

**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: 21-063  
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 CR7700, and CR2040  
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?

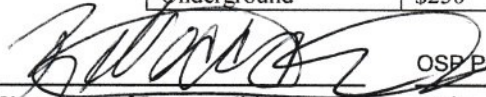
C. Proposed length of installation activities: 41066' (calendar days or working days)

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 Title Date  
10/25/2021

10/05/2021



COUNTY: LUBBOCK  
LATTITUDE: N 33.432742

SEGMENT: WOODROW RD  
BYPASS  
LONGITUDE: W -101.846497



START



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

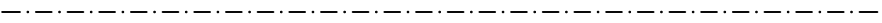
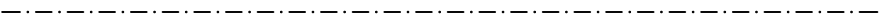
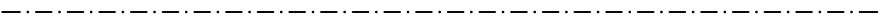
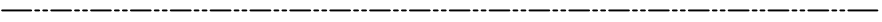
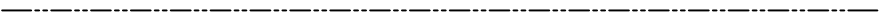
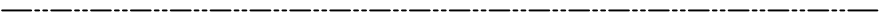
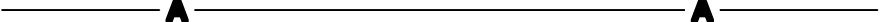
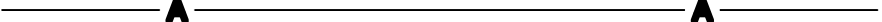
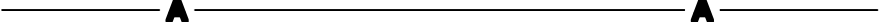













8600 PARK MEADOWS DR  
SUITE 800  
LONE TREE, CO 80124  
TEL: 720-344-5577




# 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.
TAX:

STKD BY: DATE:

DATE	REVISION	BY

### NOTES

REVIEW DRAFT: KM

FINAL DRAFT: KM

DATE: 6/11/2020

DESIGN: MTR

DRAFTED: MTR

CHECKED:

QA/QC:

SCALE:



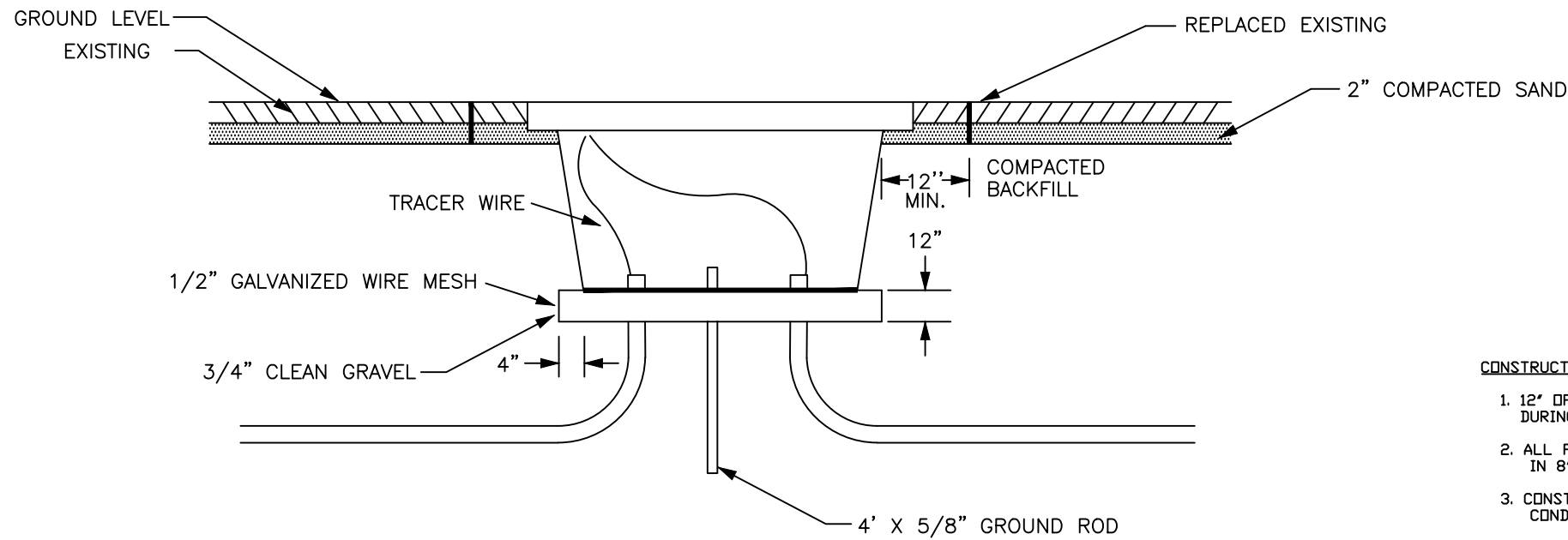
ENGINEERING COMPANY:



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



# 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.

ROUTE  
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 SCALE:



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# TYPICAL ROAD CROSSINGS

ROUTE  
 EXCHANGE  
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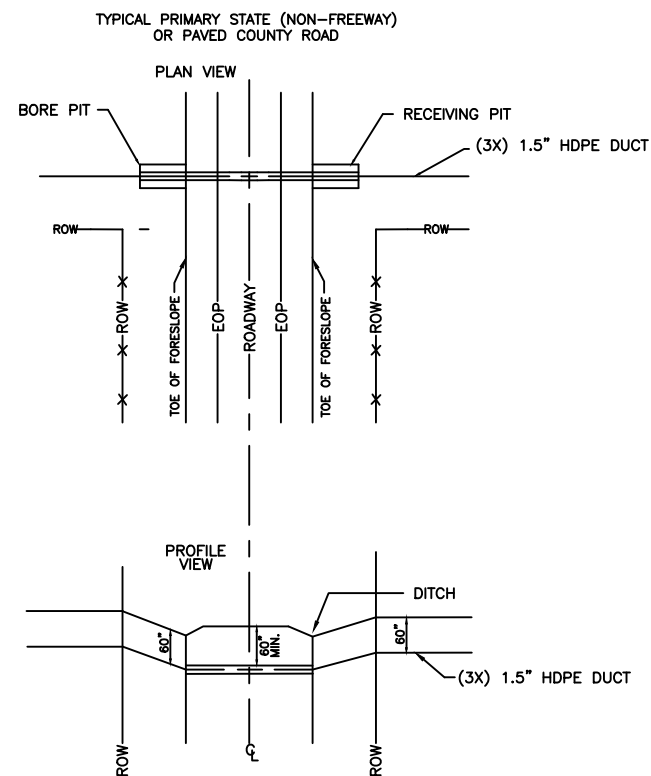
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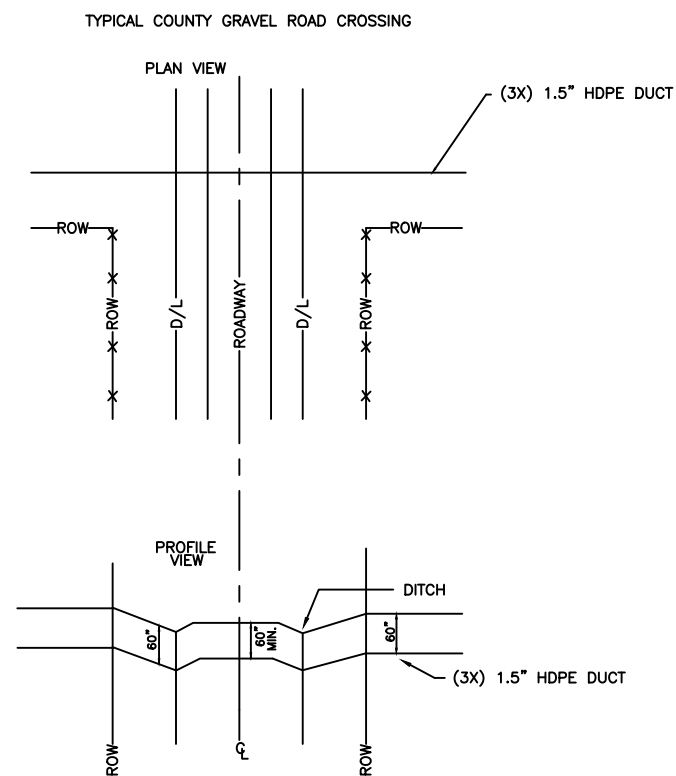


