

**Lubbock County Public Works**  
P.O. Box 10536  
Lubbock, Texas 79409  
[Publicworks@lubbockcounty.gov](mailto:Publicworks@lubbockcounty.gov)  
Phone. 806.775-1664

Pursuant to §251.106 The Commissioners Court may exercise general control over all roads in the county.

Permit No: 21-064  
Rec'd Date 10-25-21

**Section 1: Application Information**

A. Applicant: FiberLight B. Contractor: FiberLight  
Address: 3000 Summit Place Address: Suite 200  
Alpharetta, GA 30009  
Contact Name: Chris Bigley Contact Name: Rebecca Gentle-Dolezal  
Phone: 214-714-0296 Phone: 303-913-0761  
Email: chris.bigley@fiberlight.com Email: permitting@mtc-llc.com

**Section 2: Proposal Details (Locations, Type, and Timeline of Installation)**

A. Location of Installation: (if applicable, length of installation in feet): \_\_\_\_\_  
Underground construction of 41,066' of fiber utilities along CR1730 and 166th St  
B. Type of installation: Directional Bore

- Yes No  
  Completed Application  
  Does this pipeline fall under the Texas Railroad Commission (flow lines)  
  Will the line transport salt brine?

C. Proposed length of installation activities: 41066' (calendar days or working days)

Proposed start date: December 2021 Completion date: May 2022  
*Applicant will commence actual construction/work in good faith within 60 days from the date this Proposal is approved by the Lubbock County Commissioners Court. If such construction/work is not begun by the 60<sup>th</sup> day, Applicant will be required to apply for a new proposal.*

**Section 3: Submittal Checklist**

- Completed Application  
 Drawings/plans-Attach the drawings of the type of work, location, a Traffic Control Plan (in accordance with the Texas Manual on Uniform Traffic Control Devices) and description of the proposed line shown. The material specifications, minimum yield strength, and maximum operation pressure must be described on the attached drawings.  
 Check Payment (If the Application is denied, then the amount will be refunded to Applicant)

Type of Installation	Crossing	Longitudinal
Overhead	\$150	\$50 per mile, maximum of \$150
Underground	\$250	\$75 per mile, maximum of \$250

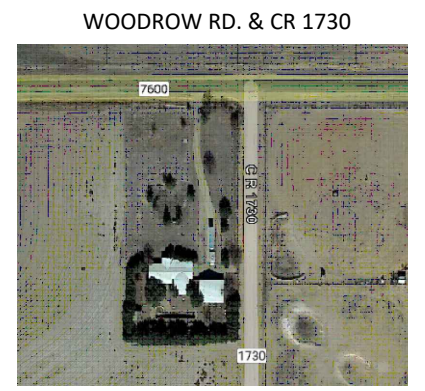
\_\_\_\_\_  
Signature of Responsible Party      OSP Permit Specialist      Title      10/25/2021      Date

10/05/2021



COUNTY: LUBBOCK  
LATTITUDE: N 33.432742

SEGMENT: WOODROW RD  
BYPASS  
LONGITUDE: W -101.846497



WOODROW RD. & CR 1730

START



175th ST. & C.R. 2340

END

**CONSTRUCTION NOTES:**

1. FOR UNDERGROUND CONSTRUCTION, INSTALL NEW 432 FOC NEW HDPE CONDUIT
2. INSTALL NEW (3) 1.5" HPDE CONDUIT
3. INSTALL NEW 36"X60"X48" HHS

**UNDERGROUND: 41,066 FEET**

**LEGEND**

- RED = UNDERGROUND CONSTRUCTION
- BLUE = AERIAL CONSTRUCTION

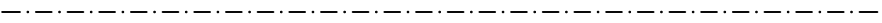
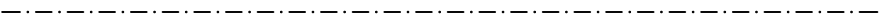
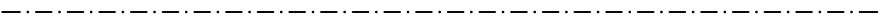
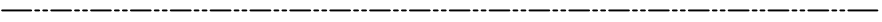
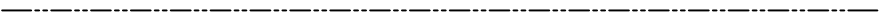
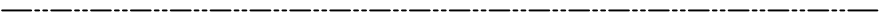
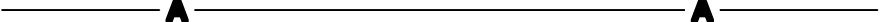
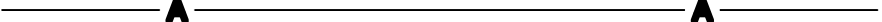
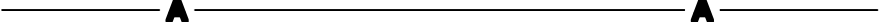













**8600 PARK MEADOWS DR  
SUITE 800  
LONE TREE, CO 80124  
TEL: 720-344-5577**




# LEGEND

## AERIAL UTILITIES – LINETYPES & SYMBOLS

	EXISTING STRAND		POWER/PHONE/CATV		POWER
	STRAND		POWER/CATV		PHONE
	EXISTING CABLE		POWER/PHONE		OTHER POLE
	CABLE		VGR GROUND		FIBER SYMBOL
			EXIST GUY		PROP GUY
			EXIST S/W ANCH		PROP S/W ANCH
			EXIST FIBER SPLICE		PROP FIBER SPLICE
			EXIST FIBER STORAGE		PROP FIBER STORAGE

## SURFACE FEATURES – LABELS

STREET ASPH.	STREET TEXT	D/W	DRIVEWAY TEXT	S/W	SIDEWALK TEXT		DIMENSION
	+STA 0+00		STATION TEXT				

## ABBREVIATIONS

D/W	DRIVEWAY	P/L	PROPERTY LINE	O/S	OFFSET
S/W	SIDEWALK	EOP	EDGE OF PAVEMENT	CATV	CABLE TELEVISION
R/W	RIGHT OF WAY	TBOC	TOP BACK OF CURB	FO	FIBER OPTIC

ROUTE

EXCHANGE

SERVICE AREA

MAP REFERENCE

COMPANY

PROJECT CC01230A

CO.
SEC.
TWN.
RNG.
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STKD BY: DATE:

DATE	REVISION	BY

### NOTES

REVIEW DRAFT: KM

FINAL DRAFT: KM

DATE: 6/11/2020

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DRAFTED: MTR

CHECKED:

QA/QC:

SCALE:



ENGINEERING COMPANY:



12625 E. Euclid  
Centennial, CO 80111  
Tel: 720-344-5577

1. WHERE TRENCHING TECHNIQUES ARE USED THE MINIMUM DEPTH TO THE TOP OF CONDUIT WILL BE 42" UNLESS APPROVED BY THE PROJECT ENGINEER.
2. WHENEVER DIRECTIONAL BORING IS UTILIZED TO INSTALL CONDUIT ALL EXCAVATIONS SHALL BE BACKFILLED PER TXDOT SPECIFICATIONS.
3. VERIFICATION OF THE LOCATION OF ALL UTILITY CROSSING IS THE SUBCONTRACTOR'S RESPONSIBILITY. HAND DIG WHERE REQUIRED. ALL KNOWN UTILITIES MUST BE "TEST PITTED".
4. CONTACT TEXAS MISS UTILITY 72 HOURS IN ADVANCE OF CONSTRUCTION AT 1-800-DIG-TESS FOR LOCATION OF BURIED UTILITIES.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL TXDOT TRAFFIC LOOPS LOCATED.
6. CONFIRM WITH FIBERLIGHT, WITH TXDOT CORRESPONDENCE, THAT ALL TRAFFIC LOOP LOCATIONS HAVE BEEN COORDINATED FOR MARKING.
7. AT THE END OF EACH WORK DAY CONDUIT CAPS WILL BE PLACED ON ALL VACANT DUCTS.
8. A MINIMUM BENDING RADIUS OF 24" FOR FIBER CABLE WILL BE ADHERED TO.
9. MAXIMUM CABLE INSTALLATION TENSION SHALL NOT EXCEED 600 POUNDS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND STORAGE OF ALL SHRUBBERY TO BE REPLACED
11. RESTORATION OF THE CONSTRUCTION AREA TO ORIGINAL OR BETTER CONDITION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. PLACE 6" OF 3/4" CRUSHED ROCK IN THE BOTTOM OF THE PIT PRIOR TO PLACING THE HANDHOLE.
13. ALWAYS HAND DIG WITHIN 2' OF UTILITIES.
14. PLACE A 100' COIL OF SLACK IN EACH HANDHOLE/MANHOLE.
15. EXCAVATE OUTSIDE THE DRIP LINE OF ALL TREES TO PREVENT ROOT DAMAGE.
16. CONSTRUCTION MATERIALS AND STAGING AREAS ARE NOT PERMITTED WITHIN 25' BUFFER ZONE OF WETLANDS, CREEKS, AND STREAMS.
17. THE CURB AND GUTTER IS NOT TO BE DISTURBED WITHOUT PRIOR APPROVAL.
18. IN THE EVENT THAT IT IS NECESSARY TO REMOVE AN PORTION OF THE CURB AND GUTTER IT IS TO BE REPLACED SEAM TO SEAM IN A MATCHING CONFIGURATION TO THE ADJACENT CURB AND GUTTER. PERMIT FROM THE CITY OF JURISDICTION IS REQUIRED.
19. ALL WORK WILL ADHERE TO THE REQUIREMENTS SET FORTH IN THE LATEST TXDOT UTILITY POLICY.
20. CONSTRUCTION NOTES SHALL APPLY TO ALL DRAWINGS.
21. A MINIMUM DEPTH OF 48" OR GREATER IS REQUIRED AT ALL RIVER, CREEK, AND/OR CROSSING.

