

VIAERO FIBER NETWORKS, LLC CONSTRUCTION PLANS

BACKBONE & DISTRIBUTION ROUTE

EL PASO COUNTY, COLORADO

CONSTRUCTION NOTES:

1. CONTRACTOR MUST HAVE A COPY OF THE APPROVED PERMIT FROM THE APPROPRIATE AGENCIES ON THE JOBSITE AT ALL TIMES.
2. ALL WORK IS TO BE IN ACCORDANCE WITH ALL AUTHORITIES HAVING JURISDICTION IN THE WORK ZONE.
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, QUANTITIES, AND EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION.
4. CONTRACTOR MUST OBTAIN LOCATES AND POTHOLE ALL UTILITIES ALONG THE PLANNED RUNNING LINE PRIOR TO CONSTRUCTION.
5. THE UTILITY SIZE AND EXACT LOCATION CROSSING THE PROPOSED RUNNING LINE SHALL BE DETERMINED DURING THE POT-HOLE PROCESS AND NOTED ON THE CONSTRUCTION DRAWINGS.
6. CONTRACTOR IS RESPONSIBLE FOR DETERMINING LOCATION AND AVOIDING ALL CONFLICTS WITH EXISTING UTILITIES.
7. ALL CABLE IS TO BE PLACED AT THE VIAERO STANDARD MINIMUM DEPTH OF 48".
8. ANY DISTURBED LANDSCAPING IS TO BE REPLACED TO EQUAL OR BETTER THAN THAT WHICH EXISTED PRIOR TO WORK.
9. ALL WORK IS TO BE PROPERLY BACKFILLED PRIOR TO END OF WORKDAY. NO OPEN TRENCHES ARE ALLOWED OVERNIGHT.
10. NO CONSTRUCTION ON PRIVATE PROPERTY IS TO COMMENCE UNTIL EASEMENT IS GRANTED IN WRITING BY VIAERO.
11. IN AREAS WHERE PROPOSED WORK IS IN CLOSE PROXIMITY TO EXISTING RIGHTS-OF-WAYS AND/OR PROPERTY LINES, CONTRACTOR IS RESPONSIBLE FOR LOCATING SAID LINES AND AVOIDING ENCROACHMENT ONTO UNAUTHORIZED PROPERTY.
12. THESE PLANS ARE PRESENTED IN A PERFORMANCE SPECIFICATION FORMAT. BIDDING CONTRACTORS ARE ADVISED TO CONTACT VIAERO FIBER NETWORKS, LLC FOR ANY ADDITIONAL INFORMATION OR CLARIFICATION CONCERNING SCOPE OF WORK OR THE REQUIREMENTS NECESSARY FOR PROJECT COMPLETION.
13. CONTRACTORS ARE ADVISED TO CONTACT VIAERO FIBER NETWORKS, LLC FOR ANY ADDITIONAL INFORMATION OR CLARIFICATION CONCERNING SCOPE OF WORK OR THE REQUIREMENTS NECESSARY FOR PROJECT COMPLETION.

CONTACT INFORMATION:

VIAERO FIBER NETWORKS, LLC
 RON CHRISTENSEN PH: 970-467-3142
 ron.christensen@viaero.com

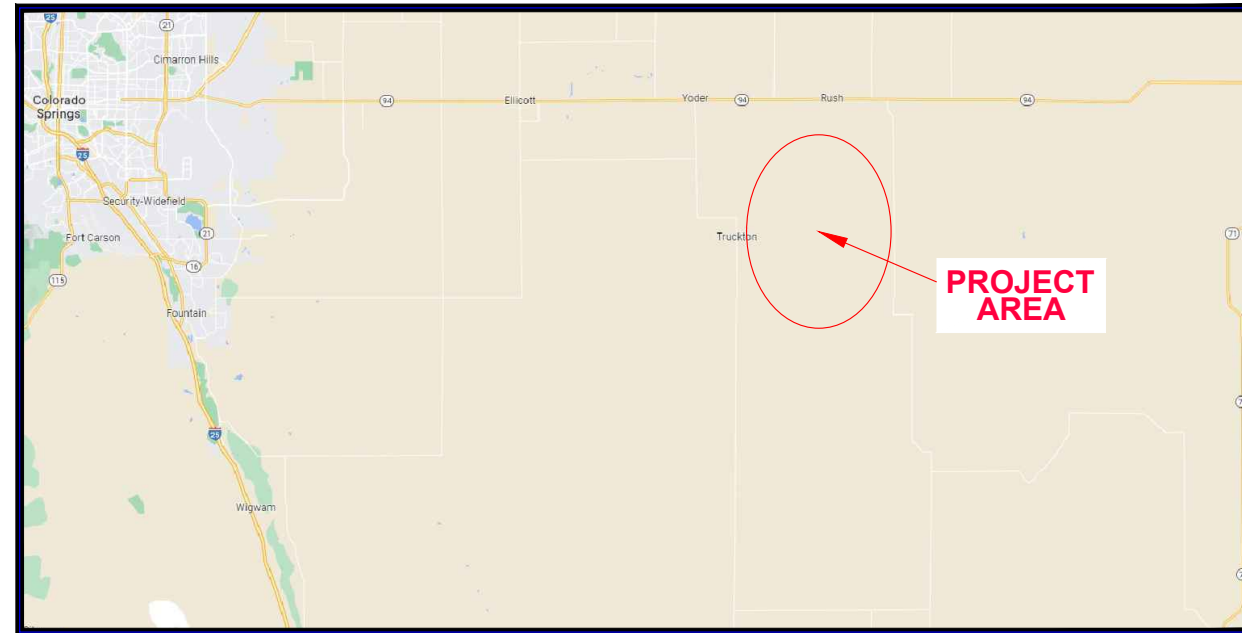
FINLEY ENGINEERING COMPANY, INC
 507-777-2000

GENERAL NOTES:

1. RUNNING LINE PLAN COLOR INDICATES:
 VICINITY MAP: BLACK = FOR ROUTE ONLY
 PLAN SHEETS: RED = DIRECTIONAL BORE
 PLAN SHEETS: GREEN = PLOW
 PLAN SHEETS: TRENCH = ORANGE

SCOPE OF WORK:

THIS PROJECT IS PROPOSED TO CONSTRUCT CONDUITS UNDERGROUND BEGINNING AT LINCOLN/EL PASO COUNTY LINE WITH THE INTERSECTION OF TRUCKTON RD & CO RD 1, THEN WEST ALONG TRUCKTON RD TO HARDING RD S. DISTRIBUTION CONDUITS START AT INTERSECTION OF TRUCKTON RD & CO RD 1, GOING NORTH APPROX 1 MILE; INTERSECTION OF TRUCKTON RD & JOHNSON RD, GOING NORTH APPROX 3.5 MILES & SOUTH APPROX 1.75 MILES; INTERSECTION OF TRUCKTON RD & S RUSH RD, GOING NORTH APPROX 1.75 MILES & SOUTH APPROX 1.75 MILES; INTERSECTION OF TRUCKTON RD & GRAVEL RD, GOING SOUTH APPROX 1/2 MILE IN SECTION 22; INTERSECTION OF TRUCKTON RD & WHITTEMORE RD, GOING NORTH APPROX 1 MILE & SOUTH APPROX 2 MILES. IN ADDITION, THE REMAINDER OF THE MAIN RTE STARTS AT LINCOLN/EL PASO COUNTY LINE WITH THE INTERSECTION OF SHEAR RD & CO RD 1, THEN WEST ALONG SHEAR RD TO BOWEN LN, THEN NORTH ALONG BOWEN LN TO BOWEN RD, THEN EAST ALONG BOWEN RD TO HARDING RD S (WITH DISTRIBUTION CONDUITS GOING EAST APPROX 1/4 MILE), THEN NORTH ALONG HARDING RD S UNTIL MEETING UP WITH SHT 11 JUST SOUTH OF INTERSECTION OF TRUCKTON RD & HARDING RD SOUTH. THIS PROPOSED PROJECT IS APPROXIMATELY 141,545' LONG.



Vicinity Map
NOT TO SCALE

(SEE SHEET 01A FOR PROJECT MAP)

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (3) MULTI-COLORED 1.25" SDR-11	60'	
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	69,895'	
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	71,590'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	114,890'	
FT	VIAERO (2) FP 4-WAY MICRODUCT	60'	
FT	VIAERO 192 FIBER	16,365'	
FT	VIAERO 96 FIBER	49,265'	
FT	VIAERO 48 FIBER	5545'	
FT	VIAERO 24 FIBER	1120'	
FT	VIAERO 12 FIBER	73,480'	
FT	VIAERO 2 CT FLAT DROP	177,870'	
EA	VIAERO 30"X48"X36"/20K SP HH	1	
EA	VIAERO 30"X48"X24"/20K HH	4	
EA	VIAERO 30"X48"X24"/20K SP HH	3	
EA	VIAERO 24"X36"X24"/20K HH	33	
EA	VIAERO 13"X24"X15" HH	71	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (3) MULTI-COLORED 1.25" & (2) FP 4-WAY MICRODUCT	60'	
FT	DIR BORE (2) MULTI-COLORED 1.25" SDR-11	790'	
FT	DIR BORE (2) MULTI-COLORED 1.25" & (1) FP	2575'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	2845'	
FT	DIR BORE (1) 2 CT FLAT DROP	1620'	
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	25,445'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	41,145'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	68,745'	
FT	PLACE VIAERO 192 FIBER	16,365'	
FT	PLACE VIAERO 96 FIBER	49,265'	
FT	PLACE VIAERO 48 FIBER	5545'	
FT	PLACE VIAERO 24 FIBER	1120'	
FT	PLACE VIAERO 12 FIBER	73,480'	
FT	PLACE VIAERO 2 CT FLAT DROP	177,870'	
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EA	PLACE VIAERO 24"X36"X24"/20K HH	33	
EA	PLACE VIAERO 13"X24"X15" HH	71	

PROJECT APPROVAL SIGN-OFFS:

EL PASO COUNTY _____ DATE: _____

VIAERO FIBER NETWORKS, LLC _____ DATE: _____

WORK PLAN INDEX	
SHEET	DRAWING NAME
01	COVER SHEET
01A	ROUTE SHEET
02-31	PROJECT SHEETS
32-36	PROJECT NOTES
37-39	PROJECT DETAILS

EL PASO COUNTY:

KEVIN MASTIN, EXECUTIVE DIRECTOR
 EL PASO COUNTY
 3275 AKERS DR
 COLORADO SPRINGS, CO 80922
 719-520-6460

LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
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- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING

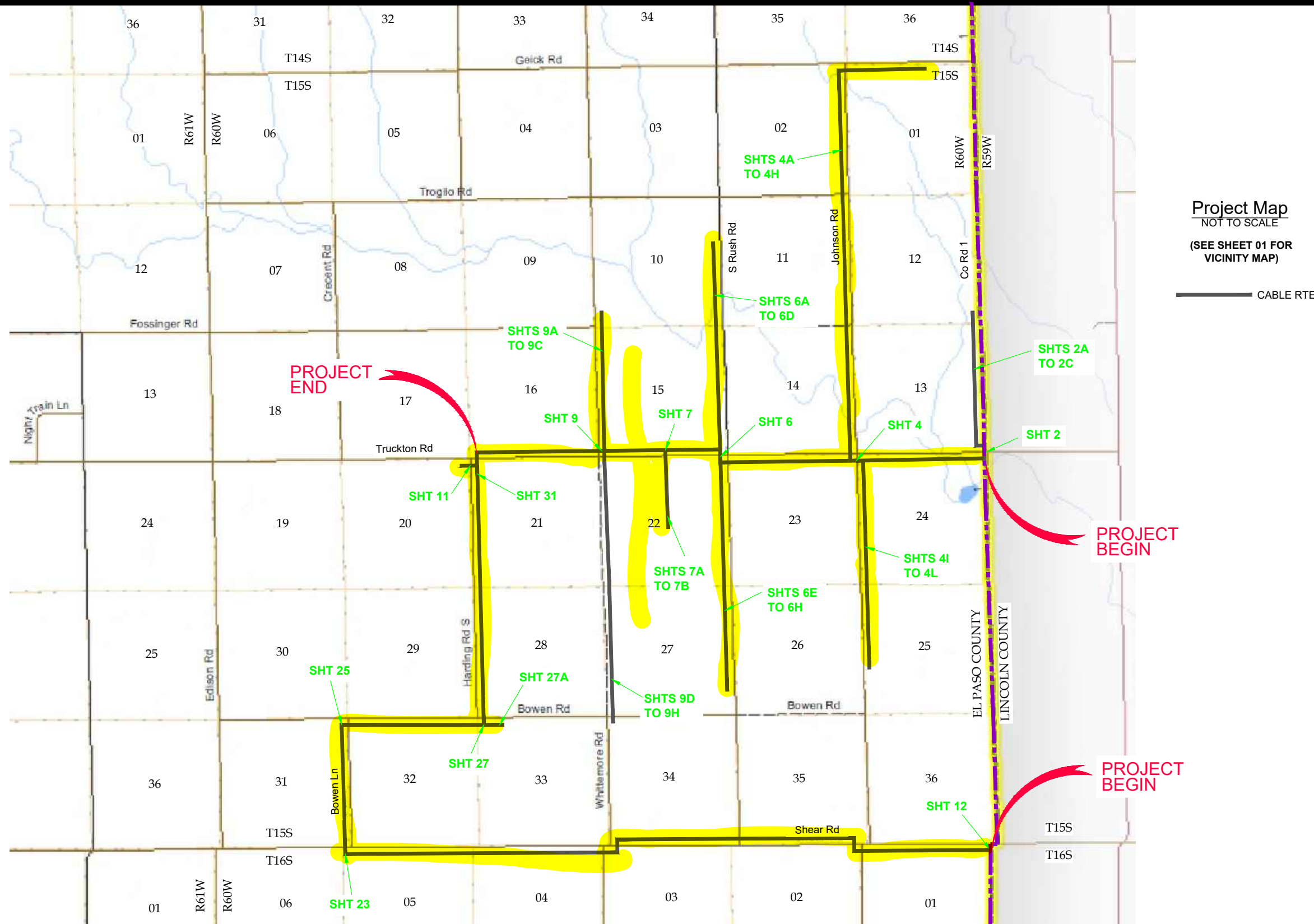


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APPROVED BY:	_____
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	EL PASO COUNTY COLORADO
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS COVER SHEET
MAP:	01 OF 39

VIAERO FIBER NETWORKS, LLC CONSTRUCTION PLANS

BACKBONE & DISTRIBUTION ROUTE

EL PASO COUNTY, COLORADO



- LEGEND**
- STREET SIGN
 - FIRE HYDRANT
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 - EOG
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 - STREAM
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Project Map
NOT TO SCALE
(SEE SHEET 01 FOR VICINITY MAP)

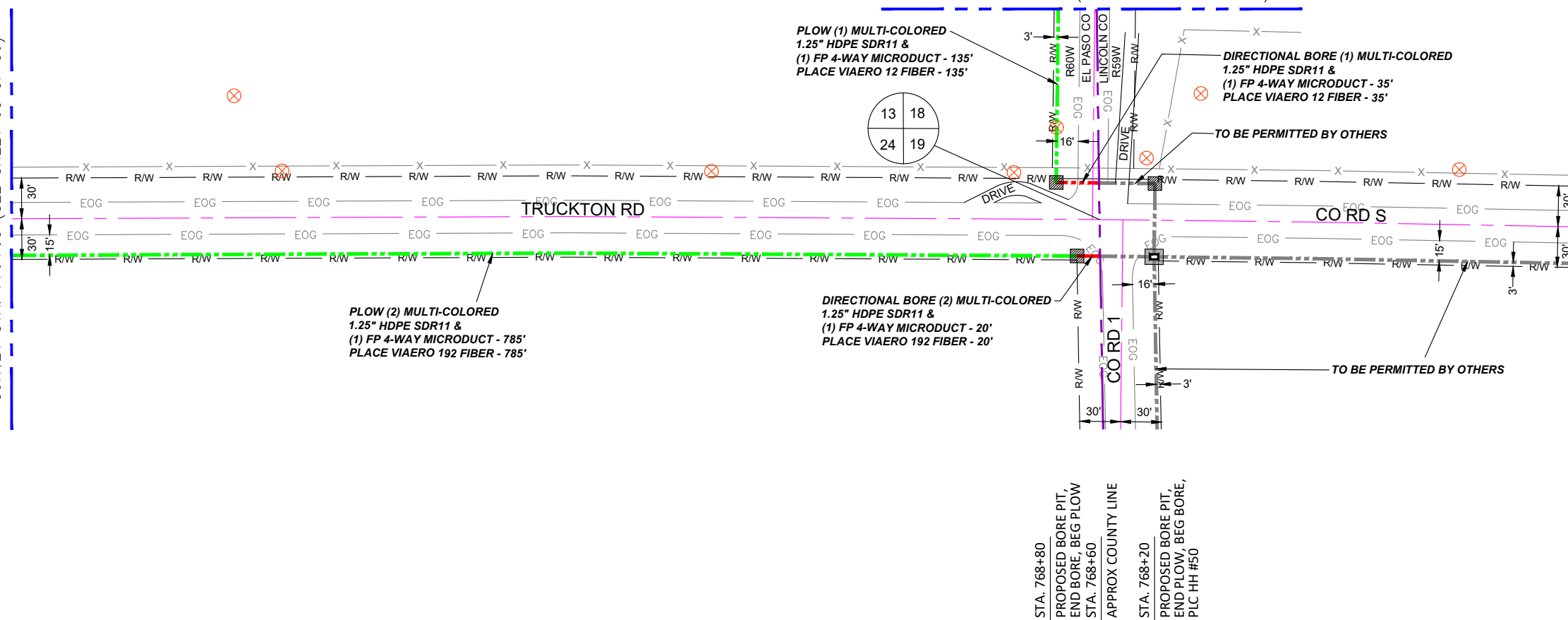
———— CABLE RTE



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DESCRIPTION:	CONSTRUCTION PLANS COVER SHEET
MAP:	01A OF 39

SURVEY STA. 776+65 (SEE SHEET 03 OF 39)

SURVEY STA. 2+70 (SEE SHEET 02A OF 39)



STA. 1+35
 PROPOSED BORE PIT,
 END BORE, BEG PLOW, PI RT
 STA. 1+00
 APPROX COUNTY LINE
 STA. 0+60
 PROPOSED BORE PIT,
 END BORE, BEG BORE, PI LT
 STA. 0+00
 HH #50, BEG BORE

LEGEND

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SITE ADDRESS:
 RUSH TOWER DISTRIBUTION
 LINCOLN COUNTY & EL PASO COUNTY, CO
 T155 R59 & 60W

FILE NAME: EL PASO COUNTY
 01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET

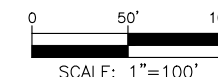
MAP: 02 OF 39

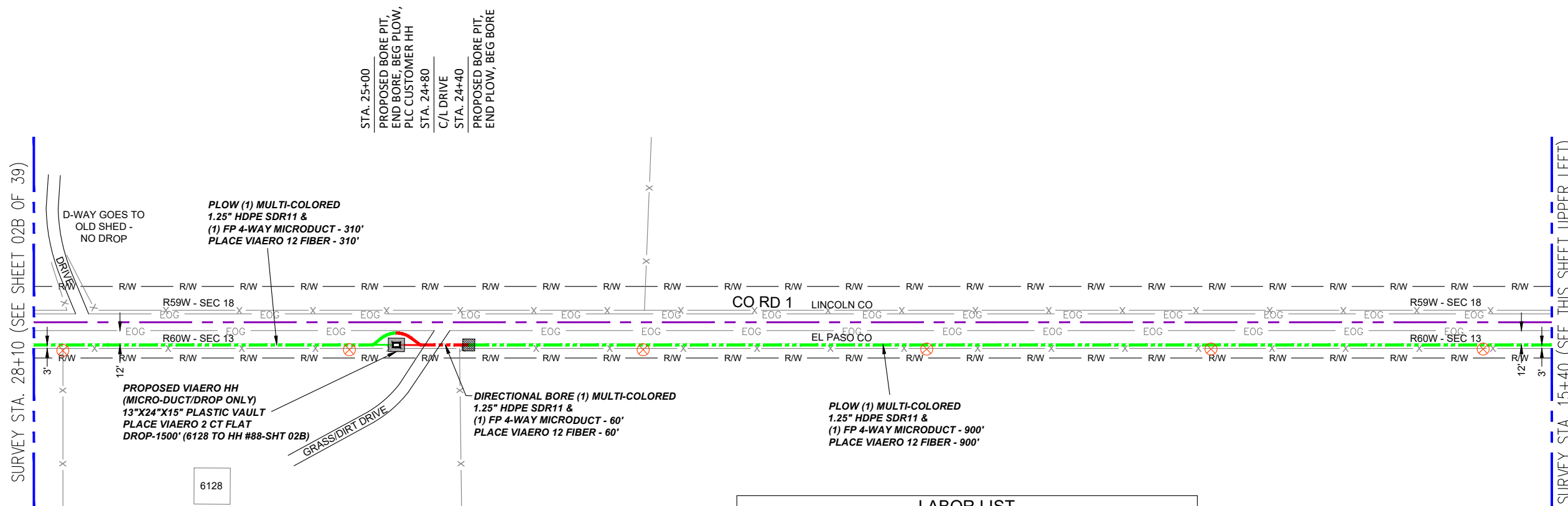
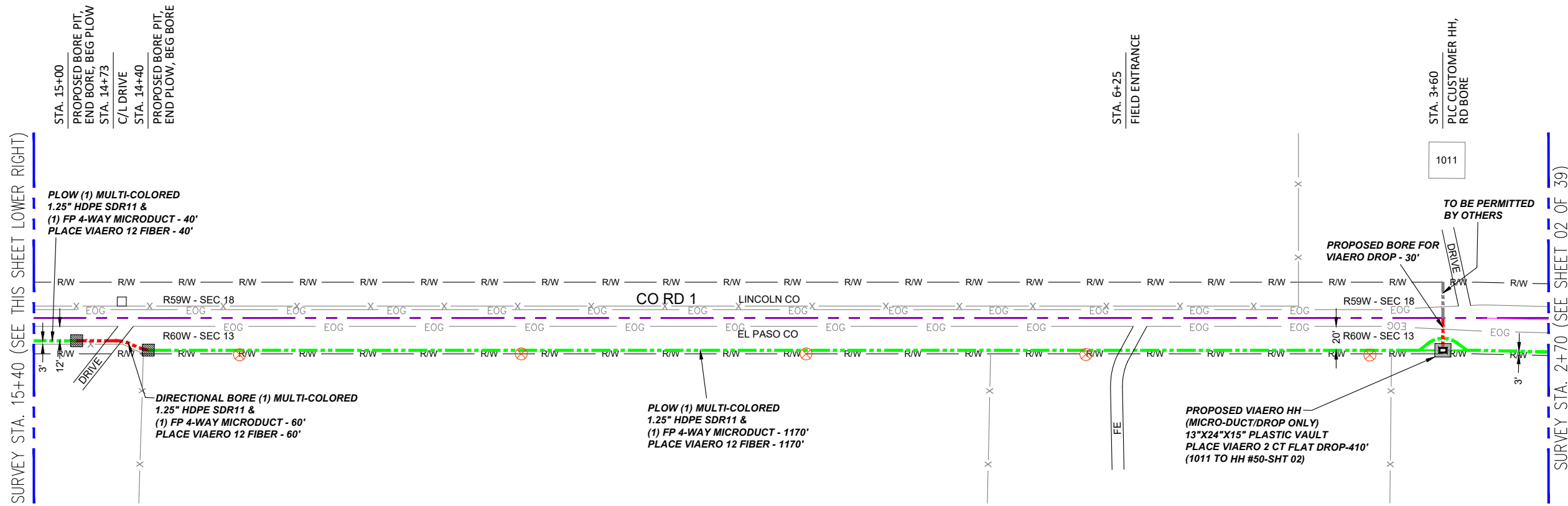
MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	805'	
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	170'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	975'	
FT	VIAERO 192 FIBER	805'	
FT	VIAERO 12 FIBER	170'	
FT	VIAERO 2 CT FLAT DROP	0	
EA	VIAERO 30"x48"x24"/20K HH	0	
EA	VIAERO 13"x24"x15" HH	0	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (2) MULTI-COLORED 1.25" & (1) FP	20'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	785'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	35'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	135'	
FT	PLACE VIAERO 192 FIBER	805'	
FT	PLACE VIAERO 12 FIBER	170'	
FT	PLACE VIAERO 2 CT FLAT DROP	0	
EA	PLACE VIAERO 30"x48"x24"/20K HH	0	
EA	PLACE VIAERO 13"x24"x15" HH	0	

← DIRECTION OF ENGINEERING

NOTE:
 PLACE CAUTION WARNING RIBBON
 1 FOOT ABOVE THE CABLE.





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- STREET SIGN
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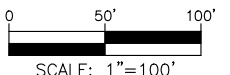
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	1910'	
EA	VIAERO 24"x36"x24"/20K HH	0	
EA	VIAERO 13"x24"x15" HH	2	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	30'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2420'	
FT	PLACE VIAERO 12 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	1910'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	0	
EA	PLACE VIAERO 13"x24"x15" HH	2	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



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 SITE ADDRESS: RUSH TOWER DISTRIBUTION
 LINCOLN & EL PASO COUNTY, CO
 T155 R59 & 60W
 FILE NAME: EL PASO COUNTY
 01-39.dwg
 DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET
 MAP: **02A OF 39**

SURVEY STA. 15+40 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 2+70 (SEE SHEET 02 OF 39)

SURVEY STA. 28+10 (SEE SHEET 02B OF 39)

SURVEY STA. 15+40 (SEE THIS SHEET UPPER LEFT)

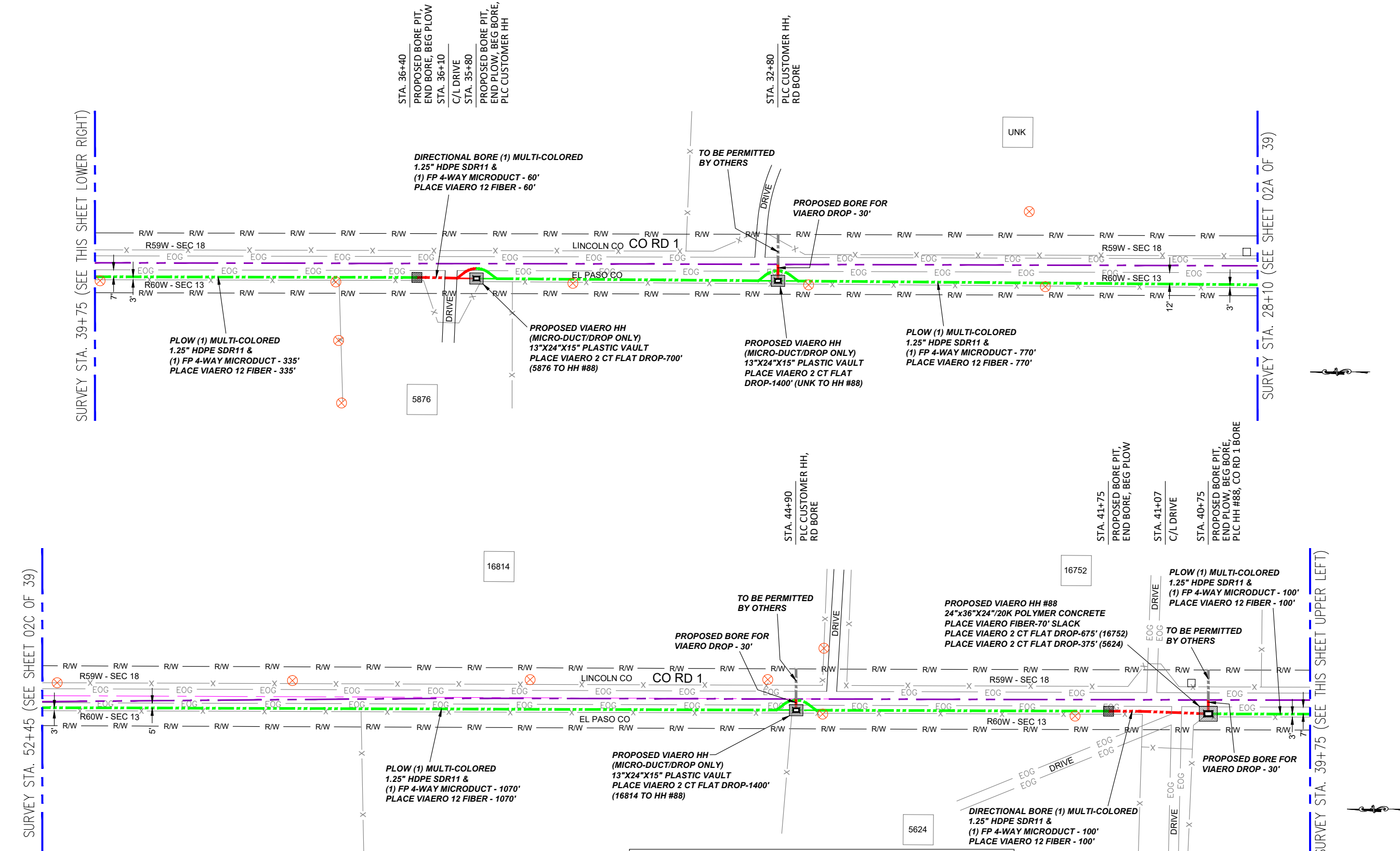
← DIRECTION OF ENGINEERING

SURVEY STA. 39+75 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 52+45 (SEE SHEET 02C OF 39)

SURVEY STA. 28+10 (SEE SHEET 02A OF 39)

SURVEY STA. 39+75 (SEE THIS SHEET UPPER LEFT)

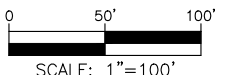


← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25\" SDR-11	2435'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2435'	
FT	VIAERO 12 FIBER	2505'	
FT	VIAERO 2 CT FLAT DROP	4550'	
EA	VIAERO 24\"X36\"X24\"/20K HH	1	
EA	VIAERO 13\"X24\"X15\" HH	3	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	90'	
FT	DIR BORE (1) MULTI-COLORED 1.25\" & (1) FP	160'	
FT	PLOW (1) MULTI-COLORED 1.25\" & (1) FP	2275'	
FT	PLACE VIAERO 12 FIBER	2505'	
FT	PLACE VIAERO 2 CT FLAT DROP	4550'	
EA	PLACE VIAERO 24\"X36\"X24\"/20K HH	1	
EA	PLACE VIAERO 13\"X24\"X15\" HH	3	

NOTE:
PLACE CAUTION WARNING RIBBON
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LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
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LINETYPES

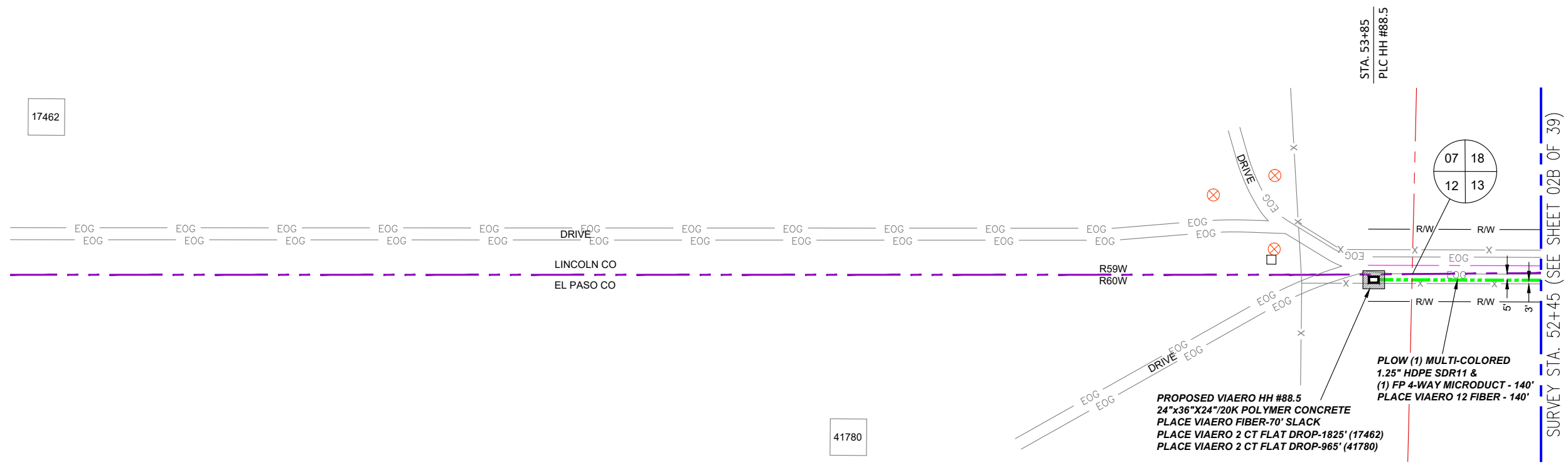
- CONDUIT-NOT IN CONTRACT
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- R/W
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FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	02B OF 39

17462

41780



- LEGEND**
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
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 - U UNDERGROUND ELECTRIC-EXISTING
 - O OHE OVERHEAD ELECTRIC-EXISTING
 - B BURIED FIBER-EXISTING
 - T TELEPHONE-EXISTING
 - SD STORM SEWER-EXISTING
 - SEW SANITARY SEWER-EXISTING
 - S STREAM
 - W WATER-EXISTING
 - B BUILDING-EXISTING

PROPOSED VIAERO HH #88.5
 24"x36"x24"/20K POLYMER CONCRETE
 PLACE VIAERO FIBER-70' SLACK
 PLACE VIAERO 2 CT FLAT DROP-1825' (17462)
 PLACE VIAERO 2 CT FLAT DROP-965' (41780)

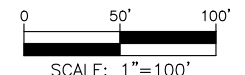
SURVEY STA. 52+45 (SEE SHEET 02B OF 39)

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	140'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	140'	
FT	VIAERO 12 FIBER	210'	
FT	VIAERO 2 CT FLAT DROP	2790'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	0	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	140'	
FT	PLACE VIAERO 12 FIBER	210'	
FT	PLACE VIAERO 2 CT FLAT DROP	2790'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	0	

NOTE:
 PLACE CAUTION WARNING RIBBON
 1 FOOT ABOVE THE CABLE.



DATE CREATED: 9/21/2022
 DATE REVISED: 11/8/2022
 DATE PLOTTED: 11/8/2022
 DRAWN BY: FEC
 CHECKED BY: FEC
 APPROVED BY: _____

COMPANY: VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:
 RUSH TOWER DISTRIBUTION
 LINCOLN & EL PASO COUNTY, CO
 T15S R59 & 60W

FILE NAME: EL PASO COUNTY
 01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET

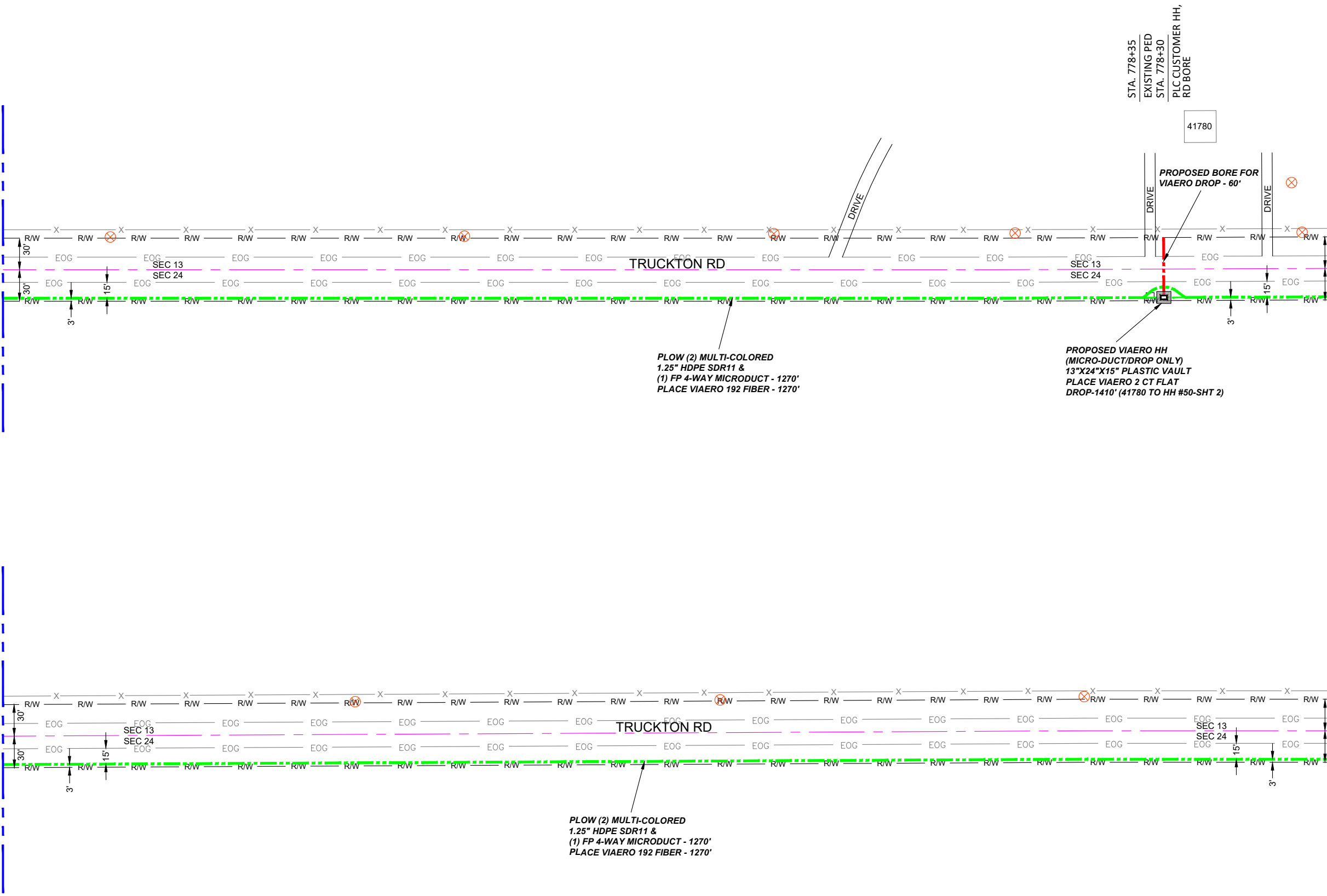
MAP: **02C OF 39**

SURVEY STA. 789+35 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 802+05 (SEE SHEET 04 OF 39)

SURVEY STA. 776+65 (SEE SHEET 02 OF 39)

SURVEY STA. 789+35 (SEE THIS SHEET UPPER LEFT)



PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 192 FIBER - 1270'

PROPOSED BORE FOR
VIAERO DROP - 60'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT
DROP-1410' (41780 TO HH #50-SHT 2)

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 192 FIBER - 1270'

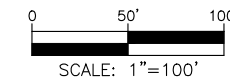
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 192 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	1410'	
EA	VIAERO 30"X48"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	1	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2540'	
FT	PLACE VIAERO 192 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	1410'	
EA	PLACE VIAERO 30"X48"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	1	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED UTILITY HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	03 OF 39

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (3) MULTI-COLORED 1.25" SDR-11	60'	
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2395'	
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	315'	
FT	VIAERO (2) FP 4-WAY MICRODUCT	60'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2710'	
FT	VIAERO 192 FIBER	2555'	
FT	VIAERO 12 FIBER	535'	
FT	VIAERO 2 CT FLAT DROP	2915'	
EA	VIAERO 30"X48"X24"/20K HH	1	
EA	VIAERO 13"X24"X15" HH	3	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (3) MULTI-COLORED 1.25" & (2) FP	60'	
FT	DIR BORE (2) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2335'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	195'	
FT	PLACE VIAERO 192 FIBER	2555'	
FT	PLACE VIAERO 12 FIBER	535'	
FT	PLACE VIAERO 2 CT FLAT DROP	2915'	
EA	PLACE VIAERO 30"X48"X24"/20K HH	1	
EA	PLACE VIAERO 13"X24"X15" HH	3	