ENGINEERING COMPANY:  
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 TELECOM CONSULTING, INC.  
 12625 E. Euclid  
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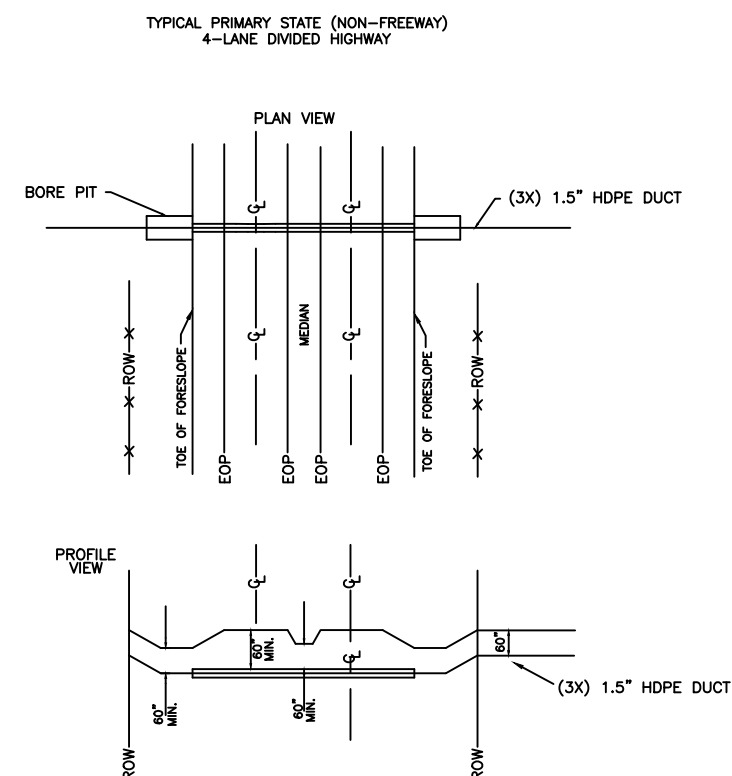
PRIMARY STATE ROAD  
 BORE ACROSS **A**  
 008

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  
 BORE ACROSS **B**  
 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.

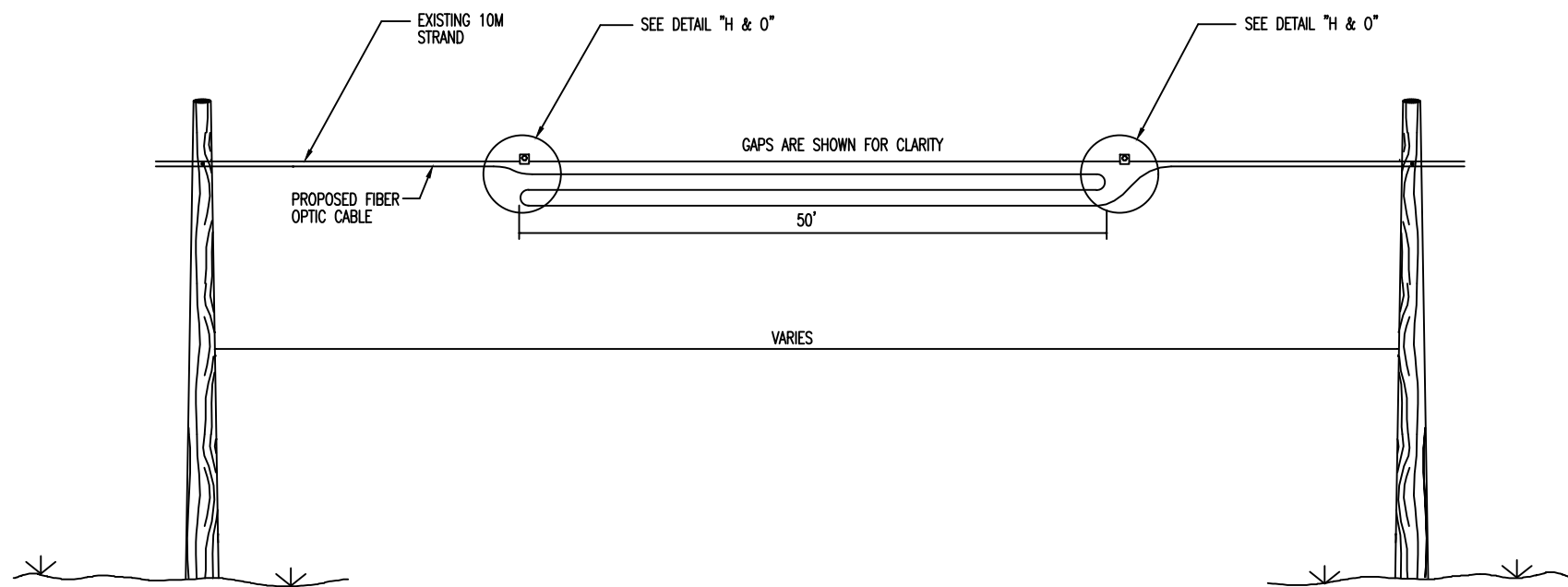


FOUR LANE DIVIDED HIGHWAY  
 (NON FREEWAY) BORE **C**  
 008

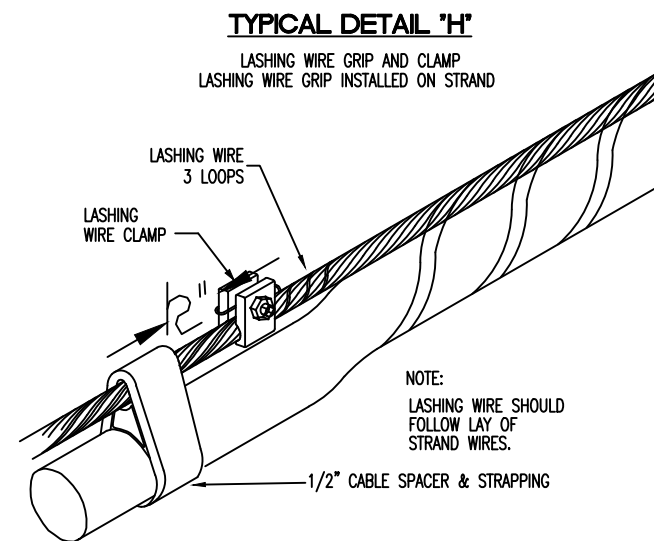
1. HDPE CASING SHALL EXTEND FROM TOE OF SLOPE TO TOE OF SLOPE.
2. BORE PITS SHALL BE A MINIMUM OF 30 FEET FROM THE EDGE OF PAVEMENT ON FULLY ACCESS-CONTROLLED HIGHWAY UNLESS OTHERWISE STAYED ON THE PERMIT.
3. HDPE CASING MUST BE A MINIMUM OF 60" BELOW THE DESIGNED DITCH GRADES ON EACH SIDE OF HIGHWAY 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.