1. GENERAL NOTES SHALL APPLY TO ALL DRAWINGS.
  2. ALL WORK SHALL COMPLY WITH APPLICABLE STATE, COUNTY, & LOCAL REGULATORY AGENCIES. INCLUDING BUT NOT LIMITED TO ASHA, TXDOT, ETC.
  3. THE CONTRACTOR SHALL CONTACT THE ADJACENT PROPERTY OWNERS A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION AT THE WORK SITE.
  4. ALL TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE WORK IS STARTED. DEVICES NO LONGER REQUIRED SHALL BE REMOVED AS SOON AS POSSIBLE.
  5. PEDESTRIAN TRAFFIC AREAS MUST BE MAINTAINED AT ALL TIMES. PEDESTRIANS MAY NOT BE REROUTED ONTO PRIVATE PROPERTY OR INTO STREETS.
  6. NO EQUIPMENT OR MATERIALS SHALL BE STORED OR PERMITTED TO STAND UNPROTECTED WHERE TRAFFIC IS MAINTAINED.
  7. NO EQUIPMENT OR MATERIALS SHALL BE STORED ON ROAD SURFACE DURING NON-WORKING PERIODS.
  8. NO EQUIPMENT OR MATERIALS SHALL BE STORED ON SIDEWALK AT ANY TIME.
  9. EXCAVATION MATERIAL SHALL BE STORED AWAY FROM THE PAVED ROADWAY. ALL SPILLED MATERIAL WILL BE REMOVED IMMEDIATELY.
  10. EXISTING SIGNS, DELINEATORS, GUARDRAILS, MAKERS, TREES, SHRUBS, FENCES, WALKS, STEPS, ETC., THAT ARE DISTURBED BY THIS CONSTRUCTION SHALL BE REPLACED OR RESTORED TO THEIR ORIGINAL CONDITION OR TO THE SATISFACTION OF THE INSPECTING ENGINEER, PROPERTY OWNER, CITY, COUNTY, STATE AND/OR ANY OTHER AGENCY HAVING AUTHORITY/JURISDICTION.
  11. CITY, COUNTY, STATE ROAD SIGNS, DELINEATORS, GUARDRAILS, ETC. SHALL NOT BE REMOVED. WRITTEN PERMISSION SHALL BE REQUIRED PRIOR TO TO ANY EXCAVATION IN THIS AREA.
  12. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY, COUNTY, STATE SPECIFICATIONS AND STANDARDS.
  13. ALL PERSONS WHO FLAG TRAFFIC AN STATE RIGHT-OF-WAY MUST BE CERTIFIED.
  14. ALL SURFACE AND SUBSURFACE RESTORATION IS TO BE IDENTICAL TO THE ADJACENT UNDISTURBED AREAS.
  15. THE CONTRACTORS IS RESPONSIBLE FOR ANY UTILITY DAMAGES. WHEN ANY PERSON DAMAGES A UTILITY LINE OR PROTECTIVE COATING DURING EXCAVATION OR DEMOLITION THE CITY OF JURISDICTION AND THE AFFECTED UTILITY WILL BE NOTIFIED.
  16. ON ALL WORK ASSOCIATED WITH TXDOT PROJECTS THE RESIDENT ADMINISTRATOR FOR TXDOT MUST BE NOTIFIED AT LEAST 48 HRS BEFORE STARTING WORK.
  17. CONTRACTOR IS RESPONSIBLE FOR ALL COMPACTING AND SEDIMENT CONTROL REGULATIONS.
- \* THESE PLANS MEET OR EXCEED TXDOT ROAD AND BRIDGE STANDARDS AND SPECIFICATIONS.
- \*\* NO HANDHOLES ARE TO BE PLACED WITHIN DITCHLINES.

ROUTE \_\_\_\_\_

EXCHANGE \_\_\_\_\_

SERVICE AREA \_\_\_\_\_

MAP REFERENCE \_\_\_\_\_

COMPANY \_\_\_\_\_

PROJECT CC01230A

CO.	_____
SEC.	_____
TWN.	_____
RNG.	_____
TAX:	_____

STKD BY:	DATE:
DATE	REVISION BY

**NOTES**

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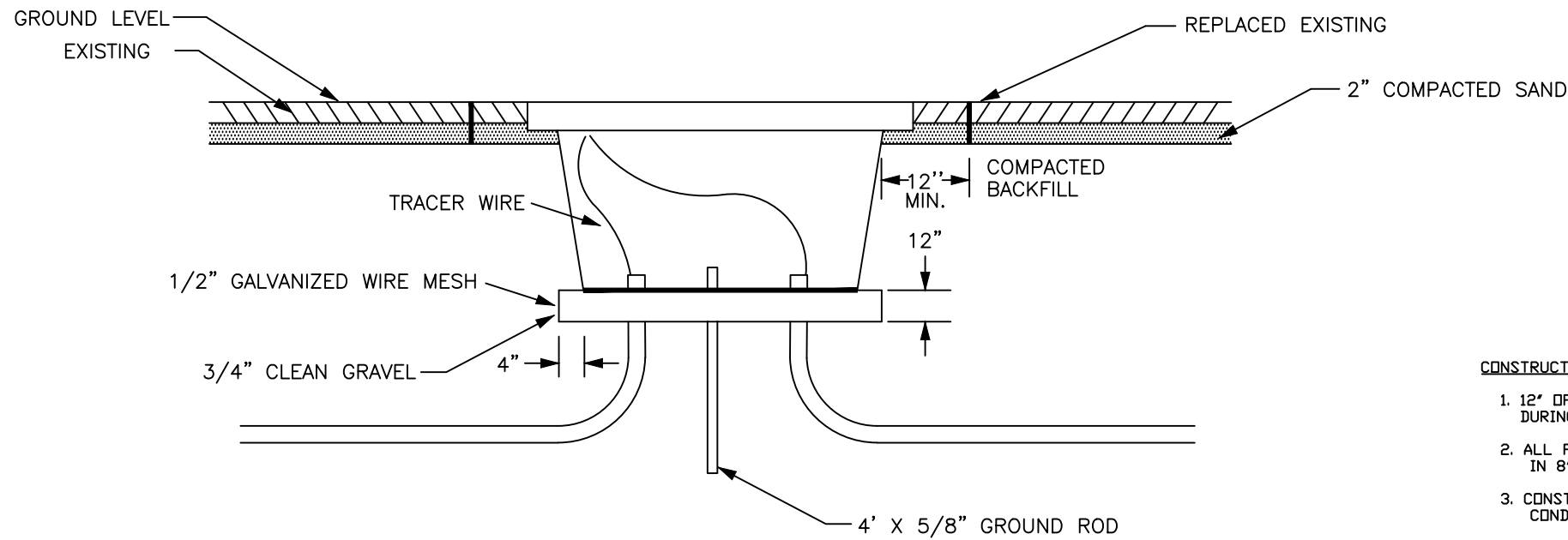
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# HANDHOLE INSTALLATION TYPICAL



**A**  
016 PULL BOX HANDHOLE  
NOT TO SCALE

**CONSTRUCTION NOTES:**

1. 12" OF GRAVEL SHALL BE PLACED UNDER ENCLOSURE DURING INSTALLATION TO ASSIST IN DRAINAGE.
2. ALL FILL AROUND ENCLOSURE SHALL BE COMPACTED IN 8" LAYERS.
3. CONSTRUCTION AREA SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
4. HANDHOLE SHALL NOT BE PLACED ON A SLOPE GREATER THAN 15%.
5. WIRE MESH SHALL BE PLACED UNDER HANDHOLE IN GRAVEL TO DETER RODENT ENTRY.
6. ALL TRACER WIRES MUST BE CONNECTED TO TESTING LUG AT EACH HANDHOLE AND CONTINUITY VERIFIED.