- LEGEND**
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

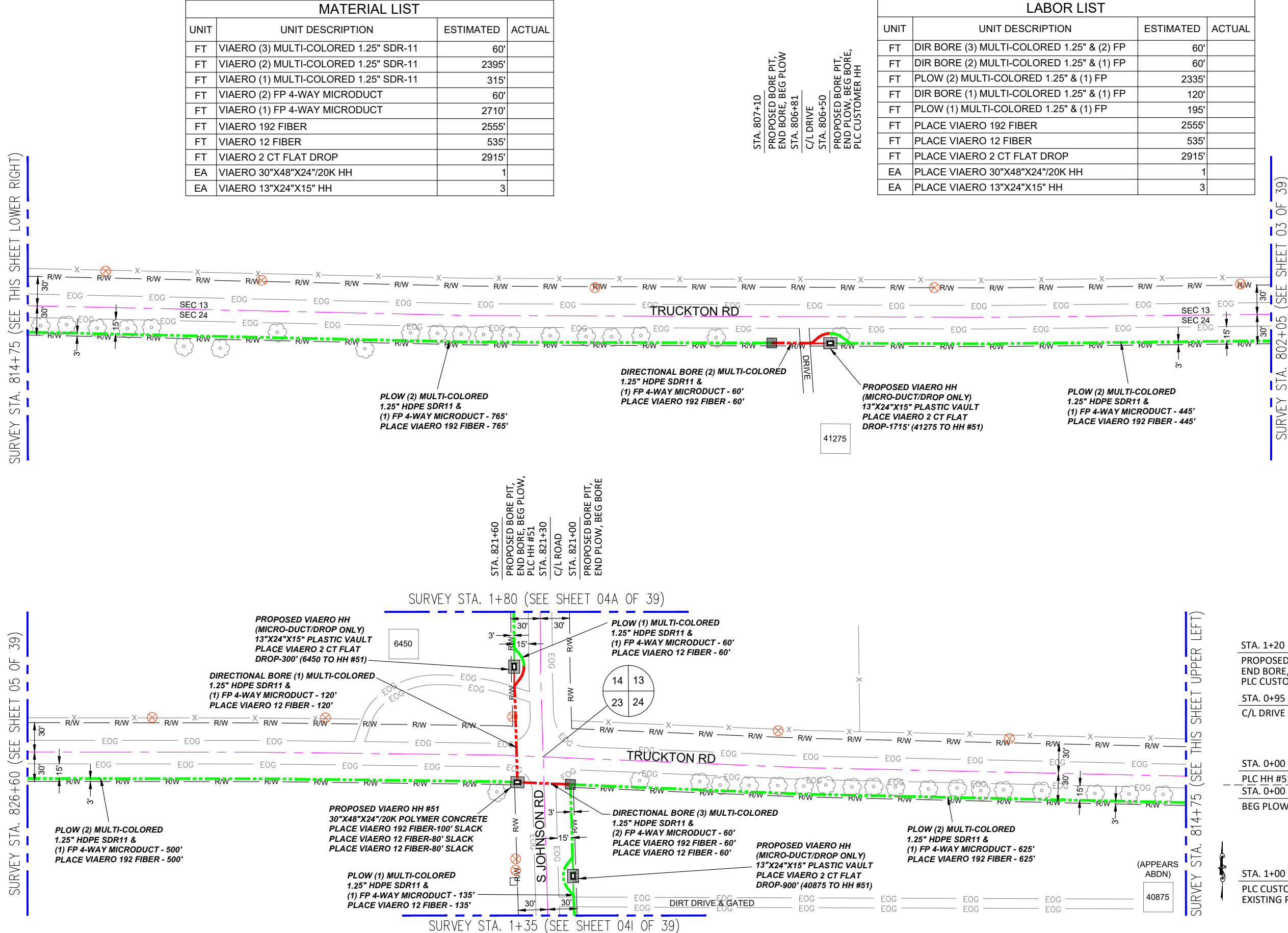
- LINETYPES**
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - RIGHT-OF-WAY
 - EDGE OF ASPHALT
 - EDGE OF GRAVEL
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING

SURVEY STA. 814+75 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 802+05 (SEE SHEET 03 OF 39)

SURVEY STA. 826+60 (SEE SHEET 05 OF 39)

SURVEY STA. 814+75 (SEE THIS SHEET UPPER LEFT)



STA. 807+10
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 806+81
C/L DRIVE
STA. 806+50
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLC CUSTOMER HH

STA. 821+60
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLC HH #51
STA. 821+30
C/L ROAD
STA. 821+00
PROPOSED BORE PIT,
END PLOW, BEG BORE

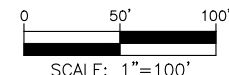
STA. 1+20
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLC CUSTOMER HH
STA. 0+95
C/L DRIVE

STA. 0+00 (NORTH)
PLC HH #51, BEG BORE
STA. 0+00 (SOUTH)
BEG PLOW

STA. 1+00
PLC CUSTOMER HH,
EXISTING PED

← DIRECTION OF ENGINEERING

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



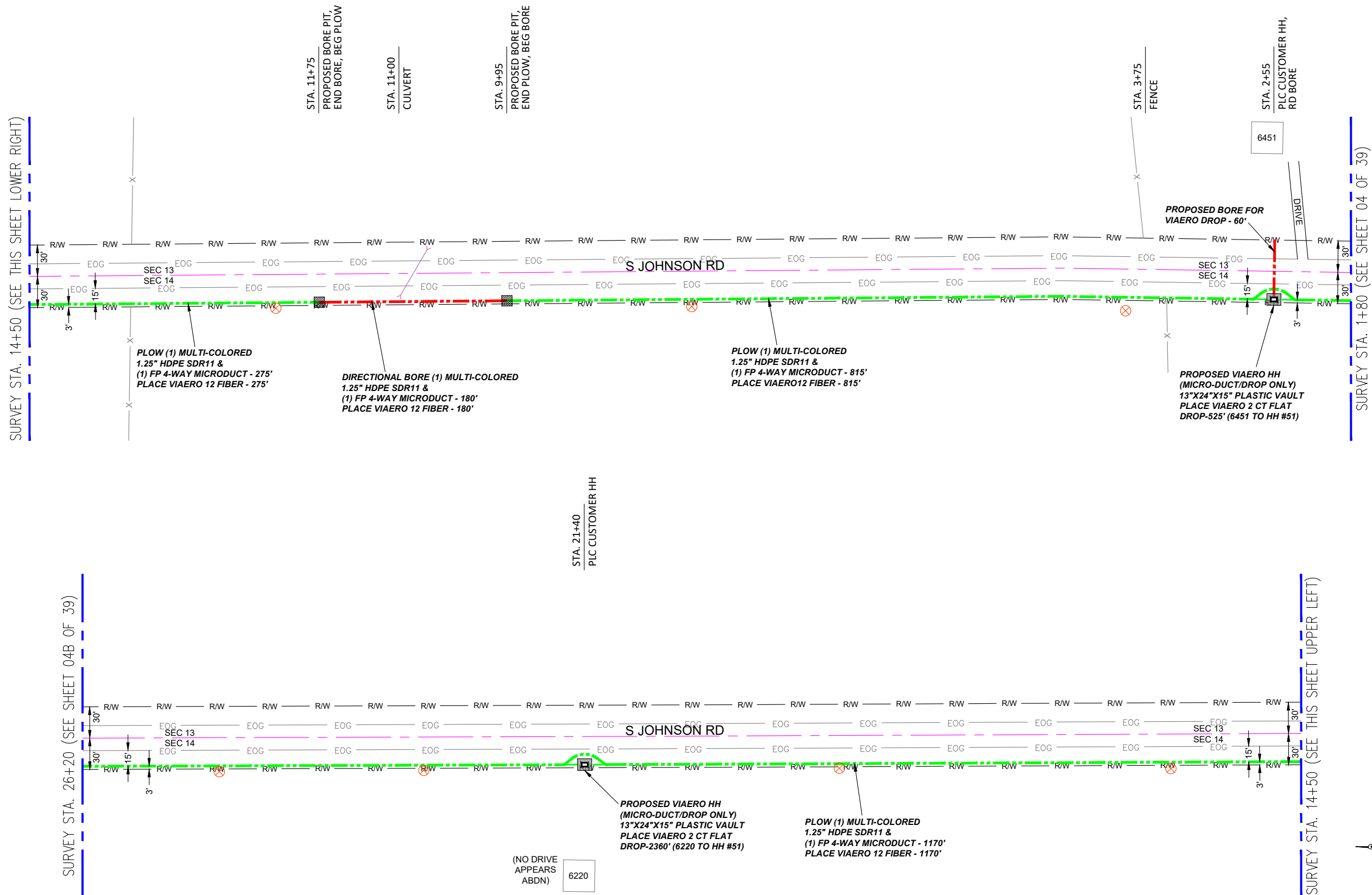
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DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04 OF 39

SURVEY STA. 14+50 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 26+20 (SEE SHEET 04B OF 39)

SURVEY STA. 14+50 (SEE THIS SHEET UPPER LEFT)

SURVEY STA. 1+80 (SEE SHEET 04 OF 39)



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING

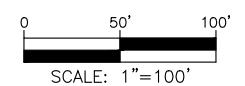


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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04A OF 39

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2440'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2440'	
FT	VIAERO 12 FIBER	2440'	
FT	VIAERO 2 CT FLAT DROP	2885'	
EA	VIAERO 24"x36"x24"/20K HH	0	
EA	VIAERO 13"x24"x15" HH	2	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	180'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2260'	
FT	PLACE VIAERO 12 FIBER	2440'	
FT	PLACE VIAERO 2 CT FLAT DROP	2885'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	0	
EA	PLACE VIAERO 13"x24"x15" HH	0	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



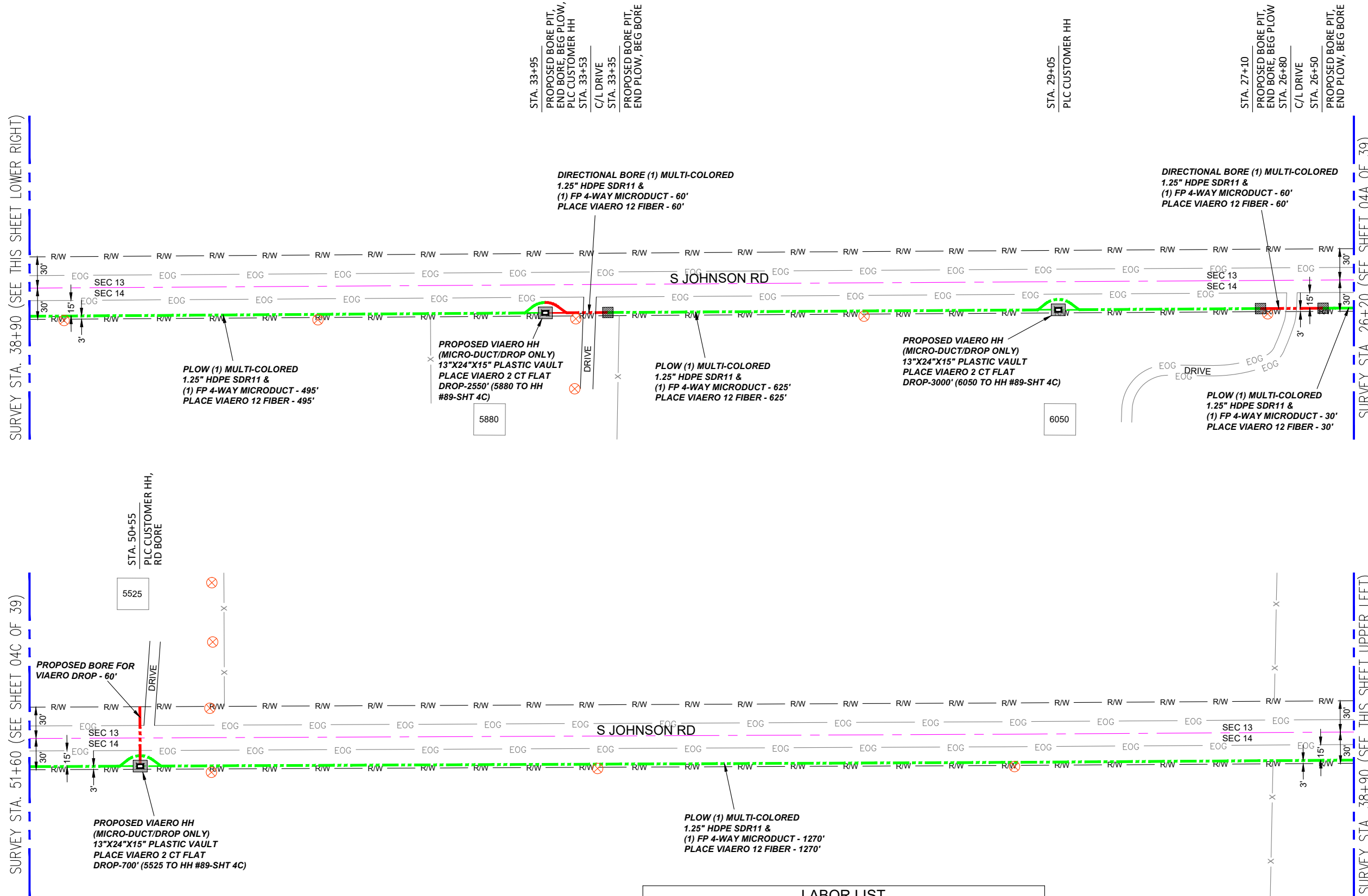
← DIRECTION OF ENGINEERING

SURVEY STA. 38+90 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 51+60 (SEE SHEET 04C OF 39)

SURVEY STA. 26+20 (SEE SHEET 04A OF 39)

SURVEY STA. 38+90 (SEE THIS SHEET UPPER LEFT)



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04B OF 39

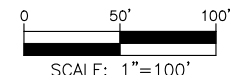
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	6250'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	3	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2420'	
FT	PLACE VIAERO 12 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	6250'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	3	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



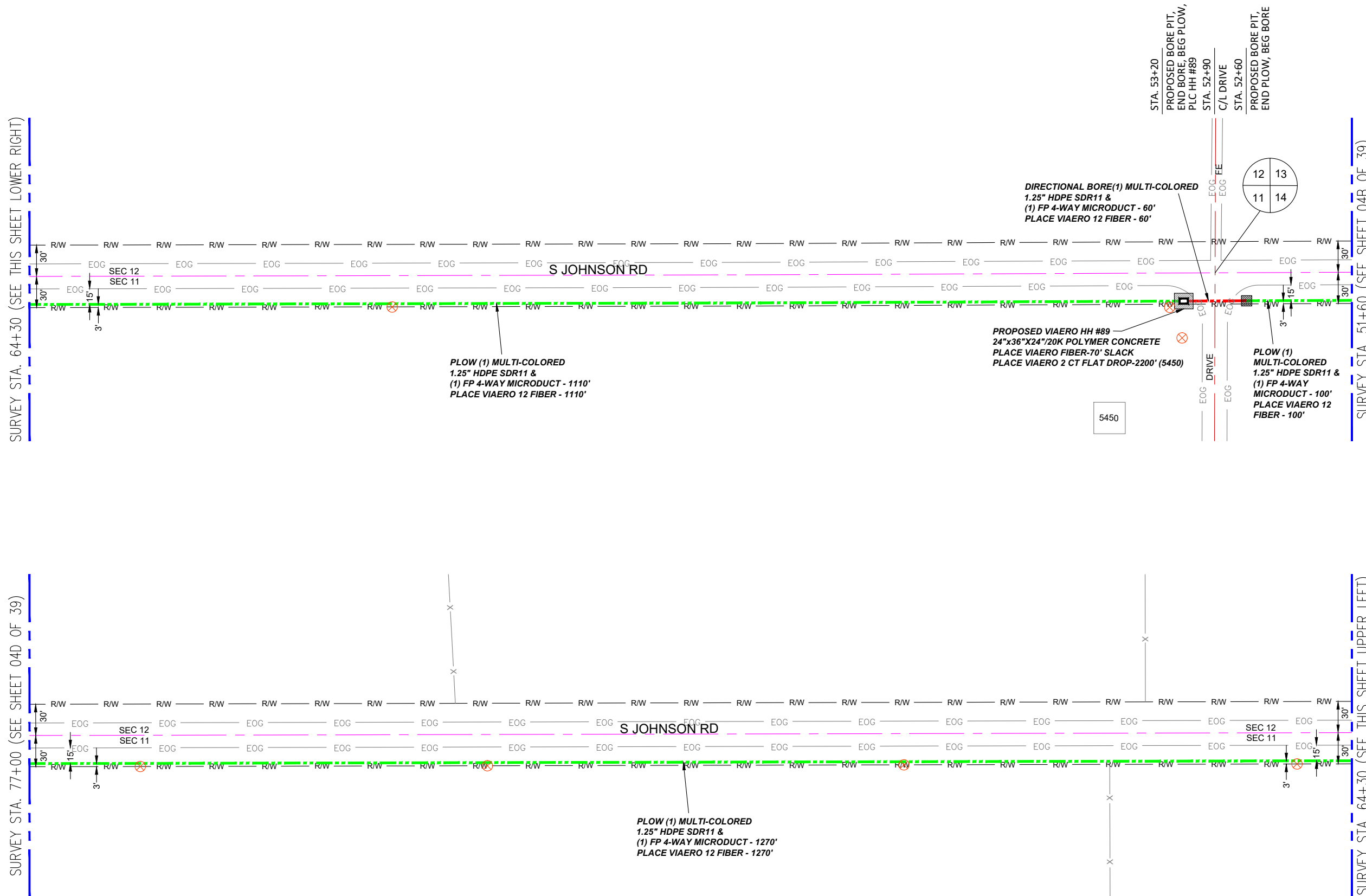
← DIRECTION OF ENGINEERING

SURVEY STA. 64+30 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 77+00 (SEE SHEET 04D OF 39)

SURVEY STA. 51+60 (SEE SHEET 04B OF 39)

SURVEY STA. 64+30 (SEE THIS SHEET UPPER LEFT)

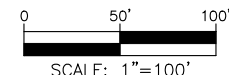


← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2610'	
FT	VIAERO 2 CT FLAT DROP	2200'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	0	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2480'	
FT	PLACE VIAERO 12 FIBER	2610'	
FT	PLACE VIAERO 2 CT FLAT DROP	2200'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	0	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



- LEGEND**
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

- LINETYPES**
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - RIGHT-OF-WAY
 - EDGE OF ASPHALT
 - EDGE OF GRAVEL
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING



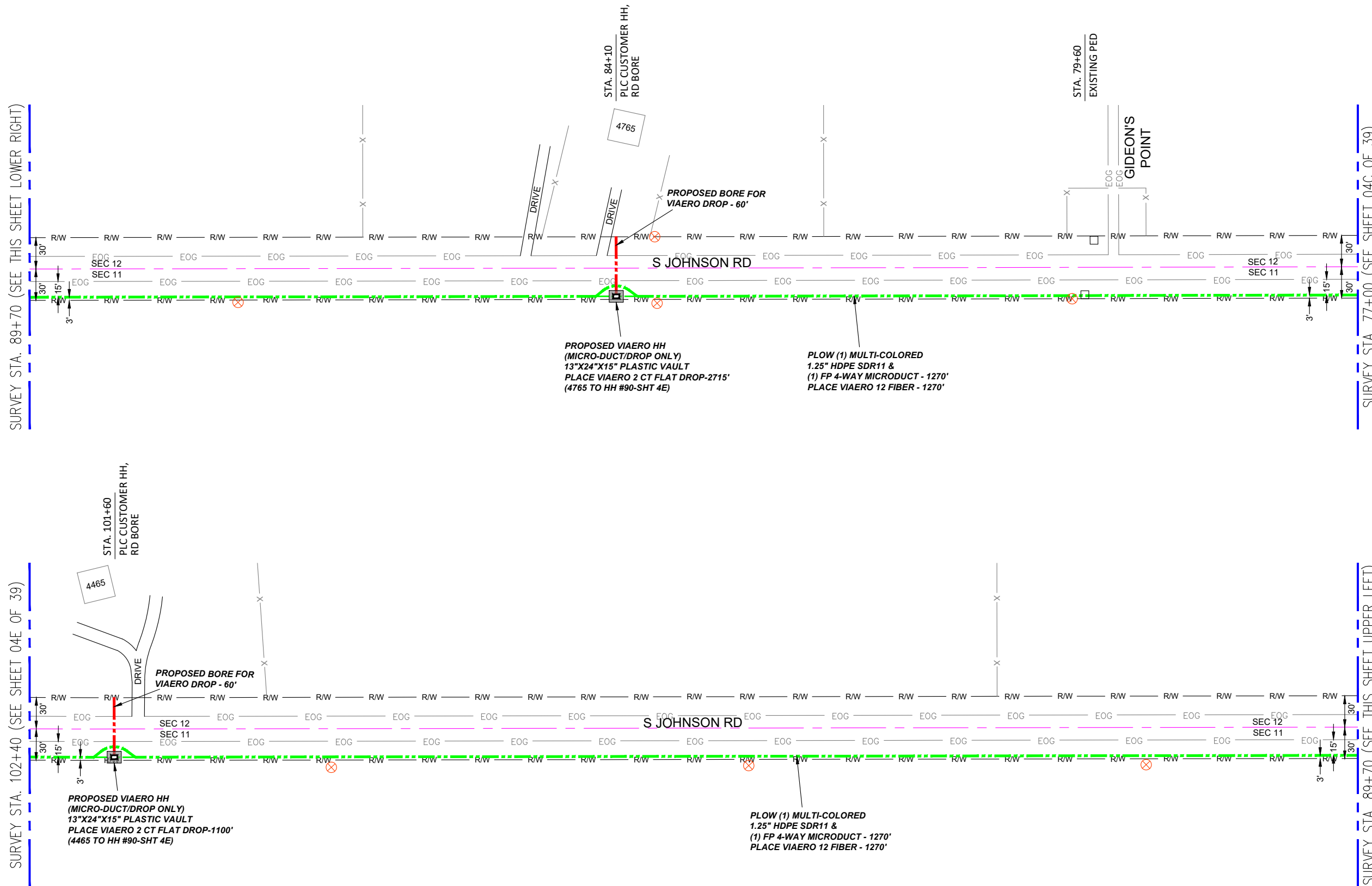
DATE CREATED:	9/21/2022
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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04C OF 39

SURVEY STA. 89+70 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 102+40 (SEE SHEET 04E OF 39)

SURVEY STA. 77+00 (SEE SHEET 04C OF 39)

SURVEY STA. 89+70 (SEE THIS SHEET UPPER LEFT)



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
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DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04D OF 39

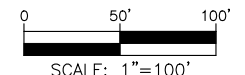
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	3815'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	2	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2540'	
FT	PLACE VIAERO 12 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	3815'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	2	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



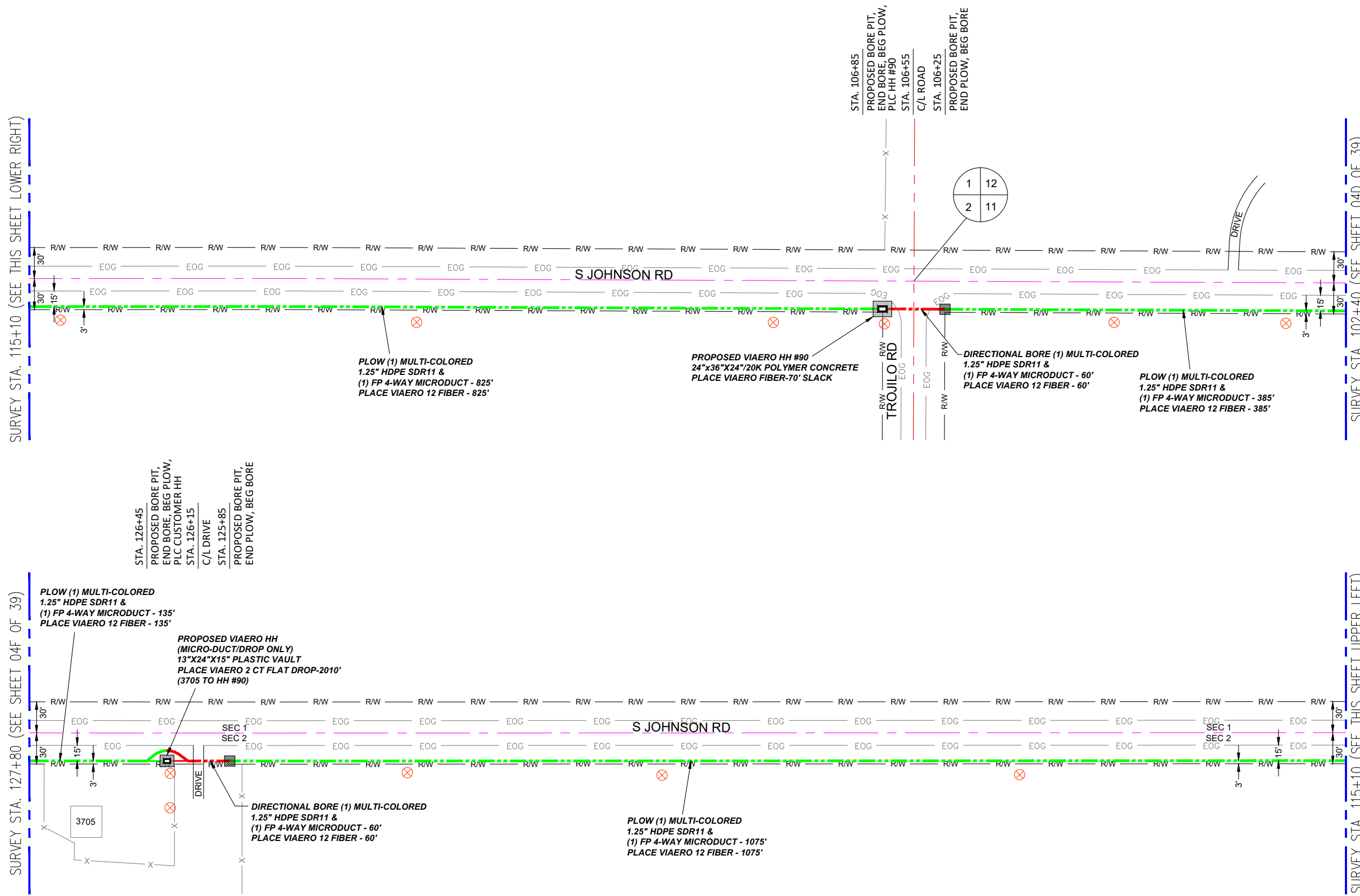
← DIRECTION OF ENGINEERING

SURVEY STA. 115+10 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 127+80 (SEE SHEET 04F OF 39)

SURVEY STA. 102+40 (SEE SHEET 04D OF 39)

SURVEY STA. 115+10 (SEE THIS SHEET UPPER LEFT)



STA. 126+45
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLC CUSTOMER HH
STA. 126+15
C/L DRIVE
STA. 125+85
PROPOSED BORE PIT,
END PLOW, BEG BORE

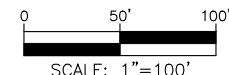
STA. 106+85
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLC HH #90
STA. 106+55
C/L ROAD
STA. 106+25
PROPOSED BORE PIT,
END PLOW, BEG BORE

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"x24"x15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-2010'
(3705 TO HH #90)

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2610'	
FT	VIAERO 2 CT FLAT DROP	2010'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	1	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2420'	
FT	PLACE VIAERO 12 FIBER	2610'	
FT	PLACE VIAERO 2 CT FLAT DROP	2010'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	1	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- X
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OHE
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- SD
- SEW
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



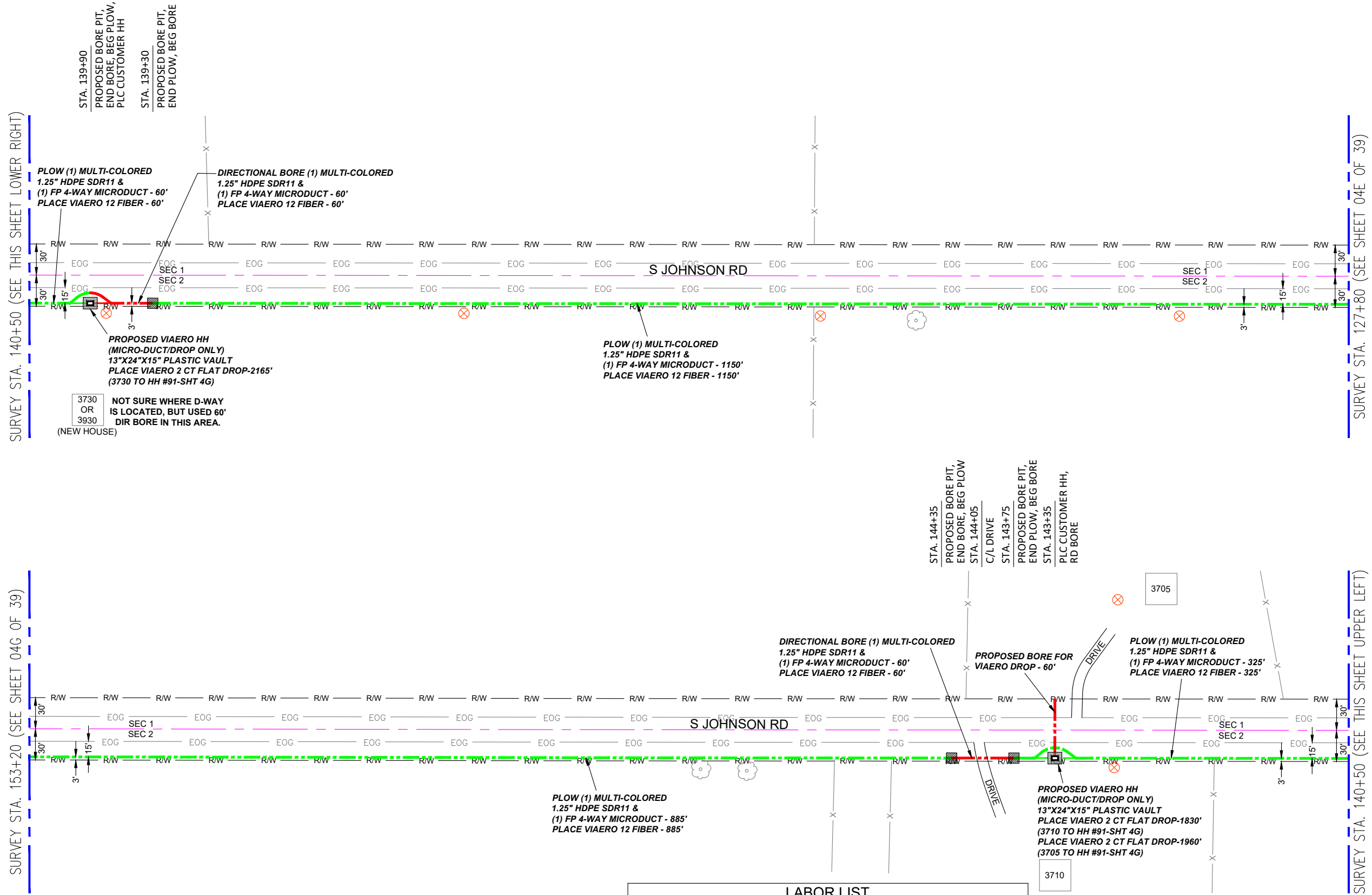
DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04E OF 39

SURVEY STA. 140+50 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 153+20 (SEE SHEET 04G OF 39)

SURVEY STA. 127+80 (SEE SHEET 04E OF 39)

SURVEY STA. 140+50 (SEE THIS SHEET UPPER LEFT)



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04F OF 39

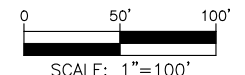
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	5955'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	2	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2420'	
FT	PLACE VIAERO 12 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	5955'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	2	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



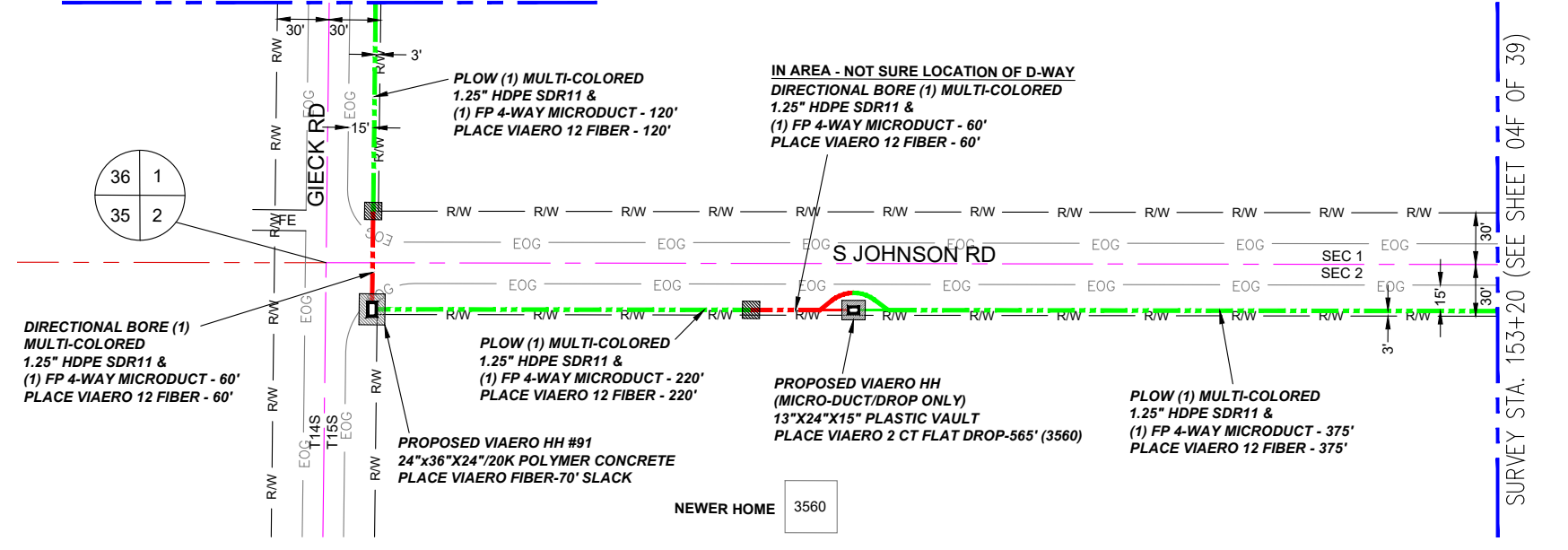
← DIRECTION OF ENGINEERING

SURVEY STA. 161+55 (SEE THIS SHEET LOWER RIGHT)

STA. 157+55
PROPOSED BORE PIT,
END BORE, BEG PLOW

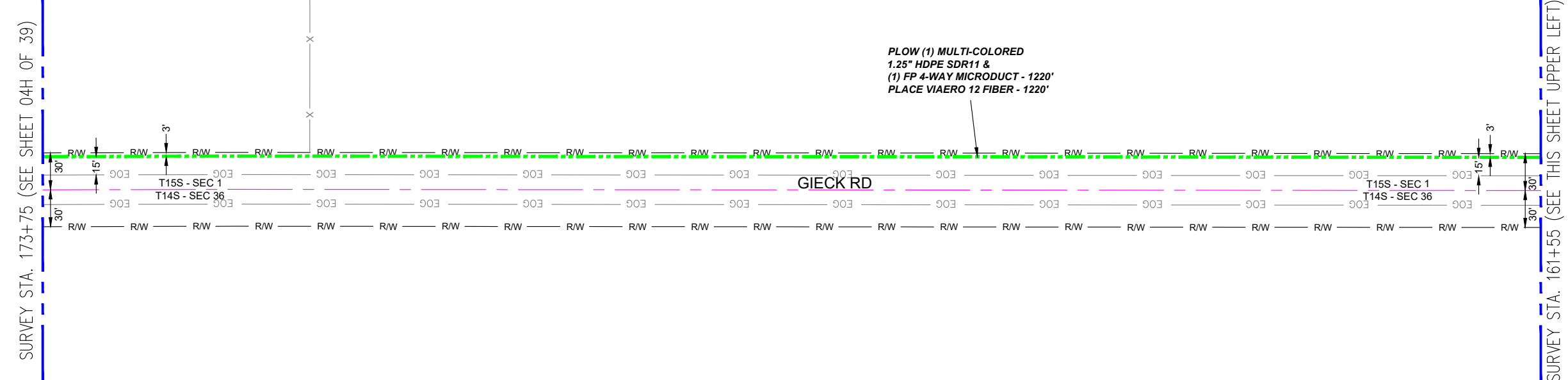
STA. 156+95
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLC CUSTOMER HH

STA. 160+35
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 160+05
C/L ROAD
STA. 159+75
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLC HH #91



- LEGEND**
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

- LINETYPES**
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - RIGHT-OF-WAY
 - EDGE OF ASPHALT
 - EDGE OF GRAVEL
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING



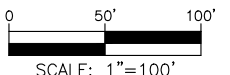
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2055'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2055'	
FT	VIAERO 12 FIBER	2125'	
FT	VIAERO 2 CT FLAT DROP	565'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	1	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	1935'	
FT	PLACE VIAERO 12 FIBER	2125'	
FT	PLACE VIAERO 2 CT FLAT DROP	565'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	1	

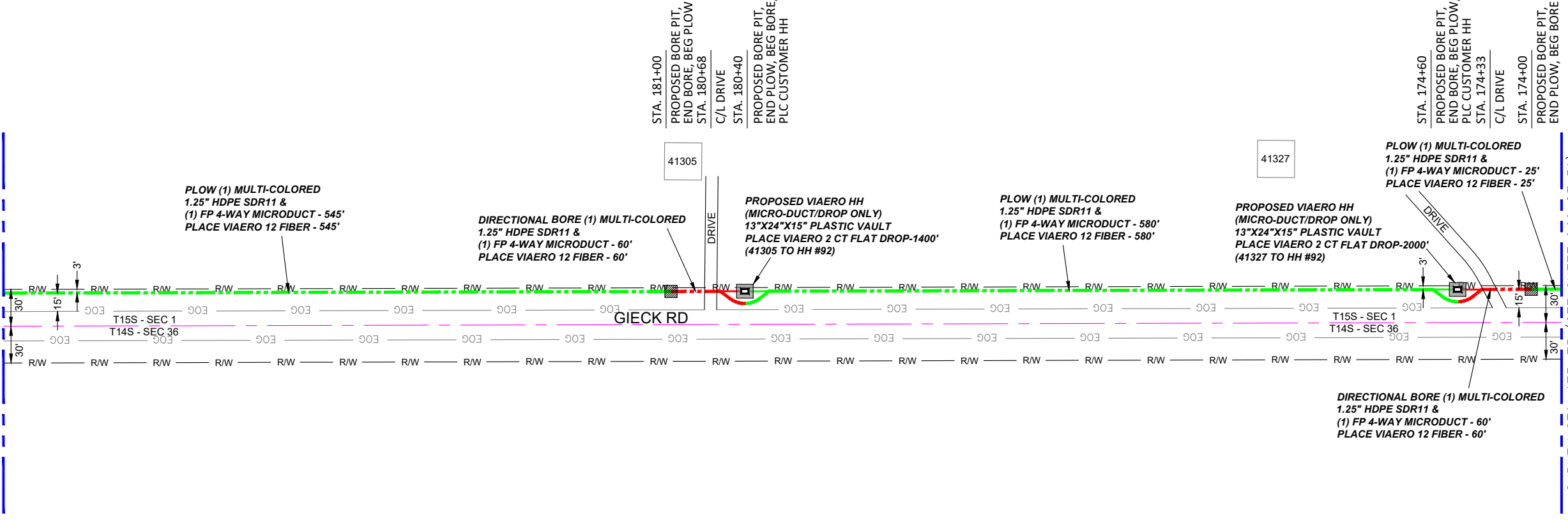
NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04G OF 39

