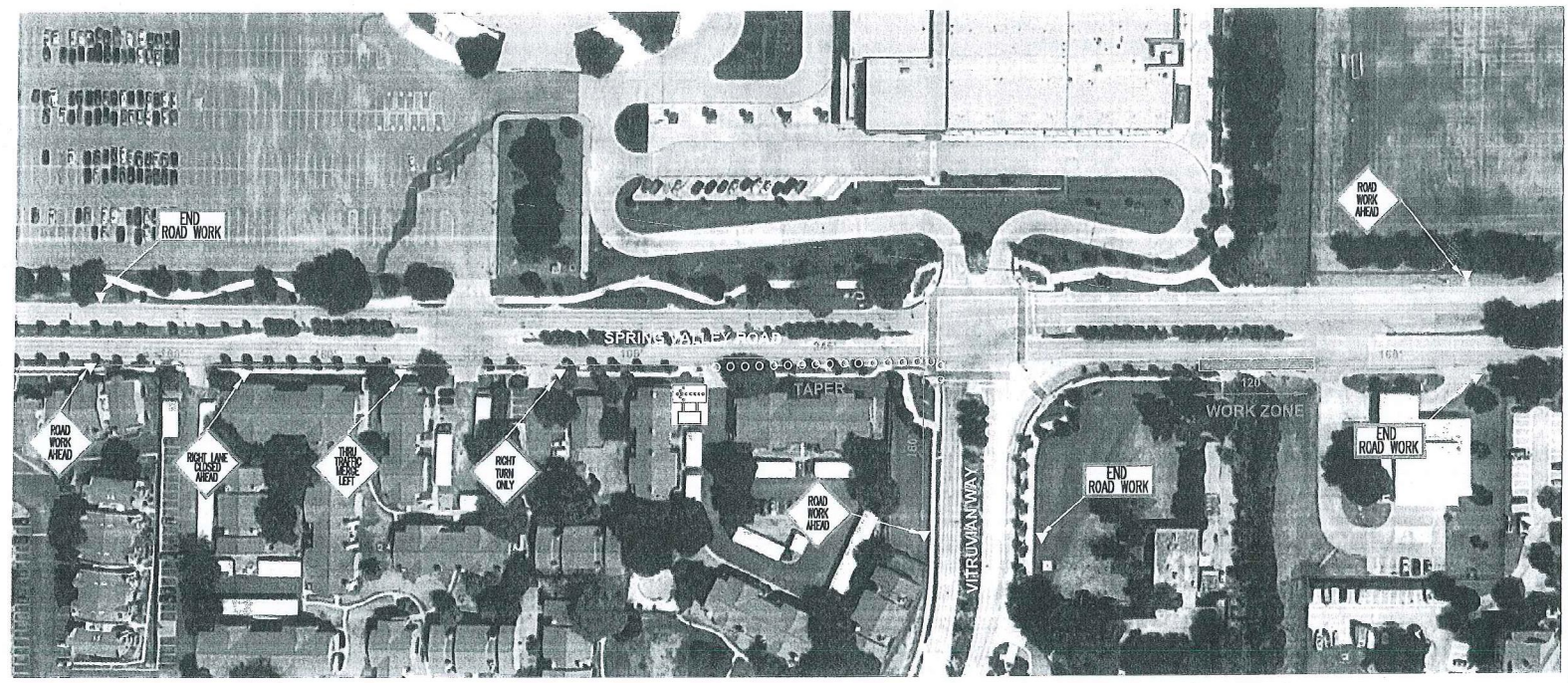
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SCALE: HOR. NTS  
VERT. NTS