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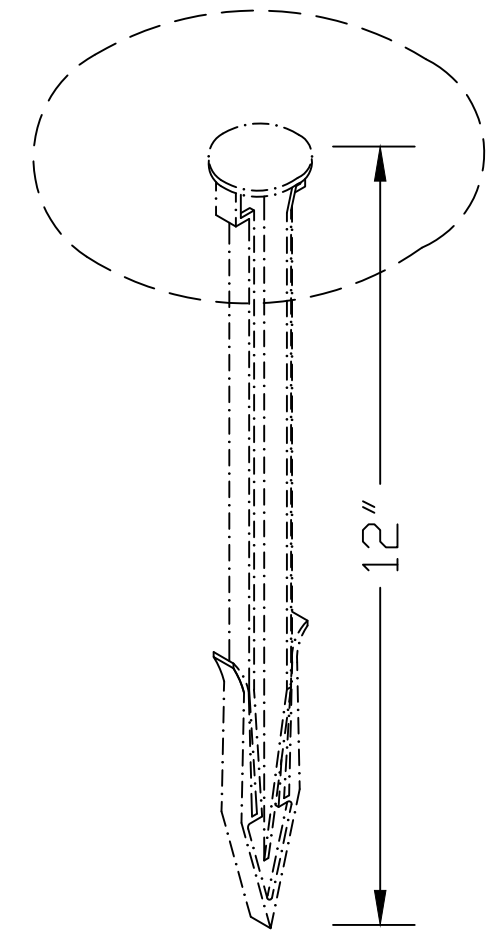
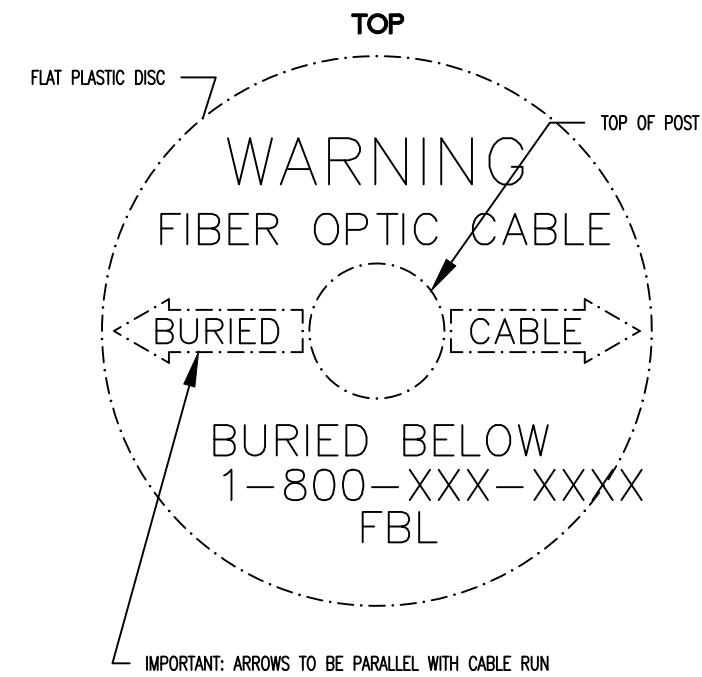
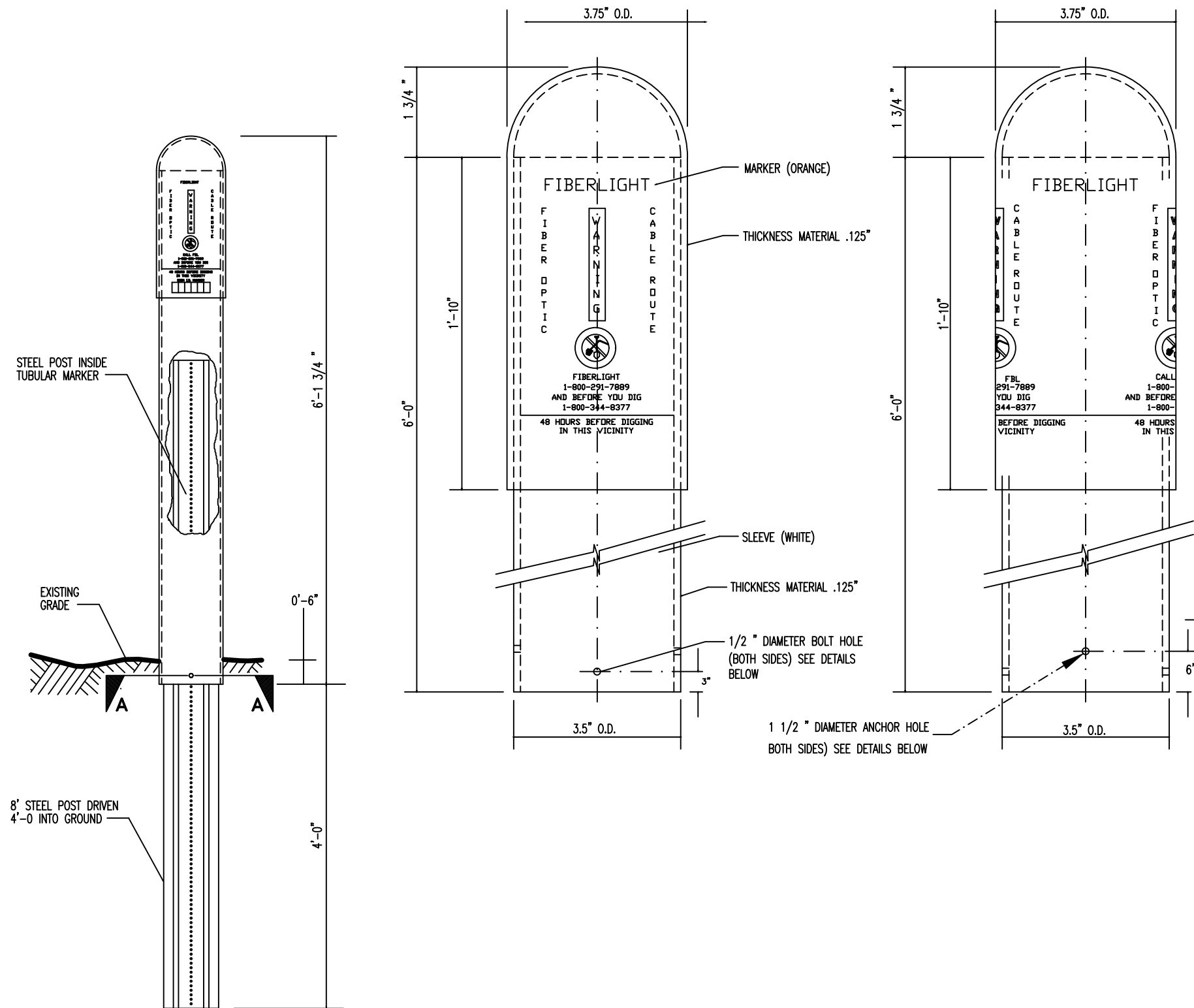


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COTT MARKER INSTALLATION DETAIL

FLAT PLASTIC MARKER



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**MTC MANWEILER**  
 TELECOM CONSULTING, INC.

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# TYPICAL ROAD CROSSINGS

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COMPANY	
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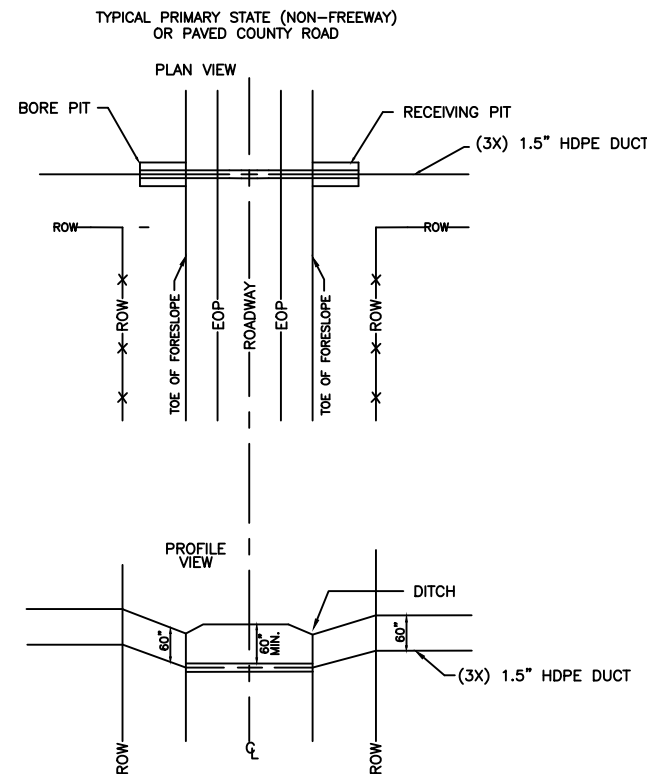
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ENGINEERING COMPANY:

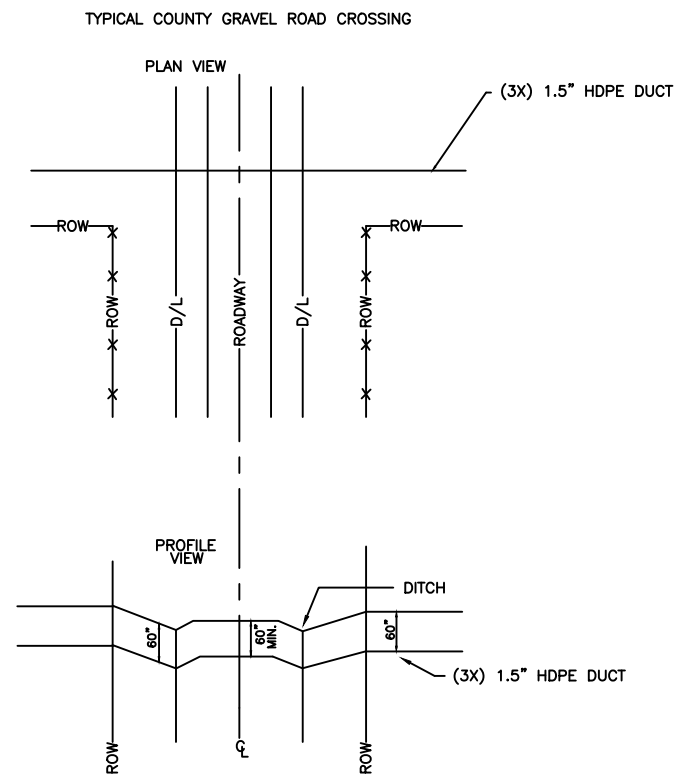


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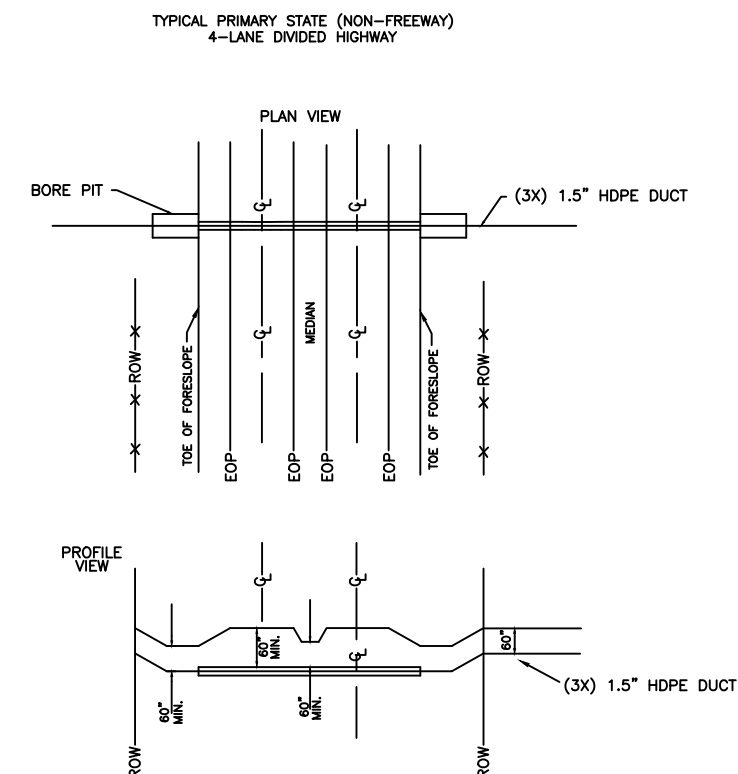
PRIMARY STATE ROAD **A**  
 BORE ACROSS **008**