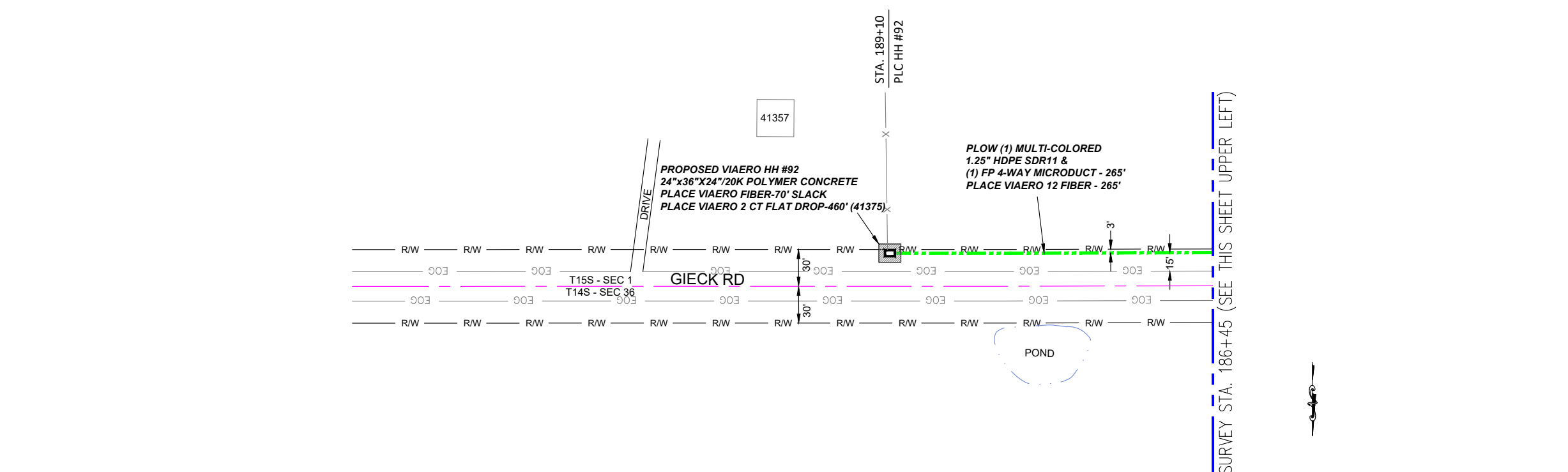
← DIRECTION OF ENGINEERING

SURVEY STA. 186+45 (SEE THIS SHEET LOWER RIGHT)



SURVEY STA. 173+75 (SEE SHEET 04G OF 39)

SURVEY STA. 186+45 (SEE THIS SHEET UPPER LEFT)



SURVEY STA. 186+45 (SEE THIS SHEET UPPER LEFT)

LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- X
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- G
- UNDERGROUND ELECTRIC-EXISTING
- OHE
- BURIED FIBER-EXISTING
- T
- SD
- SEW
- S
- W
- B



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SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04H OF 39

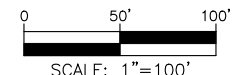
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	1535'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	1535'	
FT	VIAERO 12 FIBER	1605'	
FT	VIAERO 2 CT FLAT DROP	3860'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	2	

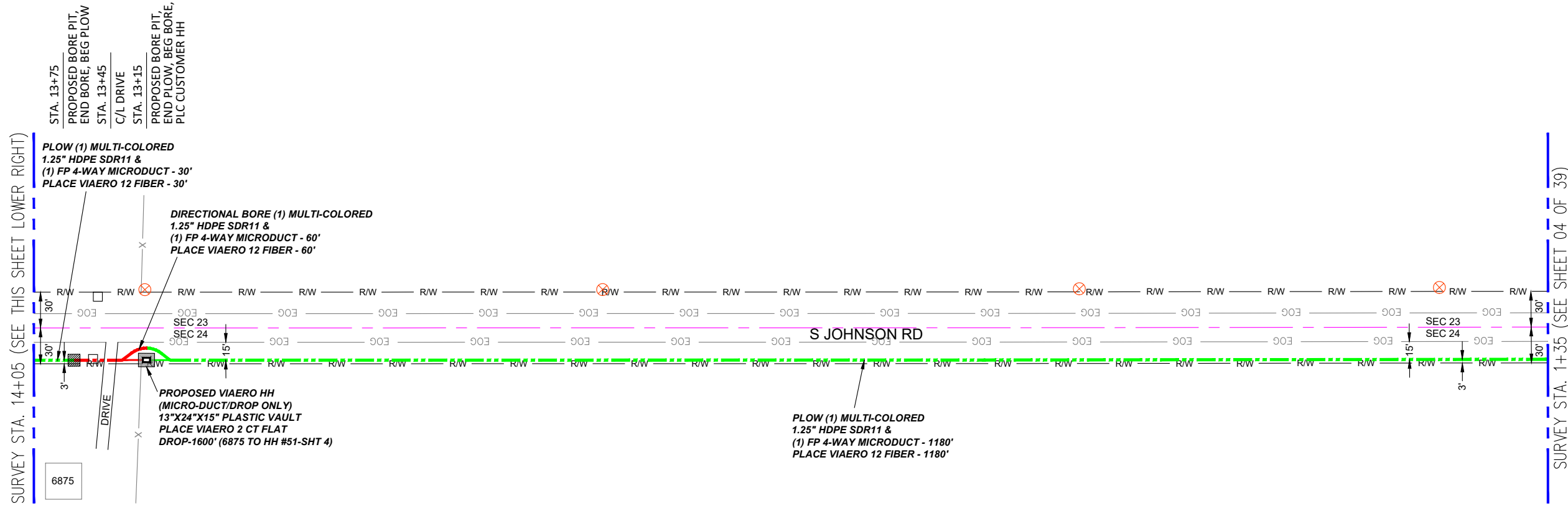
LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	1415'	
FT	PLACE VIAERO 12 FIBER	1605'	
FT	PLACE VIAERO 2 CT FLAT DROP	3860'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	2	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



← DIRECTION OF ENGINEERING



- ### LEGEND
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER
- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - R/W
 - EOP
 - EOG
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING



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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	041 OF 39

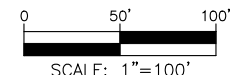
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	4350'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	2	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2420'	
FT	PLACE VIAERO 12 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	4350'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	2	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



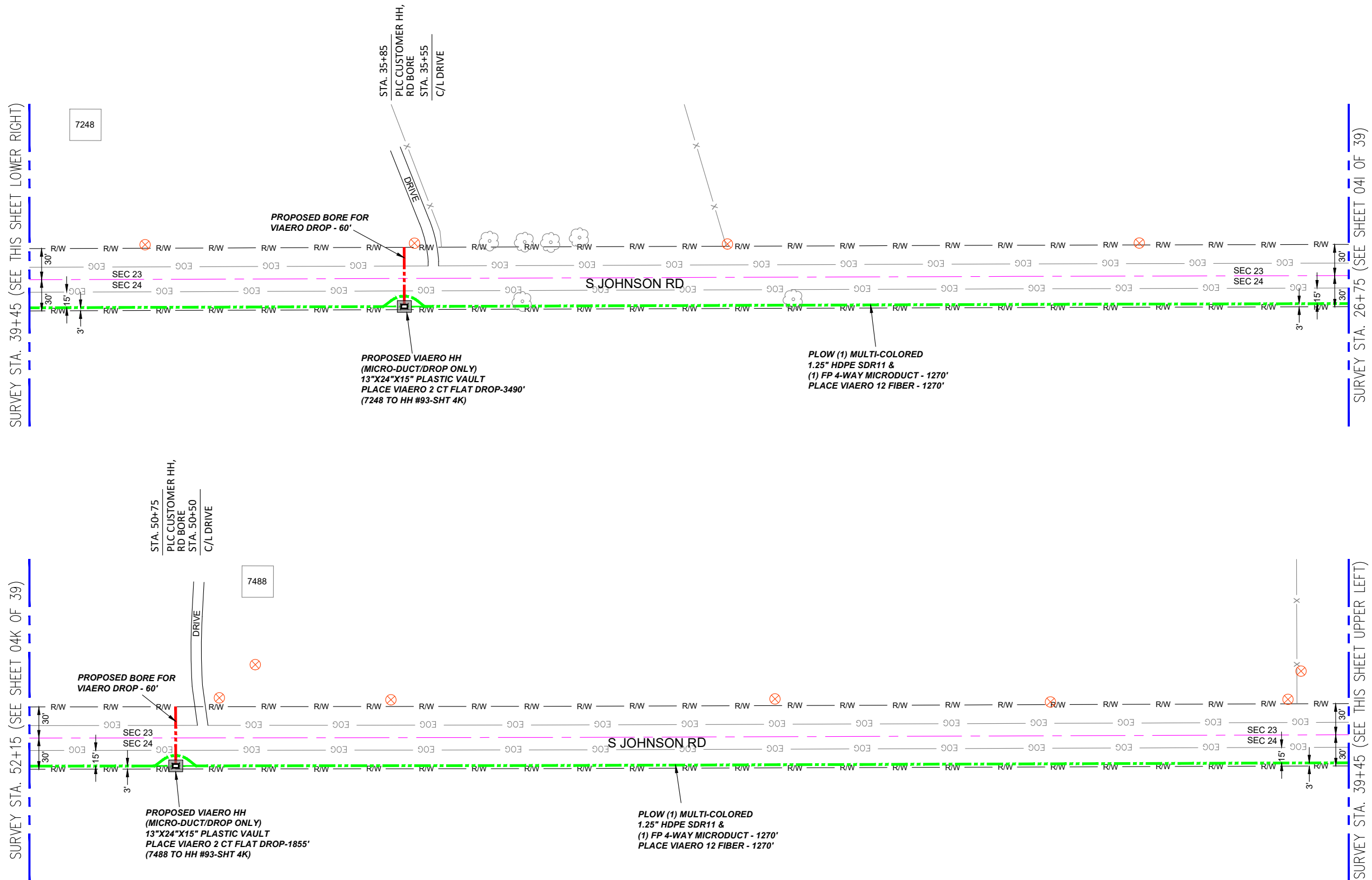
← DIRECTION OF ENGINEERING

SURVEY STA. 39+45 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 52+15 (SEE SHEET 04K OF 39)

SURVEY STA. 26+75 (SEE SHEET 04I OF 39)

SURVEY STA. 39+45 (SEE THIS SHEET UPPER LEFT)



- ### LEGEND
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - EXISTING ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - R/W
 - EOG
 - EDGE OF ASPHALT
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING



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SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04J OF 39

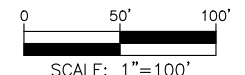
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	5345'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	2	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2540'	
FT	PLACE VIAERO 12 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	5345'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	2	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



← DIRECTION OF ENGINEERING

SURVEY STA. 64+85 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 77+55 (SEE SHEET 04L OF 39)

SURVEY STA. 52+15 (SEE SHEET 04J OF 39)

SURVEY STA. 64+85 (SEE THIS SHEET UPPER LEFT)

STA. 62+60
C/L DRIVE
STA. 62+45
PLC HH #93, RD BORE

7710

26 23
25 24

STA. 70+90
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 70+60
C/L DRIVE
STA. 70+30
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLC CUSTOMER HH

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2480'	
FT	PLACE VIAERO 12 FIBER	2610'	
FT	PLACE VIAERO 2 CT FLAT DROP	1660'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	1	

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 665'
PLACE VIAERO 12 FIBER - 665'

DIRECTIONAL BORE (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 60'
PLACE VIAERO 12 FIBER - 60'

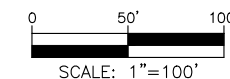
PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"x24"x15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-1140'
(7775 TO HH #93)

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 545'
PLACE VIAERO 12 FIBER - 545'

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2610'	
FT	VIAERO 2 CT FLAT DROP	1660'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	1	

← DIRECTION OF ENGINEERING

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

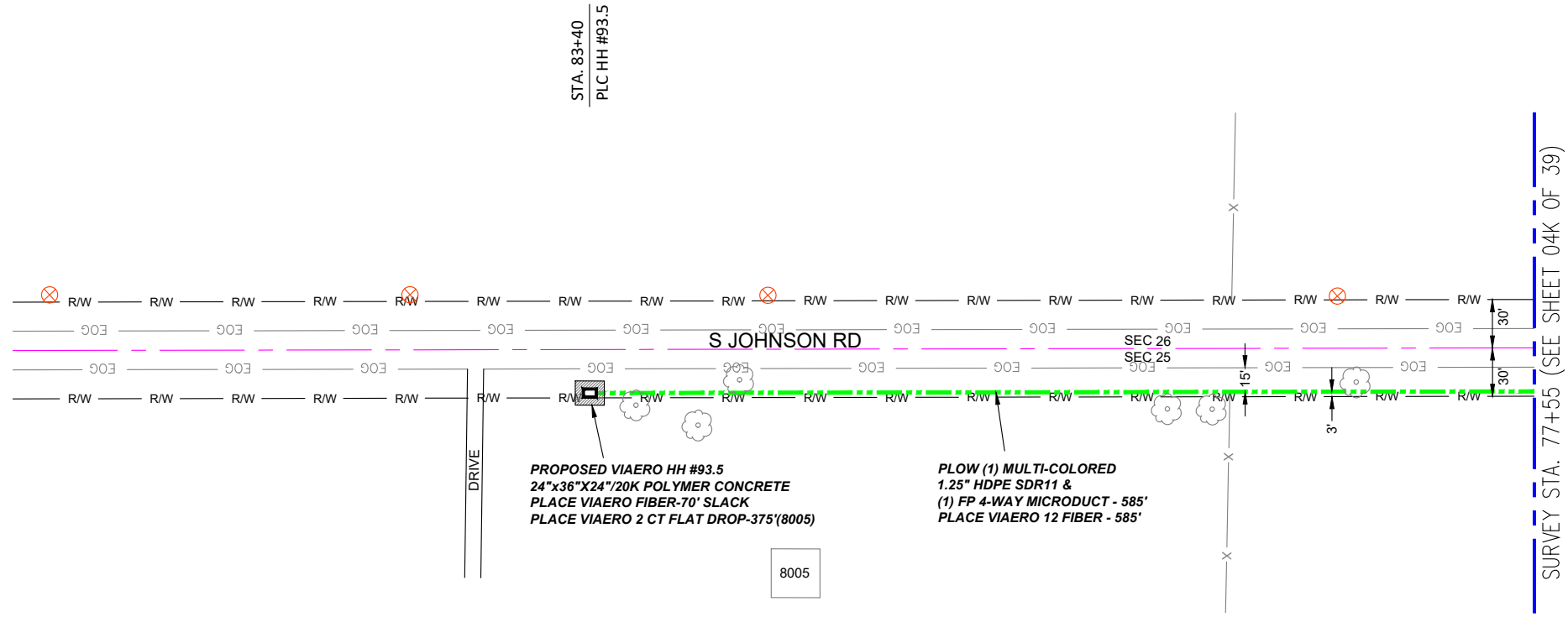
- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- X
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04K OF 39



- ### LEGEND
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - RIGHT-OF-WAY
 - EDGE OF ASPHALT
 - EDGE OF GRAVEL
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING



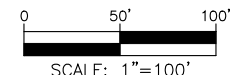
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DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	_____
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04L OF 39

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	585'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	585'	
FT	VIAERO 12 FIBER	655'	
FT	VIAERO 2 CT FLAT DROP	375'	
EA	VIAERO 24"X36"X24"/20K HH	1	
EA	VIAERO 13"X24"X15" HH	0	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	585'	
FT	PLACE VIAERO 12 FIBER	655'	
FT	PLACE VIAERO 2 CT FLAT DROP	375'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	1	
EA	PLACE VIAERO 13"X24"X15" HH	0	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



SURVEY STA. 839+30 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 852+00 (SEE SHEET 06 OF 39)

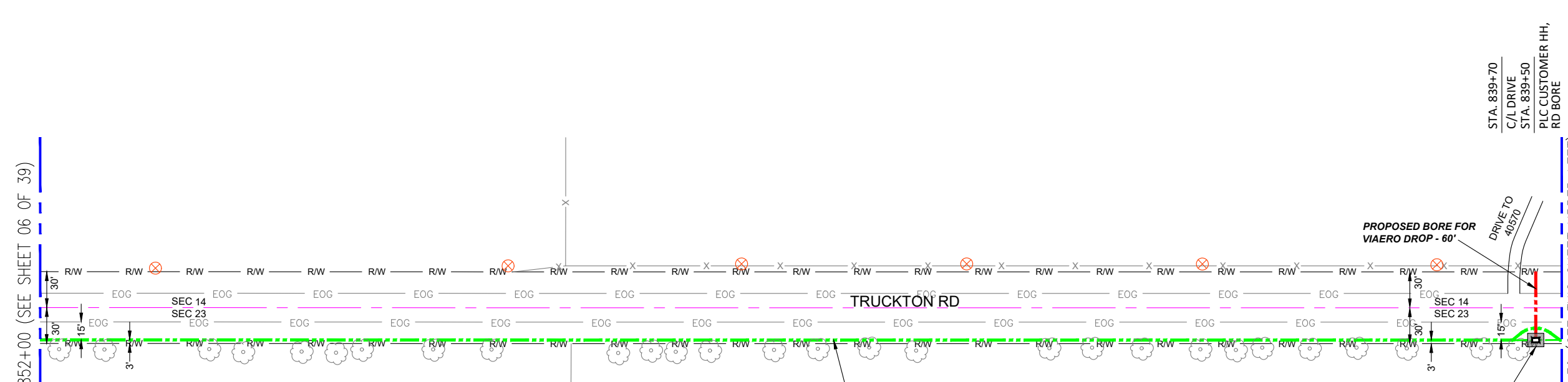
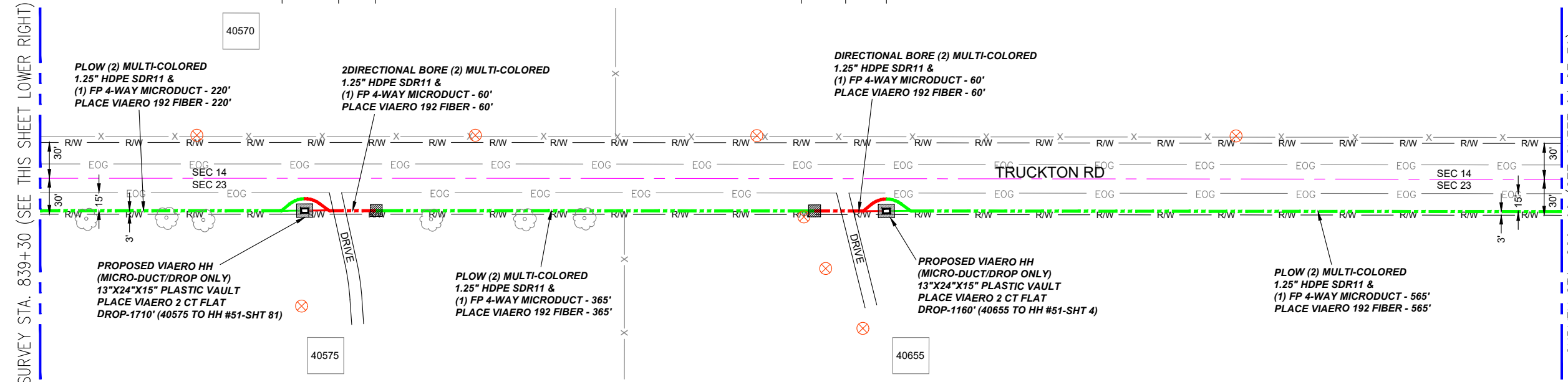
SURVEY STA. 826+60 (SEE SHEET 04 OF 39)

SURVEY STA. 839+30 (SEE THIS SHEET UPPER LEFT)

STA. 837+10
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLC CUSTOMER HH
STA. 836+80
C/L DRIVE
STA. 836+50
PROPOSED BORE PIT,
END PLOW, BEG BORE

STA. 832+85
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 832+57
C/L DRIVE
STA. 832+25
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLC CUSTOMER HH

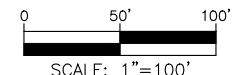
STA. 839+70
C/L DRIVE
STA. 839+50
PLC CUSTOMER HH,
RD BORE



MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 192 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	4740'	
EA	VIAERO 30"X48"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	3	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	DIR BORE (2) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2420'	
FT	PLACE VIAERO 192 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	4740'	
EA	PLACE VIAERO 30"X48"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	3	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



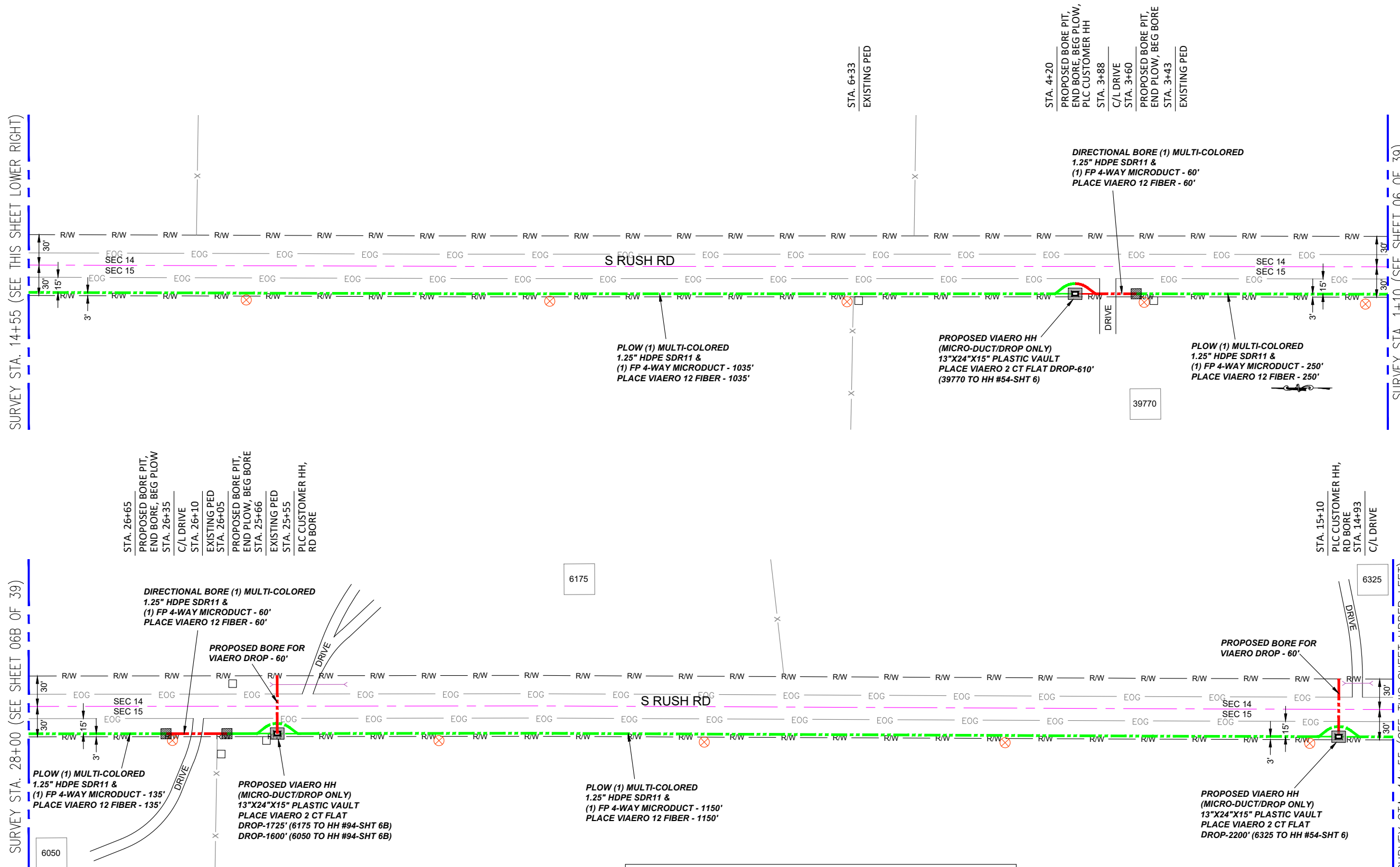
DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	05 OF 39

SURVEY STA. 14+55 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 28+00 (SEE SHEET 06B OF 39)

SURVEY STA. 1+10 (SEE SHEET 06 OF 39)

SURVEY STA. 14+55 (SEE THIS SHEET UPPER LEFT)



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- X
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- G-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OHE
- BURIED FIBER-EXISTING
- T-EXISTING
- SD
- SEW
- STREAM
- W
- BUILDING-EXISTING



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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	06A OF 39

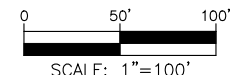
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2690'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2690'	
FT	VIAERO 12 FIBER	2690'	
FT	VIAERO 2 CT FLAT DROP	6135'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	3	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	120'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2570'	
FT	PLACE VIAERO 12 FIBER	2690'	
FT	PLACE VIAERO 2 CT FLAT DROP	6135'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	3	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



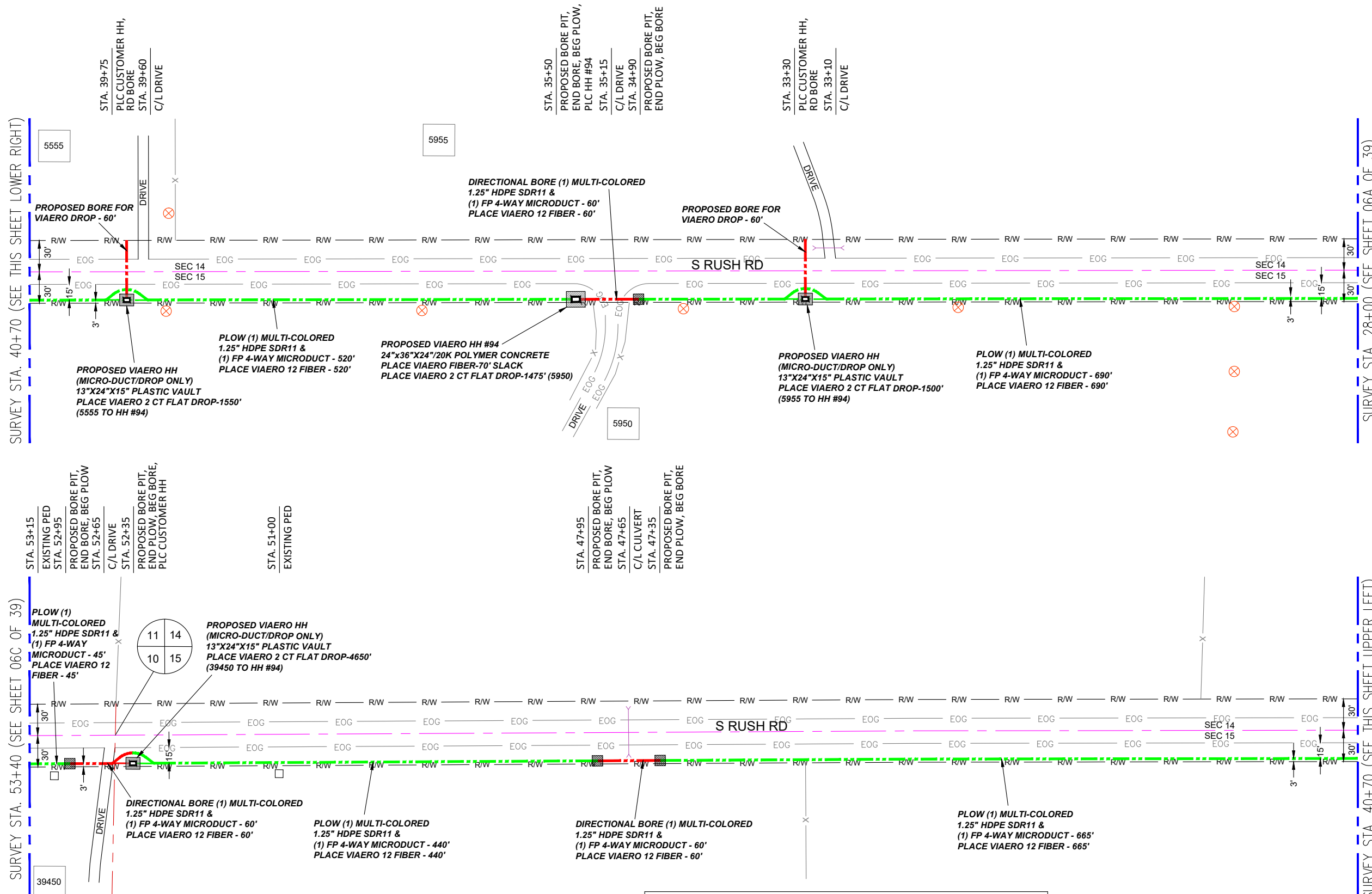
← DIRECTION OF ENGINEERING

SURVEY STA. 40+70 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 53+40 (SEE SHEET 06C OF 39)

SURVEY STA. 28+00 (SEE SHEET 06A OF 39)

SURVEY STA. 40+70 (SEE THIS SHEET UPPER LEFT)



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	06B OF 39

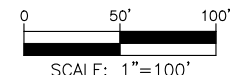
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2610'	
FT	VIAERO 2 CT FLAT DROP	9175'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	3	

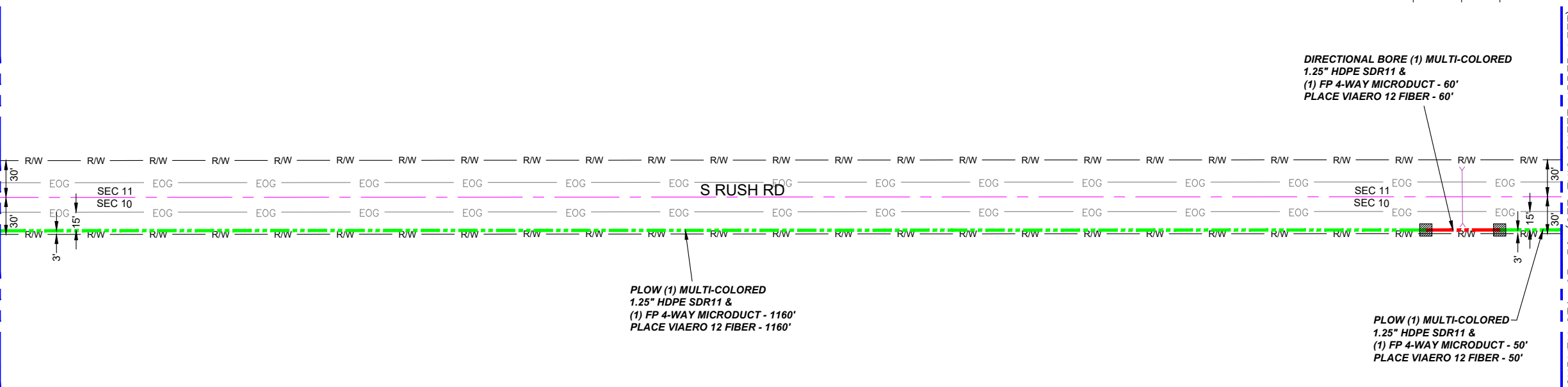
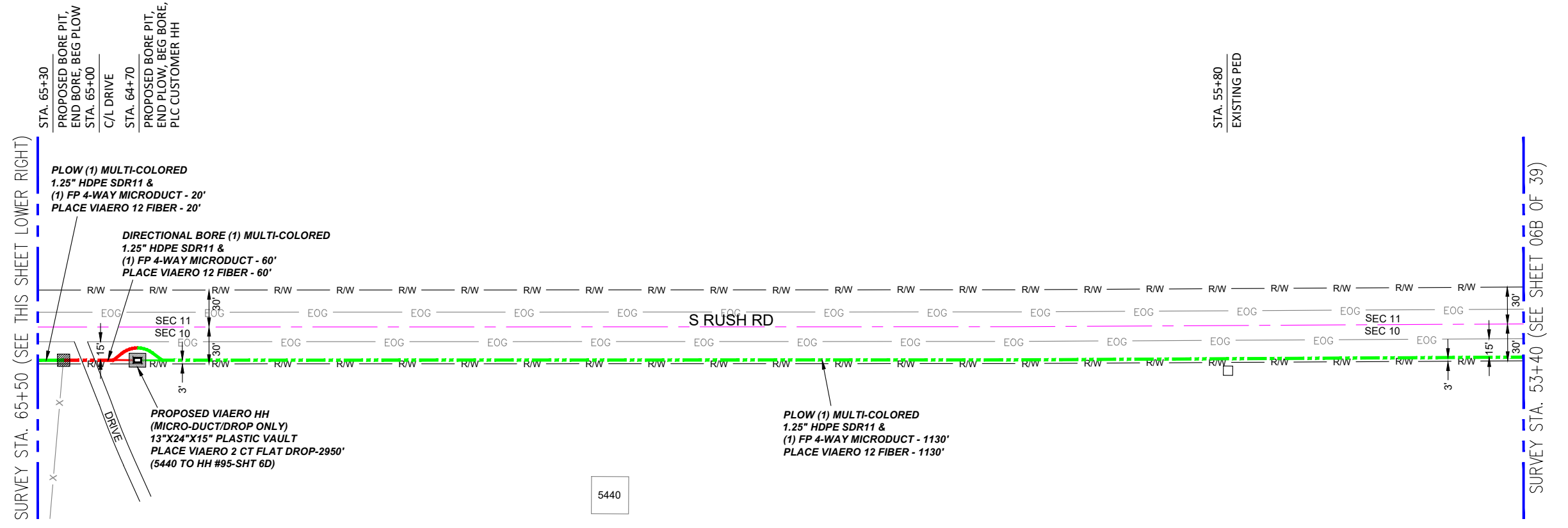
LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	120'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	180'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2360'	
FT	PLACE VIAERO 12 FIBER	2610'	
FT	PLACE VIAERO 2 CT FLAT DROP	9175'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	3	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



← DIRECTION OF ENGINEERING



- ### LEGEND
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - RIGHT-OF-WAY
 - EDGE OF ASPHALT
 - EDGE OF GRAVEL
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING



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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	06C OF 39

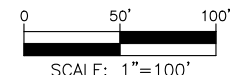
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2480'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2480'	
FT	VIAERO 12 FIBER	2480'	
FT	VIAERO 2 CT FLAT DROP	2950'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	1	

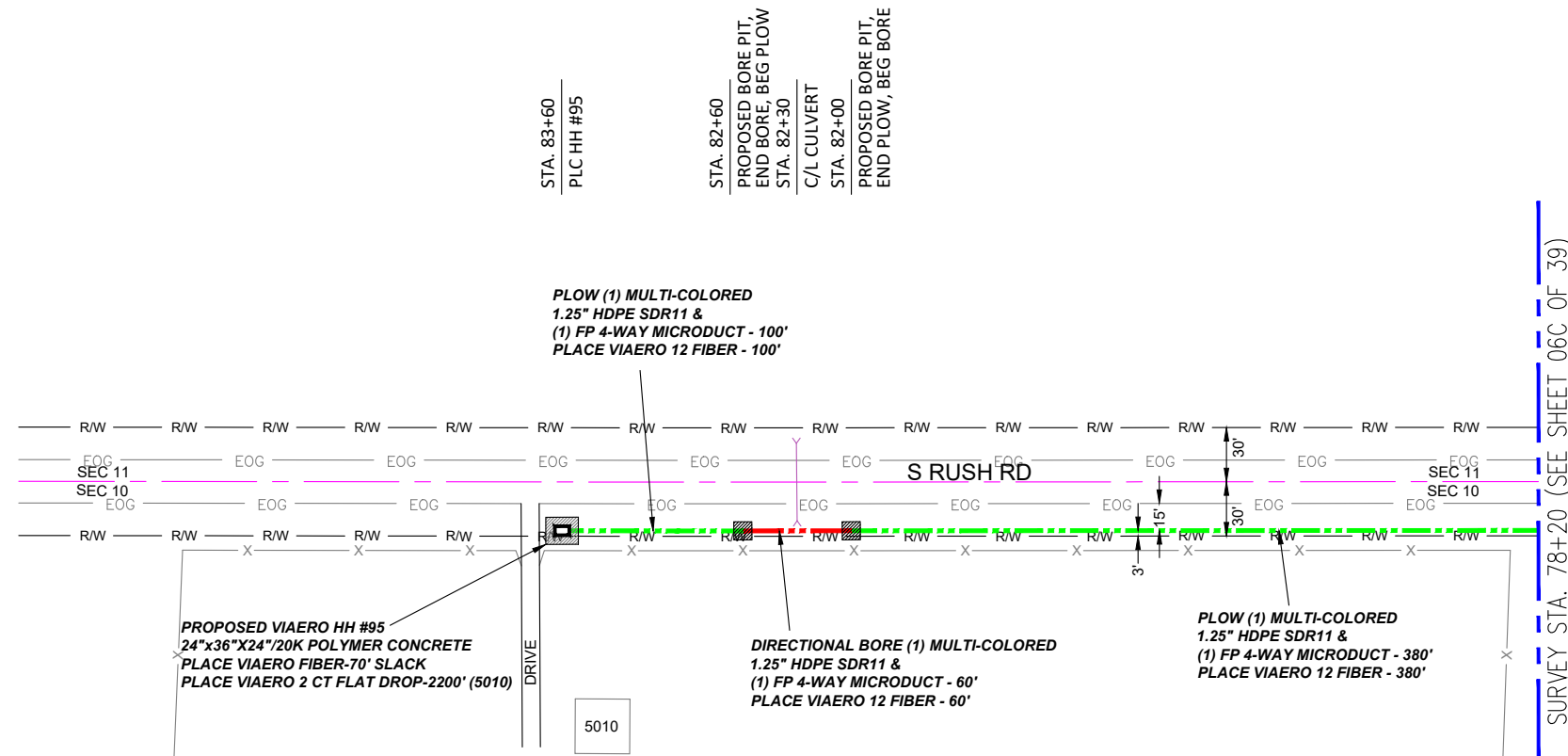
LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2360'	
FT	PLACE VIAERO 12 FIBER	2480'	
FT	PLACE VIAERO 2 CT FLAT DROP	2950'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	1	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



← DIRECTION OF ENGINEERING



- ### LEGEND
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

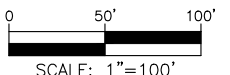
- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - RIGHT-OF-WAY
 - EDGE OF ASPHALT
 - EDGE OF GRAVEL
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	540'	
FT	VIAERO 12 FIBER	610'	
FT	VIAERO 2 CT FLAT DROP	2200'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	0	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	480'	
FT	PLACE VIAERO 12 FIBER	610'	
FT	PLACE VIAERO 2 CT FLAT DROP	2200'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	0	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



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DATE REVISED:	11/8/2022
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DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	06D OF 39

SURVEY STA. 14+15 (SEE THIS SHEET LOWER RIGHT)

STA. 12+94
FIELD ENTRANCE

STA. 12+37
EXISTING PED

STA. 11+45
PROPOSED BORE PIT,
END BORE, BEG PLOW

STA. 11+17
C/L DRIVE

STA. 10+85
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLC CUSTOMER HH

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 270'
PLACE VIAERO 12 FIBER - 270'

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 940'
PLACE VIAERO 12 FIBER - 940'

DIRECTIONAL BORE (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 60'
PLACE VIAERO 12 FIBER - 60'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-1500'
(6650 TO HH #53-SHT 6)

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2435'	
FT	PLACE VIAERO 12 FIBER	2495'	
EA	PLACE VIAERO 2 CT FLAT DROP	4900'	
EA	PLACE VIAERO 24"X36"X24" / 20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	2	

STA. 18+90
PLC CUSTOMER HH,
RD BORE

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1225'
PLACE VIAERO 12 FIBER - 1225'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-3400'
(7015 TO HH #53-SHT 6)

PROPOSED BORE FOR
VIAERO DROP - 60'

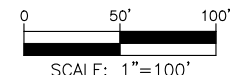
SURVEY STA. 26+40 (SEE SHEET 06F OF 39)

SURVEY STA. 14+15 (SEE THIS SHEET UPPER LEFT)

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2495'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2495'	
FT	VIAERO 12 FIBER	2495'	
FT	VIAERO 2 CT FLAT DROP	4900'	
EA	VIAERO 24"X36"X24" / 20K HH	0	
EA	VIAERO 13"X24"X15" HH	2	

← DIRECTION OF ENGINEERING

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



DATE CREATED: 9/21/2022

DATE REVISED: 11/8/2022

DATE PLOTTED: 11/8/2022

DRAWN BY: FEC

CHECKED BY: FEC

APPROVED BY: _____

COMPANY: VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:

RUSH TOWER DISTRIBUTION

EL PASO COUNTY, CO

T155 60W

FILE NAME: EL PASO COUNTY

01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS

PROJECT SHEET

MAP: 06E OF 39

SURVEY STA. 39+10 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 51+80 (SEE SHEET 06G OF 39)

SURVEY STA. 26+40 (SEE SHEET 06E OF 39)

SURVEY STA. 39+10 (SEE THIS SHEET UPPER LEFT)

STA. 36+55
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLC CUSTOMER HH
STA. 36+25
C/L DRIVE
STA. 35+93
C/L DRIVE
STA. 35+60
PROPOSED BORE PIT,
END PLOW, BEG BORE
STA. 35+58
EXISTING PED