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DWG. NO. 17282TFC02

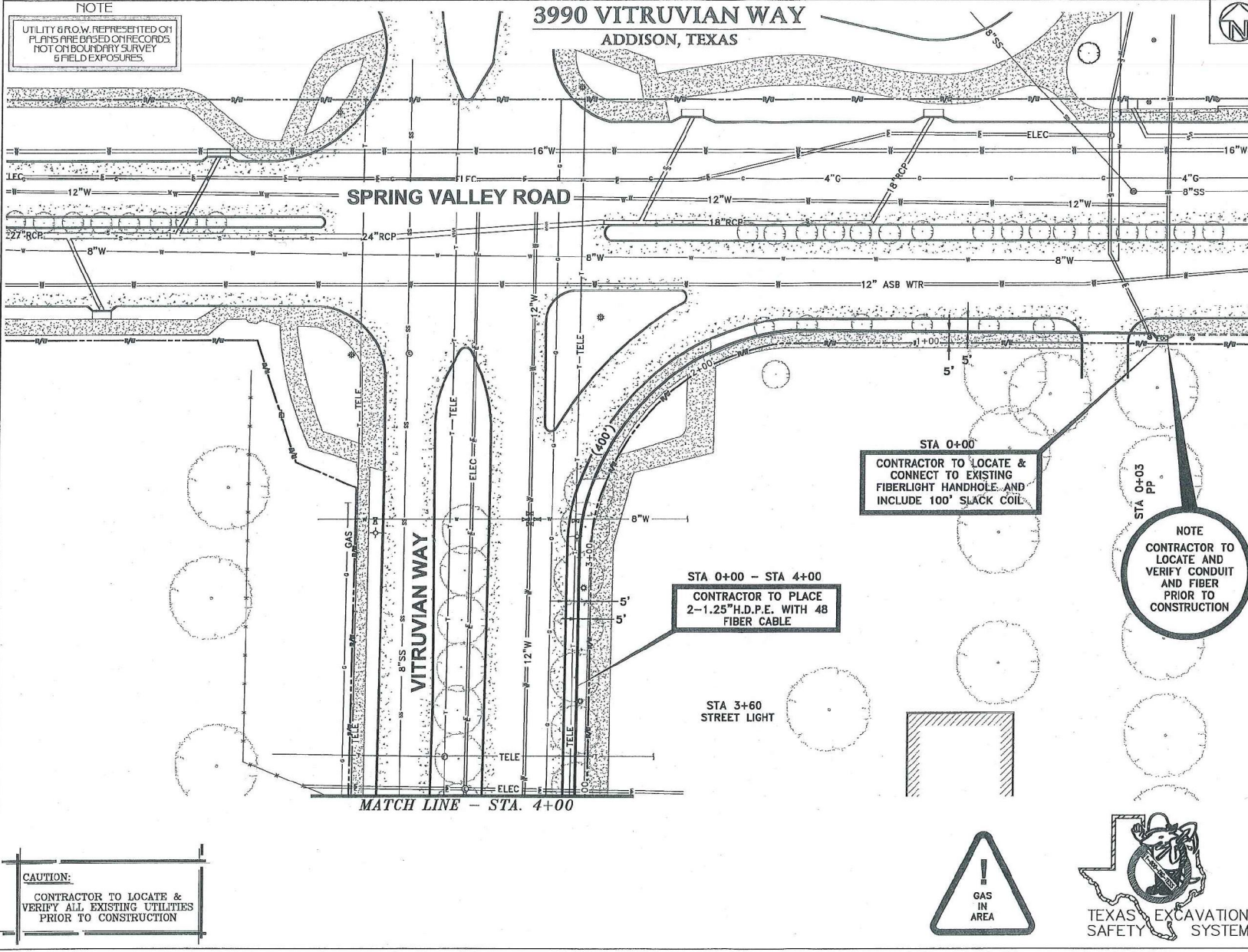




**NOTE**

UTILITY & ROW REPRESENTED ON PLANS ARE BASED ON RECORDS. NOT ON BOUNDARY SURVEY & FIELD EXPOSURES.