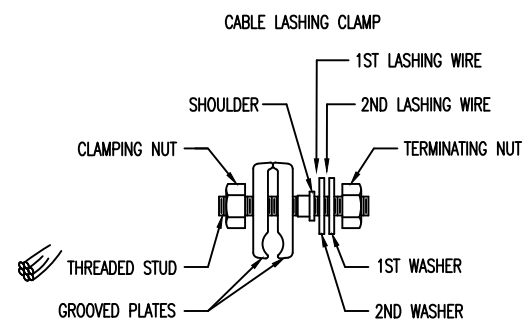
# TYPICAL DETAIL FOR STORING FIBER SLACK COIL



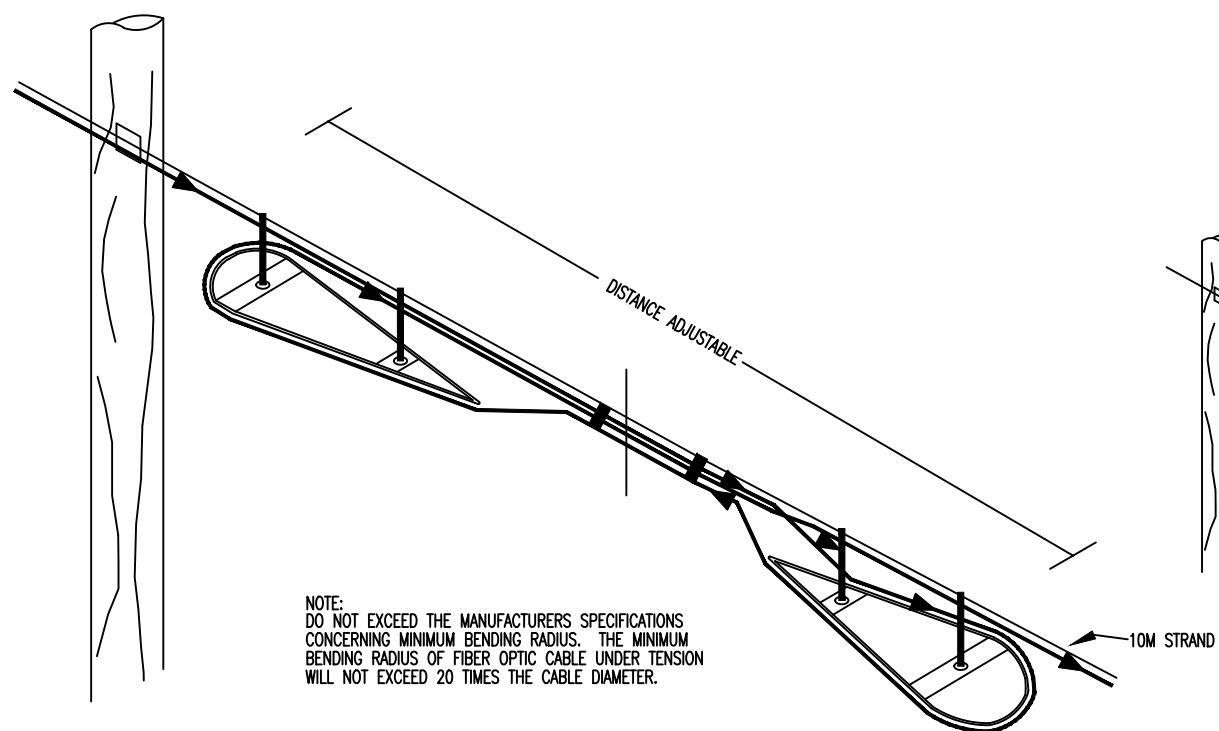
**DETAIL 'O'**



**TYPICAL DETAIL 'H'**



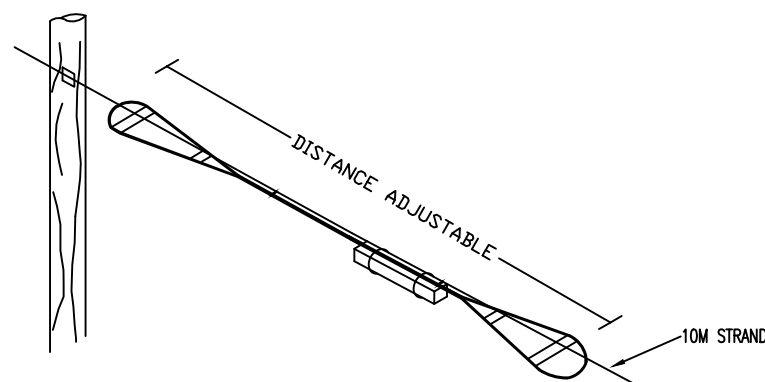
**CABLE LASHING CLAMP**



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.

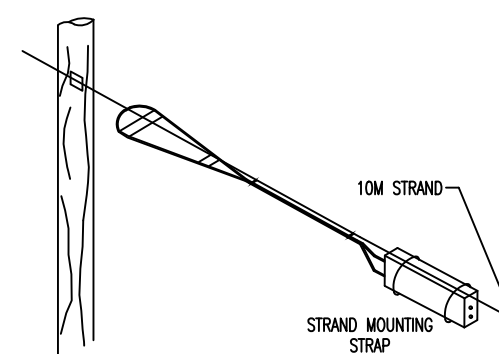
**TYPICAL DETAIL 'K'**

IN-LINE SPLICE APPLICATION



**TYPICAL DETAIL 'L'**

BUTT SPLICE APPLICATION



ROUTE  
EXCHANGE  
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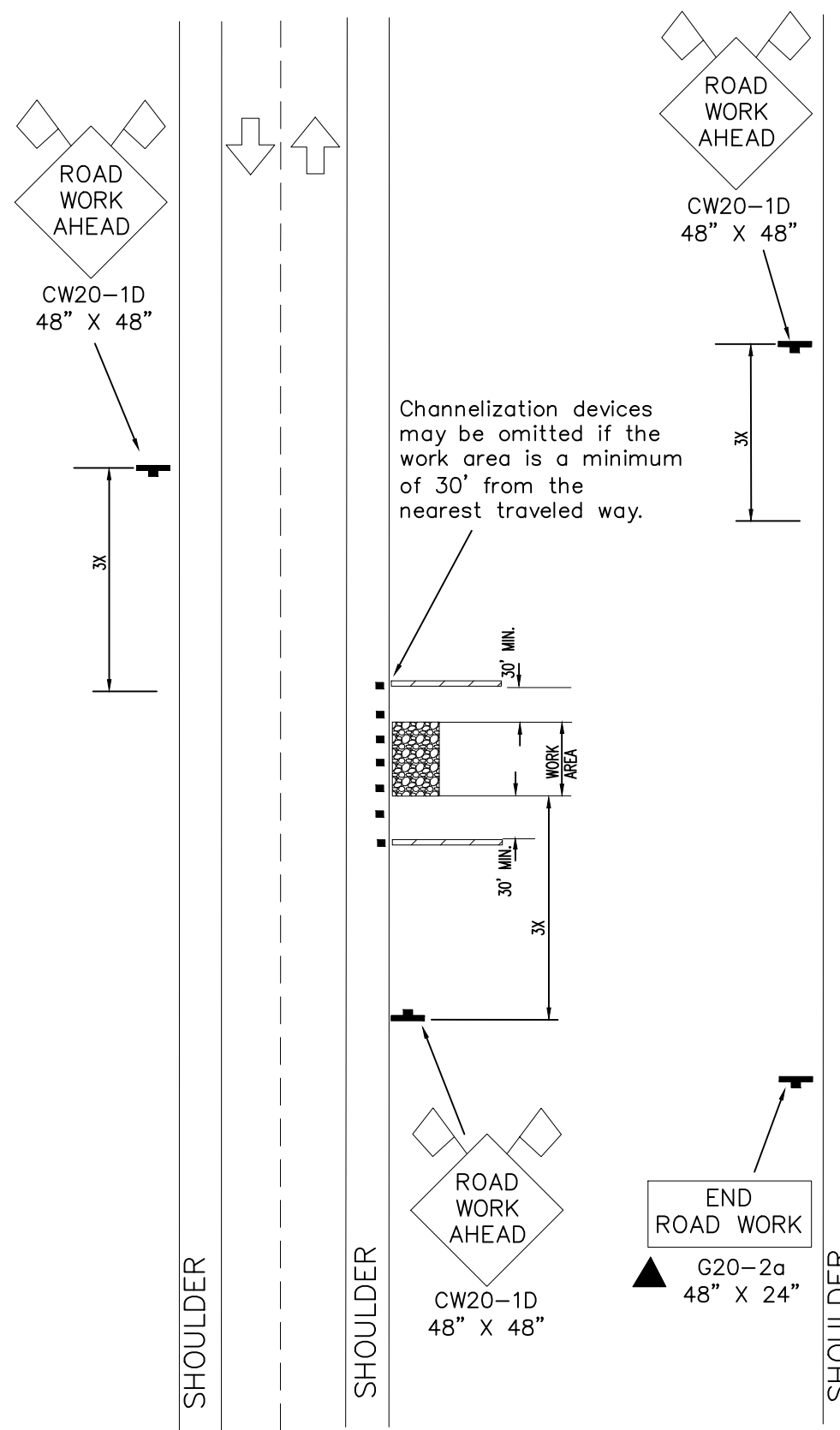
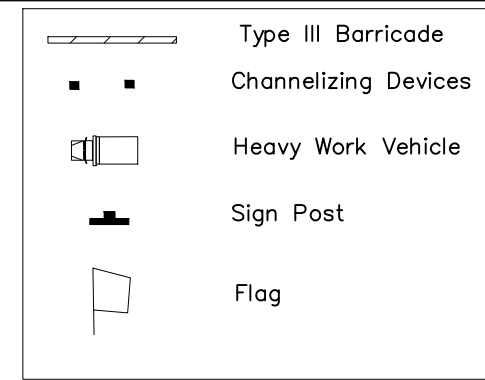
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SCALE:

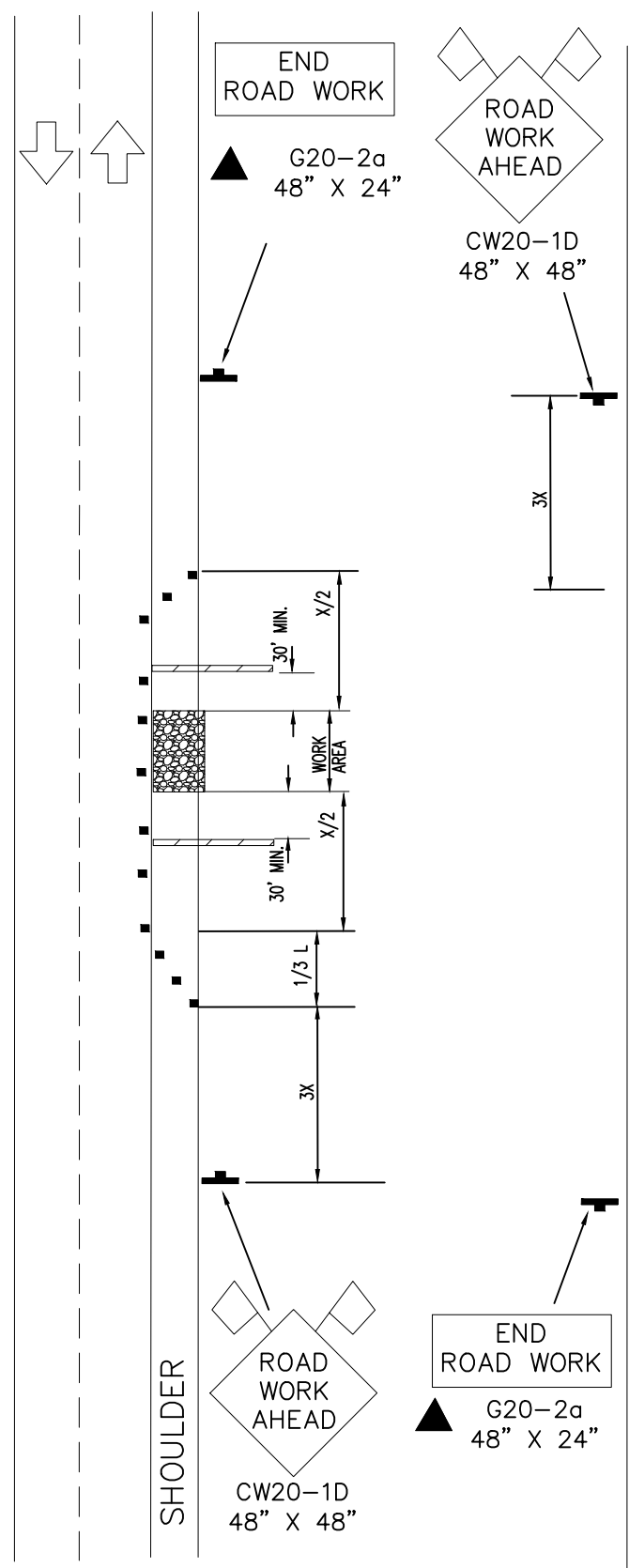


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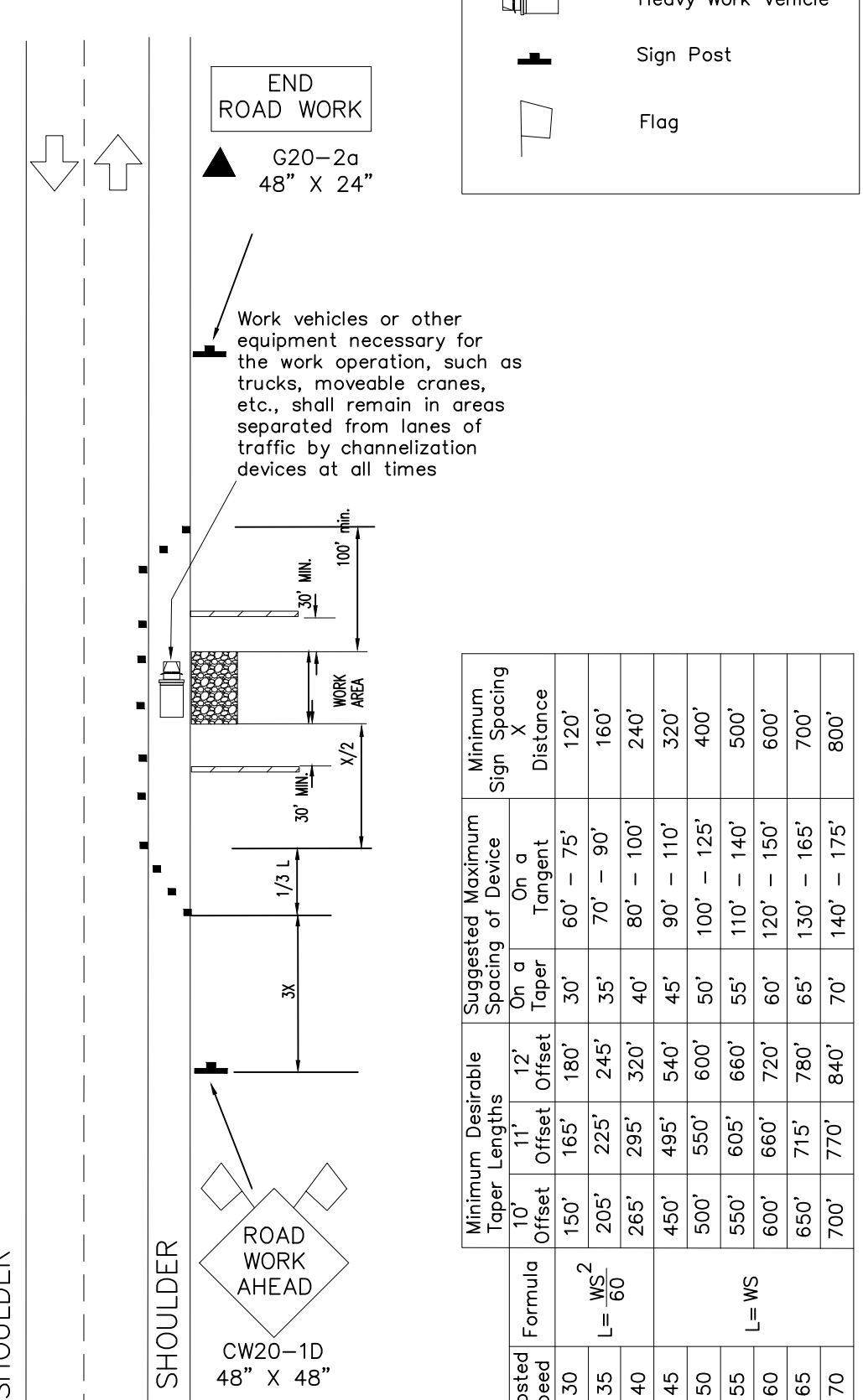
# TRAFFIC CONTROL PLAN



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 \_\_\_\_\_

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

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

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PROJECT CC01230A

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

DATE \_\_\_\_\_ REVISION \_\_\_\_\_ BY \_\_\_\_\_

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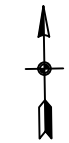
QA/QC: \_\_\_\_\_

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

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CO.  
SEC.  
TWN.  
RNG.  
TAX:

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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:

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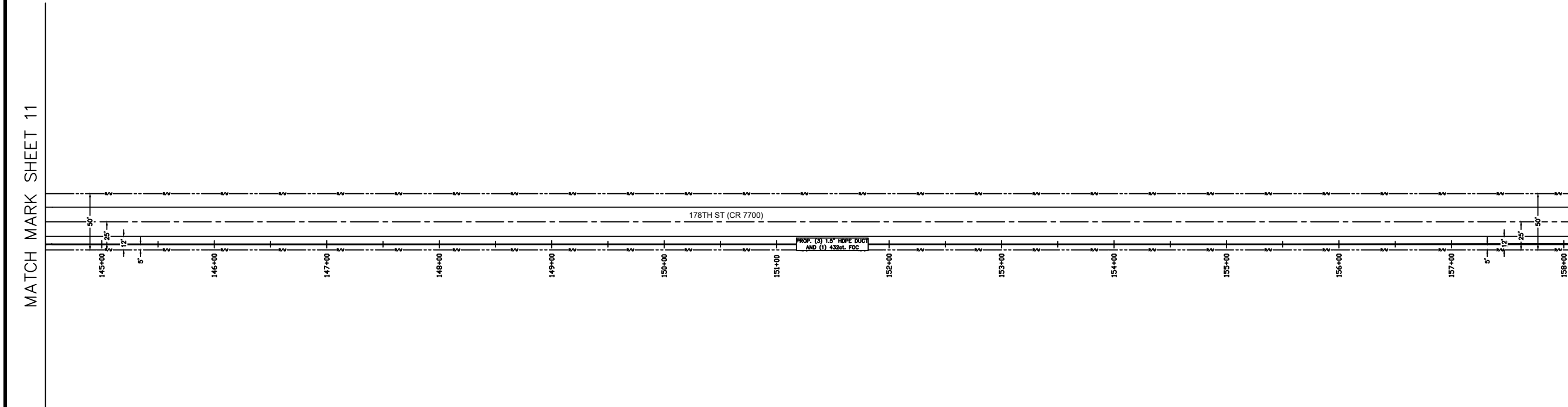
SCALE: 1"=100'



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:**  
 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

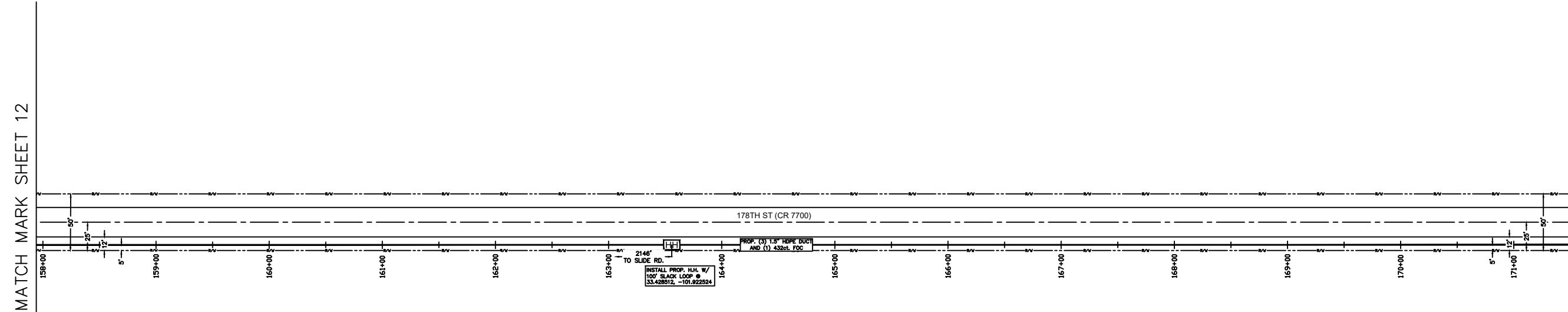
DEPTH	145+00	146+00	147+00	148+00	149+00	150+00	151+00	152+00	153+00	154+00	155+00	156+00	157+00	158+00
1' 0"														
2' 0"														
3' 0"														
4' 0"														
5' 0"														
TOTAL														

MAINTAIN 60" MIN. COVER

	CO.
	SEC.
	TWN.
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	TAX:

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DESIGN TO MAINTAIN  
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UTILITY LOCATION SERVICES:  
TEXAS811  
CITY UTILITIES: 806-775-1664  
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PROFILE

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

MAINTAIN 60" MIN. COVER



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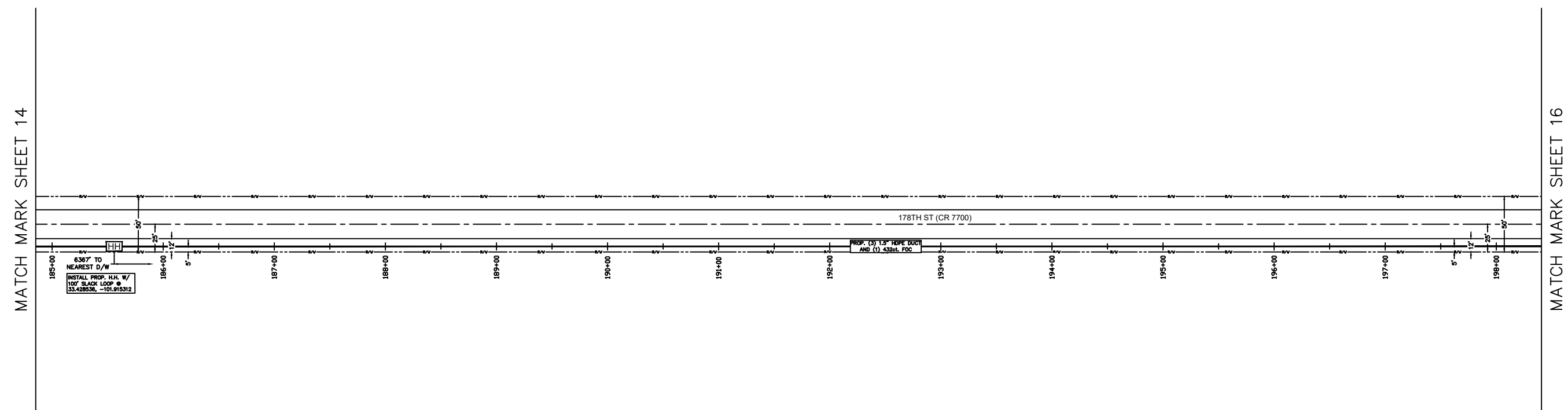
SCALE: 1"=100'



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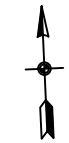
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UTILIZE TCP 2-1a, 2-1b  
 & 2-1c FOR TRAFFIC CONTROL

PROFILE

DEPTH	185+00	186+00	187+00	188+00	189+00	190+00	191+00	192+00	193+00	194+00	195+00	196+00	197+00	198+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:

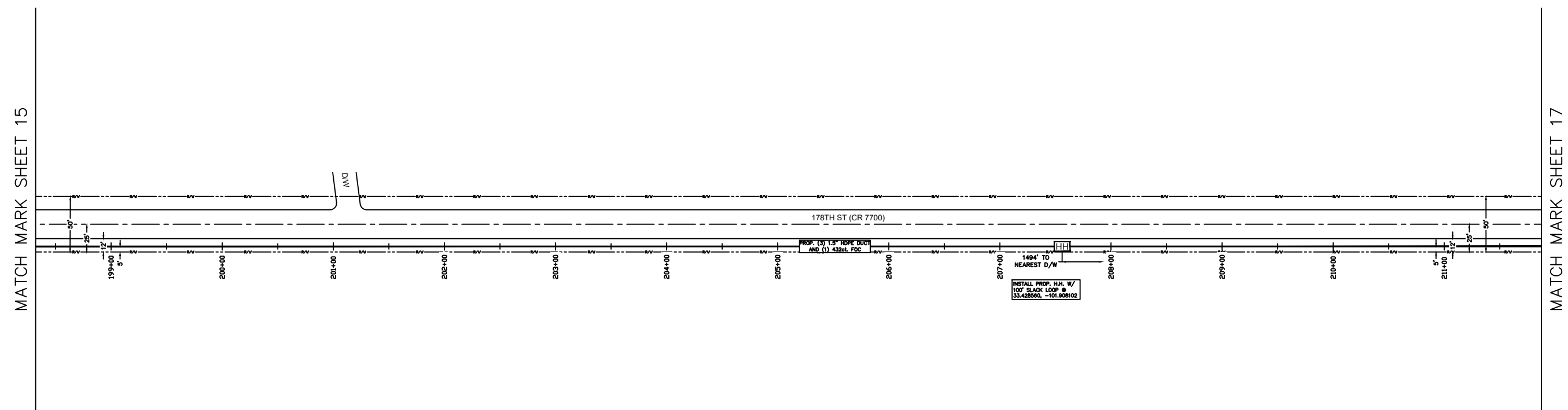
DATE: 10/6/21  
 DESIGN:  
 DRAFTED: EP  
 CHECKED:  
 QA/QC:  
 SCALE: 1"=100'