STA. 32+17
EXISTING PED

STA. 26+95
C/L DRIVE
STA. 26+85
PLC CUSTOMER HH,
RD BORE

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 255'
PLACE VIAERO 12 FIBER - 255'

DIRECTIONAL BORE (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 95'
PLACE VIAERO 12 FIBER - 95'

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 920'
PLACE VIAERO 12 FIBER - 920'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-5200'
(7455 TO HH #96-SHT 6G)

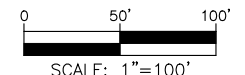
PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-2600'
(7390 TO HH #96-SHT 6G)

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 12 FIBER - 1270'

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	7800'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	2	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	95'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2445'	
FT	PLACE VIAERO 12 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	7800'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	2	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	06F OF 39

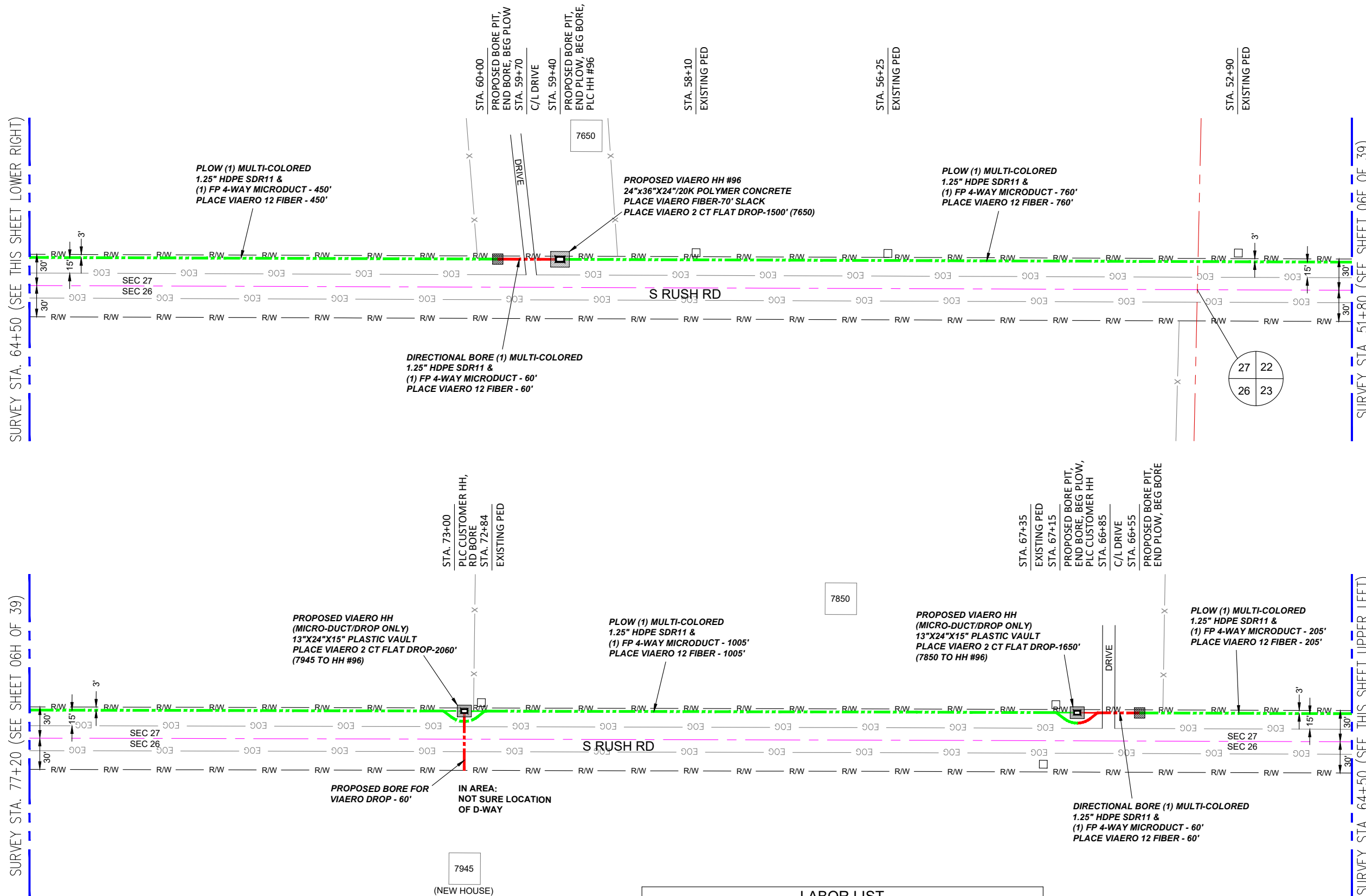
← DIRECTION OF ENGINEERING

SURVEY STA. 64+50 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 77+20 (SEE SHEET 06H OF 39)

SURVEY STA. 51+80 (SEE SHEET 06F OF 39)

SURVEY STA. 64+50 (SEE THIS SHEET UPPER LEFT)



DIRECTIONAL BORE (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 60'
PLACE VIAERO 12 FIBER - 60'

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 450'
PLACE VIAERO 12 FIBER - 450'

PROPOSED VIAERO HH #96
24"x36"x24"/20K POLYMER CONCRETE
PLACE VIAERO FIBER-70' SLACK
PLACE VIAERO 2 CT FLAT DROP-1500' (7650)

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 760'
PLACE VIAERO 12 FIBER - 760'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"x24"x15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-2060'
(7945 TO HH #96)

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1005'
PLACE VIAERO 12 FIBER - 1005'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"x24"x15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-1650'
(7850 TO HH #96)

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 205'
PLACE VIAERO 12 FIBER - 205'

PROPOSED BORE FOR
VIAERO DROP - 60'

IN AREA:
NOT SURE LOCATION
OF D-WAY

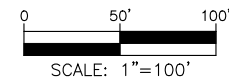
DIRECTIONAL BORE (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 60'
PLACE VIAERO 12 FIBER - 60'

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2610'	
FT	VIAERO 2 CT FLAT DROP	5210'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	2	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2420'	
FT	PLACE VIAERO 12 FIBER	2610'	
FT	PLACE VIAERO 2 CT FLAT DROP	5210'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	2	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

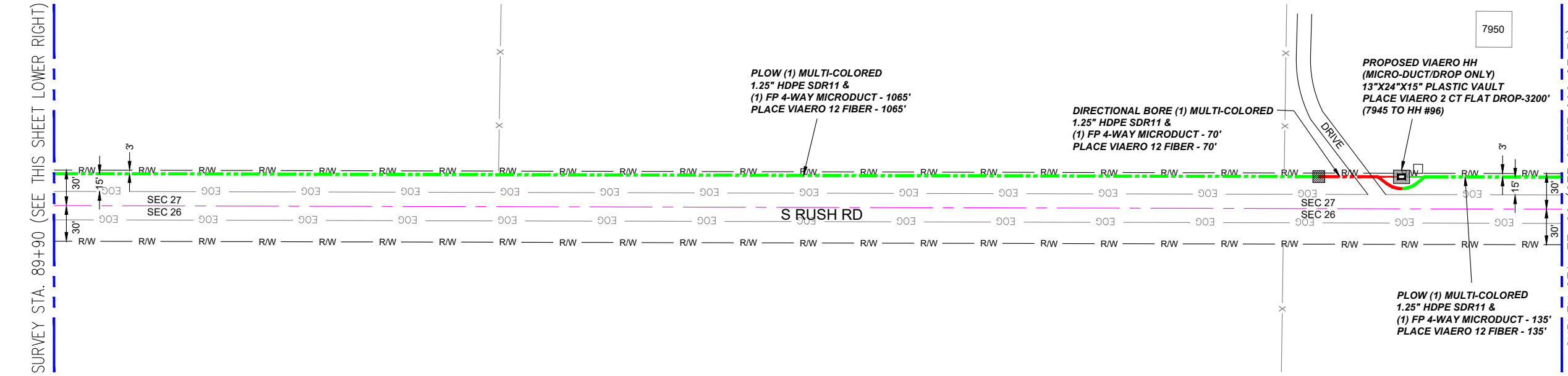
LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



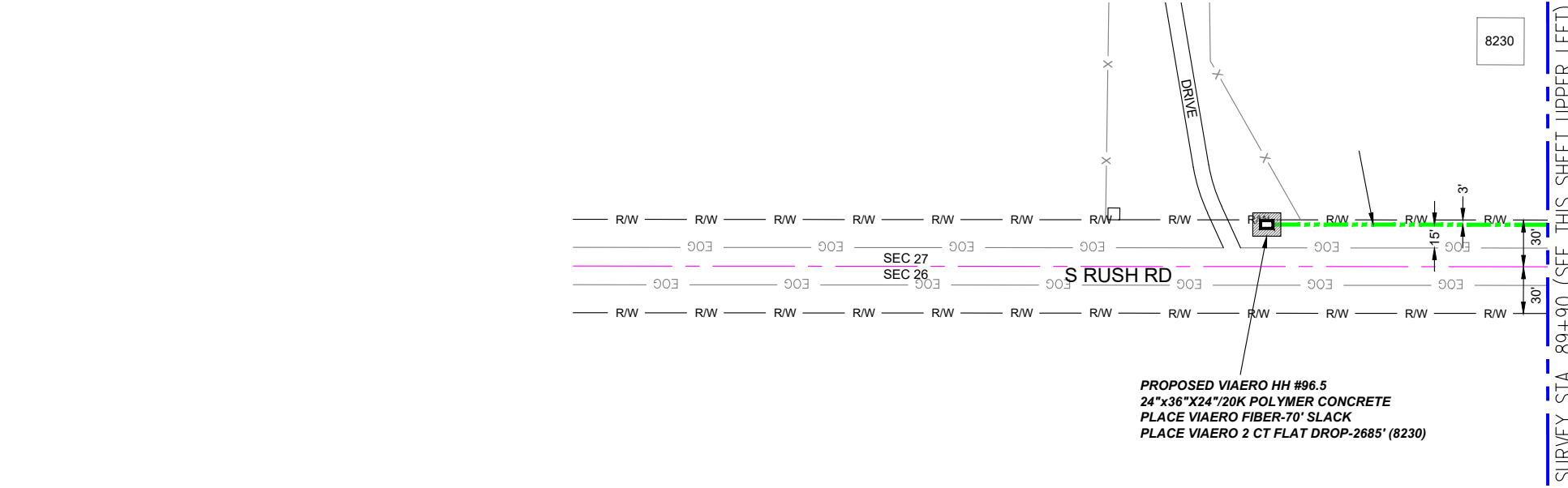
DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	06G OF 39

SURVEY STA. 89+90 (SEE THIS SHEET LOWER RIGHT)



- ### LEGEND
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - R/W
 - EDGE OF ASPHALT
 - EDGE OF GRAVEL
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING

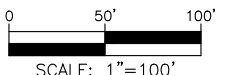


SURVEY STA. 89+90 (SEE THIS SHEET UPPER LEFT)

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	1450'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	1450'	
FT	VIAERO 12 FIBER	1520'	
FT	VIAERO 2 CT FLAT DROP	5885'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	1	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	70'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	1380'	
FT	PLACE VIAERO 12 FIBER	1520'	
FT	PLACE VIAERO 2 CT FLAT DROP	5885'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	1	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



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DRAWN BY:	FEC
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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	06H OF 39

← DIRECTION OF ENGINEERING

SURVEY STA. 889+35 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 876+65 (SEE SHEET 06 OF 39)

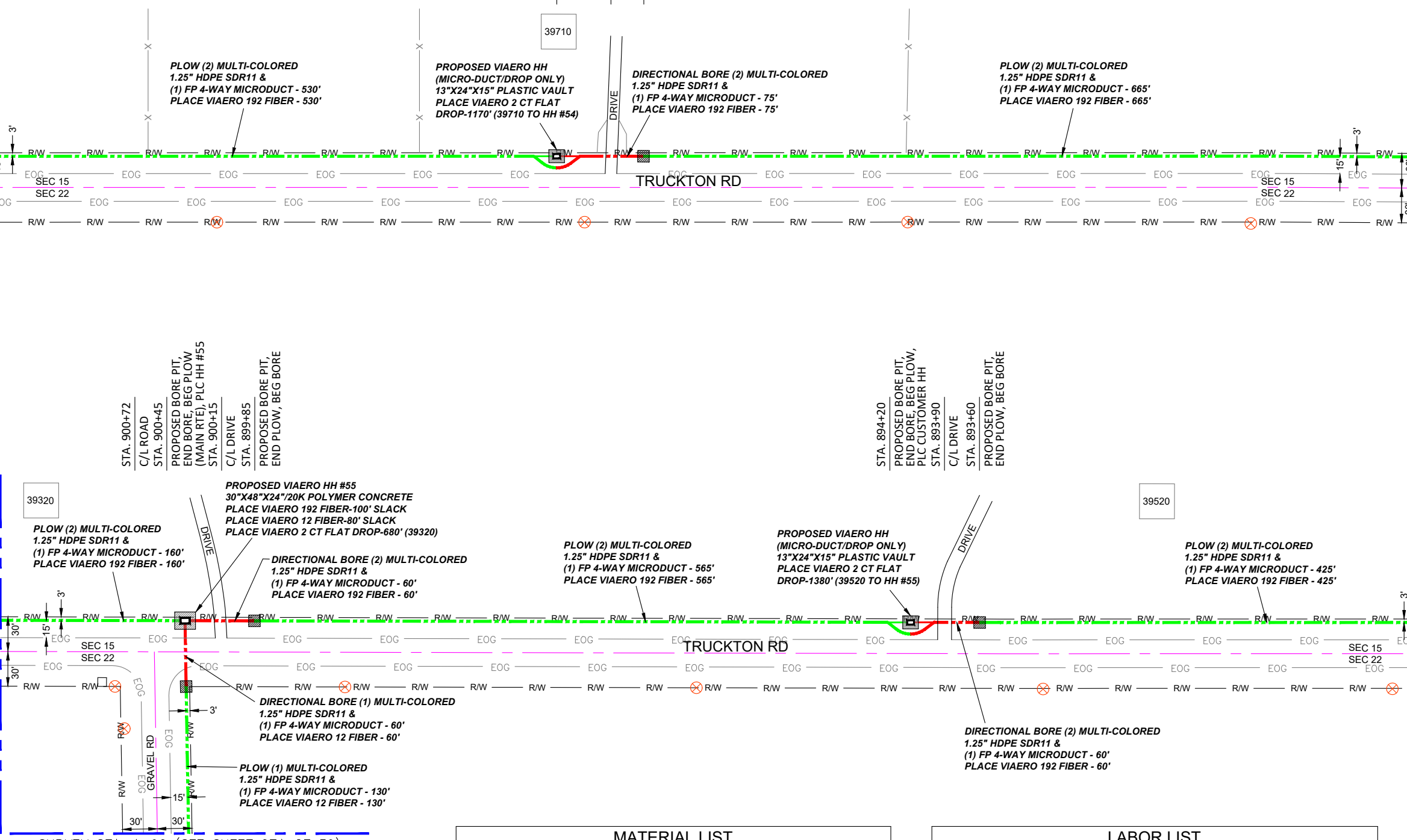
STA. 0+00
PROPOSED BORE PIT,
BEG BORE, HH #55

STA. 0+60
PROPOSED BORE PIT,
END BORE, BEG PLOW

SURVEY STA. 902+05 (SEE SHEET 08 OF 39)

SURVEY STA. 1+90 (SEE SHEET 07A OF 39)

SURVEY STA. 889+35 (SEE THIS SHEET UPPER LEFT)



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	190'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2730'	
FT	VIAERO 192 FIBER	2640'	
FT	VIAERO 12 FIBER	270'	
FT	VIAERO 2 CT FLAT DROP	3230'	
EA	VIAERO 30"X48"X24"/20K HH	1	
EA	VIAERO 13"X24"X15" HH	2	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (2) MULTI-COLORED 1.25" & (1) FP	195'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2345'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	130'	
FT	PLACE VIAERO 192 FIBER	2640'	
FT	PLACE VIAERO 12 FIBER	270'	
FT	PLACE VIAERO 2 CT FLAT DROP	3230'	
EA	PLACE VIAERO 30"X48"X24"/20K HH	1	
EA	PLACE VIAERO 13"X24"X15" HH	2	

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SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	07 OF 39

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.

SCALE: 1"=100'

← DIRECTION OF ENGINEERING

SURVEY STA. 14+60 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 27+30 (SEE SHEET 07B OF 39)

STA. 12+17
EXISTING PED

STA. 24+12
EXISTING PED

SURVEY STA. 1+90 (SEE SHEET 07 OF 39)

SURVEY STA. 14+60 (SEE THIS SHEET UPPER LEFT)

SEC 22

SEC 22

SEC 22

SEC 22

GRAVEL RD

GRAVEL RD

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 12 FIBER - 1270'

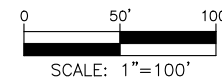
PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 12 FIBER - 1270'

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	0'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	0	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2540'	
FT	PLACE VIAERO 12 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	0'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	0	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



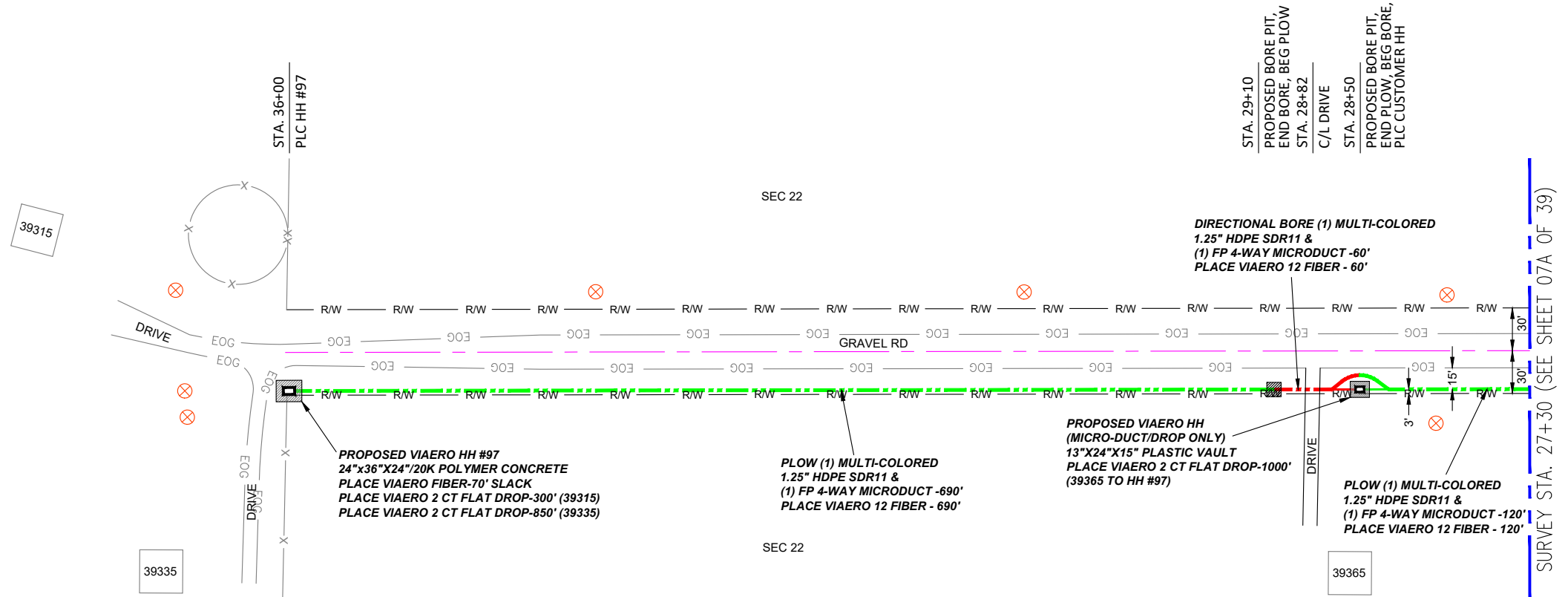
DATE CREATED: 9/21/2022
 DATE REVISED: 11/8/2022
 DATE PLOTTED: 11/8/2022
 DRAWN BY: FEC
 CHECKED BY: FEC
 APPROVED BY: _____
 COMPANY: VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:
 RUSH TOWER DISTRIBUTION
 EL PASO COUNTY, CO
 T15S 60W

FILE NAME: EL PASO COUNTY
 01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET

MAP: 07A OF 39



- ### LEGEND
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

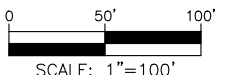
- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - R/W RIGHT-OF-WAY
 - EOP EDGE OF ASPHALT
 - EOG EDGE OF GRAVEL
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	870'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	870'	
FT	VIAERO 12 FIBER	940'	
FT	VIAERO 2 CT FLAT DROP	2150'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	1	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	810'	
FT	PLACE VIAERO 12 FIBER	940'	
FT	PLACE VIAERO 2 CT FLAT DROP	2150'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	1	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



DATE CREATED:	9/21/2022
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DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	_____
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	07B OF 39

SURVEY STA. 914+75 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 925+60 (SEE SHEET 09 OF 39)

SURVEY STA. 914+75 (SEE THIS SHEET UPPER LEFT)

SURVEY STA. 902+05 (SEE SHEET 07 OF 39)



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W RIGHT-OF-WAY
- EOP EDGE OF ASPHALT
- EOG EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	08 OF 39

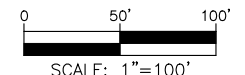
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2355'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2355'	
FT	VIAERO 192 FIBER	2355'	
FT	VIAERO 2 CT FLAT DROP	4015'	
EA	VIAERO 30"X48"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	2	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	DIR BORE (2) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2235'	
FT	PLACE VIAERO 192 FIBER	2355'	
FT	PLACE VIAERO 2 CT FLAT DROP	4015'	
EA	PLACE VIAERO 30"X48"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	2	

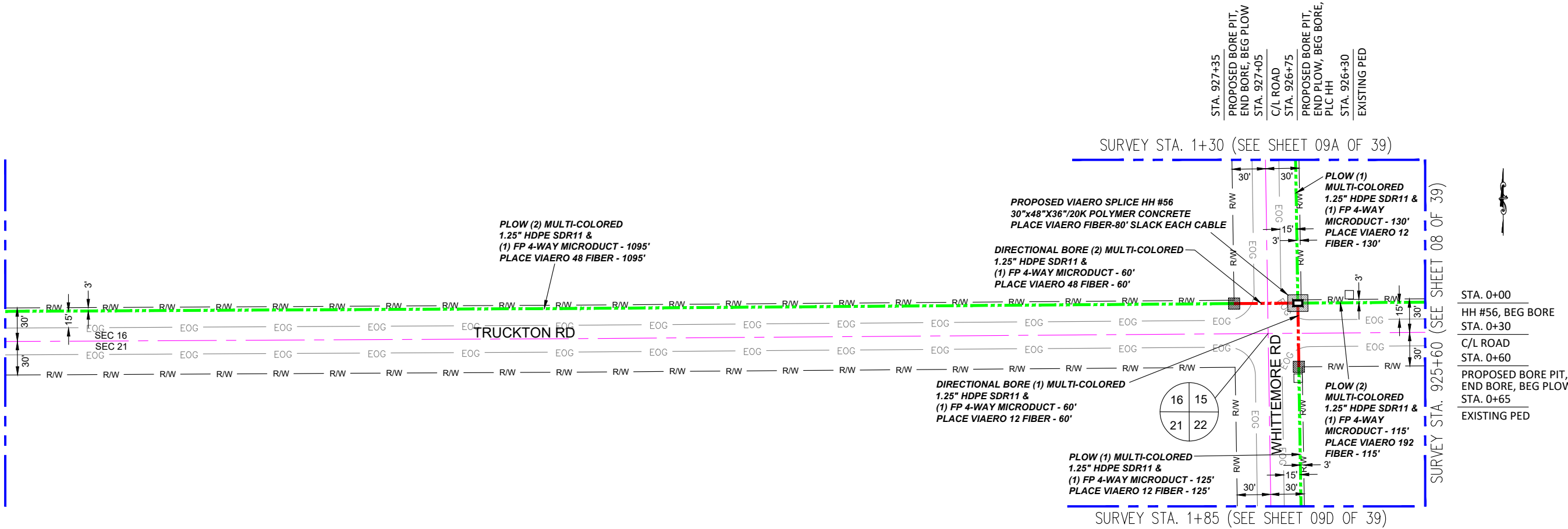
NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



← DIRECTION OF ENGINEERING

SURVEY STA. 938+30 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 951+00 (SEE SHEET 10 OF 39)

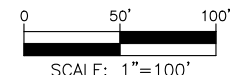


← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	315'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2855'	
FT	VIAERO 192 FIBER	195'	
FT	VIAERO 48 FIBER	2505'	
FT	VIAERO 12 FIBER	475'	
EA	VIAERO 30"x48"x36"/20K SP HH	1	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (2) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2480'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	255'	
FT	PLACE VIAERO 192 FIBER	195'	
FT	PLACE VIAERO 48 FIBER	2505'	
FT	PLACE VIAERO 12 FIBER	475'	
EA	PLACE VIAERO 30"x48"x36"/20K SP HH	1	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOG
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	09 OF 39

SURVEY STA. 14+00 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 26+70 (SEE SHEET 09B OF 39)

SURVEY STA. 1+30 (SEE SHEET 09 OF 39)

SURVEY STA. 14+00 (SEE THIS SHEET UPPER LEFT)

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 12 FIBER - 1270'

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1205'
PLACE VIAERO 12 FIBER - 1205'

DIRECTIONAL BORE (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 65'
PLACE VIAERO 12 FIBER - 65'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT
DROP-2100' (6115 TO HH #56-SHT 9)

WHITTEMORE RD

WHITTEMORE RD

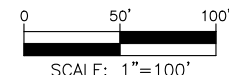
6115

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	2100'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	1	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	65'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2475'	
FT	PLACE VIAERO 12 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	2100'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	1	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



- ### LEGEND
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

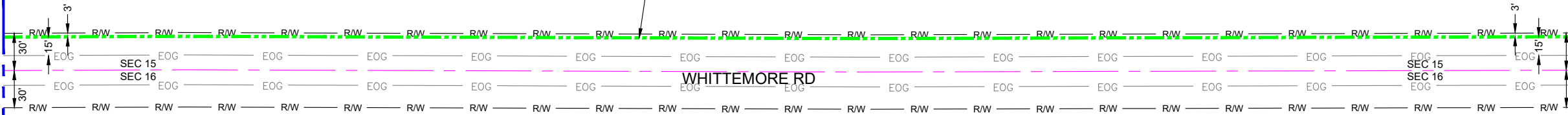
- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - RIGHT-OF-WAY
 - EDGE OF ASPHALT
 - EDGE OF GRAVEL
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING



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DRAWN BY:	FEC
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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	09A OF 39

SURVEY STA. 39+40 (SEE THIS SHEET LOWER RIGHT)

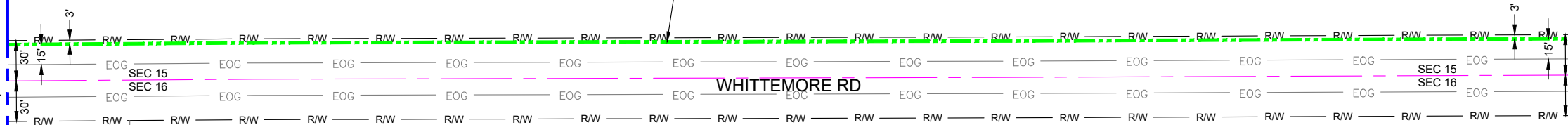
PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 12 FIBER - 1270'



SURVEY STA. 26+70 (SEE SHEET 09A OF 39)

SURVEY STA. 51+10 (SEE SHEET 09C OF 39)

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1170'
PLACE VIAERO 12 FIBER - 1170'



SURVEY STA. 39+40 (SEE THIS SHEET UPPER LEFT)

← DIRECTION OF ENGINEERING

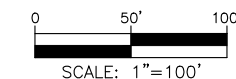
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2440'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2440'	
FT	VIAERO 12 FIBER	2440'	
FT	VIAERO 2 CT FLAT DROP	0'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	0	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2440'	
FT	PLACE VIAERO 12 FIBER	2440'	
FT	PLACE VIAERO 2 CT FLAT DROP	0'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	0	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

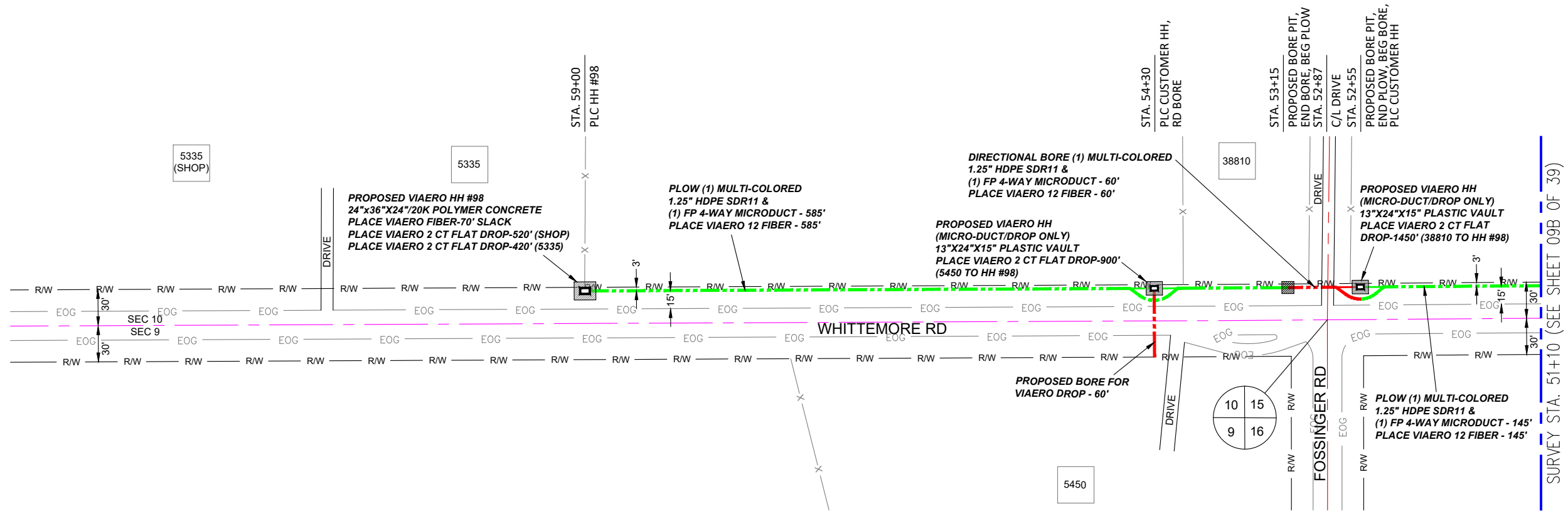
- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- X
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OHE
- BURIED FIBER-EXISTING
- T
- SD
- SEW
- STREAM
- W
- BUILDING-EXISTING



DATE CREATED:	9/21/2022
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DRAWN BY:	FEC
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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	09B OF 39



- ### LEGEND
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
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 - CULVERT
 - TREE
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 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
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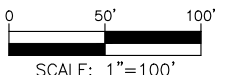
- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - R/W - RIGHT-OF-WAY
 - EOP - EDGE OF ASPHALT
 - EOG - EDGE OF GRAVEL
 - EOG - EDGE OF SIDEWALK
 - X - WIRE FENCE-EXISTING
 - X - WOOD FENCE-EXISTING
 - X - GUARD RAIL-EXISTING
 - X - RAILROAD-EXISTING
 - G - GAS-EXISTING
 - E - UNDERGROUND ELECTRIC-EXISTING
 - OHE - OVERHEAD ELECTRIC-EXISTING
 - B - BURIED FIBER-EXISTING
 - T - TELEPHONE-EXISTING
 - SD - STORM SEWER-EXISTING
 - SEW - SANITARY SEWER-EXISTING
 - S - STREAM
 - W - WATER-EXISTING
 - B - BUILDING-EXISTING

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	790'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	790'	
FT	VIAERO 12 FIBER	860'	
FT	VIAERO 2 CT FLAT DROP	3290'	
EA	VIAERO 24"X36"X24"/20K HH	1	
EA	VIAERO 13"X24"X15" HH	2	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	730'	
FT	PLACE VIAERO 12 FIBER	860'	
FT	PLACE VIAERO 2 CT FLAT DROP	3290'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	1	
EA	PLACE VIAERO 13"X24"X15" HH	2	

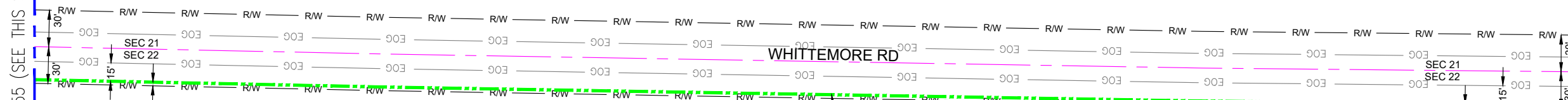
NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
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DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	_____
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	09C OF 39

SURVEY STA. 14+55 (SEE THIS SHEET LOWER RIGHT)

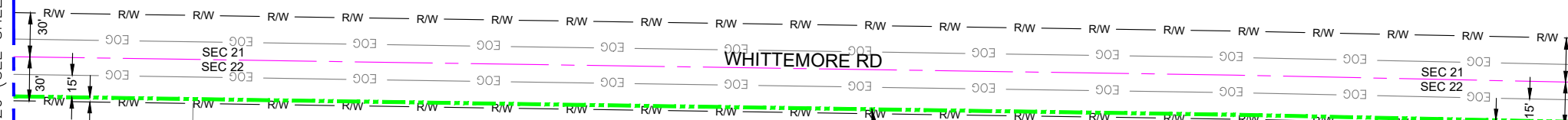
SURVEY STA. 1+85 (SEE SHEET 09 OF 39)



PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 12 FIBER - 1270'

SURVEY STA. 25+20 (SEE SHEET 09E OF 39)

SURVEY STA. 14+55 (SEE THIS SHEET UPPER LEFT)



PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1065'
PLACE VIAERO 12 FIBER - 1065'

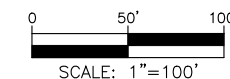
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2335'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2335'	
FT	VIAERO 12 FIBER	2335'	
FT	VIAERO 2 CT FLAT DROP	0'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	0	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2335'	
FT	PLACE VIAERO 12 FIBER	2335'	
FT	PLACE VIAERO 2 CT FLAT DROP	0'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	0	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



DATE CREATED: 9/21/2022

DATE REVISED: 11/8/2022

DATE PLOTTED: 11/8/2022

DRAWN BY: FEC

CHECKED BY: FEC

APPROVED BY: _____

COMPANY:
VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:
RUSH TOWER DISTRIBUTION
EL PASO COUNTY, CO
T155 60W

FILE NAME:
EL PASO COUNTY
01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS
PROJECT SHEET

MAP: 09D OF 39

← DIRECTION OF ENGINEERING

SURVEY STA. 37+90 (SEE THIS SHEET LOWER RIGHT)

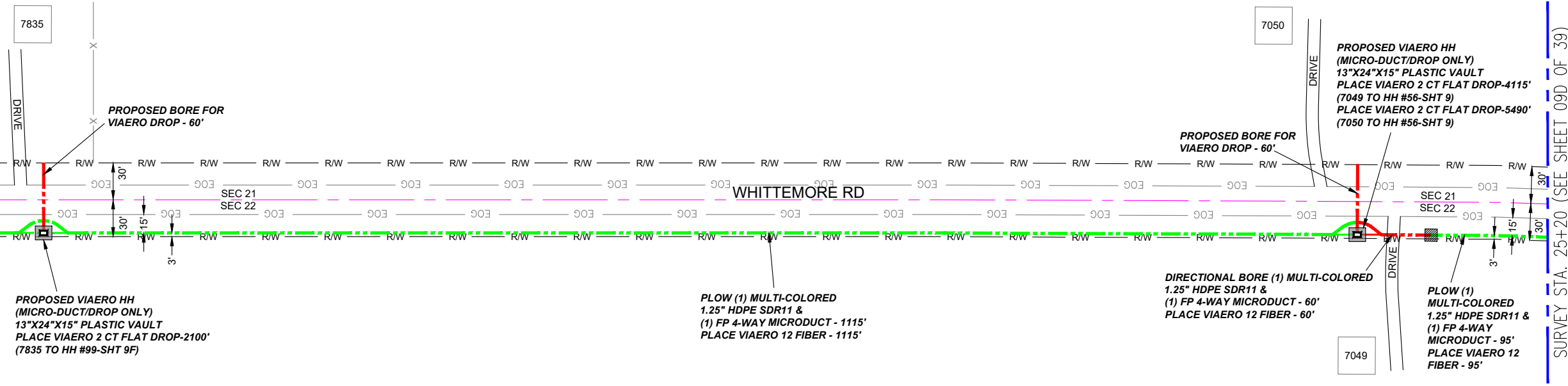
SURVEY STA. 50+60 (SEE SHEET 09F OF 39)

SURVEY STA. 25+20 (SEE SHEET 09D OF 39)

SURVEY STA. 37+90 (SEE THIS SHEET UPPER LEFT)

STA. 37+45
PLC CUSTOMER HH,
RD BORE

STA. 26+75
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLC CUSTOMER HH,
RD BORE
STA. 26+45
C/L DRIVE
STA. 26+15
PROPOSED BORE PIT,
END PLOW, BEG BORE



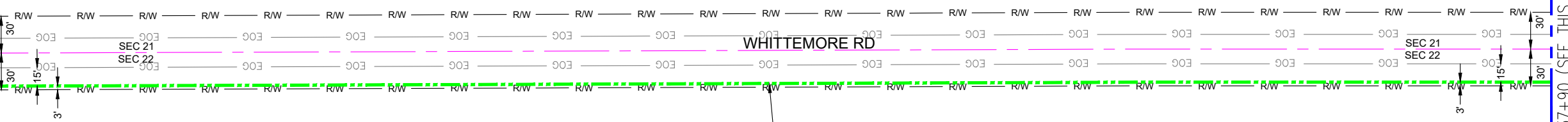
PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-2100'
(7835 TO HH #99-SHT 9F)

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-4115'
(7049 TO HH #56-SHT 9)
PLACE VIAERO 2 CT FLAT DROP-5490'
(7050 TO HH #56-SHT 9)

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1115'
PLACE VIAERO 12 FIBER - 1115'

DIRECTIONAL BORE (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 60'
PLACE VIAERO 12 FIBER - 60'

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 95'
PLACE VIAERO 12 FIBER - 95'



PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 12 FIBER - 1270'

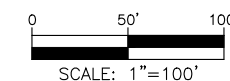
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	11,705'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	2	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	120'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2480'	
FT	PLACE VIAERO 12 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	11,705'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	2	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	09E OF 39

← DIRECTION OF ENGINEERING

SURVEY STA. 63+30 (SEE THIS SHEET LOWER RIGHT)

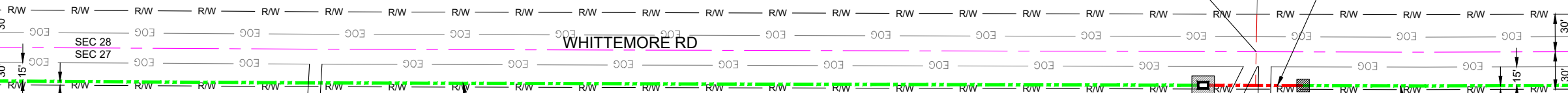
SURVEY STA. 76+00 (SEE SHEET 09G OF 39)

STA. 60+65
FIELD ENTRANCE

WHITTEMORE RD

STA. 69+00
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLC CUSTOMER HH
STA. 68+70
C/L DRIVE
STA. 68+40
PROPOSED BORE PIT,
END PLOW, BEG BORE

STA. 53+55
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLC HH #99
STA. 53+25
C/L DRIVE
STA. 53+05
FIELD ENTRANCE
STA. 52+75
PROPOSED BORE PIT,
END PLOW, BEG BORE



PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 975'
PLACE VIAERO 12 FIBER - 975'

PROPOSED VIAERO HH #99
24"x36"x24"/20K POLYMER CONCRETE
PLACE VIAERO FIBER-70' SLACK
PLACE VIAERO 2 CT FLAT DROP-3100' (7055)