**3990 VITRUVIAN WAY  
ADDISON, TEXAS**



PROJECT ID #

**TOTALS**

FIBER THIS SHEET: \_\_\_\_\_  
STATIONING \_\_\_\_\_  
CONDUIT \_\_\_\_\_

MATERIAL LIST	QUANTITY
48 FIBER OPTIC CABLE	500'
3'x5'x4" MH	
3'x5'x4" HH	
1.25" H.D.P.E. - TOTAL	800'
4" F.V.C. - TOTAL	
INNERDUCT	
FIBER CABLE	
CORE	

**LABOR LIST**

LABOR LIST	QUANTITY
PLACE DUCT	400'
PULL FIBER	
PLACE MH	
PLACE HH	
PLACE MARKER	



**FIBER OPTIC CABLE ROUTE**

3990 VITRUVIAN WAY  
ADDISON, TEXAS

DATE: OCTOBER 2017

**REVISIONS**

DATE	DESCRIPTION	INITIAL

SCALE: HOR. 1=40  
VERT. 1=40

**DISCLAIMER**

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DWG. NO. 17282PV01

**STA 0+00**  
CONTRACTOR TO LOCATE & CONNECT TO EXISTING FIBERLIGHT HANDHOLE AND INCLUDE 100' SLACK COIL

**NOTE**  
CONTRACTOR TO LOCATE AND VERIFY CONDUIT AND FIBER PRIOR TO CONSTRUCTION

**STA 0+00 - STA 4+00**  
CONTRACTOR TO PLACE 2-1.25" H.D.P.E. WITH 48 FIBER CABLE

**STA 3+60**  
STREET LIGHT

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



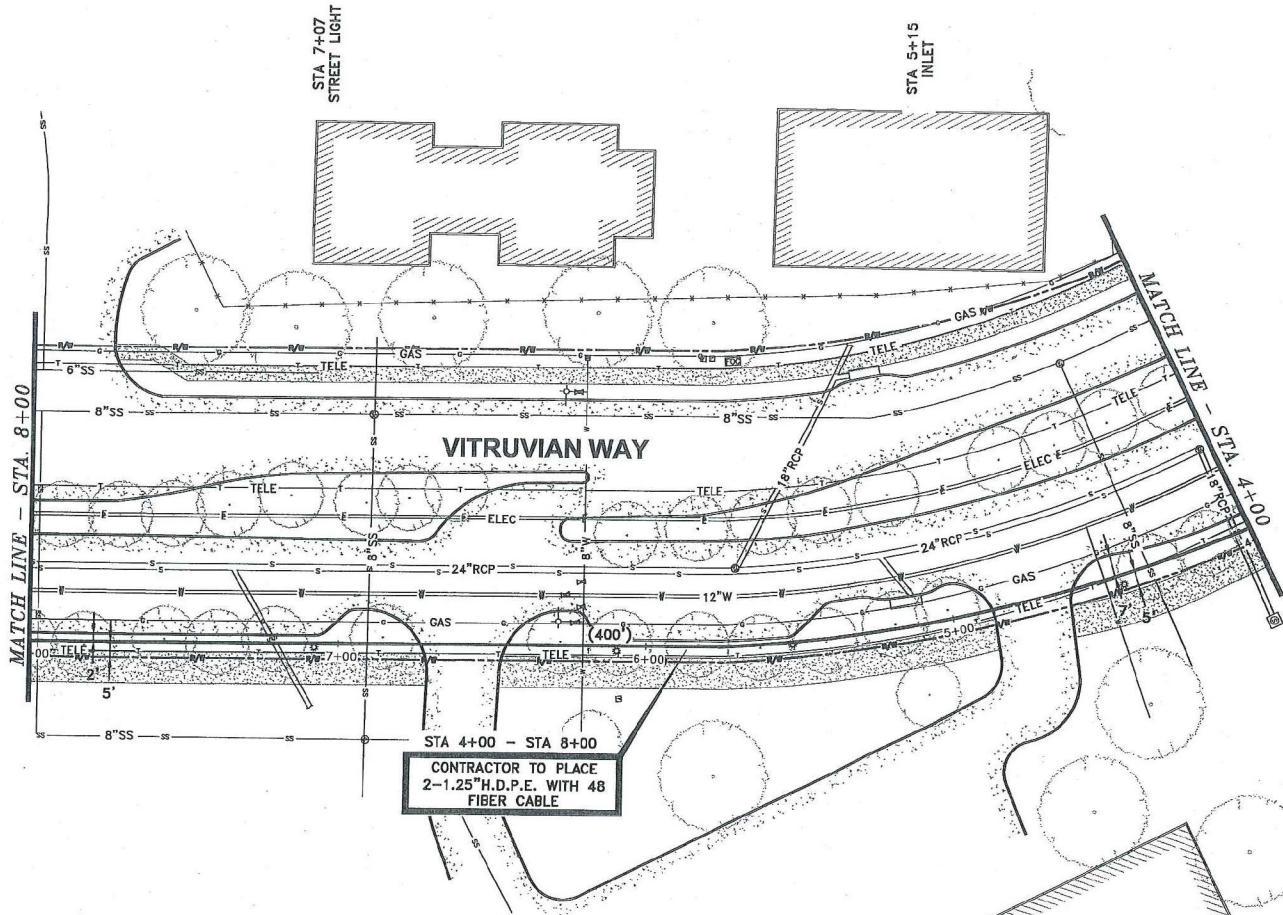
**NOTE**

UTILITY & R.O.W. REPRESENTED ON PLANS ARE BASED ON RECORDS, NOT ON BOUNDARY SURVEY & FIELD EXPOSURES.

**3990 VITRUVIAN WAY**  
ADDISON, TEXAS



PROJECT ID #		