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:**  
 FIBERLIGHT IS PROPOSING TO PLACE IT'S NEW FACILITIES (8') OFF THE BACK OF THE  
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 FIBERLIGHT MAY HAVE TO MOVE FURTHER FROM THE BACK OF THE RIGHT-OF-WAY.  
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UTILIZE TCP 2-1a, 2-1b  
 & 2-1c FOR TRAFFIC CONTROL

DEPTH	PROFILE																			
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: \_\_\_\_\_

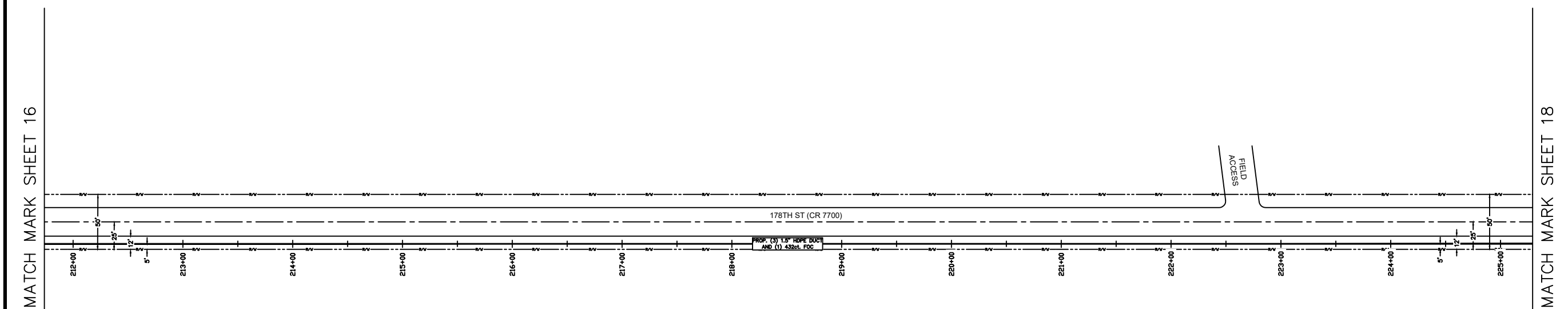
SCALE: 1"=100'



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

PROFILE

DEPTH	212+00	213+00	214+00	215+00	216+00	217+00	218+00	219+00	220+00	221+00	222+00	223+00	224+00	225+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'



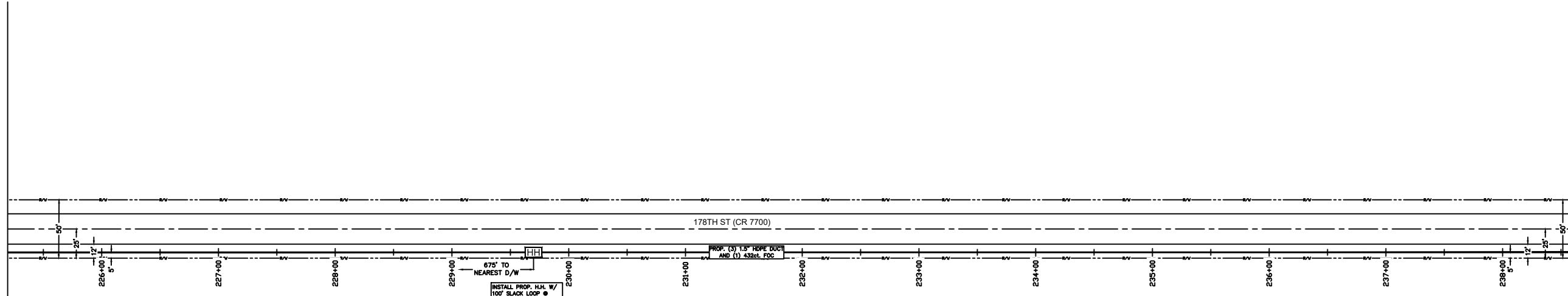
ENGINEERING COMPANY:

**MTC MANWEILER**  
TELECOM CONSULTING, INC.

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

MATCH MARK SHEET 17

MATCH MARK SHEET 19



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	226+00	227+00	228+00	229+00	230+00	231+00	232+00	233+00	234+00	235+00	236+00	237+00	238+00
1' 0"													
2' 0"													
3' 0"													
4' 0"													
5' 0"													
TOTAL													

MAINTAIN 60" MIN. COVER

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

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'



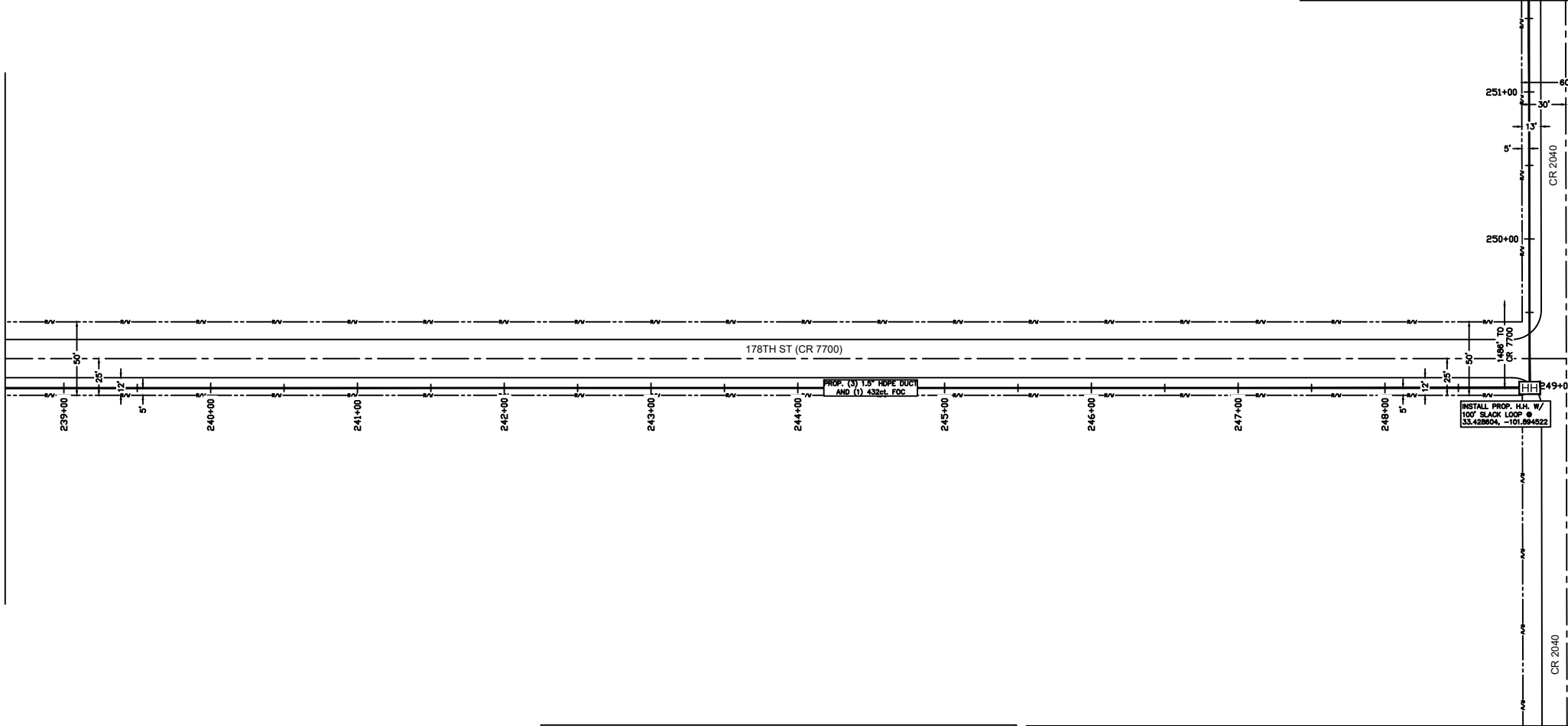
ENGINEERING COMPANY:



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

MATCH MARK SHEET 20

MATCH MARK SHEET 18



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	239+00	240+00	241+00	242+00	243+00	244+00	245+00	246+00	247+00	248+00	249+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