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 215'
PLACE VIAERO 12 FIBER - 215'

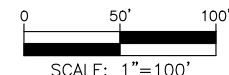
7055

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2610'	
FT	VIAERO 2 CT FLAT DROP	7550'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	1	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	140'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2400'	
FT	PLACE VIAERO 12 FIBER	2610'	
FT	PLACE VIAERO 2 CT FLAT DROP	7550'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	1	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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DRAWN BY:	FEC
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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	09F OF 39

SURVEY STA. 88+70 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 101+40 (SEE SHEET 09H OF 39)

SURVEY STA. 76+00 (SEE SHEET 09F OF 39)

SURVEY STA. 88+70 (SEE THIS SHEET UPPER LEFT)

STA. 80+35
EXISTING PED
STA. 80+30
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 80+00
C/L DRIVE
STA. 79+70
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLC CUSTOMER HH

**DIRECTIONAL BORE (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 60'
PLACE VIAERO 12 FIBER - 60'**

**PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 840'
PLACE VIAERO 12 FIBER - 840'**

**PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-5500'
(7885 TO HH #99-SHT 9F)**

**PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 370'
PLACE VIAERO 12 FIBER - 370'**

WHITTEMORE RD

WHITTEMORE RD

**PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 12 FIBER - 1270'**

7885

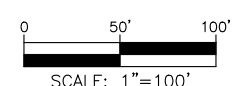
STA. 80+08
FIELD ENTRANCE

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	5500'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	1	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2480'	
FT	PLACE VIAERO 12 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	5500'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	1	

**NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.**



LEGEND

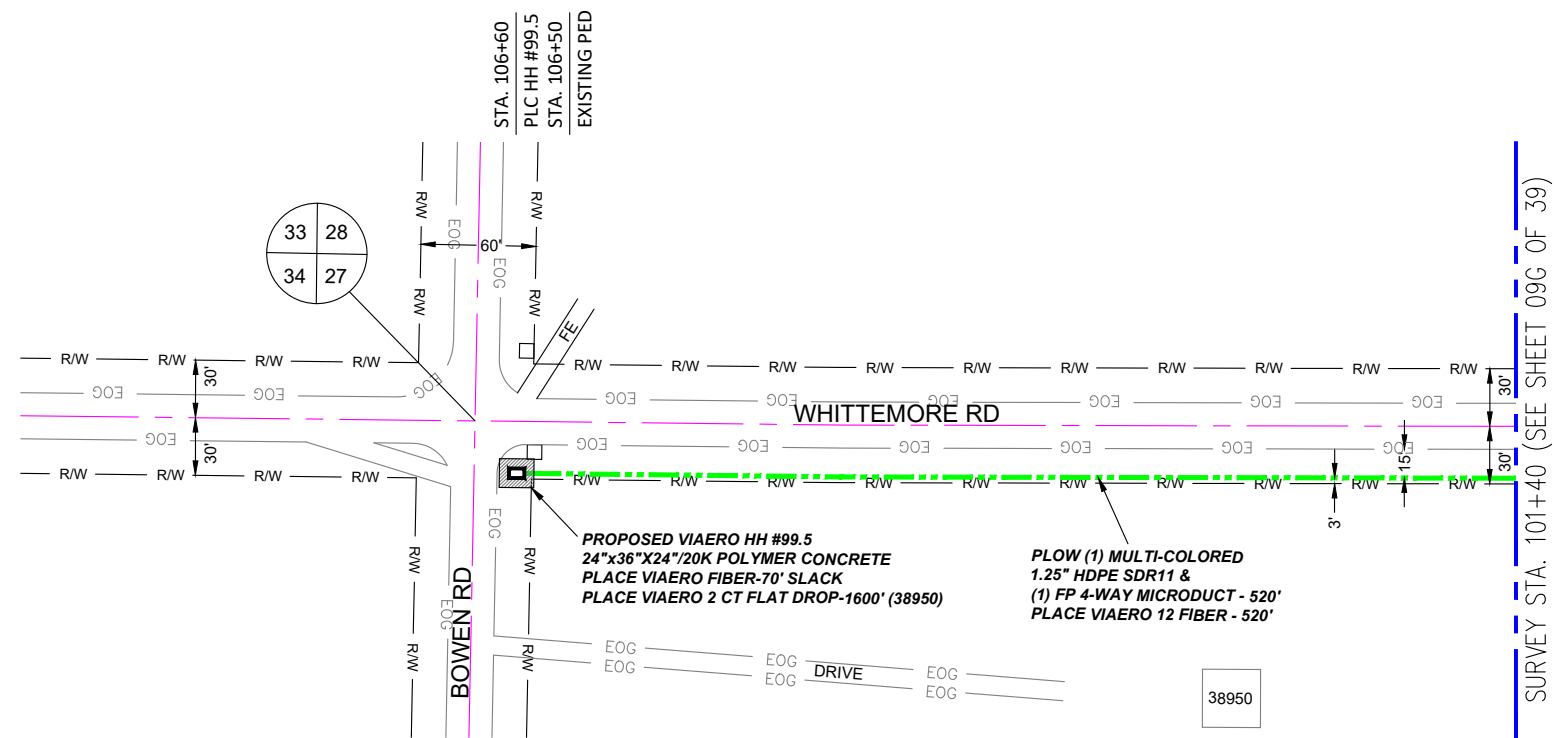
- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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COMPANY:	VIAERO FIBER NETWORKS, LLC
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DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	09G OF 39



- ### LEGEND
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

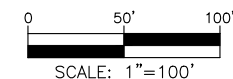
- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - RIGHT-OF-WAY
 - EDGE OF ASPHALT
 - EDGE OF GRAVEL
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	520'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	520'	
FT	VIAERO 12 FIBER	590'	
FT	VIAERO 2 CT FLAT DROP	1600'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	0	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	520'	
FT	PLACE VIAERO 12 FIBER	590'	
FT	PLACE VIAERO 2 CT FLAT DROP	1600'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	0	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



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 SITE ADDRESS: RUSH TOWER DISTRIBUTION
 EL PASO COUNTY, CO
 T15S 60W
 FILE NAME: EL PASO COUNTY
 01-39.dwg
 DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET
 MAP: 09H OF 39

SURVEY STA. 963+70 (SEE THIS SHEET LOWER RIGHT)

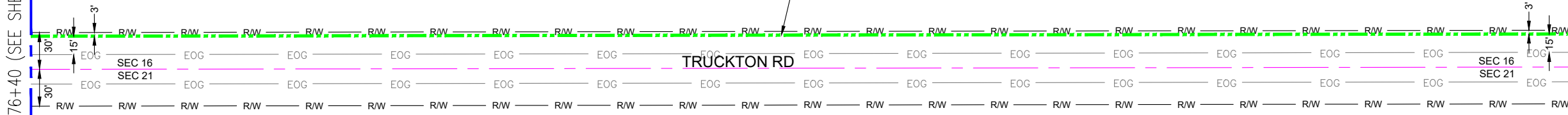
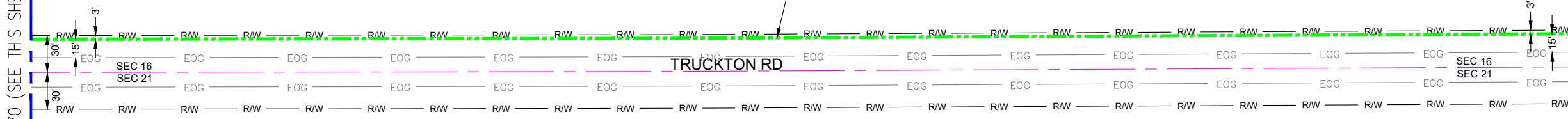
SURVEY STA. 976+40 (SEE SHEET 11 OF 39)

SURVEY STA. 951+00 (SEE SHEET 09 OF 39)

SURVEY STA. 963+70 (SEE THIS SHEET UPPER LEFT)

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 48 FIBER - 1270'

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 48 FIBER - 1270'



MATERIAL LIST

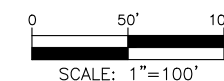
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 48 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	0'	
EA	VIAERO 30"X48"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	0	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2540'	
FT	PLACE VIAERO 48 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	0'	
EA	PLACE VIAERO 30"X48"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	0	

← DIRECTION OF ENGINEERING

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



DATE CREATED: 9/21/2022

DATE REVISED: 11/8/2022

DATE PLOTTED: 11/8/2022

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APPROVED BY: _____

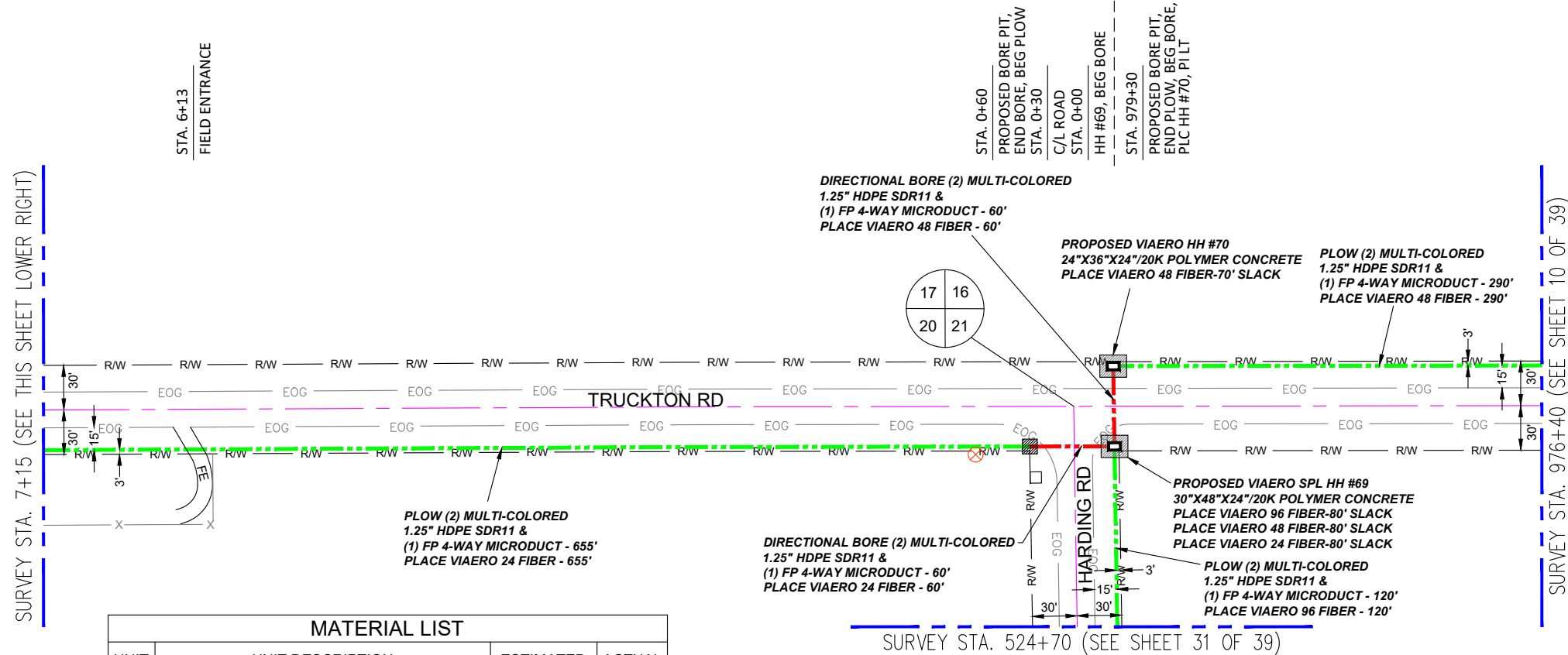
COMPANY: VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:
RUSH TOWER DISTRIBUTION
EL PASO COUNTY, CO
T15S R60W

FILE NAME: EL PASO COUNTY
01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS
PROJECT SHEET

MAP: 10 OF 39

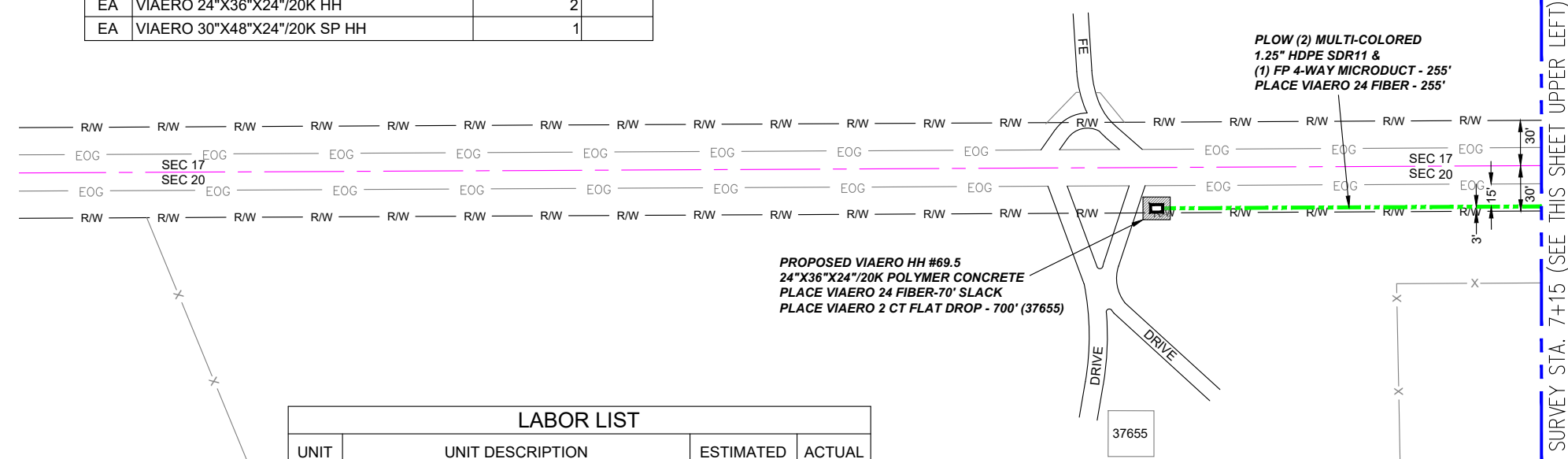


SURVEY STA. 7+15 (SEE THIS SHEET LOWER RIGHT)

STA. 6+13
FIELD ENTRANCE

SURVEY STA. 976+40 (SEE SHEET 10 OF 39)

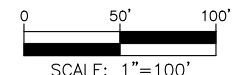
MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	1440'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	1440'	
FT	VIAERO 96 FIBER	200'	
FT	VIAERO 48 FIBER	500'	
FT	VIAERO 24 FIBER	1120'	
FT	VIAERO 2 CT FLAT DROP	700'	
EA	VIAERO 24"X36"X24"/20K HH	2	
EA	VIAERO 30"X48"X24"/20K SP HH	1	



← DIRECTION OF ENGINEERING

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (2) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	1320'	
FT	PLACE VIAERO 192 FIBER	200'	
FT	PLACE VIAERO 48 FIBER	500'	
FT	PLACE VIAERO 24 FIBER	1120'	
FT	PLACE VIAERO 2 CT FLAT DROP	700'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	2	
EA	PLACE VIAERO 30"X48"X24"/20K SP HH	1	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING

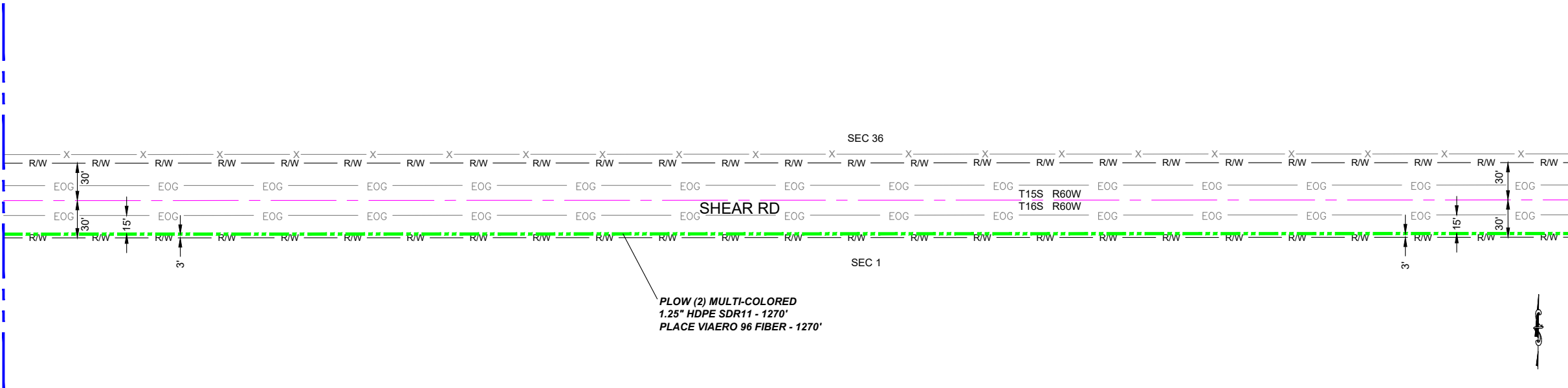
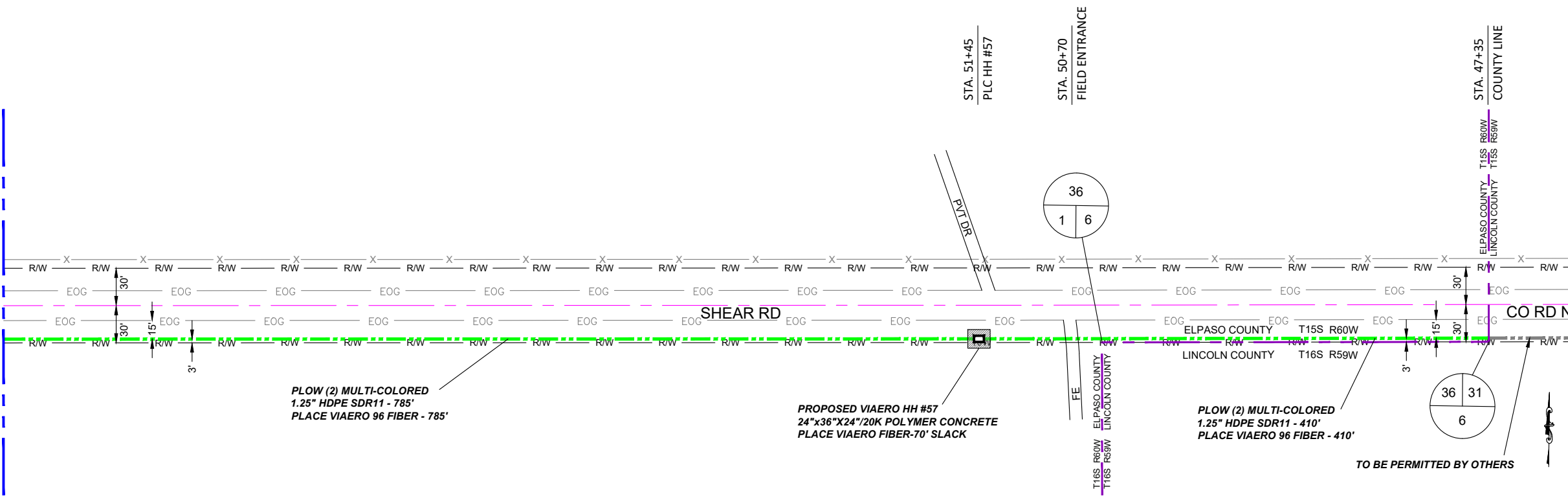


DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	11 OF 39

SURVEY STA. 59+30 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 72+00 (SEE SHEET 13 OF 39)

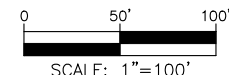
SURVEY STA. 59+30 (SEE THIS SHEET UPPER LEFT)



MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2465'	
FT	VIAERO 96 FIBER	2535'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 30"x48"x24"/20K SP HH	0	
FT	VIAERO 2CT FLAT DROP	0'	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" SDR-11	0'	
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	2465'	
FT	PLACE VIAERO 96 FIBER	2535'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 30"x48"x24"/20K SP HH	0	
FT	PLACE VIAERO 2CT FLAT DROP	0'	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO & LINCOLN COUNTY, CO T15S, T16S, R59W, R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	12 OF 39

SURVEY STA. 84+70 (SEE THIS SHEET LOWER RIGHT)

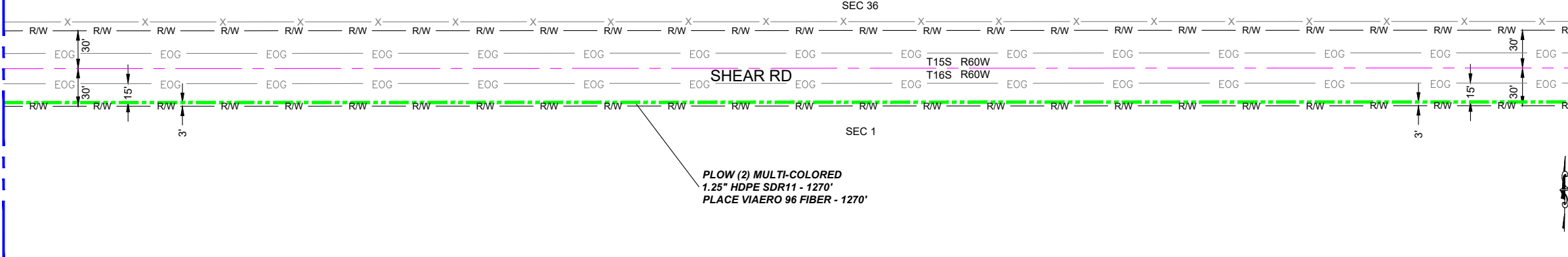
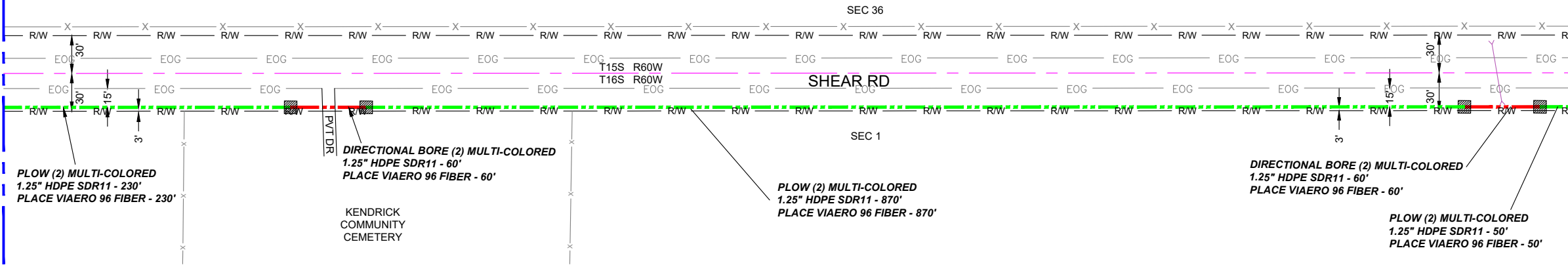
SURVEY STA. 97+40 (SEE SHEET 14 OF 39)

SURVEY STA. 72+00 (SEE SHEET 12 OF 39)

SURVEY STA. 84+70 (SEE THIS SHEET UPPER LEFT)

STA. 82+40
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 82+10
PRIVATE DRIVE
STA. 81+80
PROPOSED BORE PIT,
END PLOW, BEG BORE

STA. 73+10
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 72+80
CULVERT
STA. 72+50
PROPOSED BORE PIT,
END PLOW, BEG BORE



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W - RIGHT-OF-WAY
- EOA - EDGE OF ASPHALT
- EOG - EDGE OF GRAVEL
- EOS - EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



DATE CREATED: 9/21/2022

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APPROVED BY: _____

COMPANY: VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:

RUSH TOWER DISTRIBUTION
EL PASO COUNTY, CO
T15S T16S R60W

FILE NAME: EL PASO COUNTY
01-39.dwg

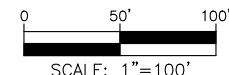
DESCRIPTION: CONSTRUCTION PLANS
PROJECT SHEET

MAP: 13 OF 39

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO 96 FIBER	2540'	
EA	VIAERO 24"x36"x24"/20K HH	0	
EA	VIAERO 30"x48"x24"/20K SP HH	0	
FT	VIAERO 2CT FLAT DROP	0'	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" SDR-11	120'	
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	2420'	
FT	PLACE VIAERO 96 FIBER	2540'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	0	
EA	PLACE VIAERO 30"x48"x24"/20K SP HH	0	
FT	PLACE VIAERO 2CT FLAT DROP	0'	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



← DIRECTION OF ENGINEERING

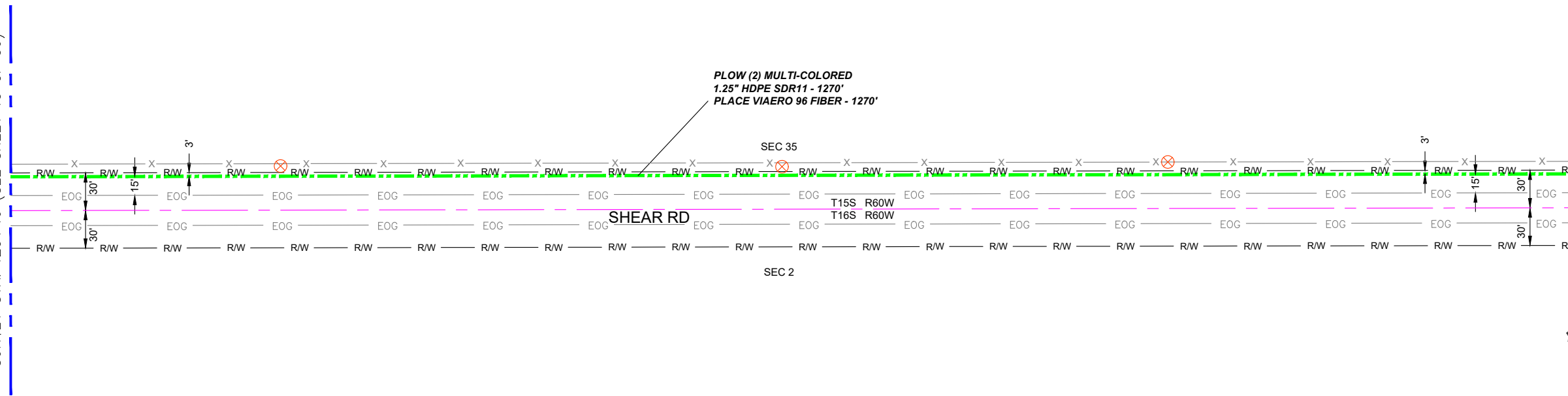
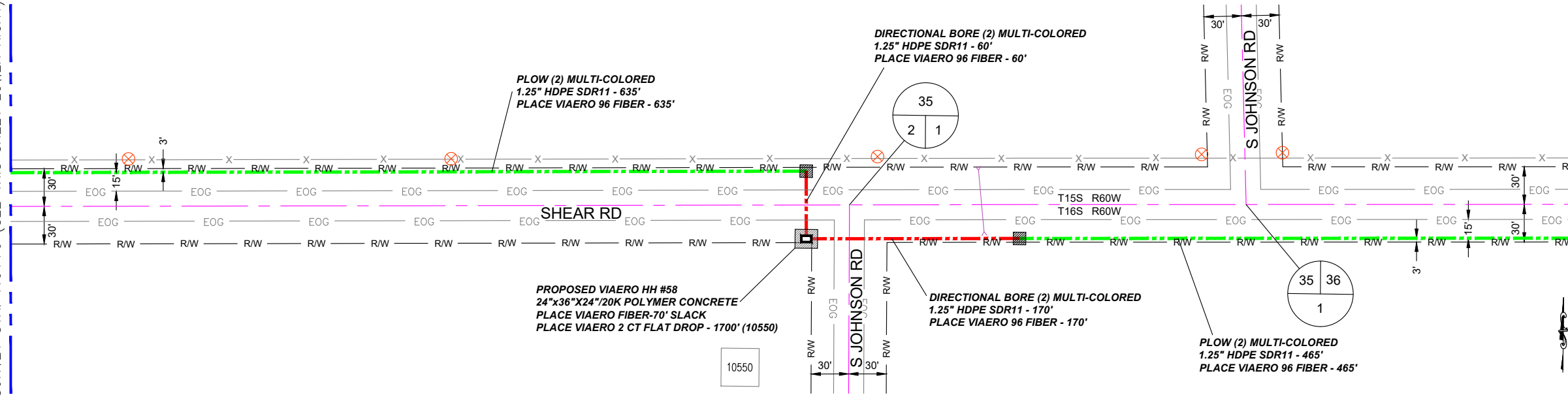
SURVEY STA. 110+70 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 123+40 (SEE SHEET 15 OF 39)

SURVEY STA. 97+40 (SEE SHEET 13 OF 39)

SURVEY STA. 110+70 (SEE THIS SHEET UPPER LEFT)

STA. 104+35
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PI LT
STA. 104+05
C/L SHEAR RD
STA. 103+75
PLACE HH #58, PI RT
STA. 103+40
C/L S JOHNSON RD
STA. 102+35
CULVERT
STA. 102+05
PROPOSED BORE PIT,
END PLOW, BEG BORE
STA. 100+25
C/L S JOHNSON RD

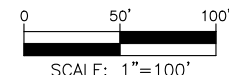


← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2600'	
FT	VIAERO 96 FIBER	2670'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 30"x48"x24"/20K SP HH	0	
FT	VIAERO 2CT FLAT DROP	1700'	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" SDR-11	230'	
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	2370'	
FT	PLACE VIAERO 96 FIBER	2670'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 30"x48"x24"/20K SP HH	0	
FT	PLACE VIAERO 2CT FLAT DROP	1700'	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- EXISTING ELECTRICAL/UTILITY CABINET
- EXISTING TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S T16S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	14 OF 39

SURVEY STA. 136+10 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 148+80 (SEE SHEET 16 OF 39)

SURVEY STA. 123+40 (SEE SHEET 14 OF 39)

SURVEY STA. 136+10 (SEE THIS SHEET UPPER LEFT)

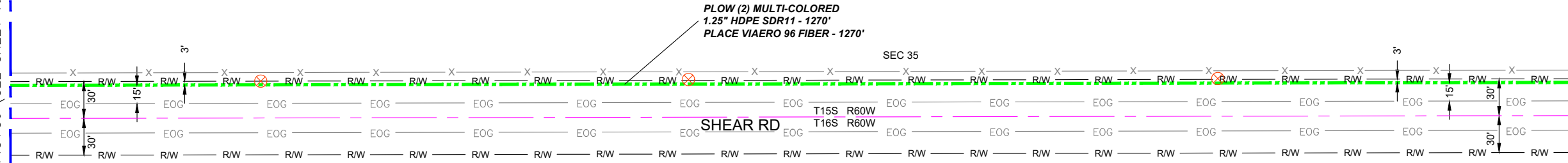
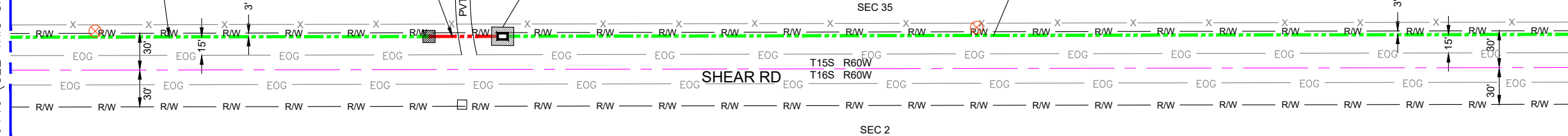
STA. 132+70
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 132+40
PRIVATE DRIVE
STA. 132+10
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLACE HH

39990

**PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 340'
PLACE VIAERO 96 FIBER - 340'**

**PROPOSED VIAERO HH #58.1
24"x36"x24"/20K POLYMER CONCRETE
PLACE VIAERO FIBER-70' SLACK
PLACE VIAERO 2 CT FLAT DROP - 280' (39990)**

**PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 870'
PLACE VIAERO 96 FIBER - 870'**



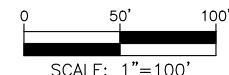
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO 96 FIBER	2610'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 30"x48"x24"/20K SP HH	0	
FT	VIAERO 2CT FLAT DROP	280'	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" SDR-11	60'	
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	2480'	
FT	PLACE VIAERO 96 FIBER	2610'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 30"x48"x24"/20K SP HH	0	
FT	PLACE VIAERO 2CT FLAT DROP	280'	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- EXISTING ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

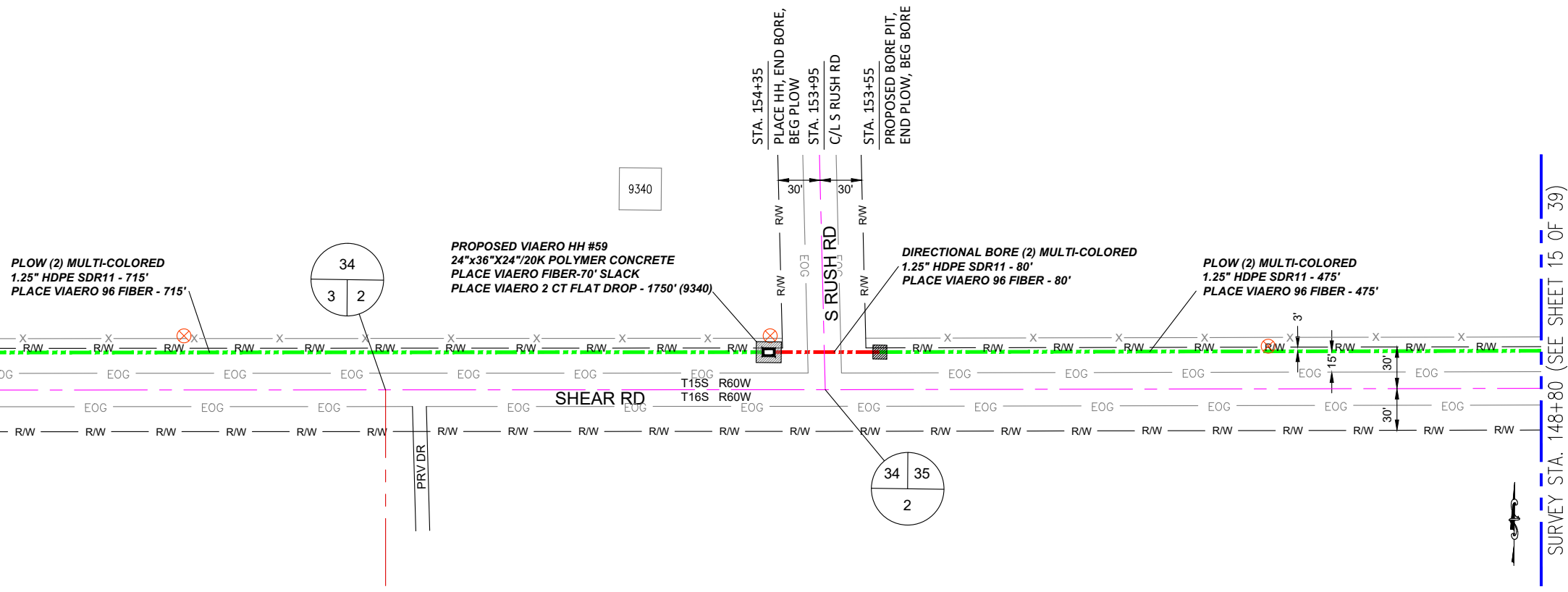
- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
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- BUILDING-EXISTING



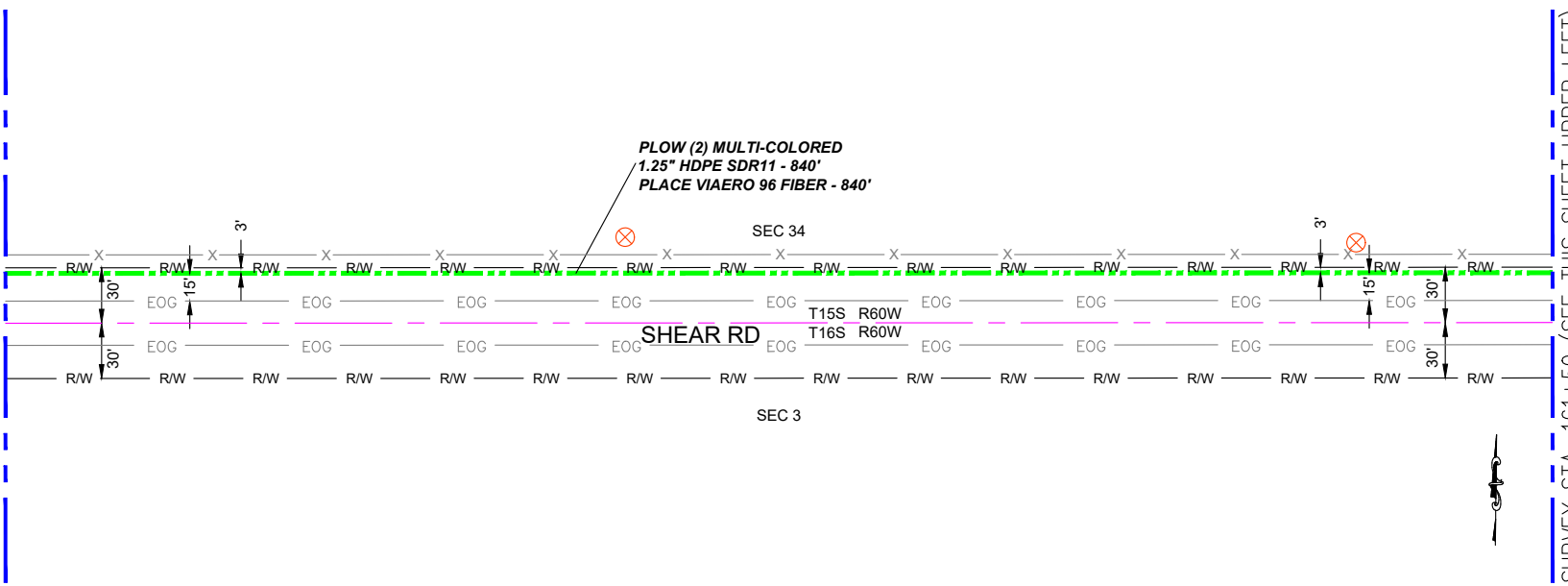
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COMPANY:	VIAERO FIBER NETWORKS, LLC
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FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	15 OF 39

← DIRECTION OF ENGINEERING

SURVEY STA. 161+50 (SEE THIS SHEET LOWER RIGHT)



SURVEY STA. 169+90 (SEE SHEET 17 OF 39)



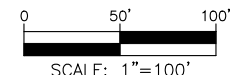
SURVEY STA. 161+50 (SEE THIS SHEET UPPER LEFT)

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2110'	
FT	VIAERO 96 FIBER	2180'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 30"x48"x24"/20K SP HH	0	
FT	VIAERO 2CT FLAT DROP	1750'	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" SDR-11	80'	
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	2030'	
FT	PLACE VIAERO 96 FIBER	2180'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 30"x48"x24"/20K SP HH	0	
FT	PLACE VIAERO 2CT FLAT DROP	1750'	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- EXISTING UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



DATE CREATED: 9/21/2022
 DATE REVISED: 11/8/2022
 DATE PLOTTED: 11/8/2022
 DRAWN BY: FEC
 CHECKED BY: FEC
 APPROVED BY: _____

COMPANY: VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:
 RUSH TOWER DISTRIBUTION
 EL PASO COUNTY, CO
 T15S T16S R60W