<b>TOTALS</b>		
FIBER THIS SHEET: _____		
STATIONING _____		
CONDUIT _____		
<b>MATERIAL LIST</b>	<b>QUANTITY</b>	
48 FIBER OPTIC CABLE	400'	
3'x5'x4" MH		
3'x5'x4" HH		
1.25" H.D.P.E. - TOTAL	800'	
4" P.V.C. - TOTAL		
INNERDUCT		
FIBER CABLE		
CORE		
<b>LABOR LIST</b>	<b>QUANTITY</b>	
PLACE DUCT	400'	
PULL FIBER		
PLACE MH		
PLACE HH		
PLACE MARKER		
<b>FiberLight</b>		
<b>TECH Group &amp; ASSOCIATES</b>		
FIBER OPTIC CABLE ROUTE		
3990 VITRUVIAN WAY ADDISON, TEXAS		
DATE: OCTOBER 2017		
<b>REVISIONS</b>		
DATE	DESCRIPTION	INITIAL
SCALE: HOR. 1=40		
VERT. 1=40		
<b>DISCLAIMER</b>		
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DWG. NO. 17282PV01		



STA 4+00 - STA 8+00  
CONTRACTOR TO PLACE  
2-1.25" H.D.P.E. WITH 48  
FIBER CABLE

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





**NOTE**

UTILITY GROW REPRESENTED ON PLANS ARE BASED ON RECORDS NOT ON BOUNDARY SURVEY & FIELD EXPOSURES.

**3990 VITRUVIAN WAY  
ADDISON, TEXAS**



PROJECT ID #

**TOTALS**

FIBER THIS SHEET: \_\_\_\_\_  
STATIONING \_\_\_\_\_  
CONDUIT \_\_\_\_\_

**MATERIAL LIST** QUANTITY

48 FIBER OPTIC CABLE	570'
3'x5'x4" MH	
3'x5'x4" HH	1
1.25" H.D.P.E. - TOTAL	930'
4" P.V.C. - TOTAL	
INNERDUCT	
FIBER CABLE	
CORE	