1. HDPE CASING SHALL EXTEND FROM TOE OF SLOPE TO TOE OF SLOPE.
2. BORE PITS SHALL BE AT A DISTANCE OF TEN FEET PLUS THE DEPTH OF THE PIT WITHOUT SHORING ON CONVENTIONAL HIGHWAYS. IF SHORING IS USED, THE PIT SHALL BE LOCATED A MINIMUM OF TEN FEET FROM THE EDGE OF PAVEMENT ON CONVENTIONAL HIGHWAYS UNLESS OTHERWISE STATED ON THE PERMIT.
3. HDPE CASING MUST BE A MINIMUM OF 60" BELOW THE DESIGNED DITCH GRADES ON EACH SIDE OF HIGHWAY AND 60" (CHECK WITH THE LOCAL JURISDICTIONAL AUTHORITY) UNDER A ROADWAY.
4. ENDS OF ALL HDPE CASING MUST BE FOAM PLUGGED.
5. ALL OPERATIONS MUST MEET REGULATING AGENCY REQUIREMENTS.



COUNTY GRAVEL ROAD **B**  
 BORE ACROSS **008**

1. ALL COUNTY GRAVEL ROAD CROSSINGS - AND GRAVEL DRIVEWAYS SHALL BE PLOWED THROUGH UNLESS SHOWN OTHERWISE ON THE CONSTRUCTION DRAWINGS.
2. CABLE MUST BE A MINIMUM OF 60" BELOW THE DESIGNED DITCH GRADES ON EACH SIDE OF ROADWAY. MINIMUM COVER REQUIREMENTS BE MAINTAINED THROUGHOUT THE ENTIRE ROADWAY.
3. ALL OPERATIONS MUST MEET REGULATING AGENCY REQUIREMENTS.

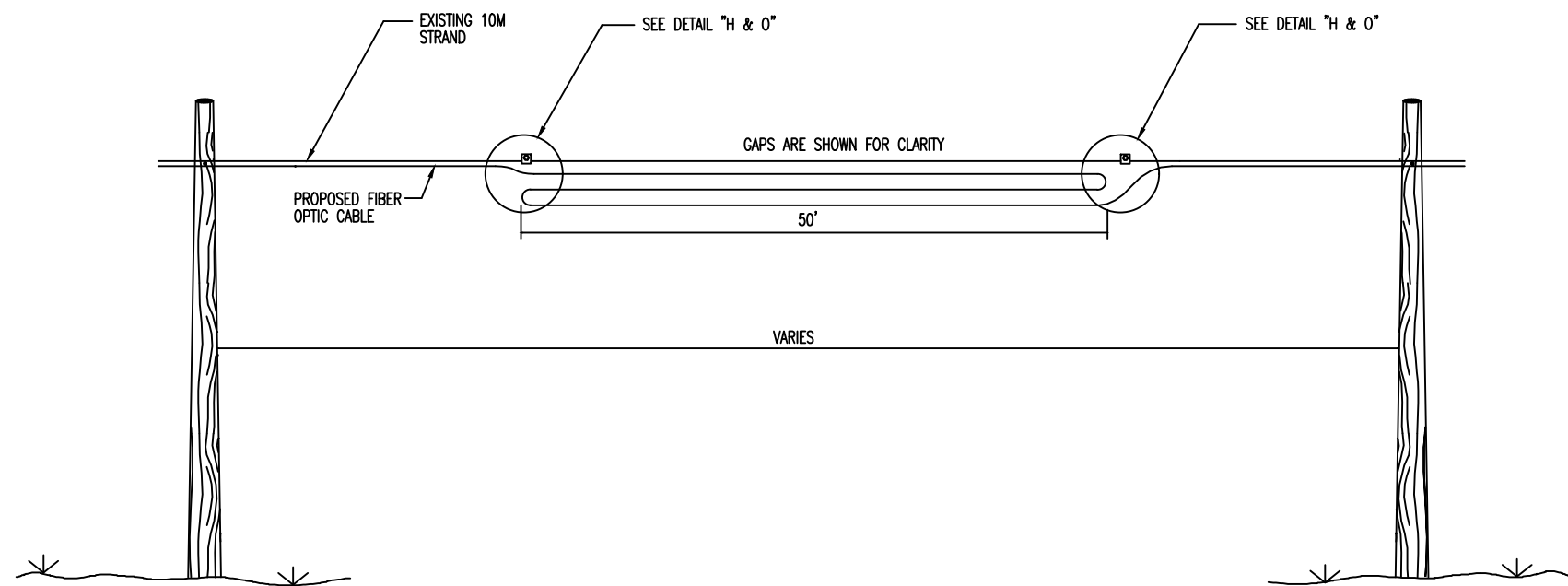


FOUR LANE DIVIDED HIGHWAY **C**  
 (NON FREEWAY) BORE **008**

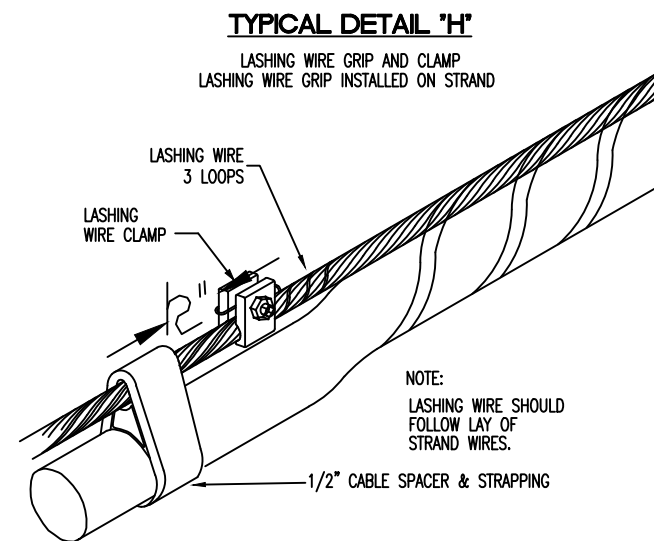
1. HDPE CASING SHALL EXTEND FROM TOE OF SLOPE TO TOE OF SLOPE.
2. BORE PITS SHALL BE A MINIMUM OF 30 FEET FROM THE EDGE OF PAVEMENT ON FULLY ACCESS-CONTROLLED HIGHWAY UNLESS OTHERWISE STAYED ON THE PERMIT.
3. HDPE CASING MUST BE A MINIMUM OF 60" BELOW THE DESIGNED DITCH GRADES ON EACH SIDE OF HIGHWAY AND 60" UNDER A ROADWAY.
4. ENDS OF ALL CASING MUST BE FOAM PLUGGED.
5. PITS FOR BORING ARE NOT PERMITTED IN THE HIGHWAY MEDIAN.
6. ALL OPERATIONS MUST MEET REGULATING AGENCY REQUIREMENTS.



# TYPICAL DETAIL FOR STORING FIBER SLACK COIL



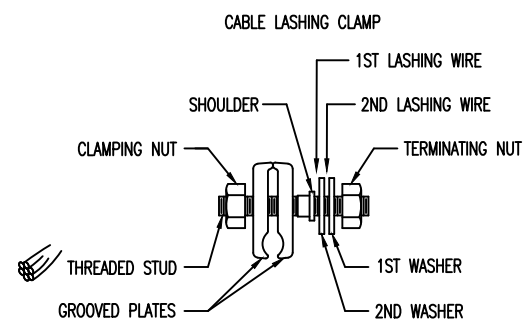
**DETAIL 'O'**



**TYPICAL DETAIL 'H'**

LASHING WIRE GRIP AND CLAMP  
LASHING WIRE GRIP INSTALLED ON STRAND

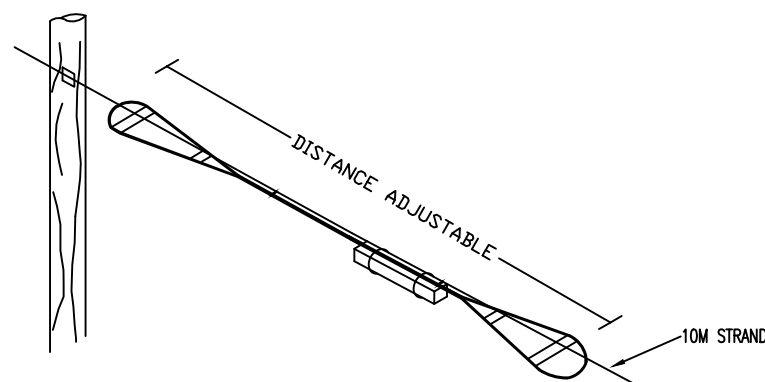
NOTE:  
LASHING WIRE SHOULD FOLLOW LAY OF STRAND WIRES.