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'



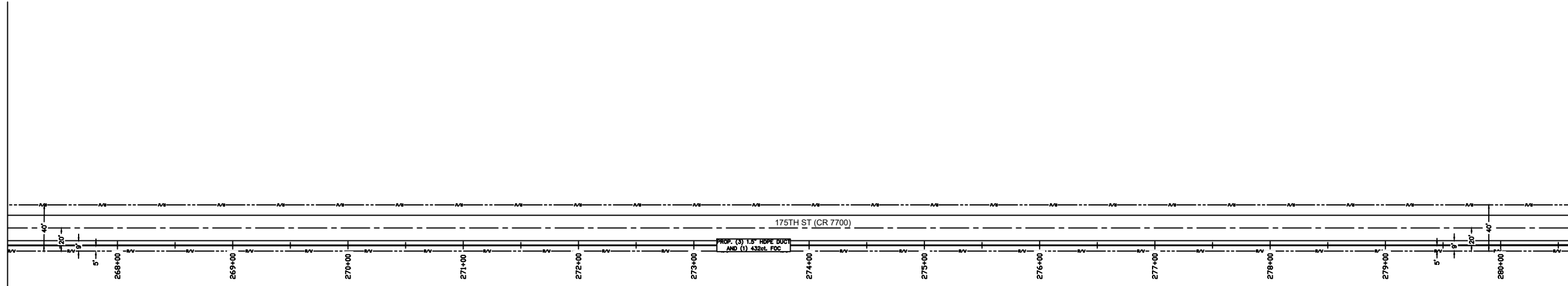
ENGINEERING COMPANY:



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

MATCH MARK SHEET 20

MATCH MARK SHEET 22



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  
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 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	268+00	269+00	270+00	271+00	272+00	273+00	274+00	275+00	276+00	277+00	278+00	279+00	280+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:

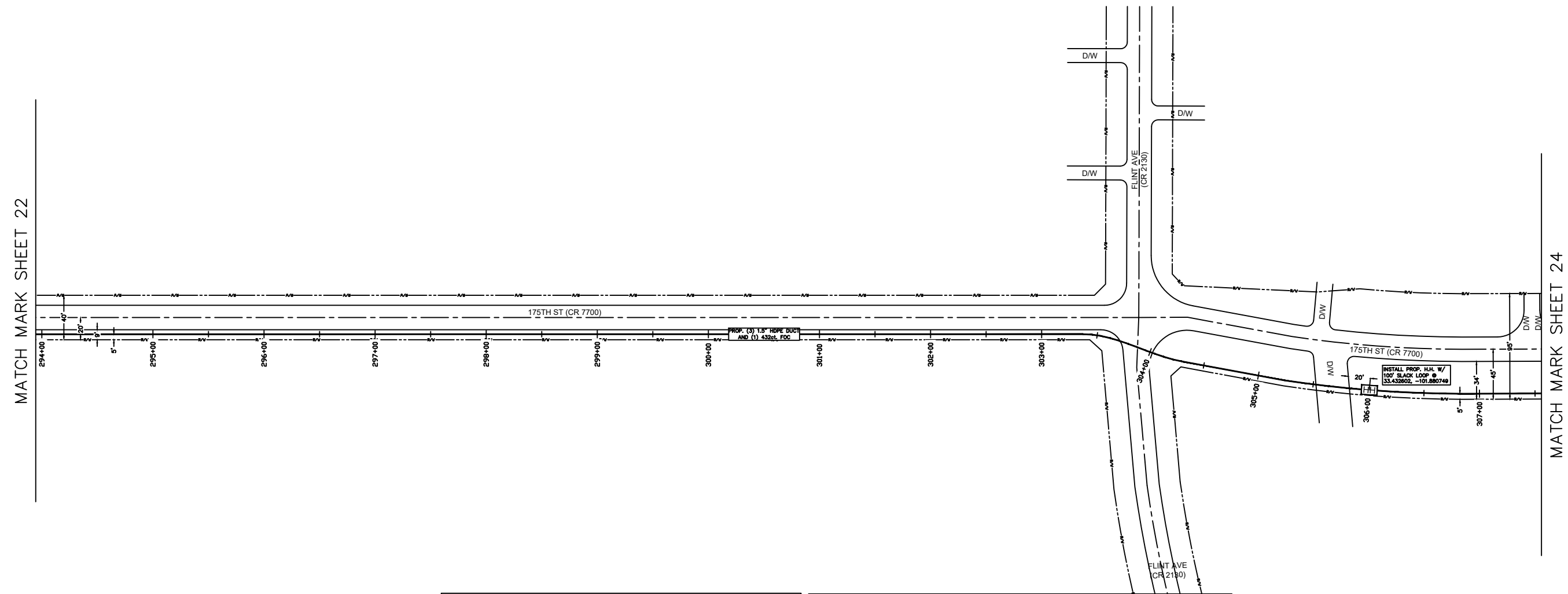
SCALE: 1"=100'



ENGINEERING COMPANY:



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



MATCH MARK SHEET 22

MATCH MARK SHEET 24

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	294+00	295+00	296+00	297+00	298+00	299+00	300+00	301+00	302+00	303+00	304+00	305+00	306+00	307+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

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

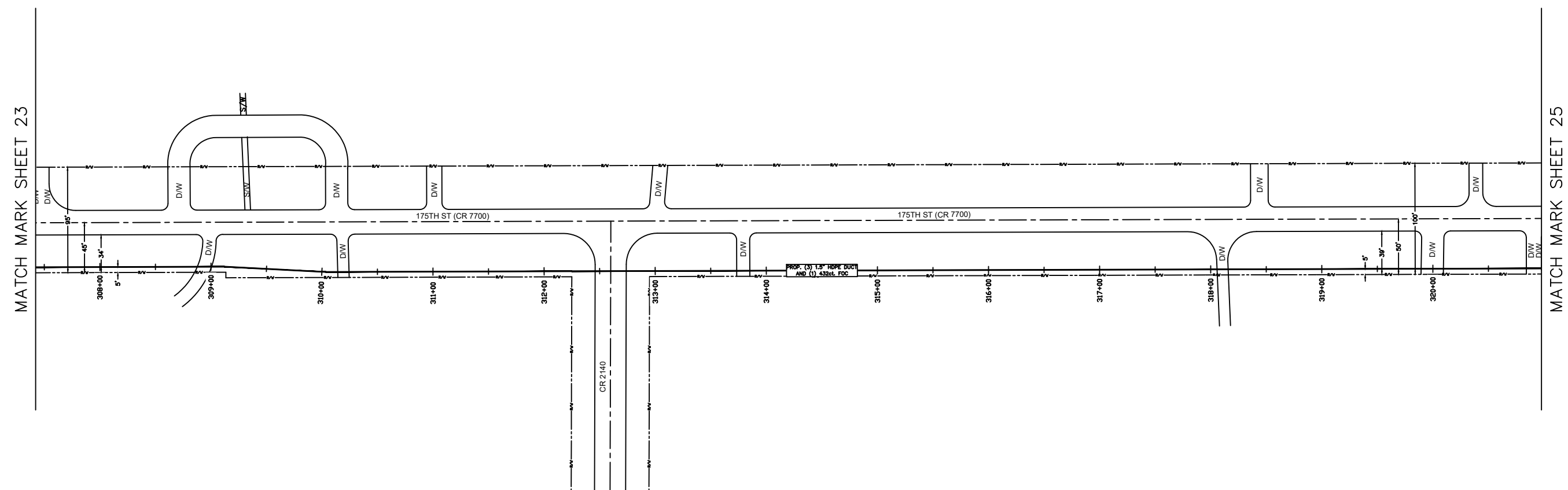
SCALE: 1"=100'



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

PROFILE

DEPTH	308+00	309+00	310+00	311+00	312+00	313+00	314+00	315+00	316+00	317+00	318+00	319+00	320+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'