FILE NAME: EL PASO COUNTY
 01-39.dwg

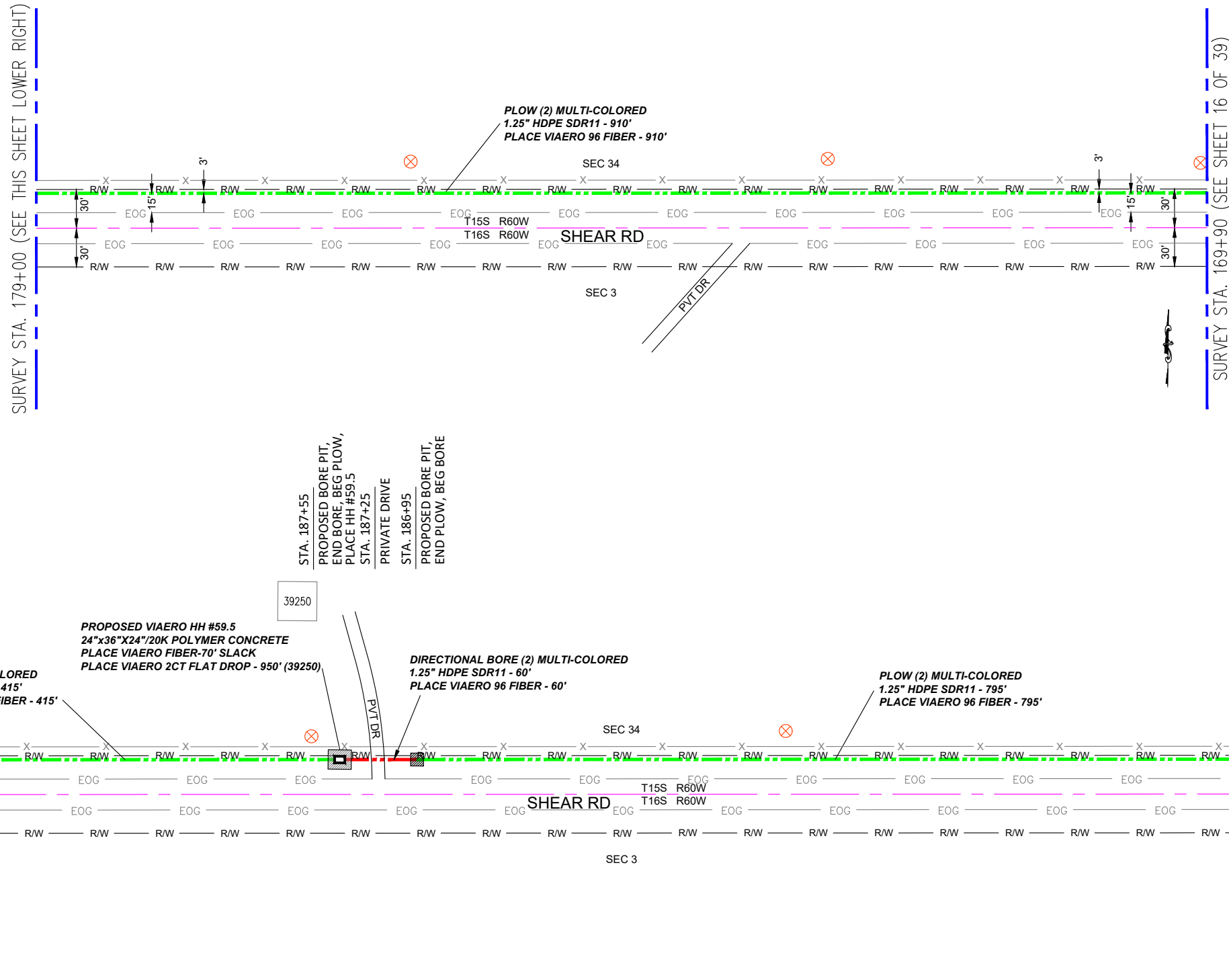
DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET

MAP: 16 OF 39

SURVEY STA. 179+00 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 191+70 (SEE SHEET 18 OF 39)

SURVEY STA. 169+90 (SEE SHEET 16 OF 39)



STA. 187+55
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLACE HH #59.5
STA. 187+25
PRIVATE DRIVE
STA. 186+95
PROPOSED BORE PIT,
END PLOW, BEG BORE

PROPOSED VIAERO HH #59.5
24"x36"x24"/20K POLYMER CONCRETE
PLACE VIAERO FIBER-70' SLACK
PLACE VIAERO 2CT FLAT DROP - 950' (39250)

DIRECTIONAL BORE (2) MULTI-COLORED
1.25" HDPE SDR11 - 60'
PLACE VIAERO 96 FIBER - 60'

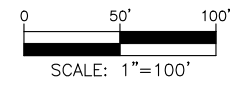
PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 795'
PLACE VIAERO 96 FIBER - 795'

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2180'	
FT	VIAERO 96 FIBER	2250'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 30"x48"x24"/20K SP HH	0	
FT	VIAERO 2CT FLAT DROP	950'	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" SDR-11	60'	
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	2120'	
FT	PLACE VIAERO 96 FIBER	2250'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 30"x48"x24"/20K SP HH	0	
FT	PLACE VIAERO 2CT FLAT DROP	950'	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



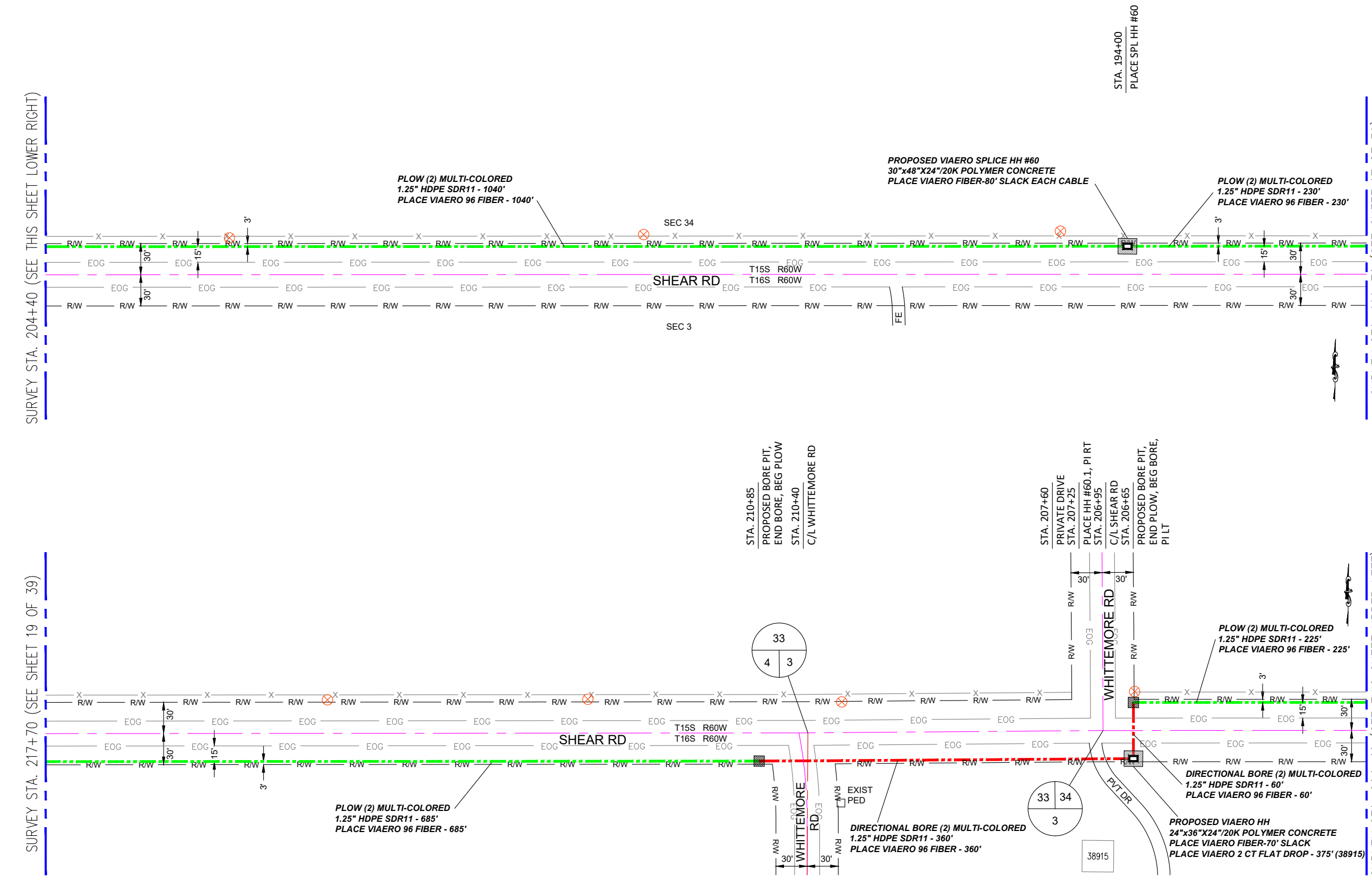
DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S T16S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	17 OF 39

SURVEY STA. 204+40 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 217+70 (SEE SHEET 19 OF 39)

SURVEY STA. 191+70 (SEE SHEET 17 OF 39)

SURVEY STA. 204+40 (SEE THIS SHEET UPPER LEFT)

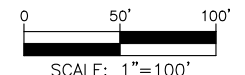


← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2600'	
FT	VIAERO 96 FIBER	2830'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 30"x48"x24"/20K SP HH	1	
FT	VIAERO 2CT FLAT DROP	375'	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" SDR-11	420'	
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	2180'	
FT	PLACE VIAERO 96 FIBER	2830'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 30"x48"x24"/20K SP HH	1	
FT	PLACE VIAERO 2CT FLAT DROP	375'	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S T16S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	18 OF 39

SURVEY STA. 230+40 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 243+10 (SEE SHEET 20 OF 39)

SURVEY STA. 217+70 (SEE SHEET 18 OF 39)

SURVEY STA. 230+40 (SEE THIS SHEET UPPER LEFT)



PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 1270'
PLACE VIAERO 96 FIBER - 1270'

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 1270'
PLACE VIAERO 96 FIBER - 1270'

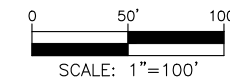
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO 96 FIBER	2540'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 30"X48"X24"/20K SP HH	0	
FT	VIAERO 2CT FLAT DROP	0'	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" SDR-11	0'	
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	PLACE VIAERO 96 FIBER	2540'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 30"X48"X24"/20K SP HH	0	
FT	PLACE VIAERO 2CT FLAT DROP	0'	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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COMPANY:	VIAERO FIBER NETWORKS, LLC
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FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	19 OF 39

← DIRECTION OF ENGINEERING

SURVEY STA. 255+80 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 268+50 (SEE SHEET 21 OF 39)

SURVEY STA. 243+10 (SEE SHEET 19 OF 39)

SURVEY STA. 255+80 (SEE THIS SHEET UPPER LEFT)

STA. 246+70
FIELD ENTRANCE

STA. 262+80
FIELD ENTRANCE

STA. 262+40
PLACE HH #61

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 1270'
PLACE VIAERO 96 FIBER - 1270'

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 610'
PLACE VIAERO 96 FIBER - 610'

PROPOSED VIAERO HH #61
24"x36"x24"/20K POLYMER CONCRETE
PLACE VIAERO FIBER-70' SLACK

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 660'
PLACE VIAERO 96 FIBER - 660'

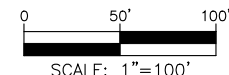
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO 96 FIBER	2610'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 30"x48"x24"/20K SP HH	0	
FT	VIAERO 2CT FLAT DROP	0'	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" SDR-11	0'	
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	PLACE VIAERO 96 FIBER	2610'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 30"x48"x24"/20K SP HH	0	
FT	PLACE VIAERO 2CT FLAT DROP	0'	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



DATE CREATED: 9/21/2022

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APPROVED BY: _____

COMPANY:
VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:
RUSH TOWER DISTRIBUTION
EL PASO COUNTY, CO
T15S T16S R60W

FILE NAME: EL PASO COUNTY
01-39.dwg

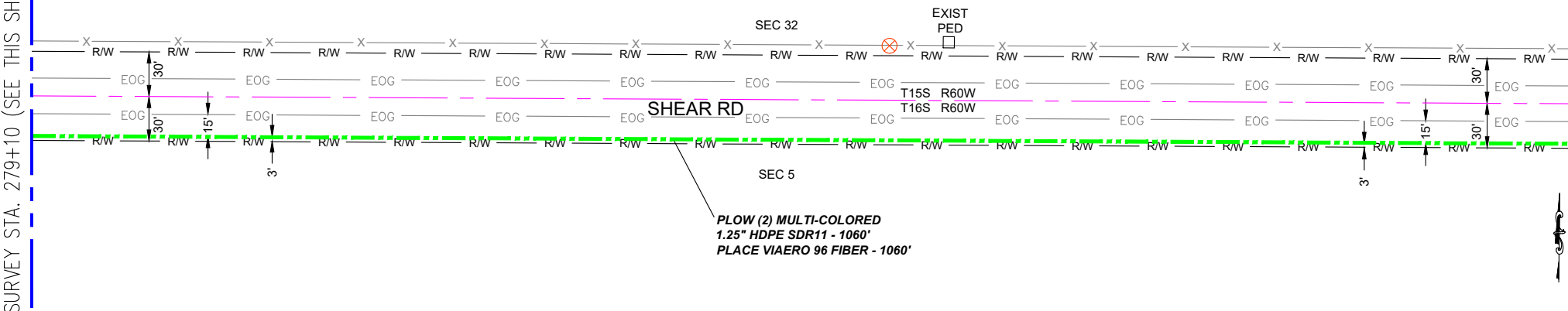
DESCRIPTION: CONSTRUCTION PLANS
PROJECT SHEET

MAP: 20 OF 39

← DIRECTION OF ENGINEERING

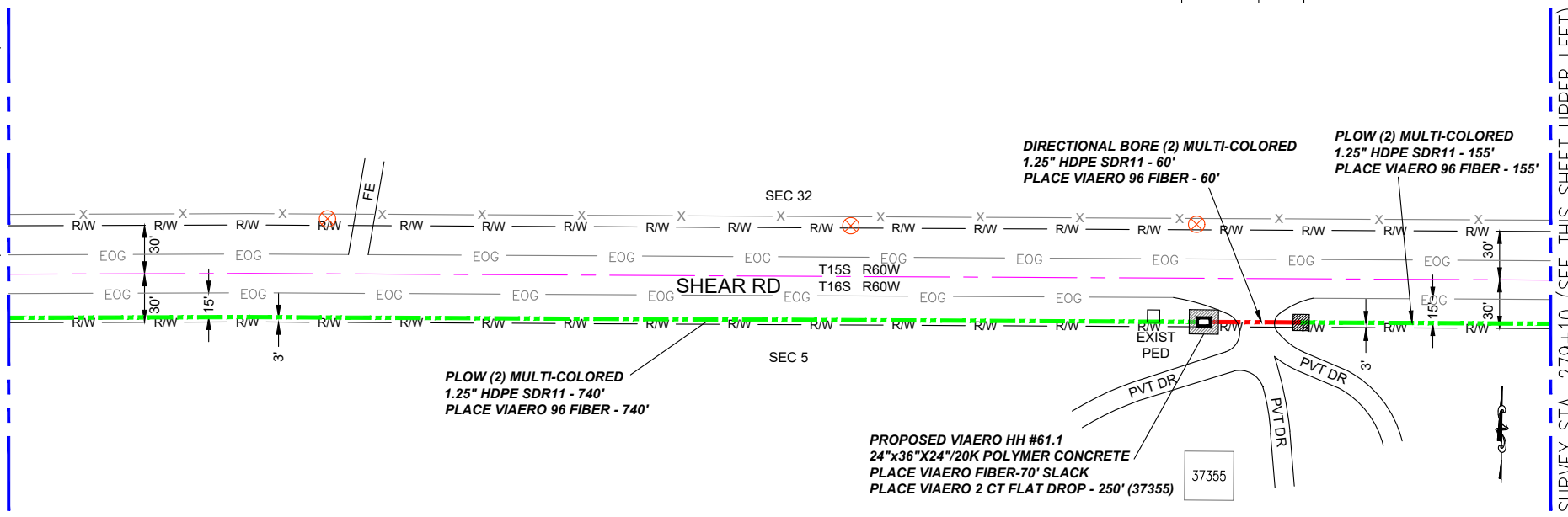
SURVEY STA. 279+10 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 268+50 (SEE SHEET 20 OF 39)



SURVEY STA. 288+65 (SEE SHEET 22 OF 39)

SURVEY STA. 279+10 (SEE THIS SHEET UPPER LEFT)



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
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COMPANY: VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:

RUSH TOWER DISTRIBUTION
EL PASO COUNTY, CO
T15S T16S R60W

FILE NAME: EL PASO COUNTY
01-39.dwg

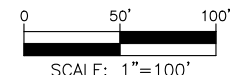
DESCRIPTION: CONSTRUCTION PLANS
PROJECT SHEET

MAP: 21 OF 39

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2015'	
FT	VIAERO 96 FIBER	2085'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 30"x48"x24"/20K SP HH	0	
FT	VIAERO 2CT FLAT DROP	250'	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" SDR-11	60'	
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	1955'	
FT	PLACE VIAERO 96 FIBER	2085'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 30"x48"x24"/20K SP HH	0	
FT	PLACE VIAERO 2CT FLAT DROP	250'	

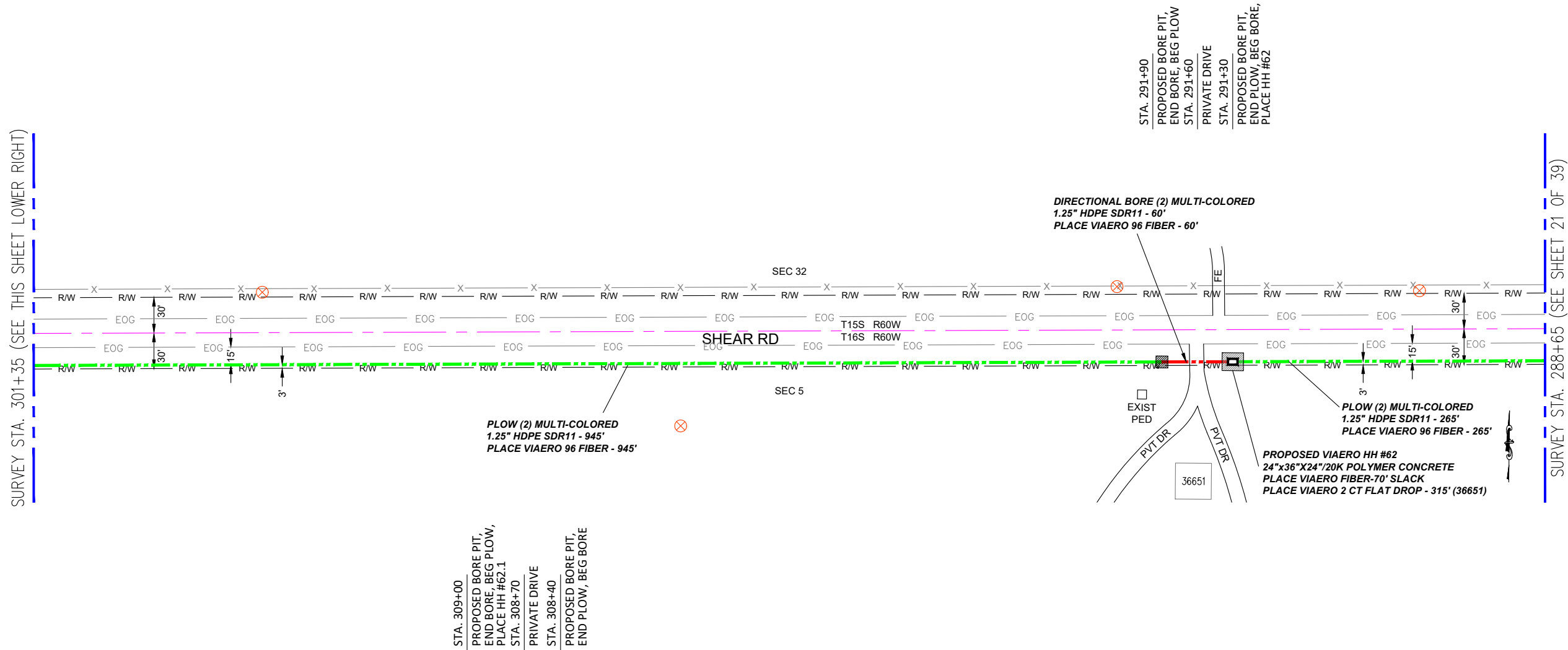
NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



← DIRECTION OF ENGINEERING

SURVEY STA. 301+35 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 288+65 (SEE SHEET 21 OF 39)

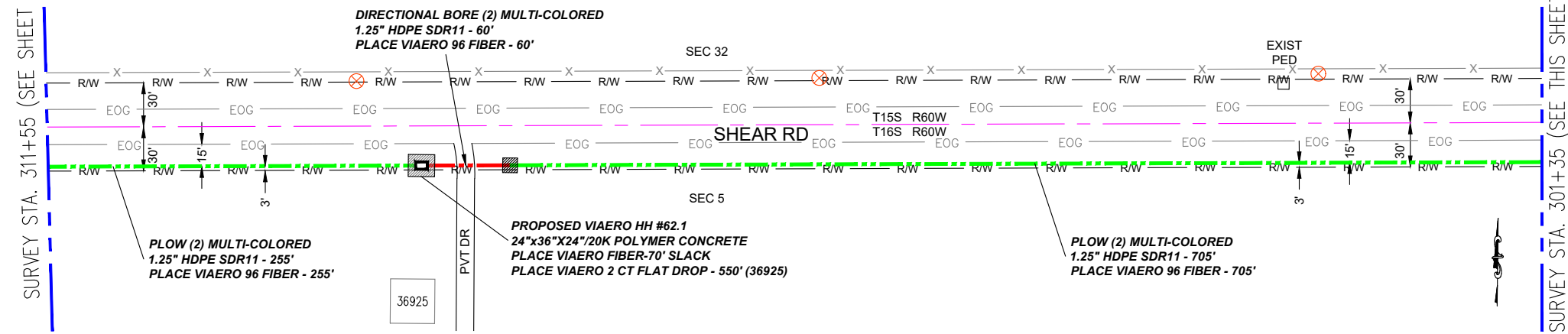


STA. 309+00
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLACE HH #62.1
STA. 308+70
PRIVATE DRIVE
STA. 308+40
PROPOSED BORE PIT,
END PLOW, BEG BORE

STA. 291+90
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 291+60
PRIVATE DRIVE
STA. 291+30
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLACE HH #62

SURVEY STA. 311+55 (SEE SHEET 23 OF 39)

SURVEY STA. 301+35 (SEE THIS SHEET UPPER LEFT)



DIRECTIONAL BORE (2) MULTI-COLORED
1.25" HDPE SDR11 - 60'
PLACE VIAERO 96 FIBER - 60'

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 255'
PLACE VIAERO 96 FIBER - 255'

PROPOSED VIAERO HH #62.1
24"x36"x24"/20K POLYMER CONCRETE
PLACE VIAERO FIBER-70' SLACK
PLACE VIAERO 2 CT FLAT DROP - 550' (36925)

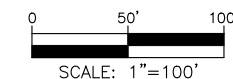
PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 705'
PLACE VIAERO 96 FIBER - 705'

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2290'	
FT	VIAERO 96 FIBER	2430'	
EA	VIAERO 24"x36"x24"/20K HH	2	
EA	VIAERO 30"x48"x24"/20K SP HH	0	
FT	VIAERO 2CT FLAT DROP	865'	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" SDR-11	120'	
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	2170'	
FT	PLACE VIAERO 96 FIBER	2430'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	2	
EA	PLACE VIAERO 30"x48"x24"/20K SP HH	0	
FT	PLACE VIAERO 2CT FLAT DROP	865'	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



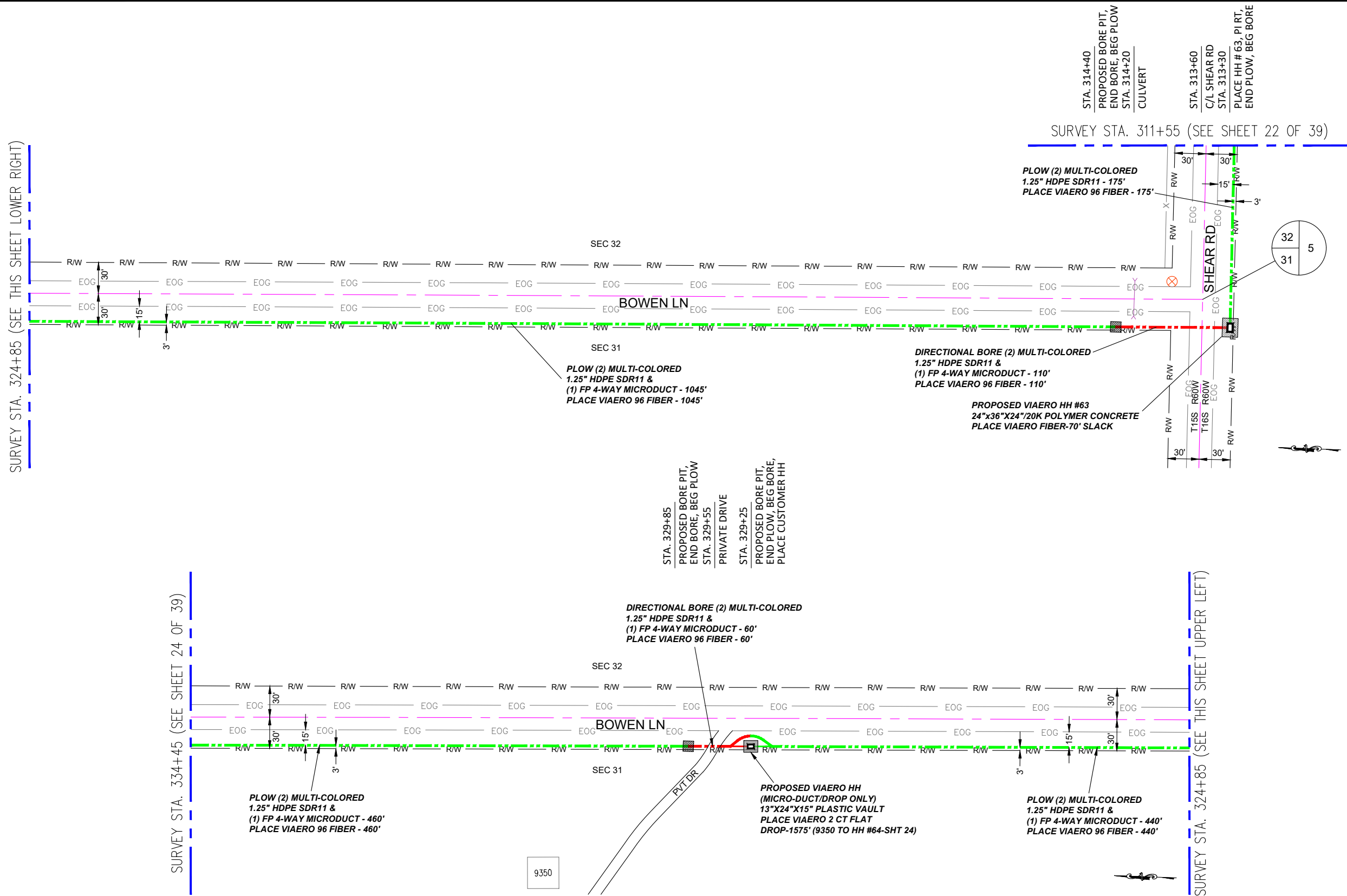
DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S T16S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	22 OF 39

SURVEY STA. 324+85 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 334+45 (SEE SHEET 24 OF 39)

SURVEY STA. 324+85 (SEE THIS SHEET UPPER LEFT)

SURVEY STA. 311+55 (SEE SHEET 22 OF 39)



- ### LEGEND
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - R/W - RIGHT-OF-WAY
 - EOG - EDGE OF ASPHALT
 - EOG - EDGE OF GRAVEL
 - EOG - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 T16S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	23 OF 39

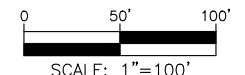
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2290'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2115'	
FT	VIAERO 96 FIBER	2360'	
FT	VIAERO 2 CT FLAT DROP	1575'	
EA	VIAERO 24"X36"X24"/20K HH	1	
EA	VIAERO 13"X24"X15" HH	1	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (2) MULTI-COLORED 1.25" SDR-11	175'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	1945'	
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" & (1) FP	170'	
FT	PLACE VIAERO 96 FIBER	2360'	
FT	PLACE VIAERO 2 CT FLAT DROP	1575'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	1	
EA	PLACE VIAERO 13"X24"X15" HH	1	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



← DIRECTION OF ENGINEERING

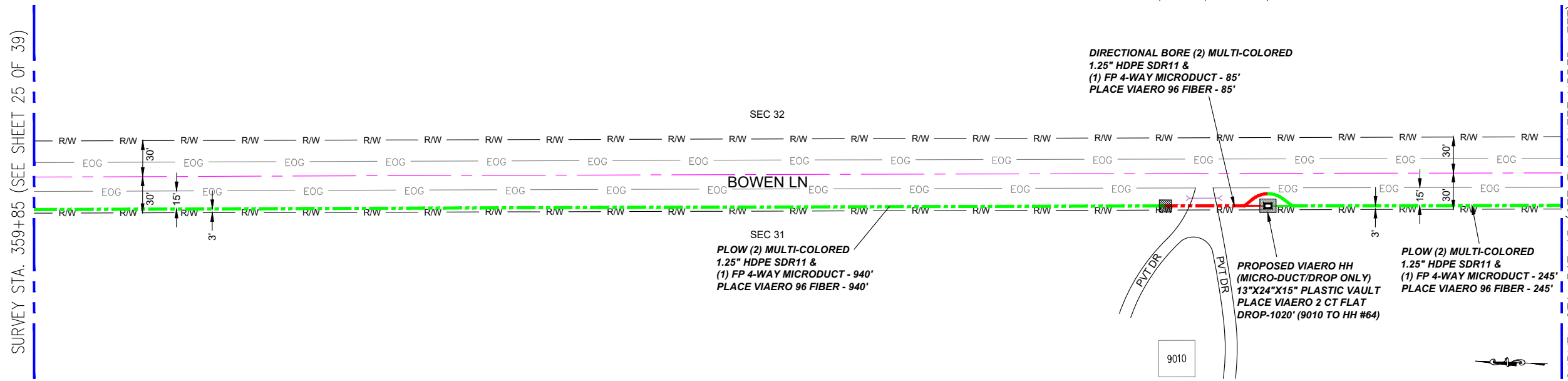
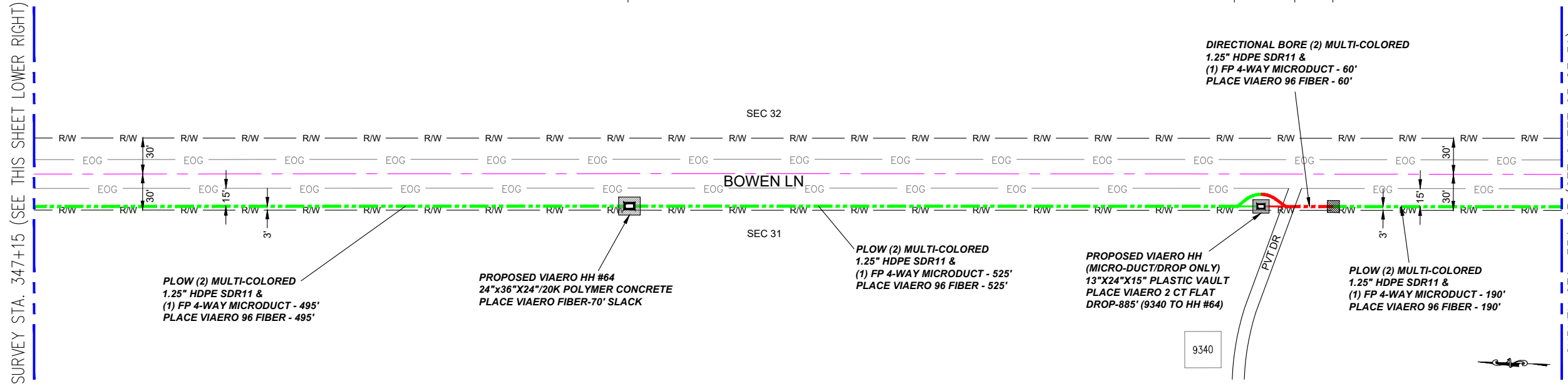
SURVEY STA. 347+15 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 359+85 (SEE SHEET 25 OF 39)

STA. 342+20
PLACE HH #64

STA. 336+95
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLACE CUSTOMER HH
STA. 336+65
PRIVATE DRIVE
STA. 336+35
PROPOSED BORE PIT,
END PLOW, BEG BORE

STA. 350+45
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 350+15
PRIVATE DRIVE,
DRIVEWAY CULVERT
STA. 349+60
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLACE CUSTOMER HH



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED UTILITY HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOG
- EOG
- EOG
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING

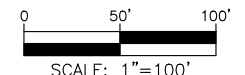


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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	24 OF 39

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 96 FIBER	2610'	
FT	VIAERO 2 CT FLAT DROP	1905'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	1	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2395'	
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" & (1) FP	145'	
FT	PLACE VIAERO 96 FIBER	2610'	
FT	PLACE VIAERO 2 CT FLAT DROP	1905'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	1	

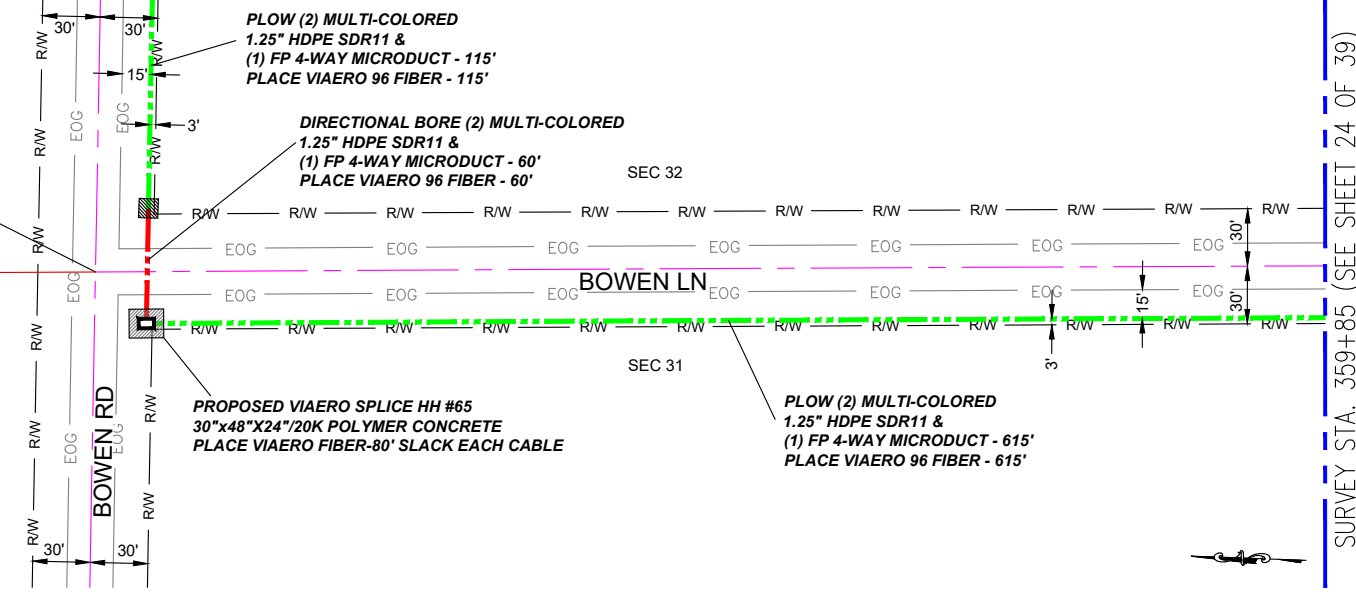
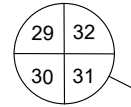
NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



← DIRECTION OF ENGINEERING

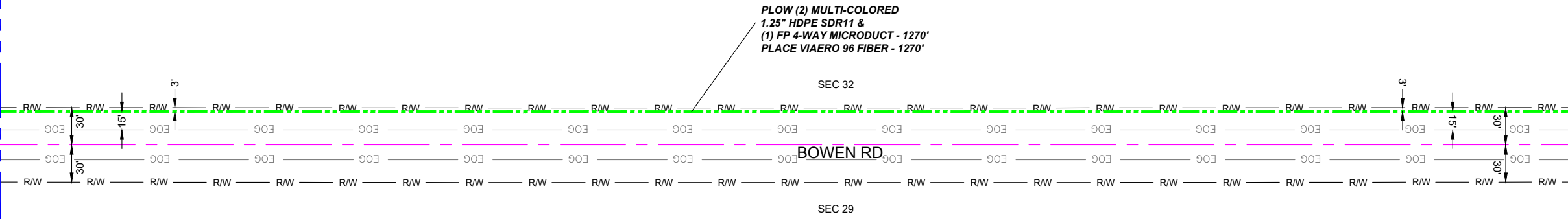
SURVEY STA. 367+75 (SEE THIS SHEET LOWER RIGHT)

STA. 366+60
 PROPOSED BORE PIT,
 END BORE, BEG PLOW
 STA. 366+30
 C/L BOWEN LANE
 STA. 366+00
 PLACE SPL HH #65, PI RT,
 END PLOW, BEG BORE



SURVEY STA. 359+85 (SEE SHEET 24 OF 39)

SURVEY STA. 380+45 (SEE SHEET 26 OF 39)



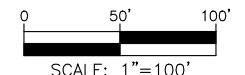
SURVEY STA. 367+75 (SEE THIS SHEET UPPER LEFT)

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2060'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2060'	
FT	VIAERO 96 FIBER	2220'	
FT	VIAERO 2 CT FLAT DROP	0'	
EA	VIAERO 30"x48"x24"/20K SPL HH	1	
EA	VIAERO 13"x24"x15" HH	0	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2000'	
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLACE VIAERO 96 FIBER	2220'	
FT	PLACE VIAERO 2 CT FLAT DROP	0'	
EA	PLACE VIAERO 30"x48"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	0	

NOTE:
 PLACE CAUTION WARNING RIBBON
 1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



DATE CREATED: 9/21/2022

DATE REVISED: 11/8/2022

DATE PLOTTED: 11/8/2022

DRAWN BY: FEC

CHECKED BY: FEC

APPROVED BY: _____

COMPANY: VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:

RUSH TOWER DISTRIBUTION
 EL PASO COUNTY, CO
 T15S R60W

FILE NAME: EL PASO COUNTY
 01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET

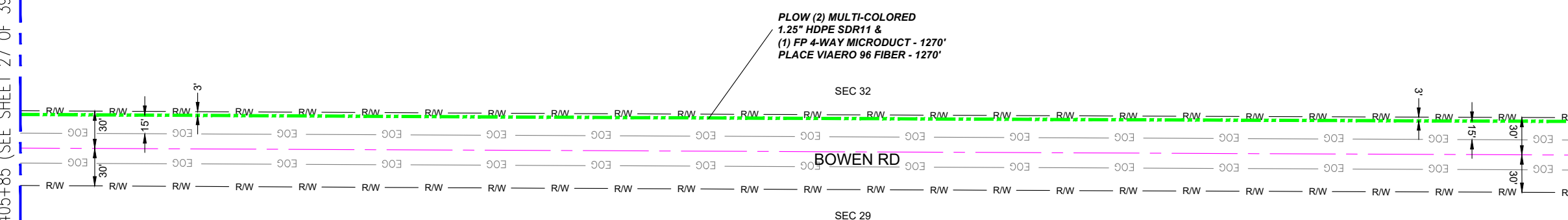
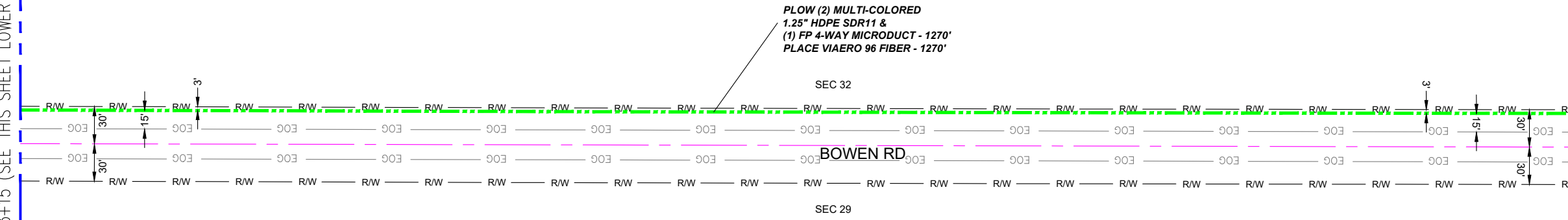
MAP: 25 OF 39

SURVEY STA. 393+15 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 405+85 (SEE SHEET 27 OF 39)

SURVEY STA. 380+45 (SEE SHEET 25 OF 39)

SURVEY STA. 393+15 (SEE THIS SHEET UPPER LEFT)



PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 96 FIBER - 1270'

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 96 FIBER - 1270'

- LEGEND**
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - PROPOSED VIAERO HANDHOLE
 - STORM INLET
 - STORM GRATE
 - CULVERT
 - TREE
 - BORE PIT
 - EXISTING WELL
 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER

- LINETYPES**
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - R/W
 - EOA
 - EOG
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING
 - BURIED FIBER-EXISTING
 - TELEPHONE-EXISTING
 - STORM SEWER-EXISTING
 - SANITARY SEWER-EXISTING
 - STREAM
 - WATER-EXISTING
 - BUILDING-EXISTING



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 COMPANY: VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:
 RUSH TOWER DISTRIBUTION
 EL PASO COUNTY, CO
 T15S R60W

FILE NAME: EL PASO COUNTY
 01-39.dwg

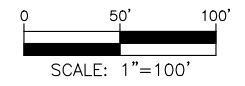
DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET

MAP: 26 OF 39

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 96 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	0'	
EA	VIAERO 24"x36"x24"/20K HH	0	
EA	VIAERO 13"x24"x15" HH	0	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2540'	
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" & (1) FP	0'	
FT	PLACE VIAERO 96 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	0'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	0	
EA	PLACE VIAERO 13"x24"x15" HH	0	

NOTE:
 PLACE CAUTION WARNING RIBBON
 1 FOOT ABOVE THE CABLE.