**CABLE LASHING CLAMP**

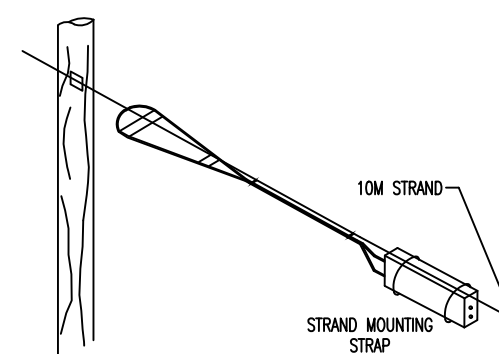
**TYPICAL DETAIL 'K'**

IN-LINE SPLICE APPLICATION



**TYPICAL DETAIL 'L'**

BUTT SPLICE APPLICATION



NOTE:  
DO NOT EXCEED THE MANUFACTURERS SPECIFICATIONS CONCERNING MINIMUM BENDING RADIUS. THE MINIMUM BENDING RADIUS OF FIBER OPTIC CABLE UNDER TENSION WILL NOT EXCEED 20 TIMES THE CABLE DIAMETER.

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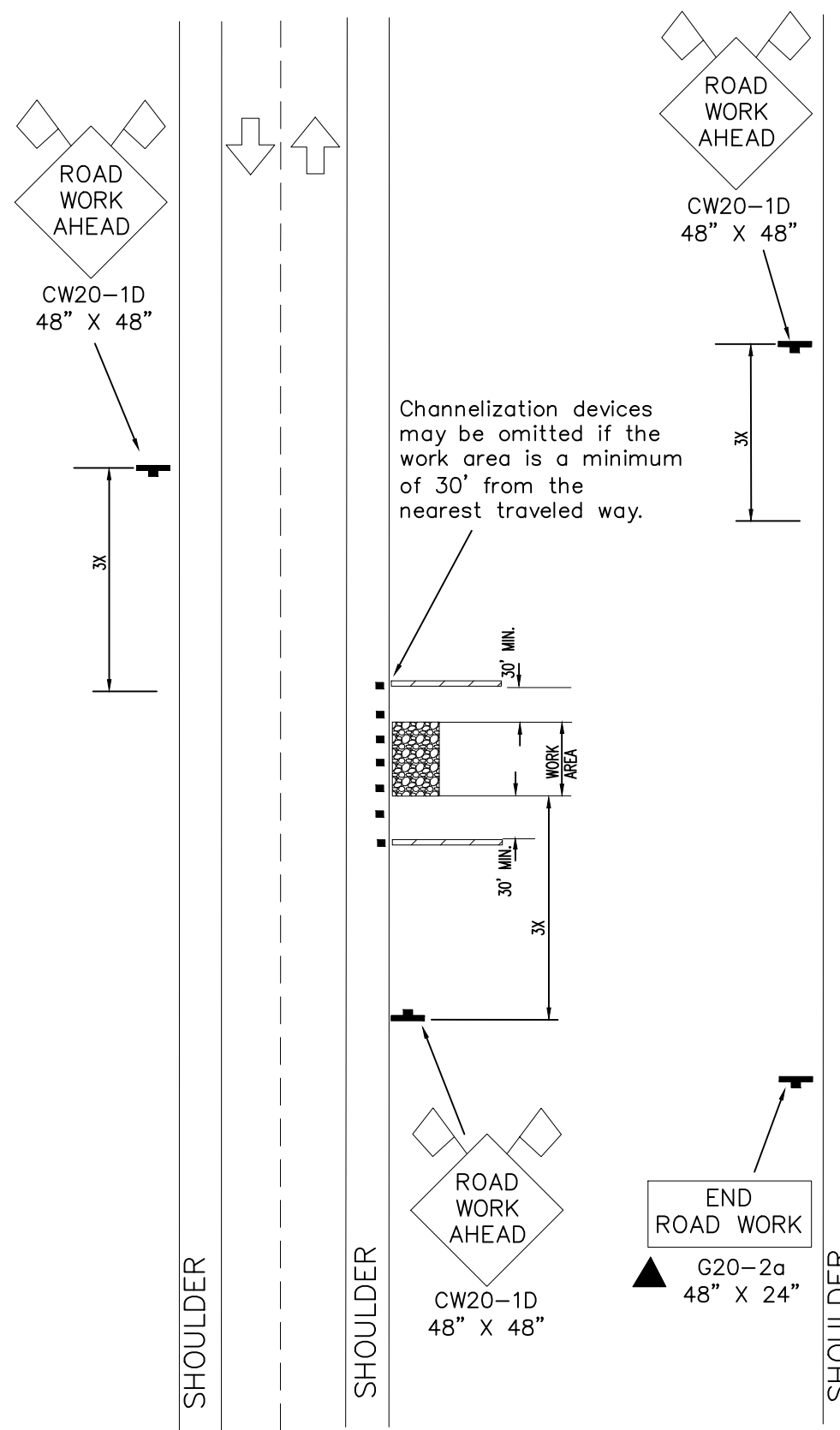
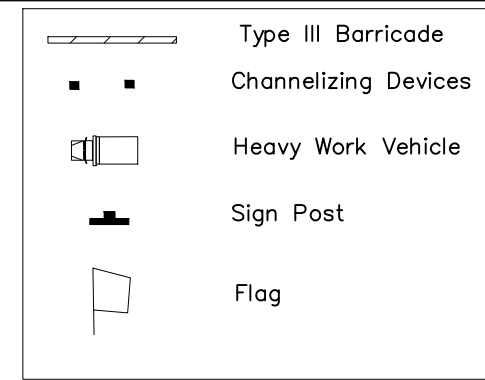


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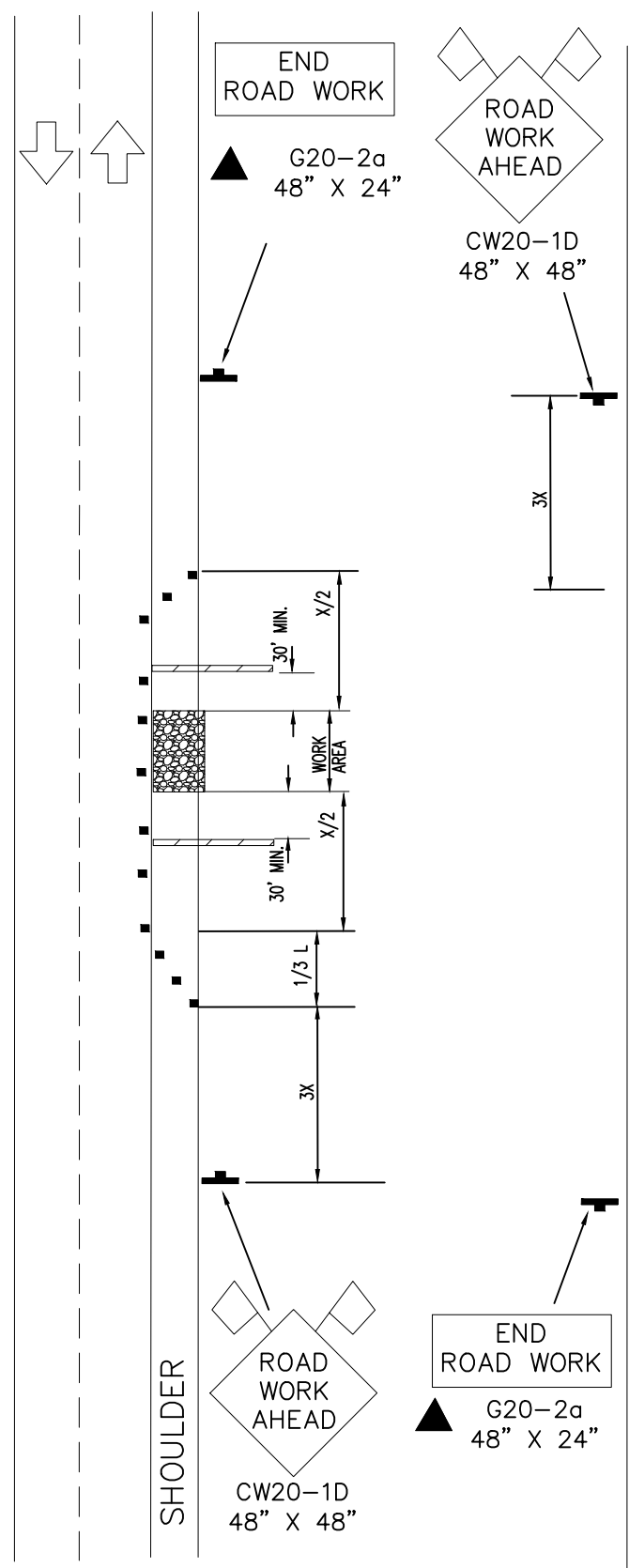