**LABOR LIST** QUANTITY

PLACE DUCT	470'
PULL FIBER	
PLACE MH	
PLACE HH	
PLACE MARKER	

FiberLight



**FIBER OPTIC CABLE ROUTE**

3990 VITRUVIAN WAY  
ADDISON, TEXAS

DATE: OCTOBER 2017

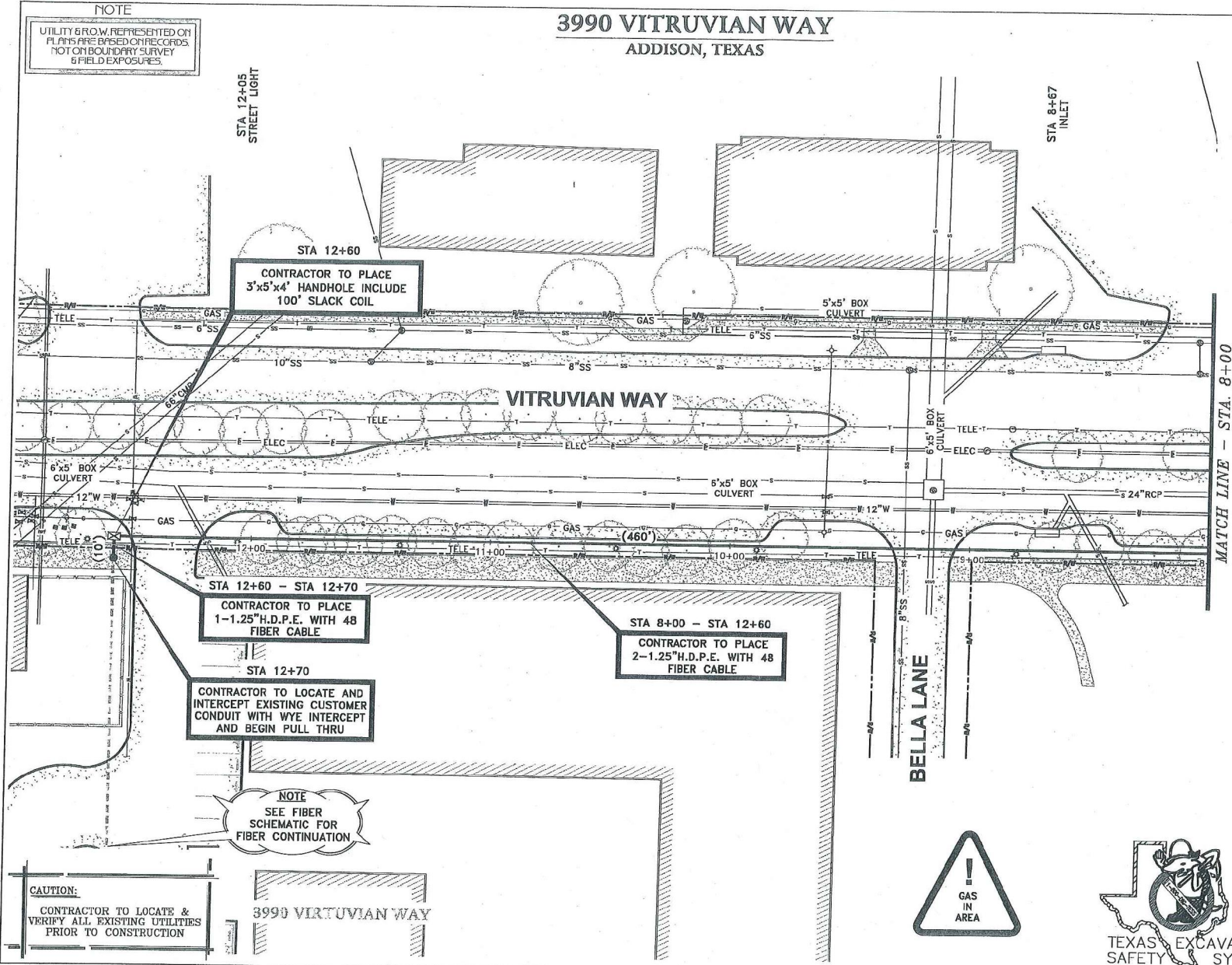
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DWG. NO. 17282PV01



**NOTE**  
SEE FIBER SCHEMATIC FOR FIBER CONTINUATION

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