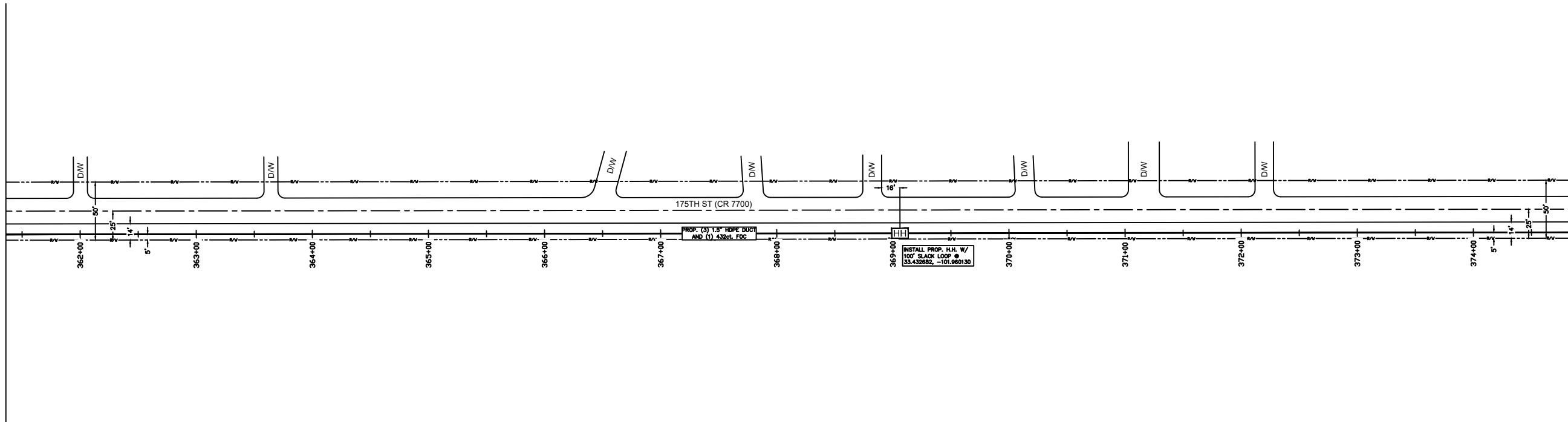


ENGINEERING COMPANY:



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

MATCH MARK SHEET 27



MATCH MARK SHEET 29

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  
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 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	362+00	363+00	364+00	365+00	366+00	367+00	368+00	369+00	370+00	371+00	372+00	373+00	374+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'

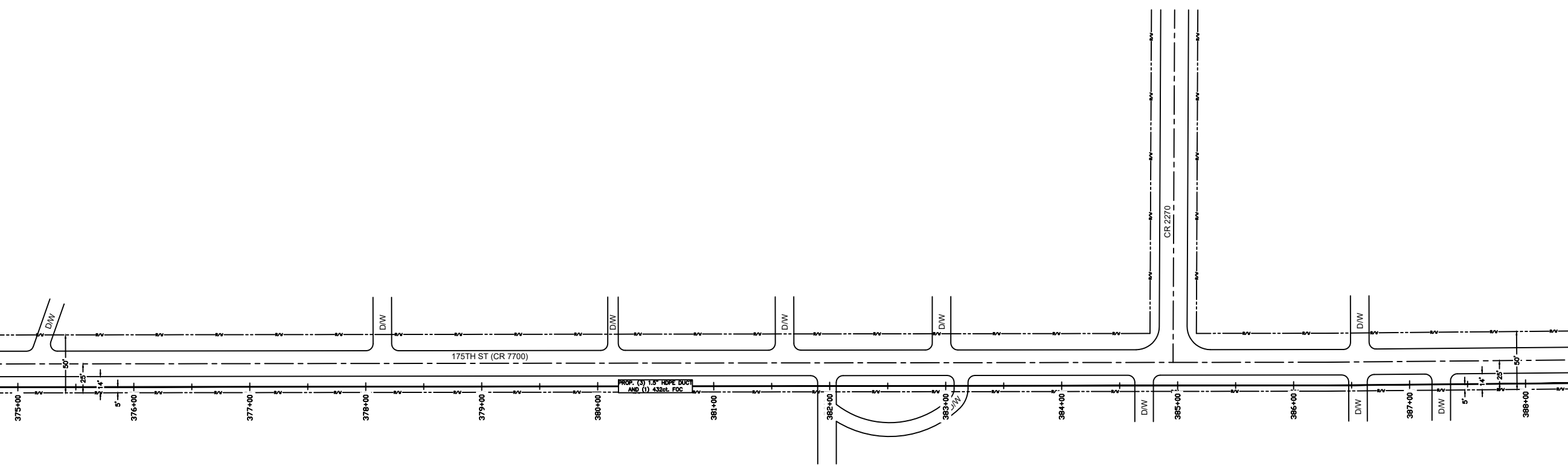


ENGINEERING COMPANY:



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

MATCH MARK SHEET 28



MATCH MARK SHEET 30

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

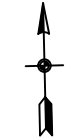
**PROFILE**

DEPTH	375+00	376+00	377+00	378+00	379+00	380+00	381+00	382+00	383+00	384+00	385+00	386+00	387+00	388+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:

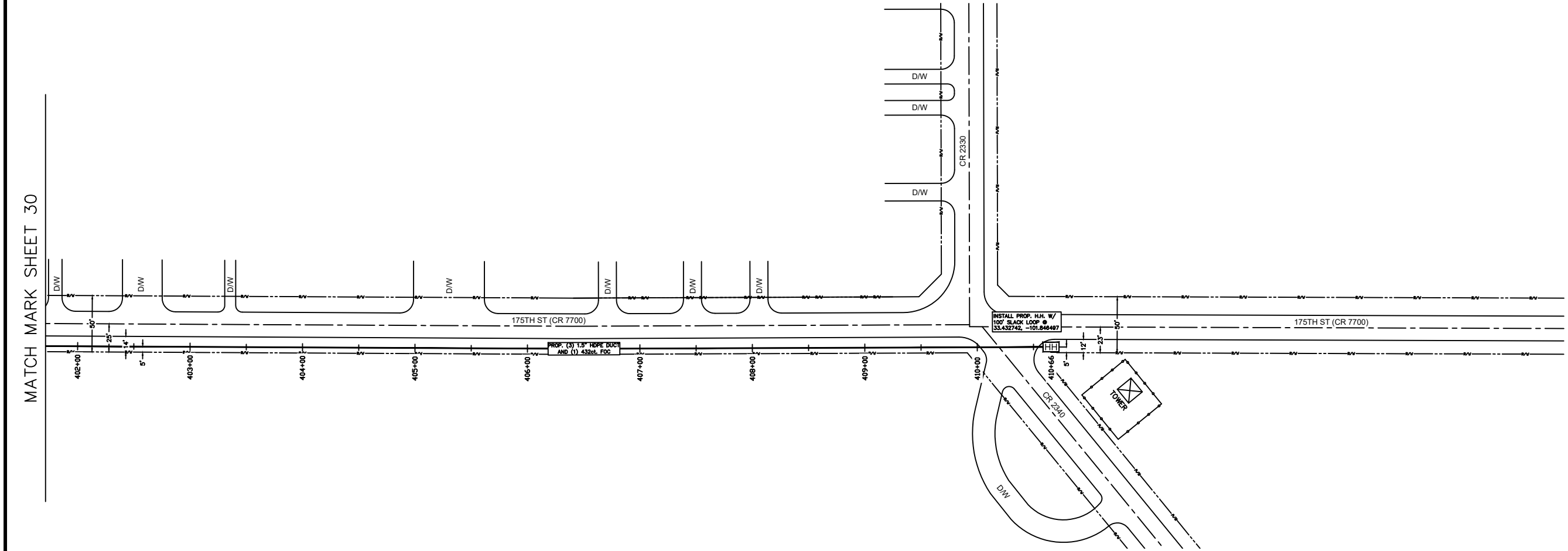
SCALE: 1"=100'



ENGINEERING COMPANY:



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



MATCH MARK SHEET 30

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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 TOWARDS THE ROAD TO MAINTAIN THE 2' MINIMUM SEPARATION. FIBERLIGHT WILL NOT  
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UTILIZE TCP 2-1a, 2-1b  
 & 2-1c FOR TRAFFIC CONTROL

PROFILE

DEPTH	402+00	403+00	404+00	405+00	406+00	407+00	408+00	409+00	410+00	410+66	411+00	412+00	413+00	414+00	415+00	416+00	417+00	418+00	419+00	420+00
1' 0"																				
2' 0"																				
3' 0"																				
4' 0"																				
5' 0"																				
TOTAL																				

MAINTAIN 60" MIN. COVER