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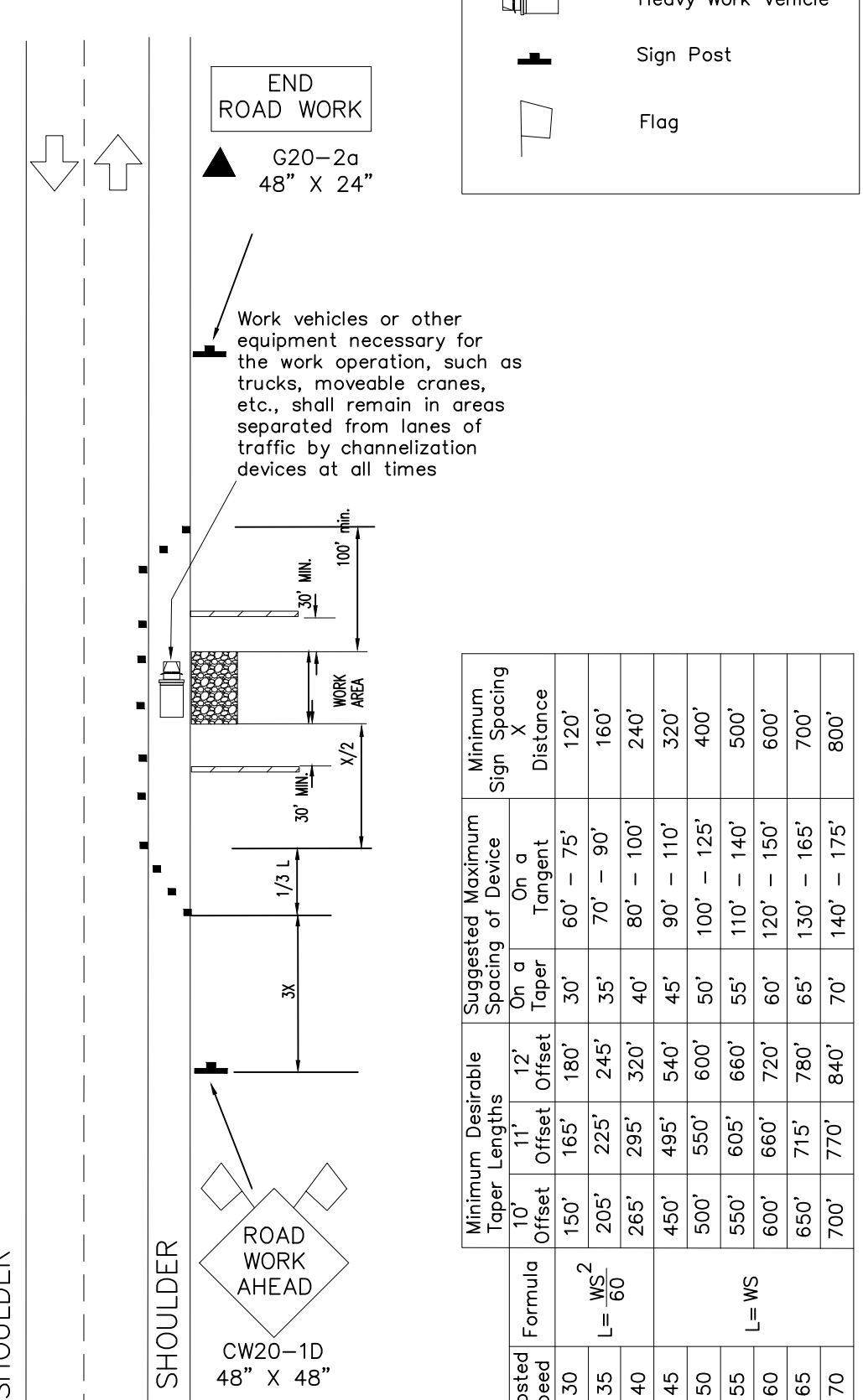
# TRAFFIC CONTROL PLAN



TCP (2-1a)  
Work Area Near Shoulder



TCP (2-1b)  
Work Area on Shoulder



TCP (2-1c)  
Work Vehicles on Shoulder

Posted Speed	Formula	Minimum Desirable Taper Lengths		Suggested Maximum Spacing of Device		Minimum Spacing X Distance
		10' Offset	11' - 12' Offset	On a Taper	On a Tangent	
30	$L = \frac{WS^2}{60}$	150'	180'	30'	60' - 75'	120'
35		205'	245'	35'	70' - 90'	160'
40	L = WS	265'	295'	40'	80' - 100'	240'
45		450'	495'	45'	90' - 110'	320'
50		500'	550'	50'	100' - 125'	400'
55		550'	605'	55'	110' - 140'	500'
60		600'	660'	60'	120' - 150'	600'
65		650'	715'	65'	130' - 165'	700'
70		700'	770'	70'	140' - 175'	800'

SHEET T10 OF T10

ROUTE \_\_\_\_\_

EXCHANGE \_\_\_\_\_

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DESIGN: MTR

DRAFTED: MTR


CHECKED: \_\_\_\_\_

QA/QC: \_\_\_\_\_

SCALE: \_\_\_\_\_

ENGINEERING COMPANY:

12625 E. Euclid  
Centennial, CO 80111  
Tel: 720-344-5577

	CO.
	SEC.
	TWN.
	RNG.
	TAX:

STKD BY: DATE:

DATE	REVISION	BY

NOTES

FOC = 432  
 DUCT QTY/SIZE =(3) 1.5"  
 DUCT TYPE = HDPE  
 AERIAL =  
 BORE =  
 TRENCH =  
 PLOW =  
 EXISTING =  
 NEW POLE =  
 REVIEW DRAFT:  
 FINAL DRAFT:

DATE: 10/6/21

DESIGN:

DRAFTED: EP

CHECKED:

QA/QC:

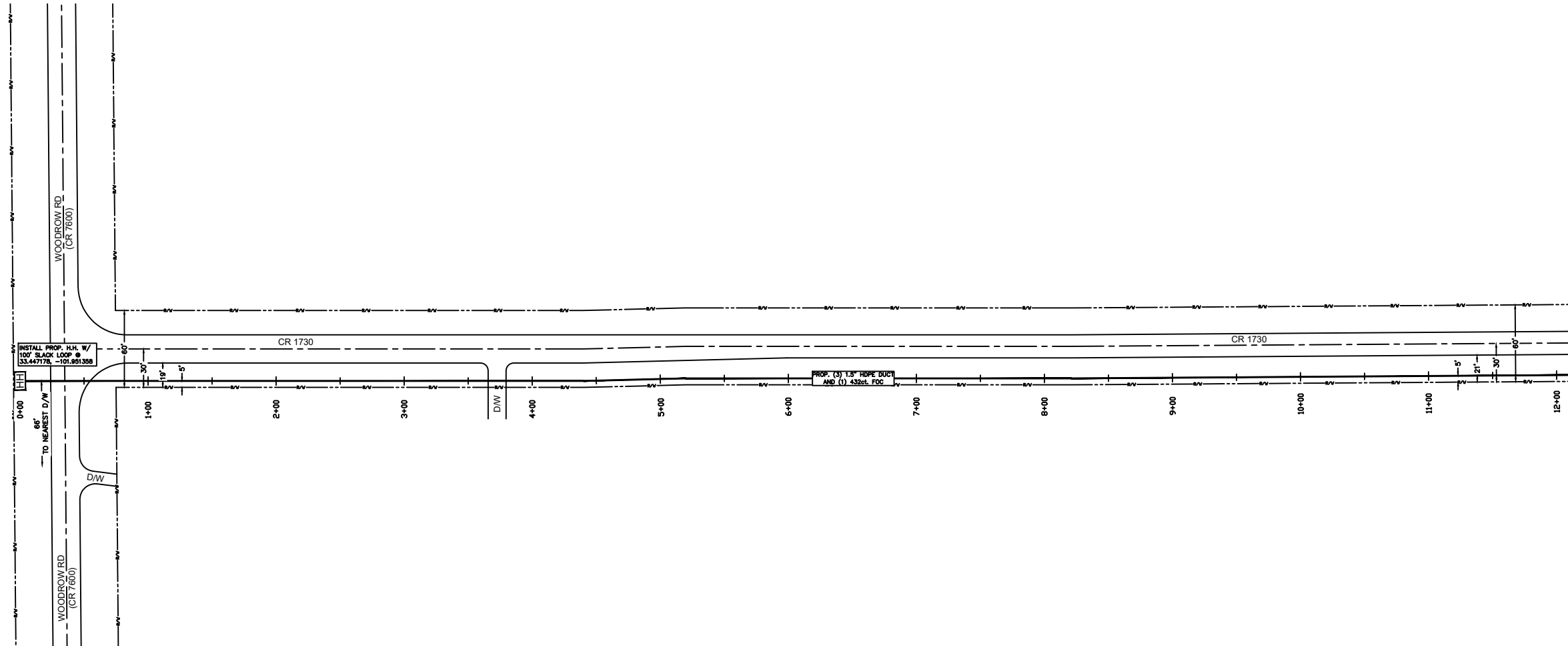
SCALE: 1"=100'



ENGINEERING COMPANY:



12625 E. Euclid  
 Centennial, CO 80111  
 Tel: 720-344-5577



MATCH MARK SHEET 2

DESIGN TO MAINTAIN  
 5' OFF ROW HH  
 PLACED 5' OFF ROW

UTILITY LOCATION SERVICES:  
 TEXAS811  
 CITY UTILITIES: 806-775-1664  
 CITY TRAFFIC UTILITIES: 806-775-2132

**CAUTION:**  
 UNDERGROUND UTILITY LOCATIONS NOT GUARANTEED CORRECT. CONTRACTOR TO VERIFY EXISTENCE, LOCATION AND DEPTH TO THEIR OWN SATISFACTION TO AVOID ALL OBSTRUCTIONS PRIOR TO THE START OF CONSTRUCTION.