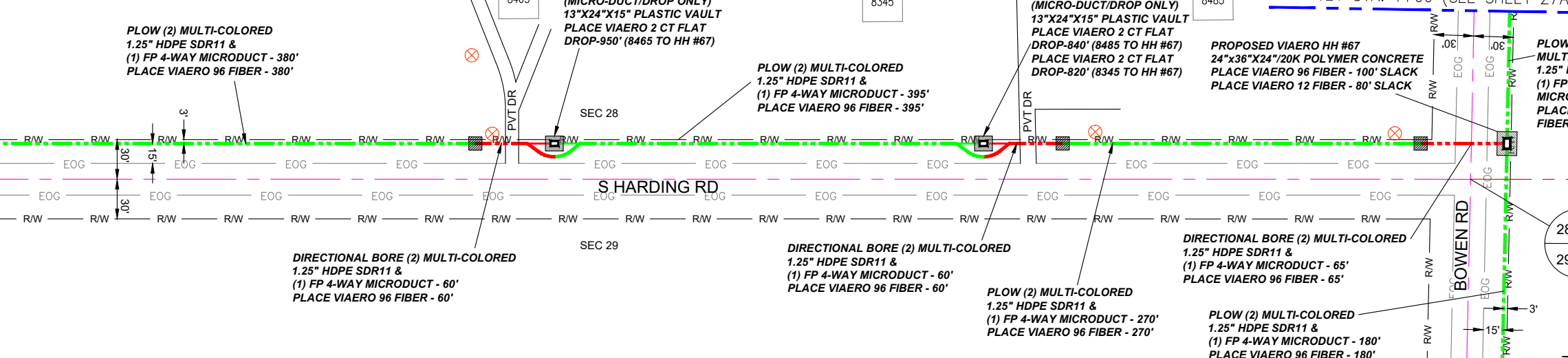
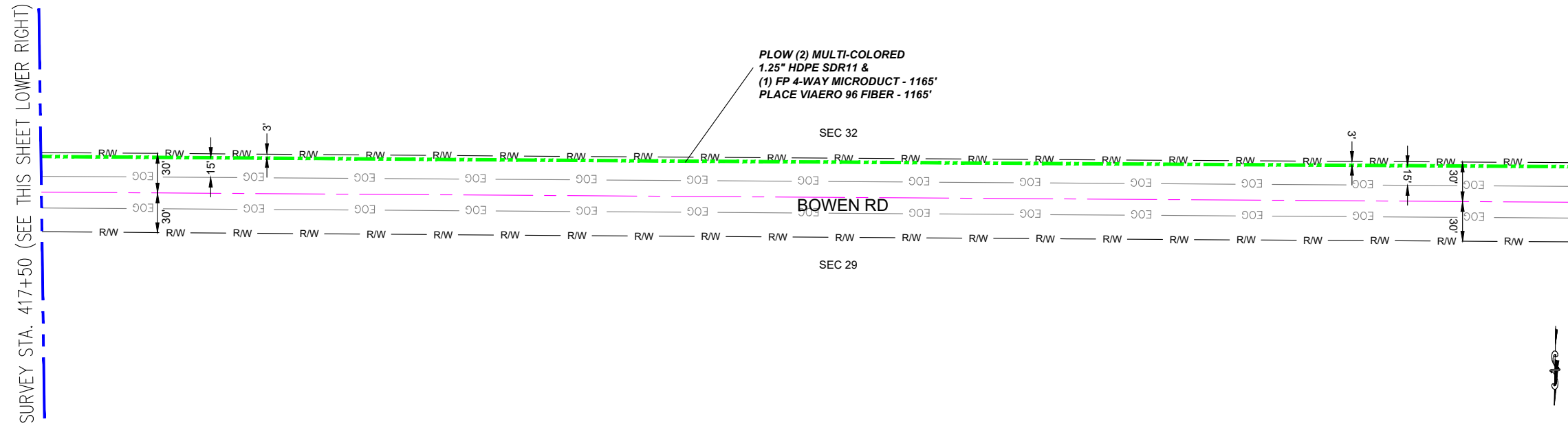


← DIRECTION OF ENGINEERING

SURVEY STA. 417+50 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 431+60 (SEE SHEET 28 OF 39)

SURVEY STA. 405+85 (SEE SHEET 26 OF 39)

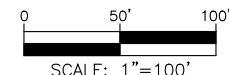


← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTICOLORED 1.25" SDR-11	100'	
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2575'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2675'	
FT	VIAERO 96 FIBER	2675'	
FT	VIAERO 12 FIBER	180'	
FT	VIAERO 2 CT FLAT DROP	2610'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	2	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (1) MULTICOLORED 1.25" & (1) FP	100'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2390'	
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" & (1) FP	185'	
FT	PLACE VIAERO 96 FIBER	2675'	
FT	PLACE VIAERO 12 FIBER	180'	
FT	PLACE VIAERO 2 CT FLAT DROP	2610'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	2	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
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- EXISTING STREET LIGHT
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- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

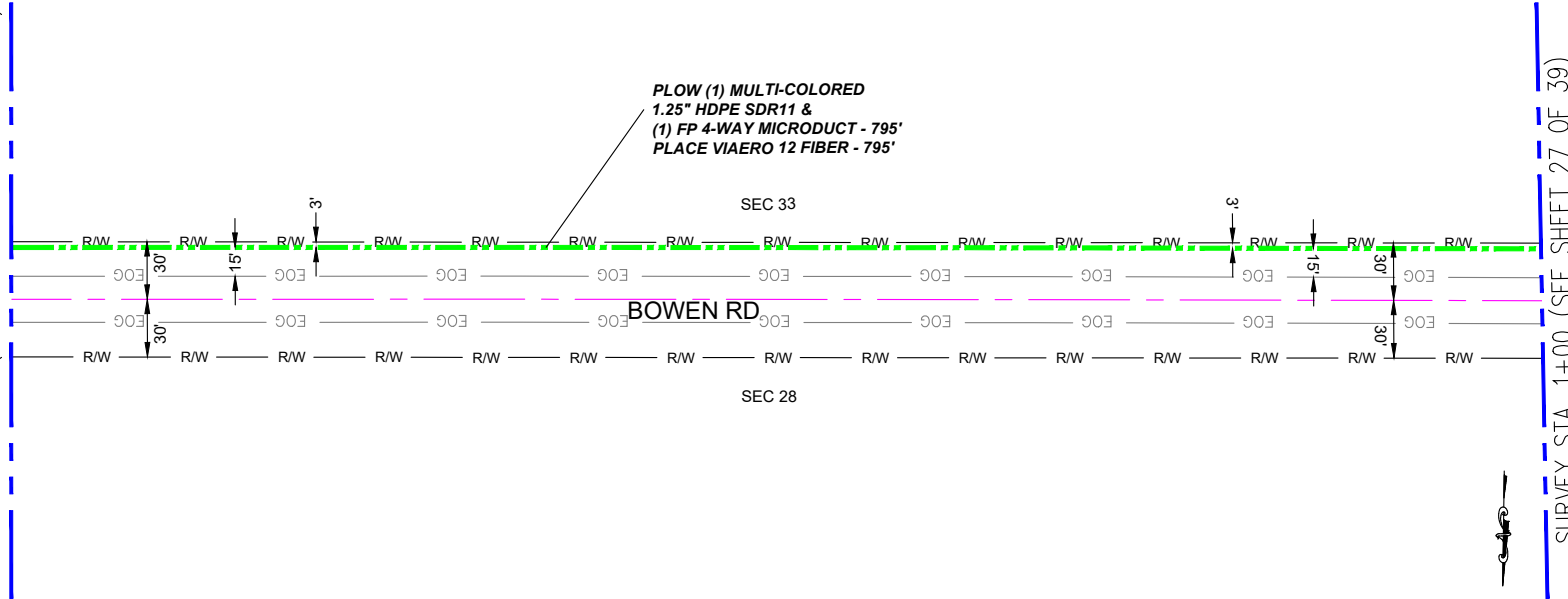
LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING

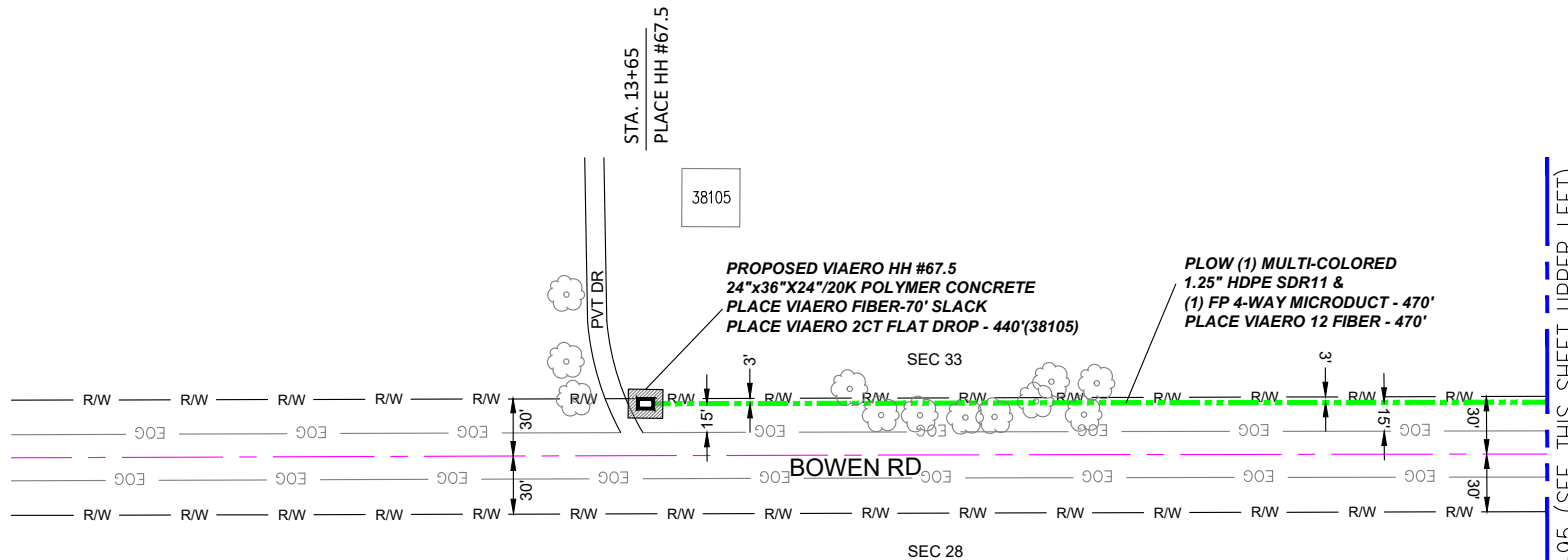


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SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	27 OF 39

SURVEY STA. 8+95 (SEE THIS SHEET LOWER RIGHT)



SURVEY STA. 1+00 (SEE SHEET 27 OF 39)



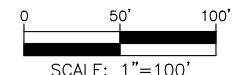
SURVEY STA. 8+95 (SEE THIS SHEET UPPER LEFT)

← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	1265'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	1265'	
FT	VIAERO 12 FIBER	1335'	
FT	VIAERO 2 CT FLAT DROP	440'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	0	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	1265'	
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" & (1) FP	0'	
FT	PLACE VIAERO 12 FIBER	1335'	
FT	PLACE VIAERO 2 CT FLAT DROP	440'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	0	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- X
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



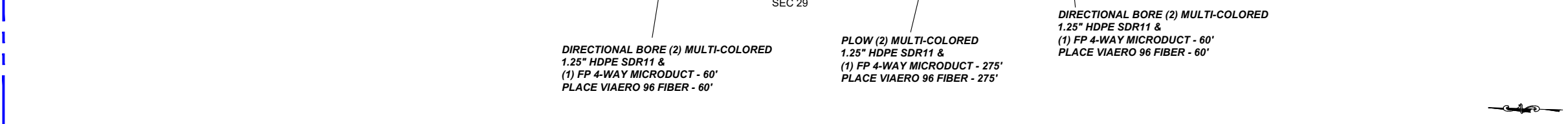
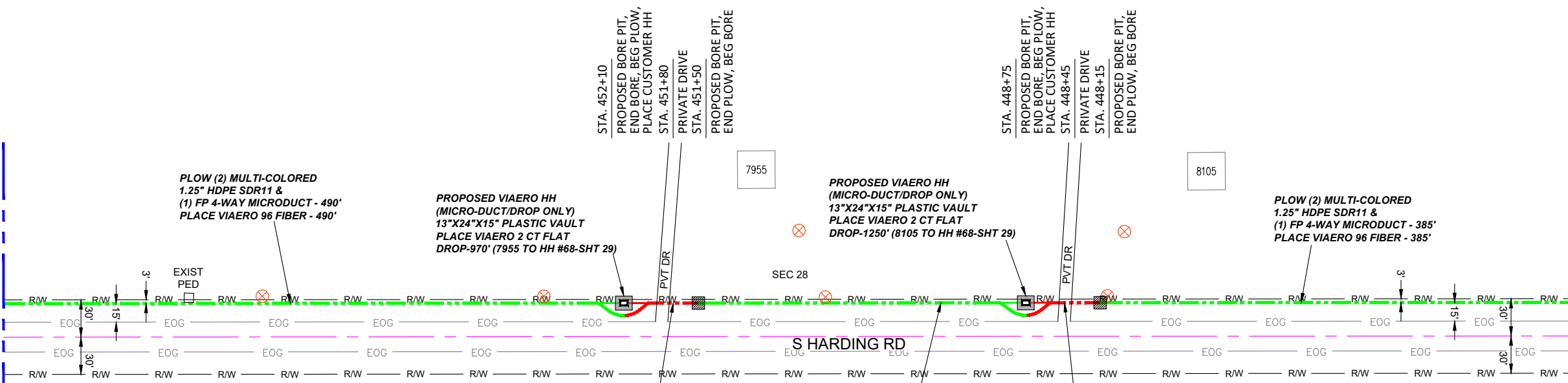
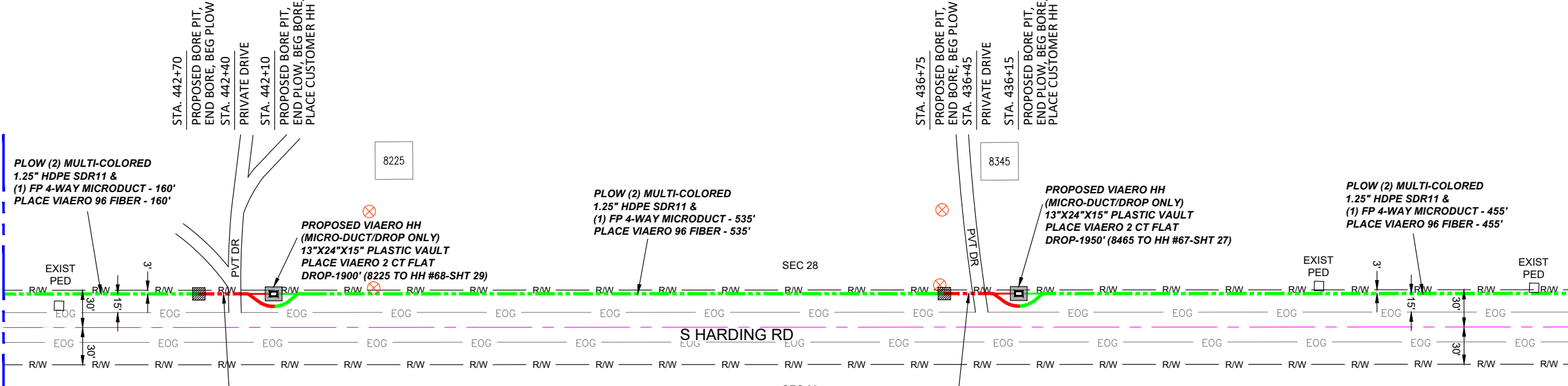
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DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	27A OF 39

SURVEY STA. 444+30 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 457+00 (SEE SHEET 29 OF 39)

SURVEY STA. 431+60 (SEE SHEET 27 OF 39)

SURVEY STA. 444+30 (SEE THIS SHEET UPPER LEFT)



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- EOG
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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SITE ADDRESS:
 RUSH TOWER DISTRIBUTION
 EL PASO COUNTY, CO
 T15S R60W

FILE NAME: EL PASO COUNTY
 01-39.dwg

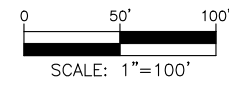
DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET

MAP: 28 OF 39

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 96 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	6070'	
EA	VIAERO 24"x36"x24"/20K HH	0	
EA	VIAERO 13"x24"x15" HH	4	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2300'	
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" & (1) FP	240'	
FT	PLACE VIAERO 96 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	6070'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	0	
EA	PLACE VIAERO 13"x24"x15" HH	4	

NOTE:
 PLACE CAUTION WARNING RIBBON
 1 FOOT ABOVE THE CABLE.



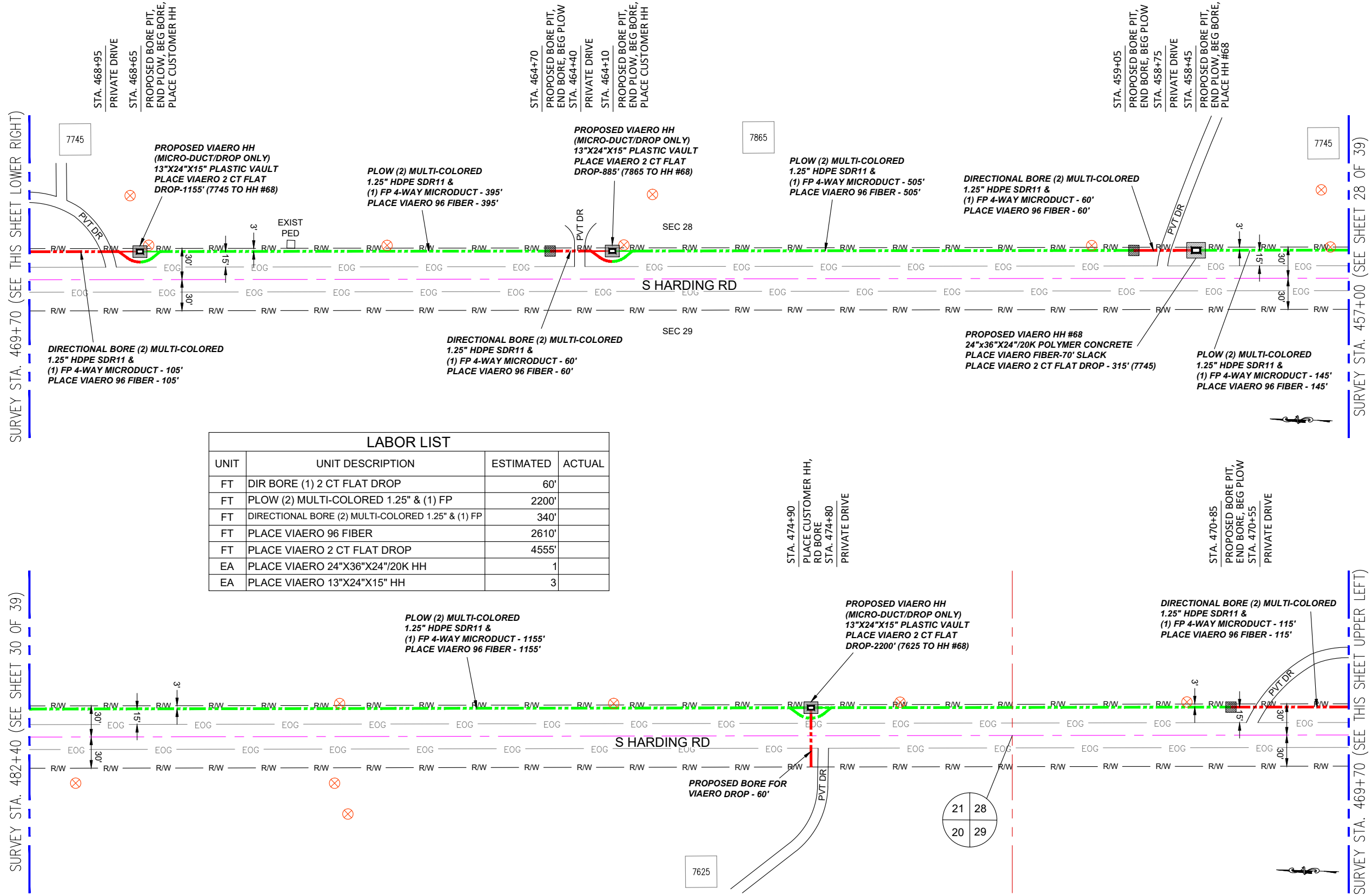
← DIRECTION OF ENGINEERING

SURVEY STA. 469+70 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 482+40 (SEE SHEET 30 OF 39)

SURVEY STA. 457+00 (SEE SHEET 28 OF 39)

SURVEY STA. 469+70 (SEE THIS SHEET UPPER LEFT)

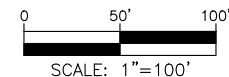


UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2200'	
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" & (1) FP	340'	
FT	PLACE VIAERO 96 FIBER	2610'	
FT	PLACE VIAERO 2 CT FLAT DROP	4555'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15" HH	3	

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 96 FIBER	2610'	
FT	VIAERO 2 CT FLAT DROP	4555'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	3	

← DIRECTION OF ENGINEERING

NOTE:
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1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

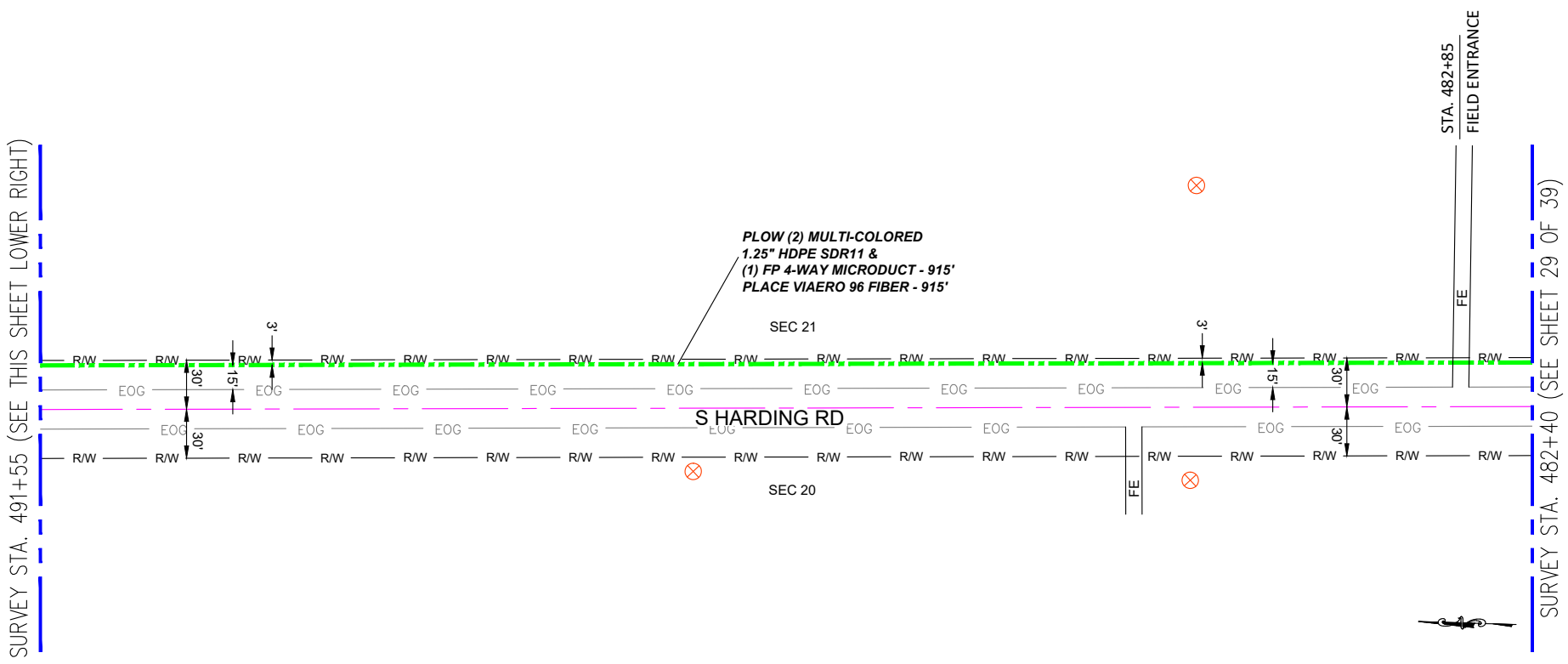
LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



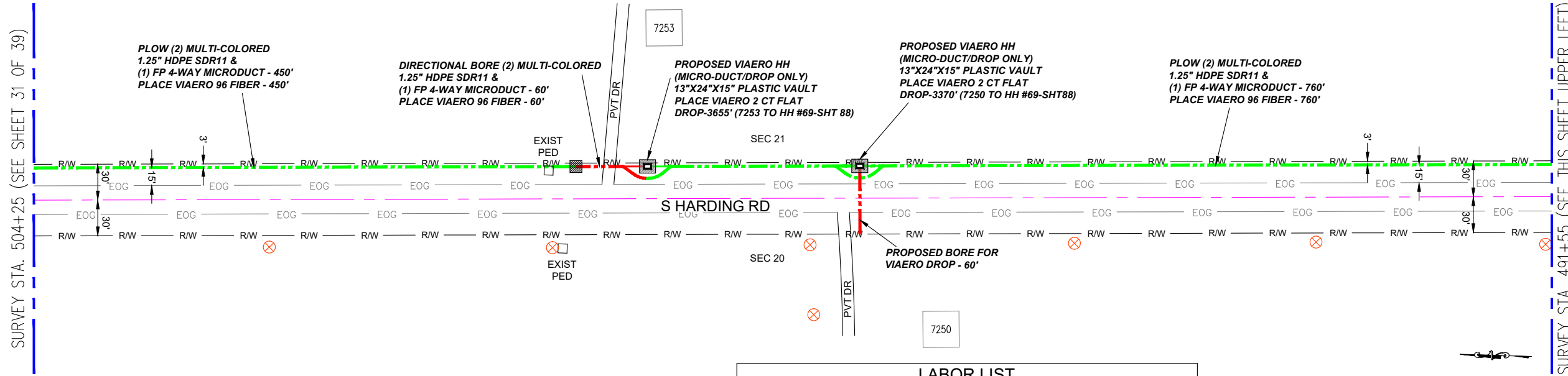
DATE CREATED:	9/21/2022
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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	29 OF 39

SURVEY STA. 491+55 (SEE THIS SHEET LOWER RIGHT)



SURVEY STA. 482+40 (SEE SHEET 29 OF 39)

SURVEY STA. 504+25 (SEE SHEET 31 OF 39)



SURVEY STA. 491+55 (SEE THIS SHEET UPPER LEFT)

LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

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- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



DATE CREATED: 9/21/2022
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 CHECKED BY: FEC
 APPROVED BY: _____

COMPANY: VIAERO FIBER NETWORKS, LLC

SITE ADDRESS: RUSH TOWER DISTRIBUTION
 EL PASO COUNTY, CO
 T15S R60W

FILE NAME: EL PASO COUNTY
 01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET

MAP: 30 OF 39

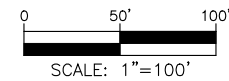
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2185'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2185'	
FT	VIAERO 96 FIBER	2185'	
FT	VIAERO 2 CT FLAT DROP	7025'	
EA	VIAERO 24"x36"x24"/20K HH	0	
EA	VIAERO 13"x24"x15" HH	2	

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2125'	
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" & (1) FP	60'	
FT	PLACE VIAERO 96 FIBER	2185'	
FT	PLACE VIAERO 2 CT FLAT DROP	7025'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	0	
EA	PLACE VIAERO 13"x24"x15" HH	2	

NOTE:
 PLACE CAUTION WARNING RIBBON
 1 FOOT ABOVE THE CABLE.



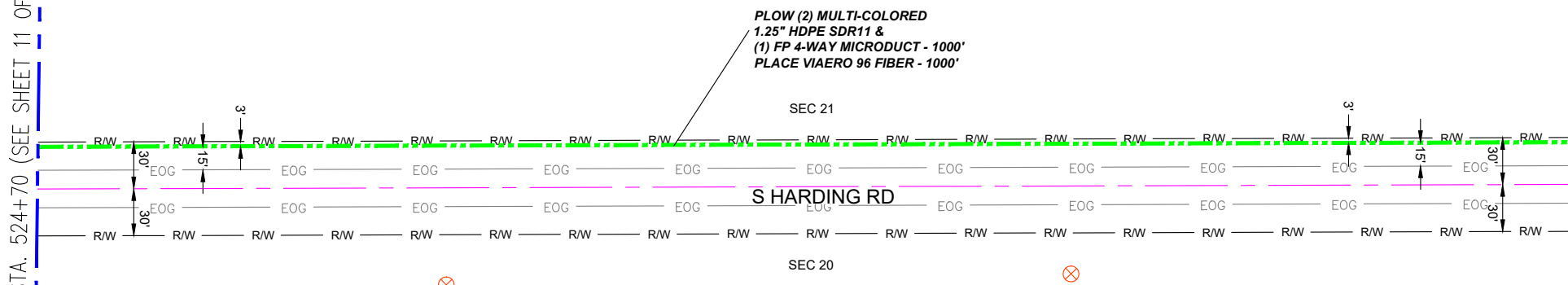
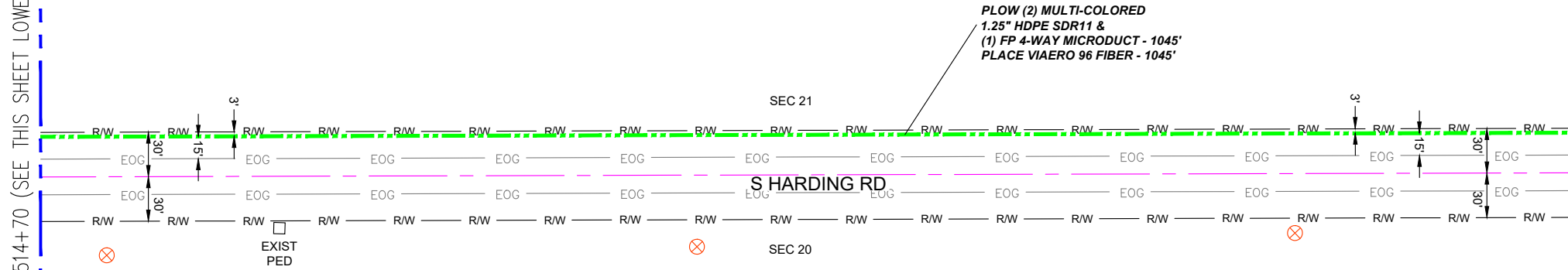
← DIRECTION OF ENGINEERING

SURVEY STA. 514+70 (SEE THIS SHEET LOWER RIGHT)

SURVEY STA. 524+70 (SEE SHEET 11 OF 39)

SURVEY STA. 504+25 (SEE SHEET 30 OF 39)

SURVEY STA. 514+70 (SEE THIS SHEET UPPER LEFT)

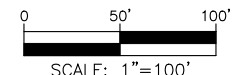


← DIRECTION OF ENGINEERING

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2045'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2045'	
FT	VIAERO 96 FIBER	2045'	
FT	VIAERO 2 CT FLAT DROP	0'	
EA	VIAERO 24"X36"X24"/20K HH	0	
EA	VIAERO 13"X24"X15" HH	0	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	PLOW (2) MULTI-COLORED 1.25" & (1) FP	2045'	
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25" & (1) FP	0'	
FT	PLACE VIAERO 96 FIBER	2045'	
FT	PLACE VIAERO 2 CT FLAT DROP	0'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	0	

NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOG
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



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SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	31 OF 39

PROJECT NOTES - EL PASO COUNTY

4.2 PLANNING

4.2.1 Rights of Utilities Section 38-5-101, Colorado Revised Statutes, authorizes the placement of utilities within the County's right-of-way. While the County is obligated to allow the public right-of-way to be used to provide development with sanitary and storm sewers, water mains and service lines, gas mains and service lines, electrical main lines and service lines, telephone cable lines and service lines, etc., the County must establish and enforce these Standards for design, installation, and maintenance of utilities and other facilities within the right-of-way. The County must enforce these Standards to protect the value and use of the right-of-way and roadways for transportation.

4.2.2 Use of Right-of-Way Policy

A. Coordination with Roadway Improvements Every attempt shall be made to coordinate proposed utility and facility installations with existing conditions and other proposed construction activities, such as utility main lines and service lines to all lots, tracts or parcels of land shall be placed prior to completion of roadways.

B. No Disturbance of Roadway Surface When roadway construction is completed, utility and facility placement shall not disturb the roadway surfaces, except for an emergency repair. Jacking or boring under the surface will be required for new utility placement in hard surfaced roadways. The size of disturbed area necessary to install a utility or facility shall be kept to a minimum.

C. Coordination with Other Utilities Each utility company or district must coordinate with the other utility companies in the location of its utility; that is, the companies shall mutually ascertain the most satisfactory location of their utility.

D. Impact Traffic Operations and Safety Accommodation of utilities and other facilities within the County's right-of-way shall not materially degrade or adversely affect traffic operations, safety, maintenance or the structural integrity of the roadway.

4.3.2 Damages Caused by Utility Installations Any damage to existing installations caused by the installation of utilities shall be repaired or replaced at the expense of the permit holder, contractor or utility company making the installation. Examples of existing installations include culverts damaged or cut, sidewalks cut or undermined, curbs or gutters cut or undermined, fencing cut or damaged, vegetation destroyed, hard surface cut or undermined.

2. Longitudinal Placement Longitudinal placement of underground utilities in the County's right-of-way shall comply with the typical utility locations shown in the utility Standard Drawing in Appendix F. When determining the planned longitudinal placements of utilities, the design engineer shall consider the roadway functional classification in the Major Transportation Corridors Plan to try to anticipate future roadway alterations and limit the need for relocation of utilities in the future.

3. Lateral Placement Lateral placement of underground utilities across a County right-of-way shall be as near a right angle to the road centerline as practicable. Utility crossings should avoid deep cuts, bridge footings and retaining walls, or locations where roadway drainage would be affected.

Cover and Separation Cover over underground utilities and the separation between underground utilities shall conform to applicable federal and state regulations

Logistical Planning

Logistical planning shall be coordinated with and approved by the ECM Administrator as part of an approved Work in the Right-of-Way Permit. Logistics plans shall include requirements for advance warning signs, directional signs, flagmen, lighting, and all such standard traffic control devices deemed necessary. Upon approval of the logistics and construction plans, implementation of logistics plans shall be complied with by the utility company performing the work to best guarantee the safety of the motorist, pedestrian, workers, and equipment.

C. Maintenance during Peak Traffic Periods

Utility construction maintenance activities on heavily traveled roadways are prohibited during the peak traffic volume periods. The ECM Administrator shall establish appropriate work hours for all projects. The closing of any lane to traffic shall have written approval from the ECM Administrator.

D. Alternative Installation Methods

1. Plowing Plowing of communication and electrical lines on or adjacent to existing roads by means of a vibratory plow may be allowed by the ECM Administrator provided the structural integrity of the roadway will not be impaired. Plowing may be no closer than 4 feet from the pavement. Use of a "static" type plow is not allowed.

2. Boring Boring may be required for pipelines or conduits to cross roads, instead of trenching, as directed by the ECM Administrator. If sufficient right-of-way exists, the length of the bore shall extend a minimum of 4 feet from the edge of the pavement. Unused holes or abandoned casings shall be backfilled. Water boring under roadways shall not be permitted. Existing carriers and conduit installed under a roadway shall be physically located prior to boring.

B. Placement of Utility Features Utility features, such as manholes or access panels, shall not be placed within the roadway portion of the structure.

2. Traffic Control

Construction activities shall not interfere with traffic on the adjacent roadways. If interference with traffic is required, a traffic control plan shall be submitted and approved by the ECM Administrator as part of the Construction Permit application. All traffic control shall conform to MUTCD standards.

3. Signed by Applicant

All applications for Construction Permit shall be signed by the applicant, or an authorized agent, who may be required to submit evidence to indicate their authority.

4. Determination of Application Completeness

An application will be considered complete if it is submitted in the required form, including all mandatory information and supporting materials specified by the ECM Administrator, and is accompanied by the applicable fee. If an application is determined to be incomplete, the ECM Administrator shall provide notice to the applicant along with an explanation of the application's deficiencies. No further processing of the application shall occur until the deficiencies are corrected in the resubmittal. An application which is determined to be incomplete may or may not retain its same processing cycle.

F. Preconstruction Meeting

The ECM Administrator may require a preconstruction meeting prior to issuing a Notice to Proceed. The ECM Administrator shall specify in the approved permit whether or not a preconstruction meeting is required and who is required to attend. The applicant is responsible for scheduling the meeting with the ECM Administrator.

LEGEND

	STREET SIGN
	FIRE HYDRANT
	WATER METER
	GAS METER
	ELECTRIC METER
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	UTILITY POLE
	UTILITY MANHOLE
	EXISTING STORM MANHOLE
	EXISTING STREET LIGHT
	EXISTING UTILITY HANDHOLE
	ELECTRICAL/UTILITY CABINET
	TELEPHONE PED - CROSS BOX
	PROPOSED VIAERO MANHOLE
	PROPOSED VIAERO HANDHOLE
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	EXISTING POLE CELL TOWER

LINETYPES

	CONDUIT-NOT IN CONTRACT
	CONDUIT-PLOW
	CONDUIT-TRENCH
	CONDUIT-DIRECTIONAL BORE
	RIGHT-OF-WAY
	EDGE OF ASPHALT
	EDGE OF GRAVEL
	EDGE OF SIDEWALK
	WIRE FENCE-EXISTING
	WOOD FENCE-EXISTING
	GUARD RAIL-EXISTING
	RAILROAD-EXISTING
	GAS-EXISTING
	UNDERGROUND ELECTRIC-EXISTING
	OVERHEAD ELECTRIC-EXISTING
	BURIED FIBER-EXISTING
	TELEPHONE-EXISTING
	STORM SEWER-EXISTING
	SANITARY SEWER-EXISTING
	STREAM
	WATER-EXISTING
	BUILDING-EXISTING



DATE CREATED: 9/21/2022

DATE REVISED: 11/8/2022

DATE PLOTTED: 11/8/2022

DRAWN BY: FEC

CHECKED BY: FEC

APPROVED BY: _____

COMPANY:
VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:
EL PASO COUNTY
COLORADO

FILE NAME: EL PASO COUNTY
01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS
PROJECT NOTES

MAP: 32 OF 39

PROJECT NOTES - EL PASO COUNTY (CONT.)