**PLACEMENT NOTE:**  
 FIBERLIGHT IS PROPOSING TO PLACE IT'S NEW FACILITIES (8') OFF THE BACK OF THE RIGHT-OF-WAY. HOWEVER, IF AN EXISTING LINE STRAYS FROM IT'S CONSISTENT OFFSET, FIBERLIGHT MAY HAVE TO MOVE FURTHER FROM THE BACK OF THE RIGHT-OF-WAY. TOWARDS THE ROAD TO MAINTAIN THE 2' MINIMUM SEPARATION. FIBERLIGHT WILL NOT ENCROACH ON THE UPSLOPE OF THE ROADWAY OR THE BOTTOM OF THE DITCH.


UTILIZE TCP 2-1a, 2-1b  
 & 2-1c FOR TRAFFIC CONTROL

PROFILE

DEPTH	0+00	1+00	2+00	3+00	4+00	5+00	6+00	7+00	8+00	9+00	10+00	11+00	12+00
1' 0"													
2' 0"													
3' 0"													
4' 0"													
5' 0"													
TOTAL													

MAINTAIN 60" MIN. COVER



	CO. ....
	SEC. ....
	TWN. ....
	RNG. ....
	TAX: .....

STKD BY:	DATE:	
DATE	REVISION	BY

**NOTES**

FOC = 432

DUCT QTY/SIZE =(3) 1.5"

DUCT TYPE = HDPE

AERIAL =

BORE =

TRENCH =

PLOW =

EXISTING =

NEW POLE =

REVIEW DRAFT:

FINAL DRAFT:

DATE: 10/6/21

DESIGN:

DRAFTED: EP

CHECKED:

QA/QC:

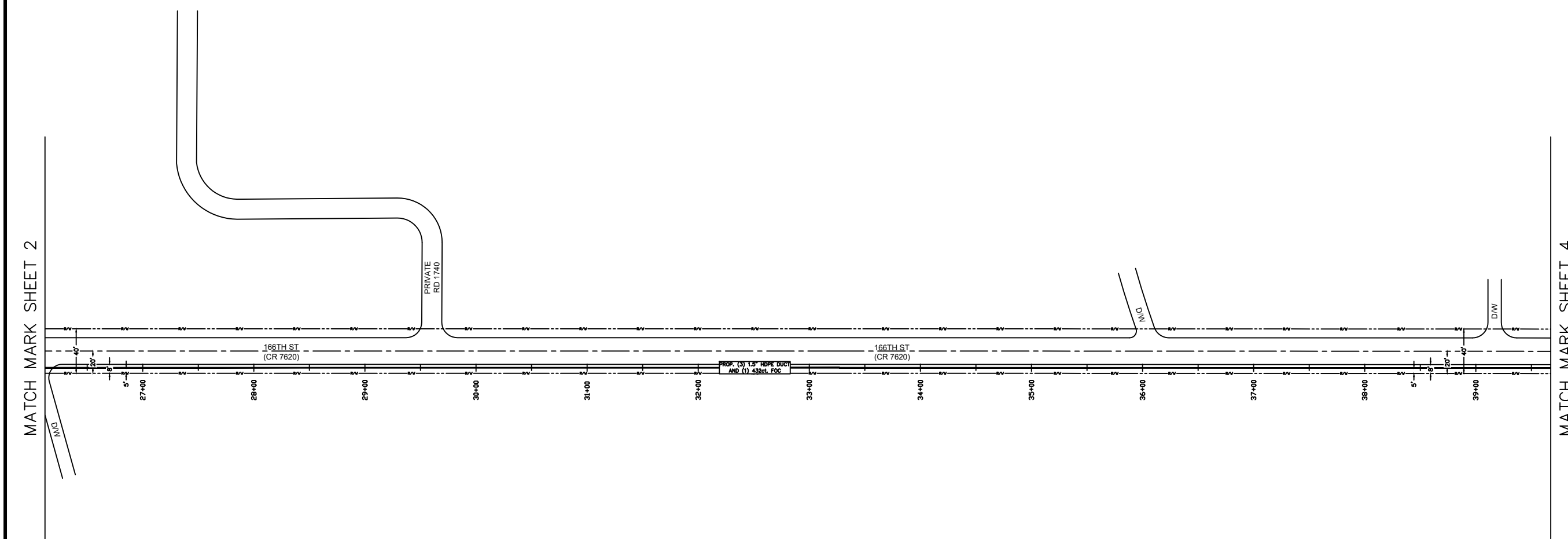
SCALE: 1"=100'



ENGINEERING COMPANY:

**MTC MANWEILER**  
TELECOM CONSULTING, INC.

12625 E. Euclid  
Centennial, CO 80111  
Tel: 720-344-5577



DESIGN TO MAINTAIN 5' OFF ROW HH PLACED 5' OFF ROW

UTILITY LOCATION SERVICES: TEXAS811  
CITY UTILITIES: 806-775-1664  
CITY TRAFFIC UTILITIES: 806-775-2132

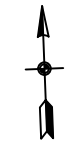
**CAUTION:**  
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UTILIZE TCP 2-1a, 2-1b & 2-1c FOR TRAFFIC CONTROL

PROFILE	
DEPTH	
1' 0"	
2' 0"	
3' 0"	
4' 0"	
5' 0"	
TOTAL	

MAINTAIN 60" MIN. COVER



CO.  
SEC.  
TWN.  
RNG.  
TAX:

STKD BY: DATE:

DATE	REVISION	BY

NOTES

FOC = 432  
 DUCT QTY/SIZE =(3) 1.5"  
 DUCT TYPE = HDPE  
 AERIAL =  
 BORE =  
 TRENCH =  
 PLOW =  
 EXISTING =  
 NEW POLE =  
 REVIEW DRAFT:  
 FINAL DRAFT:

DATE: 10/6/21

DESIGN:

DRAFTED: EP

CHECKED:

QA/QC:

SCALE: 1"=100'



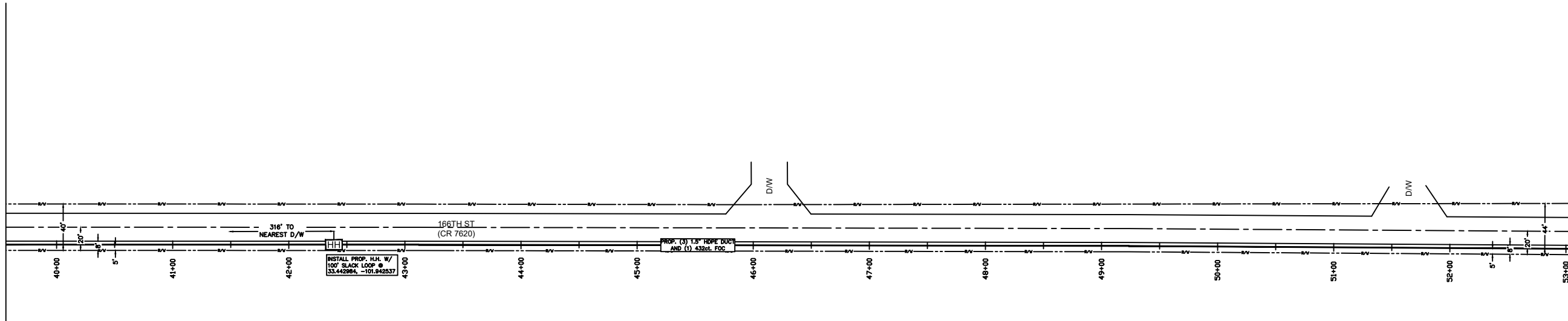
ENGINEERING COMPANY:



12625 E. Euclid  
 Centennial, CO 80111  
 Tel: 720-344-5577

MATCH MARK SHEET 3

MATCH MARK SHEET 5



DESIGN TO MAINTAIN  
 5' OFF ROW HH  
 PLACED 5' OFF ROW

UTILITY LOCATION SERVICES:  
 TEXAS811  
 CITY UTILITIES: 806-775-1664  
 CITY TRAFFIC UTILITIES: 806-775-2132

**CAUTION:**  
 UNDERGROUND UTILITY LOCATIONS NOT GUARANTEED CORRECT. CONTRACTOR TO VERIFY EXISTENCE, LOCATION AND DEPTH TO THEIR OWN SATISFACTION TO AVOID ALL OBSTRUCTIONS PRIOR TO THE START OF CONSTRUCTION.

**PLACEMENT NOTE:**  
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UTILIZE TCP 2-1a, 2-1b & 2-1c FOR TRAFFIC CONTROL

PROFILE

DEPTH	40+00	41+00	42+00	43+00	44+00	45+00	46+00	47+00	48+00	49+00	50+00	51+00	52+00	53+00
1' 0"														
2' 0"														
3' 0"														
4' 0"														
5' 0"														
TOTAL														

MAINTAIN 60" MIN. COVER







CO. \_\_\_\_\_  
 SEC. \_\_\_\_\_  
 TWN. \_\_\_\_\_  
 RNG. \_\_\_\_\_  
 TAX: \_\_\_\_\_

STKD BY: \_\_\_\_\_ DATE: \_\_\_\_\_

DATE	REVISION	BY

**NOTES**

FOC = 432  
 DUCT QTY/SIZE =(3) 1.5"  
 DUCT TYPE = HDPE  
 AERIAL = \_\_\_\_\_  
 BORE = \_\_\_\_\_  
 TRENCH = \_\_\_\_\_  
 PLOW = \_\_\_\_\_  
 EXISTING = \_\_\_\_\_  
 NEW POLE = \_\_\_\_\_  
 REVIEW DRAFT: \_\_\_\_\_  
 FINAL DRAFT: \_\_\_\_\_

DATE: 10/6/21

DESIGN: \_\_\_\_\_

DRAFTED: EP

CHECKED: \_\_\_\_\_

QA/QC: \_\_\_\_\_

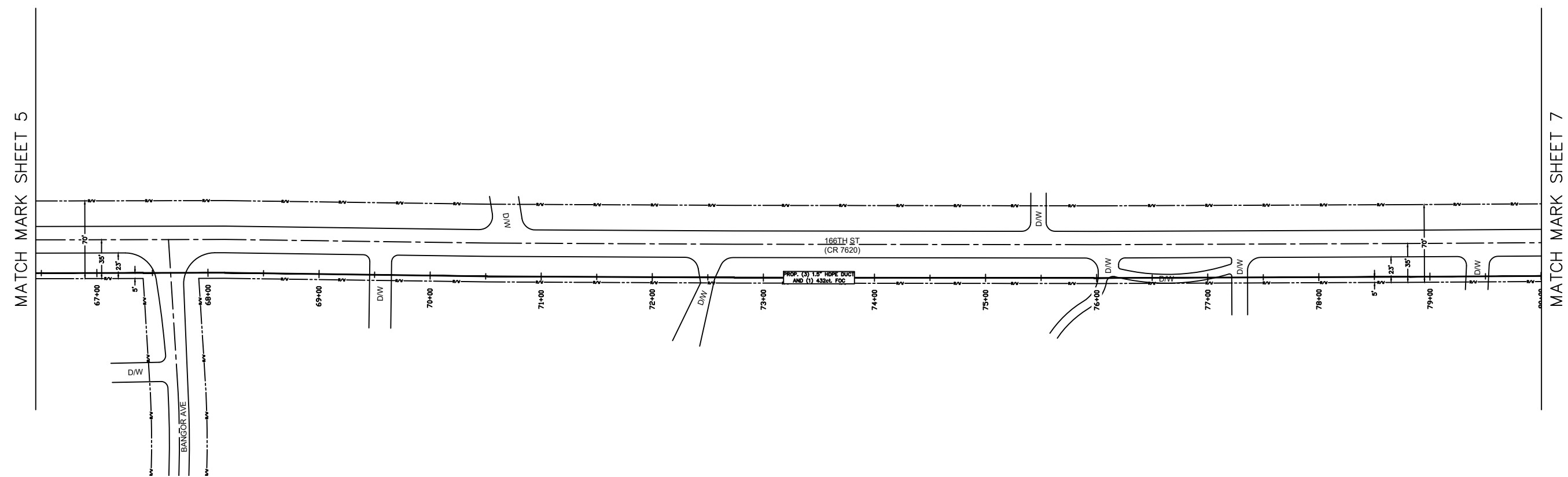
SCALE: 1"=100'



ENGINEERING COMPANY:



12625 E. Euclid  
 Centennial, CO 80111  
 Tel: 720-344-5577



DESIGN TO MAINTAIN  
 5' OFF ROW HH  
 PLACED 5' OFF ROW

UTILITY LOCATION SERVICES:  
 TEXAS811  
 CITY UTILITIES: 806-775-1664  
 CITY TRAFFIC UTILITIES: 806-775-2132

**CAUTION:**  
 UNDERGROUND UTILITY LOCATIONS NOT GUARANTEED  
 CORRECT. CONTRACTOR TO VERIFY EXISTENCE,  
 LOCATION AND DEPTH TO THEIR OWN SATISFACTION  
 TO AVOID ALL OBSTRUCTIONS PRIOR TO THE START  
 OF CONSTRUCTION.


**PLACEMENT NOTE:**  
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 FIBERLIGHT MAY HAVE TO MOVE FURTHER FROM THE BACK OF THE RIGHT-OF-WAY.  
 TOWARDS THE ROAD TO MAINTAIN THE 2' MINIMUM SEPARATION. FIBERLIGHT WILL NOT  
 ENCROACH ON THE UPSLOPE OF THE ROADWAY OR THE BOTTOM OF THE DITCH.

UTILIZE TCP 2-1a, 2-1b  
 & 2-1c FOR TRAFFIC CONTROL

**PROFILE**

DEPTH	67+00	68+00	69+00	70+00	71+00	72+00	73+00	74+00	75+00	76+00	77+00	78+00	79+00
1' 0"													
2' 0"													
3' 0"													
4' 0"													
5' 0"													
TOTAL													

MAINTAIN 60" MIN. COVER

	CO.
	SEC.
	TWN.
	RNG.
	TAX:

STKD BY: DATE:

DATE	REVISION	BY

NOTES

- FOC = 432
- DUCT QTY/SIZE =(3) 1.5"
- DUCT TYPE = HDPE
- AERIAL =
- BORE =
- TRENCH =
- PLOW =
- EXISTING =
- NEW POLE =
- REVIEW DRAFT:
- FINAL DRAFT:

DATE: 10/6/21

DESIGN:

DRAFTED: EP

CHECKED:

QA/QC:

SCALE: 1"=100'

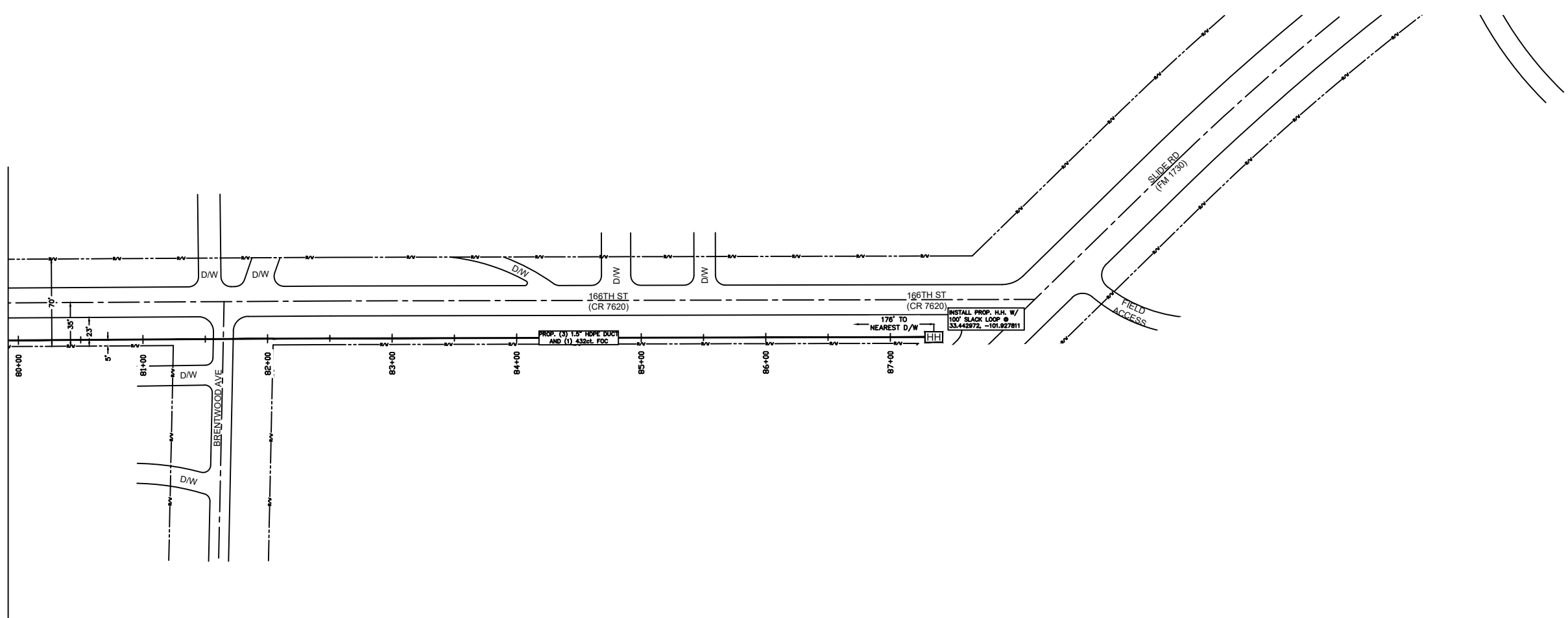


ENGINEERING COMPANY:



12625 E. Euclid  
Centennial, CO 80111  
Tel: 720-344-5577

MATCH MARK SHEET 6



DESIGN TO MAINTAIN  
5' OFF ROW HH  
PLACED 5' OFF ROW

UTILITY LOCATION SERVICES:  
TEXAS811  
CITY UTILITIES: 806-775-1664  
CITY TRAFFIC UTILITIES: 806-775-2132

**CAUTION:**  
UNDERGROUND UTILITY LOCATIONS NOT GUARANTEED CORRECT. CONTRACTOR TO VERIFY EXISTENCE, LOCATION AND DEPTH TO THEIR OWN SATISFACTION TO AVOID ALL OBSTRUCTIONS PRIOR TO THE START OF CONSTRUCTION.

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UTILIZE TCP 2-1a, 2-1b & 2-1c FOR TRAFFIC CONTROL

PROFILE

DEPTH	80+00	81+00	82+00	83+00	84+00	85+00	86+00	87+00	TOTAL
1' 0"									
2' 0"									
3' 0"									
4' 0"									
5' 0"									
TOTAL									

MAINTAIN 60" MIN. COVER