H. Change in Approved Plan

The approved plans and specifications shall not be changed, modified, or altered without written authorization from the ECM Administrator. All work shall be done in conformance with the approved permit, plans, specifications, and these Standards.

I. Approved Plans and Copy of ECM at Work Site

One set of approved plans, a copy of the Construction Permit and any conditions of approval, and a copy of the ECM shall be maintained at the work site at all times during construction activities.

5.3.9 Construction Permit Suspension or Revocation

The ECM Administrator may suspend or revoke any Construction Permit, in writing, issued under the provisions of these Standards whenever the Construction Permit is issued in error or on the basis of incorrect information supplied by the applicant or whenever the permit may have been issued in violation of any provision of these Standards. In the event a permit is suspended or revoked, no refund of permit fees shall be made unless the permit was issued by the ECM Administrator in error.

5.3.12 County Inspections

A. General Requirements

All work performed under a Construction Permit shall be subject to inspection by the ECM Administrator. The permit holder shall notify the ECM Administrator when work is ready for inspection. The ECM Administrator shall require that every request for inspection be filed at least 48 hours before the inspection is desired. The request may be in writing, email or by telephone. It is understood that in some cases it may not be possible to give 48 hours notice. However, every attempt shall be made to provide the ECM Administrator with at least 48 hours notice. Where the ECM Administrator determines that a permit holder consistently fails to provide adequate notice, the ECM Administrator may issue a stop work order or suspend the permit. It shall be the responsibility of the permit holder to provide access to and means for proper inspection of all regulated construction activities.

5.3.14 Insurance

Before any permit holder shall perform work under a Construction Permit, the permit holder shall show evidence of a valid and enforceable bodily injury and property damage liability insurance policy, with minimum limits of \$1,000,000.00 combined single limit coverage. Such policy shall be for the protection of the County from all suits, actions or claims of any type for injuries or damages allegedly sustained by any person or property as a result of the operations or completed operations of the work. Such policy shall specifically cover the acts and operations of any subcontractors or independent contractors of the permit holder, in addition to the permit holder's employees or agents. In addition to the insurance described above, the permit holder personally, by obtaining an approved Construction Permit, agrees to be liable to the County for any expenses incurred by the County because of the permit holder's acts of omissions relating to the work, and the permit holder shall hold the County harmless from any claims of anyone else arising from or relating to the work.

G. Final Acceptance, Inspection and Release of Defect Warranty

1. General

The permit holder seeking final acceptance shall notify the ECM Administrator to schedule a final walk-through inspection at least 30 days and no more than 90 days before the end of the defect warranty period. The final walk-through inspection shall include the permit holder (or representative), the construction representative (if different than the permit holder representative), and the ECM Administrator. The ECM Administrator may invite additional County or outside agency representatives. The ECM Administrator will generate a punch list of items for repair or correction. Once all items identified on the punch list have been repaired or corrected to the satisfaction of the ECM Administrator and the ECM Administrator determines that the installed improvements meet all applicable Standards, the ECM Administrator shall prepare and schedule final acceptance documents for public improvements for Board of County Commissioner hearing and approval. The defect warranty may be released by the ECM Administrator upon action of the BOCC to accept the public improvements.

2. Final Acceptance Certification

Prior to scheduling final acceptance for BOCC approval, the final punch list certification shall be signed by the ECM Administrator, construction representative, and permit holder stating that all items identified in the punch list have been repaired, corrected or completed.

5.5 WORK IN THE RIGHT-OF-WAY PERMIT

5.5.1 General

The County holds public right-of-way and easement as an asset in trust for its citizens and manages the use of the right-of-way and other uses for public purposes, including use by public utilities pursuant to Section 38-5-101 of the Colorado Revised Statutes. To provide for the health, safety and welfare of its citizens and to ensure the structural integrity of its roads and the appropriate use of right-of-way, the County strives to keep its right-of-way in a state of good repair and free from unnecessary encumbrances. The Work in the Right-of-Way Permit is a tool to help regulate obstructions of, excavations in, and the use of the County's right-of-way and easements by, among other things, granting a permit holder authority to obstruct, excavate, or install facilities within the right-of-way or easement, and provide for the subsequent restoration of the County's right-of-way, easement, and public improvements located therein.

5.5.2 Work in the Right-of-Way Permit and Notice to Proceed Required

A. General Requirements

A Work in the Right-of-Way Permit is required for obstructing or excavating within any public right-of-way or easement, and for encroaching upon any County right-of-way or easement. No person may obstruct or excavate any right-of-way or easement, or encroach upon any County right-of-way or easement without first having obtained the appropriate Work in the Right-of-Way Permit from the ECM Administrator. In addition, no person may excavate or obstruct the right-of-way or easement beyond the date or dates specified in the permit unless: (1) the person requests a permit extension before the expiration of the initial permit, and (2) a new permit or permit extension is granted. No work shall begin until a Work in the Right-of-Way Permit has been issued.

LEGEND	
	STREET SIGN
	FIRE HYDRANT
	WATER METER
	GAS METER
	ELECTRIC METER
	UTILITY VALVE
	UTILITY POLE
	UTILITY MANHOLE
	EXISTING STORM MANHOLE
	EXISTING STREET LIGHT
	EXISTING UTILITY HANDHOLE
	ELECTRICAL/UTILITY CABINET
	TELEPHONE PED - CROSS BOX
	PROPOSED VIAERO MANHOLE
	PROPOSED VIAERO HANDHOLE
	STORM INLET
	STORM GRATE
	CULVERT
	TREE
	BORE PIT
	EXISTING WELL
	EXISTING LANDSCAPE AREA
	EXISTING POLE CELL TOWER

LINETYPES	
	CONDUIT-NOT IN CONTRACT
	CONDUIT-PLOW
	CONDUIT-TRENCH
	CONDUIT-DIRECTIONAL BORE
	R/W
	EOP
	EDG
	EDGE OF ASPHALT
	EDGE OF GRAVEL
	EDGE OF SIDEWALK
	WIRE FENCE-EXISTING
	WOOD FENCE-EXISTING
	GUARD RAIL-EXISTING
	RAILROAD-EXISTING
	GAS-EXISTING
	UNDERGROUND ELECTRIC-EXISTING
	OVERHEAD ELECTRIC-EXISTING
	BURIED FIBER-EXISTING
	TELEPHONE-EXISTING
	STORM SEWER-EXISTING
	SANITARY SEWER-EXISTING
	STREAM
	WATER-EXISTING
	BUILDING-EXISTING



DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	_____
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	EL PASO COUNTY COLORADO
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT NOTES
MAP:	33 OF 39

PROJECT NOTES - EL PASO COUNTY (CONT.)

B. Work in the Right-of-Way Permit Types

1. Excavation in the Right-of-Way

A Work in the Right-of-Way Permit is required to excavate that part of the right-of-way described in the permit to the extent and for the duration specified in the permit including, but not limited to: • Grade, trench, cut, or change the elevation of the surface of a County right-of-way or easement including any road, drainageway, ditch, drainage facility, and reservoir/catch basin or drainage structure located within a County right-of-way or easement.

2. Temporary Obstruction of the Right-of-Way

A Work in the Right-of-Way Permit is required to hinder free and open passage over a specified portion of right-of-way by placing equipment or materials in the right-of-way or conducting an approved activity within the right-of-way for the duration specified therein including, but not limited to: • Place within a County right-of-way or easement any rubbish, brush, earth, or other material of any nature whatsoever; • Place any equipment, barrier, sign, detour, post or bollard so as to change the flow of vehicular or pedestrian traffic in a County right-of-way or easement.

3. Encroachment in the Right-of-Way

A Work in the Right-of-Way Permit is required to locate, erect or maintain any structure, including but not limited to driveway monuments, flag, banner, post, sign, pole, fence, guardrail, wall, loading platform, gang mailbox, pipe, drainage ditch or facility, conduit, irrigation facility, utility, or wire on, over, or under a County right-of-way or easement. All Work in the Right-of-Way Permits for encroachments shall require the owner of the encroachment to fulfill the registrant requirements of Section 5.5.8 and file an Encroachment Removal Agreement.

4. Annual Maintenance Permit

This permit is approved by the El Paso County Board of County Commissioners. The following conditions apply:

- The Annual Maintenance Permit is for maintenance of existing utilities requiring only access to vaults, cabinets, manholes, etc.
- No excavation is permitted

H. Change in Approved Plan

The approved plans and specifications shall not be changed, modified, or altered without written authorization from the ECM Administrator. All work shall be done in conformance with the approved permit, plans, specifications, and these Standards.

I. Approved Plans at Work Site

One set of approved plans, a copy of the Work in the Right-of-Way Permit and any conditions of approval shall be maintained at the work site at all times during the progress of the work or activity.

K. Utility Locates

The permit holder shall be responsible for contacting the Utility Notification Center of Colorado for utility locates at least 48 hours in advance of the work that requires the ground to be disturbed.

O. Right-of-Way Patching and Restoration

1. General

The work to be done under the Work in the Right-of-Way Permit, and the required patching and restoration of the County's right-of-way must be completed within the dates specified in the permit, increased by as many days as work could not be done because of circumstances constituting force majeure or when work was prohibited as unseasonal or unreasonable. In addition to patching their work, the permit holder must restore the general area of the work, and the surrounding areas, including the paving and its foundations, to the same condition that existed before the commencement of the work.

2. Patching and Restoration Methods

The permit holder shall perform excavation, backfilling, patching and restoration according to the Standards and with the materials specified by the ECM Administrator. The ECM Administrator shall have the authority to prescribe the manner and extent of the restoration in written procedures of general application or on a case-by-case basis. Methods of restoration may include, but are not limited to, patching, replacement of the base, and milling and overlay of the affected area of the County roadway. The permit holder shall at the time of application of permit post construction surety when required by the ECM Administrator.

5.5.9 Insurance, Bonding, Construction Surety and Warranty Requirements

A. Permit Holder Insurance

Before any permit holder shall perform work within the County's right-of-way under a Work in the Right-of-Way Permit, the permit holder shall show evidence of a valid and enforceable bodily injury and property damage liability insurance policy, with minimum limits of \$1,000,000.00 combined single limit coverage. Such policy shall be for the protection of the County from all suits, actions or claims of any type for injuries or damages allegedly sustained by any person or property as a result of the encroachments. Such policy shall specifically cover the acts and operations of any subcontractors or independent contractors of the permit holder, in addition to the permit holder's employees or agents. Special districts, utilities governed by State Public Utilities Commission, and municipalities, by obtaining a permit, do agree to accept liabilities for their work in the County's right-of-way. In addition to the insurance described above, the permit holder personally, by working under an approved Work in the Right-of-Way Permit, agrees to be liable to the County for any expenses incurred by the County because of the permit holder's acts of omissions relating to the work, and the permit holder shall hold the County harmless from any claims of anyone else arising from or relating to the work.

B. Indemnification and Liability

By accepting a Work in the Right-of-Way Permit, a permit holder agrees to defend and indemnify the County in accordance with Section 5.2.6.

C. Defect Warranty

The permit holder shall warrantee all restoration work and its maintenance for 2 years following its completion and approval by the ECM Administrator. The permit holder shall post a defect warranty prior to the release of any portion of the construction surety. The amount of the defect warranty shall be based on an estimate of the percentage cost of roads construction, drainage facilities construction, utilities, and erosion control and revegetation damaged by the action. During the 2 year warrantee period the permit holder shall, upon notification from the ECM Administrator, correct all defective restoration to the extent necessary within the time period specified in the notice, using the method required by the ECM Administrator. If the defective work is not corrected by the permit holder, and the County does the work and sends a bill to the permit holder, who fails to pay for such work, the County may exercise its rights under the defect warranty. The following are exempt from having to file a defect warranty: special districts, utilities governed by the State Public Utilities Commission, and municipalities.

LEGEND

	STREET SIGN
	FIRE HYDRANT
	WATER METER
	GAS METER
	ELECTRIC METER
	UTILITY VALVE
	UTILITY POLE
	UTILITY MANHOLE
	EXISTING STORM MANHOLE
	EXISTING STREET LIGHT
	EXISTING UTILITY HANDHOLE
	ELECTRICAL/UTILITY CABINET
	TELEPHONE PED - CROSS BOX
	PROPOSED VIAERO MANHOLE
	PROPOSED VIAERO HANDHOLE
	STORM INLET
	STORM GRATE
	CULVERT
	TREE
	BORE PIT
	EXISTING WELL
	EXISTING LANDSCAPE AREA
	EXISTING POLE CELL TOWER

LINETYPES

	CONDUIT-NOT IN CONTRACT
	CONDUIT-PLOW
	CONDUIT-TRENCH
	CONDUIT-DIRECTIONAL BORE
	RIGHT-OF-WAY
	EDGE OF ASPHALT
	EDGE OF GRAVEL
	EDGE OF SIDEWALK
	WIRE FENCE-EXISTING
	WOOD FENCE-EXISTING
	GUARD RAIL-EXISTING
	RAILROAD-EXISTING
	GAS-EXISTING
	UNDERGROUND ELECTRIC-EXISTING
	OVERHEAD ELECTRIC-EXISTING
	BURIED FIBER-EXISTING
	TELEPHONE-EXISTING
	STORM SEWER-EXISTING
	SANITARY SEWER-EXISTING
	STREAM
	WATER-EXISTING
	BUILDING-EXISTING



DATE CREATED: 9/21/2022

DATE REVISED: 11/8/2022

DATE PLOTTED: 11/8/2022

DRAWN BY: FEC

CHECKED BY: FEC

APPROVED BY: _____

COMPANY:
VIAERO FIBER NETWORKS, LLC

SITE ADDRESS:
EL PASO COUNTY
COLORADO

FILE NAME: EL PASO COUNTY
01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS
PROJECT NOTES

MAP: 34 OF 39

PROJECT NOTES - EL PASO COUNTY (CONT.)

5.5.10 Inspections, Corrections and Project Closeout

A. Progress Inspections and Orders

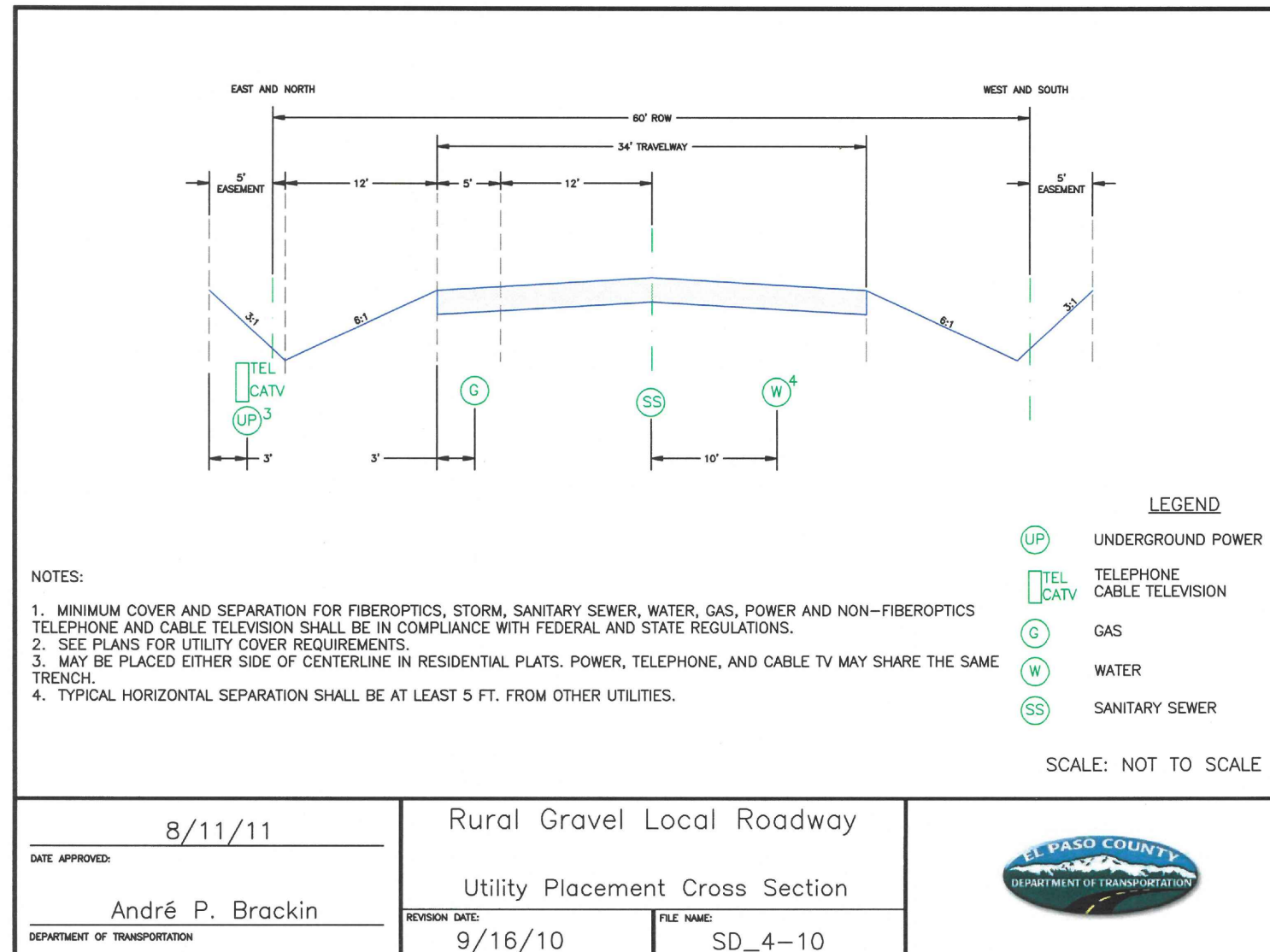
Inspections during the construction period will be made by the ECM Administrator to ensure that work is progressing in compliance with the permit and ECM. The permit holder shall make the work-site available to the ECM Administrator and to all others as authorized by law for inspection at all reasonable times during the execution and upon completion of the work. At the time of inspection the ECM Administrator may order the immediate cessation of any work which poses a serious threat to the life, health, safety or well-being of the public. The ECM Administrator may issue an order to the permit holder for any work which does not conform to the applicable standards, approved plans and specifications, or permit conditions. The order shall state that failure to correct the violation will be cause for revocation of the permit. Within 10 days after issuance of the order, the permit holder shall present proof to the ECM Administrator that the violation has been corrected. If such proof has not been presented within the required time, the ECM Administrator may revoke the permit.

B. Inspection Before Pavement Placement

Before a pavement section is replaced (patched) the contractor shall notify the ECM Administrator as to the date such work is proposed. Failure to notify the ECM Administrator may result in a request to have work re-done in order to pass a final inspection.

C. Completion Certificate and Project Closeout

When the work under a Work in the Right-of-Way Permit is completed, the permit holder shall submit a completion certificate to the ECM Administrator within 5 days following completion. The completion statement, signed by the permit holder, shall show the completion date for the work performed, identify the installer and design engineer, and certify that the work was completed according to the requirements of the ECM Administrator. If the work involved the placement of any permanent facilities, record drawings meeting the requirements of Section 5.11.6 shall be submitted.



LEGEND	
	STREET SIGN
	FIRE HYDRANT
	WATER METER
	GAS METER
	ELECTRIC METER
	UTILITY VALVE
	UTILITY POLE
	UTILITY MANHOLE
	EXISTING STORM MANHOLE
	EXISTING STREET LIGHT
	EXISTING UTILITY HANDHOLE
	ELECTRICAL/UTILITY CABINET
	TELEPHONE PED - CROSS BOX
	PROPOSED VIAERO MANHOLE
	PROPOSED VIAERO HANDHOLE
	STORM INLET
	STORM GRATE
	CULVERT
	TREE
	BORE PIT
	EXISTING WELL
	EXISTING LANDSCAPE AREA
	EXISTING POLE CELL TOWER

LINETYPES	
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	CONDUIT-PLOW
	CONDUIT-TRENCH
	CONDUIT-DIRECTIONAL BORE
	RIGHT-OF-WAY
	EDGE OF ASPHALT
	EDGE OF GRAVEL
	EDGE OF SIDEWALK
	WIRE FENCE-EXISTING
	WOOD FENCE-EXISTING
	GUARD RAIL-EXISTING
	RAILROAD-EXISTING
	GAS-EXISTING
	UNDERGROUND ELECTRIC-EXISTING
	OVERHEAD ELECTRIC-EXISTING
	BURIED FIBER-EXISTING
	TELEPHONE-EXISTING
	STORM SEWER-EXISTING
	SANITARY SEWER-EXISTING
	STREAM
	WATER-EXISTING
	BUILDING-EXISTING



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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	EL PASO COUNTY COLORADO
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT NOTES
MAP:	35 OF 39

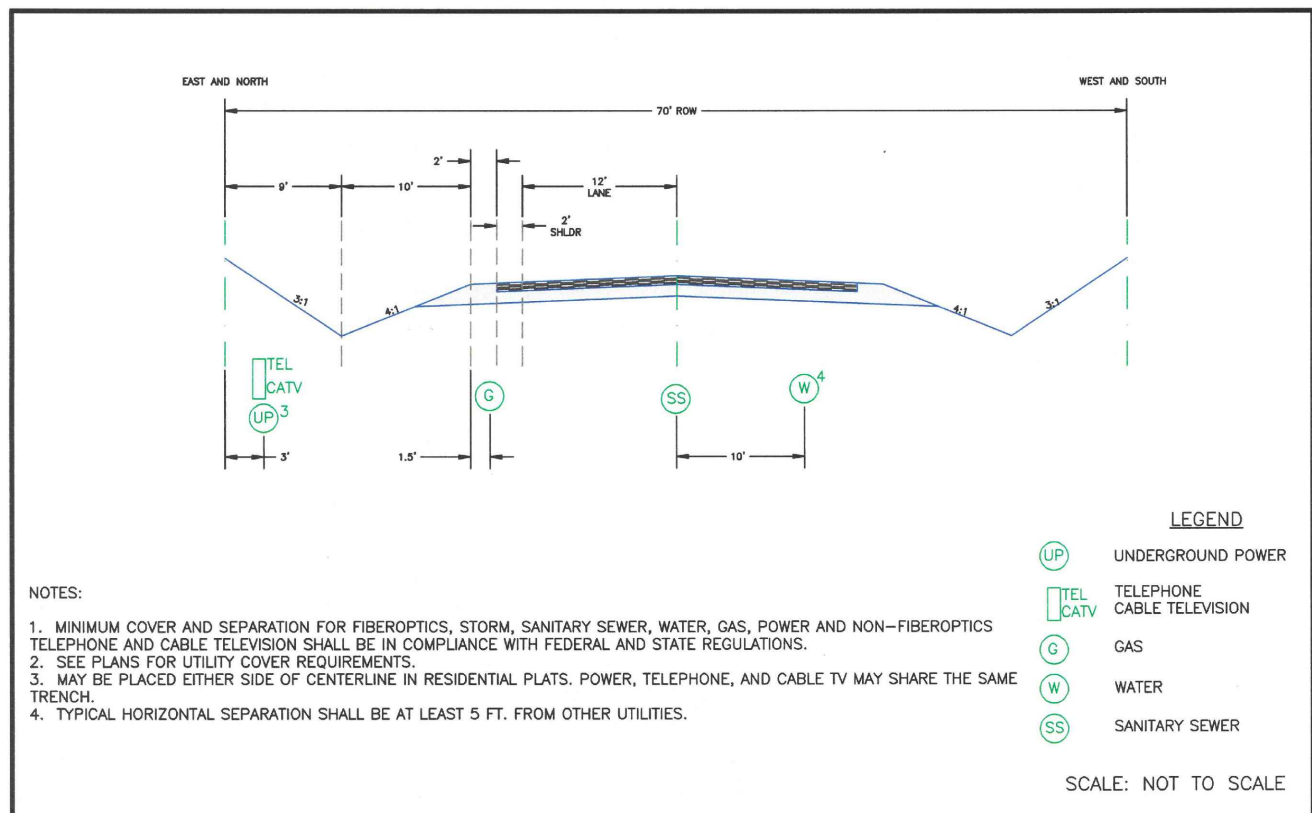
PROJECT NOTES - EL PASO COUNTY (CONT.)

LEGEND	
	STREET SIGN
	FIRE HYDRANT
	WATER METER
	GAS METER
	ELECTRIC METER
	UTILITY VALVE
	UTILITY POLE
	UTILITY MANHOLE
	EXISTING STORM MANHOLE
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	EDGE OF ASPHALT
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	GAS-EXISTING
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	BURIED FIBER-EXISTING
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SITE ADDRESS:	EL PASO COUNTY COLORADO
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT NOTES
MAP:	36 OF 39

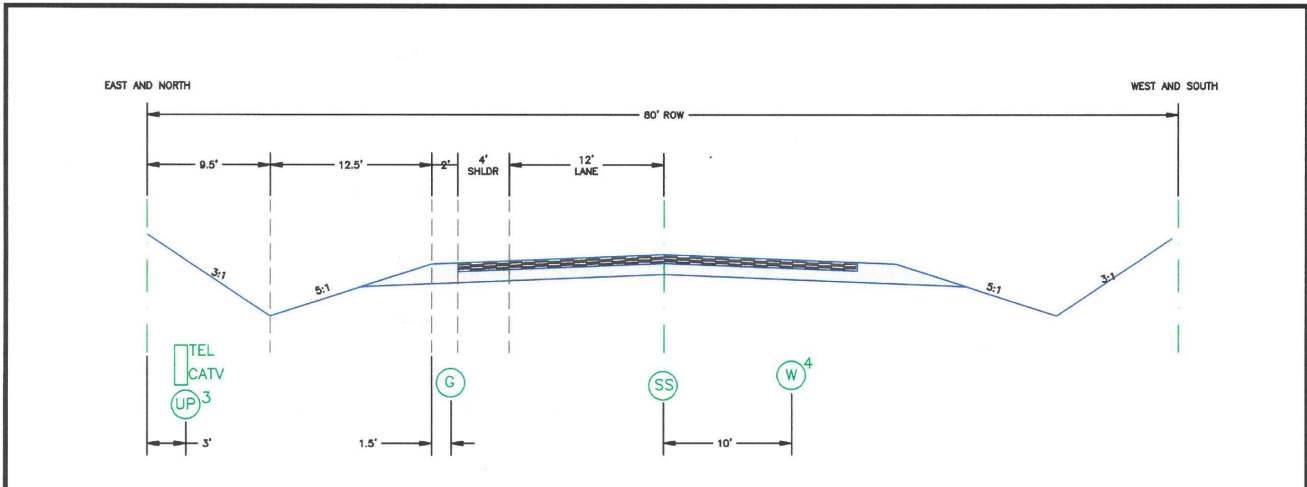


LEGEND	
	UNDERGROUND POWER
	TELEPHONE CABLE TELEVISION
	GAS
	WATER
	SANITARY SEWER

SCALE: NOT TO SCALE

- NOTES:
1. MINIMUM COVER AND SEPARATION FOR FIBEROPTICS, STORM, SANITARY SEWER, WATER, GAS, POWER AND NON-FIBEROPTICS TELEPHONE AND CABLE TELEVISION SHALL BE IN COMPLIANCE WITH FEDERAL AND STATE REGULATIONS.
 2. SEE PLANS FOR UTILITY COVER REQUIREMENTS.
 3. MAY BE PLACED EITHER SIDE OF CENTERLINE IN RESIDENTIAL PLATS. POWER, TELEPHONE, AND CABLE TV MAY SHARE THE SAME TRENCH.
 4. TYPICAL HORIZONTAL SEPARATION SHALL BE AT LEAST 5 FT. FROM OTHER UTILITIES.

DATE APPROVED: 8/11/11 André P. Brackin DEPARTMENT OF TRANSPORTATION	Rural Local Roadway Utility Placement Cross Section REVISION DATE: 9/16/10 FILE NAME: SD_4-11	
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LEGEND	
	UNDERGROUND POWER
	TELEPHONE CABLE TELEVISION
	GAS
	WATER
	SANITARY SEWER

SCALE: NOT TO SCALE

- NOTES:
1. MINIMUM COVER AND SEPARATION FOR FIBEROPTICS, STORM, SANITARY SEWER, WATER, GAS, POWER AND NON-FIBEROPTICS TELEPHONE AND CABLE TELEVISION SHALL BE IN COMPLIANCE WITH FEDERAL AND STATE REGULATIONS.
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 4. TYPICAL SEPARATION SHALL BE AT LEAST 5 FT. FROM OTHER UTILITIES.

DATE APPROVED: 8/11/11 André P. Brackin DEPARTMENT OF TRANSPORTATION	Rural Minor Collector Roadway Utility Placement Cross Section REVISION DATE: 9/16/10 FILE NAME: SD_4-12	
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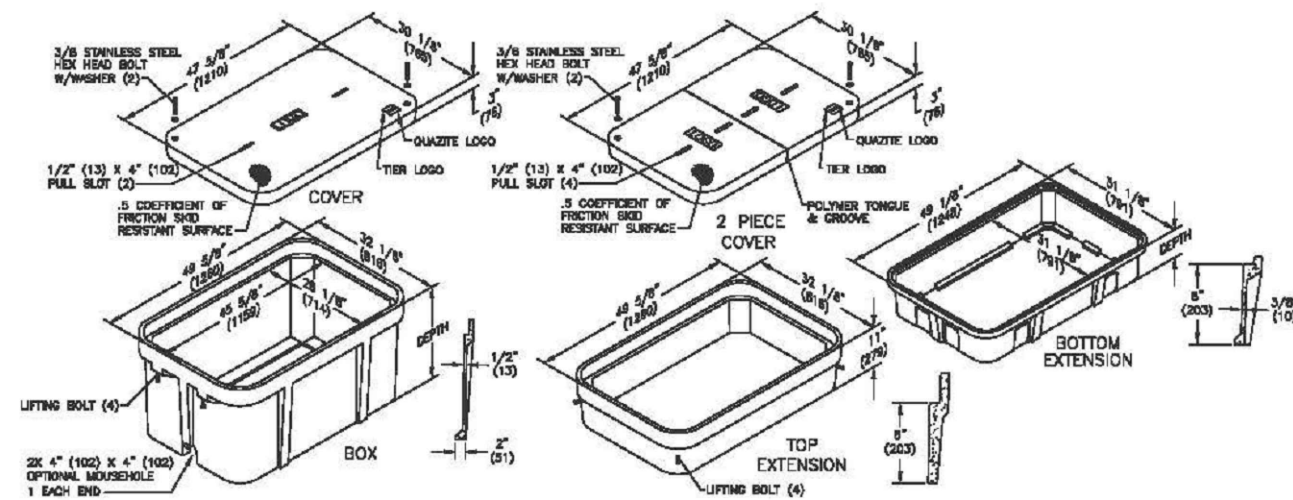
PROJECT DETAILS



Dimensions / Data

30"x 48" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Dimensions / Data 30"x 48" PG Style Polymer Concrete (Stackable) Assembly (Continued)

Hex Head Bolts are Standard

Boxes (Box depths 24" thru 48" must be used as bottom of any stack)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD#	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	18"		22,500 / 33,750	185	4	PG3048BA18
	24"	22	22,500 / 33,750	236	3	PG3048BA24
	36"		22,500 / 33,750	343	2	PG3048BA36
	48"		22,500 / 33,750	450	1	PG3048BA48
Solid Bottom	18 1/2"		22,500 / 33,750	220	4	PG3048DA18
	24 1/2"	22	22,500 / 33,750	287	3	PG3048DA24
	36 1/2"		22,500 / 33,750	394	2	PG3048DA36
	48"		22,500 / 33,750	501	1	PG3048DA48

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD#	WEIGHT #	PALLET QTY	PART NO.
W/2 Bolts	8	8,000 / 12,000	159	10	PG3048CA00**
2 piece w/2 Bolts	8	8,000 / 12,000	181	10	PG3048CS00**
W/2 Bolts	15	15,000 / 22,500	206	10	PG3048HA00**
2 piece w/2 Bolts	15	15,000 / 22,500	206	10	PG3048HS00**
W/2 Bolts	22	22,500 / 33,750	220	10	PG3048HH00**
2 piece w/2 Bolts	22	22,500 / 33,750	202	10	PG3048HS10**
No Bolts	8	8,000 / 12,000	159	10	PG3048WA00**

To order gasketed covers, replace the letter "A" with the letter "G".
 Replace ** with a logo code found on page 62. See page 68 for meter and touch/radio read cover options.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.
 Available with EZ Locate. See page 67 for more information.

Top Extension

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD#	WEIGHT #	PALLET QTY	PART NO.
Open bottom	11"	22	22,500 / 33,750	100	8	PG3048EA11

Bottom Extensions (for use under 18" box only, one per box)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Open bottom	8 3/4"	22	22,500 / 33,750	102	8	PG3048EA08
Solid bottom	9 1/4"	22	22,500 / 33,750	151	8	PG3048RA08

LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
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- PROPOSED VIAERO HANDHOLE
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- EXISTING LANDSCAPE AREA
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- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING



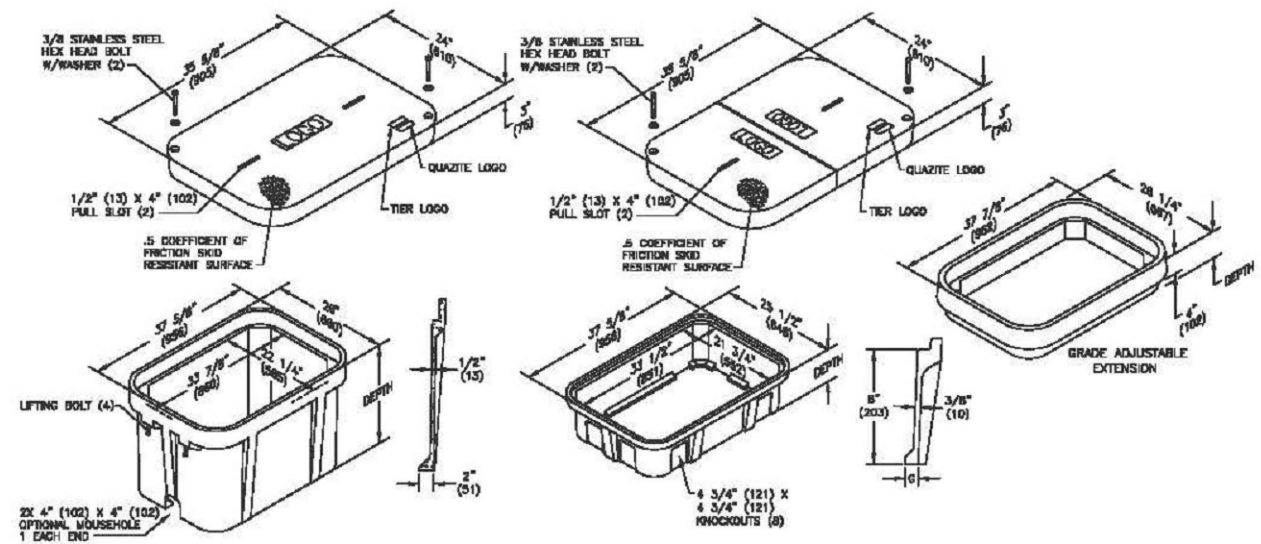
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SITE ADDRESS:	EL PASO COUNTY COLORADO
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT DETAILS
MAP:	37 OF 39

PROJECT DETAILS



24" x 36" PG Style Polymer Concrete (Stackable) Assembly Dimensions / Data

Hex Head Bolts are Standard



24" x 36" PG Style Polymer Concrete (Stackable) Assembly Dimensions / Data

Hex Head Bolts are Standard

Boxes (box depths 24" thru 42" must be used as bottom of any stack)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	18"	22	22,500 / 33,750	141	4	PG2436BA18
	24"		22,500 / 33,750	180	3	PG2436BA24
	30"		22,500 / 33,750	196	2	PG2436BA30
	36"		22,500 / 33,750	254	2	PG2436BA36
	42"		22,500 / 33,750	293	1	PG2436BA42
Solid Bottom	18 1/2"	22	22,500 / 33,750	171	4	PG2436DA18
	24 1/2"		22,500 / 33,750	228	3	PG2436DA24
	30 1/2"		22,500 / 33,750	238	2	PG2436DA30
	36 1/2"		22,500 / 33,750	282	2	PG2436DA36
	42 1/2"		22,500 / 33,750	321	1	PG2436DA42

To order boxes with two standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
W/2 Bolts	8	8,000 / 12,000	100	10	PG2436CA00**
2 Piece w/2 Bolts	8	8,000 / 12,000	122	10	PG2436CS00**
W/2 Bolts	15	15,000 / 22,500	115	10	PG2436HA00**
2 Piece w/2 Bolts	15	15,000 / 22,500	122	10	PG2436HS00**
W/2 Bolts	22	22,500 / 33,750	122	10	PG2436HH00**
2 Piece w/2 Bolts	22	22,500 / 33,750	202	10	PG2436HS44**
No Bolts	8	8,000 / 12,000	100	10	PG2436WA00**

To order gasketed covers, replace the letter "A" with the letter "G".
 Replace ** with a logo code found on page 64. See page 70 for meter and touch/radio read cover options.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.
 Available with EZ Locate. See page 69 for more information.

Bottom Extensions (for use under 18" boxes only, one per box)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Open Bottom	8 3/4"	22	22,500 / 33,750	81	6	PG2436EA08
Solid Bottom	9 1/4"	22	22,500 / 33,750	95	6	PG2436RA08

Grade Adjustable Extension

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
4" Top Extension, 1/2 Thread	7 1/8"	22	22,500 / 33,750	80	6	PG2436ED04
4" Top Extension, 3/8 Thread	7 1/8"	22	22,500 / 33,750	80	6	PG2436ES03

LEGEND

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE
- STORM INLET
- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOP
- EOG
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- STORM SEWER-EXISTING
- SANITARY SEWER-EXISTING
- STREAM
- WATER-EXISTING
- BUILDING-EXISTING

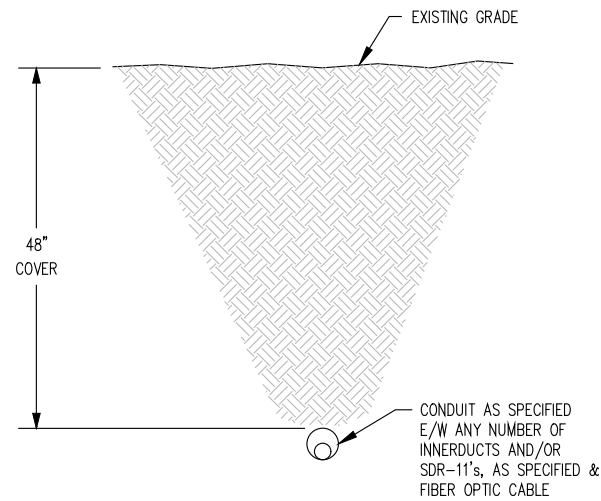


DATE CREATED:	9/21/2022
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DRAWN BY:	FEC
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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	EL PASO COUNTY COLORADO
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT DETAILS
MAP:	38 OF 39

PROJECT DETAILS

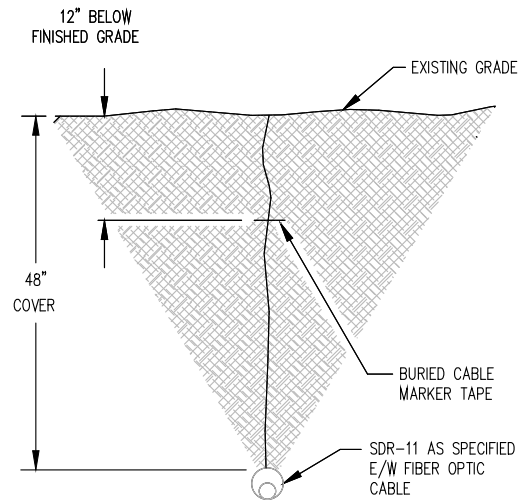
TYPICAL DETAIL "A"

PLACE CROSS SECTION FOR CONDUIT



TYPICAL DETAIL "B"

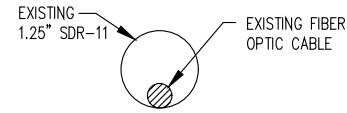
PLACE SDR-11



NOTE:
ALL SDR-11 USED FOR VIAERO CABLE
WILL BE TERRA-COTTA ORANGE IN
COLOR AND MANUFACTURED IN
ACCORDANCE WITH ASTM D-3035.

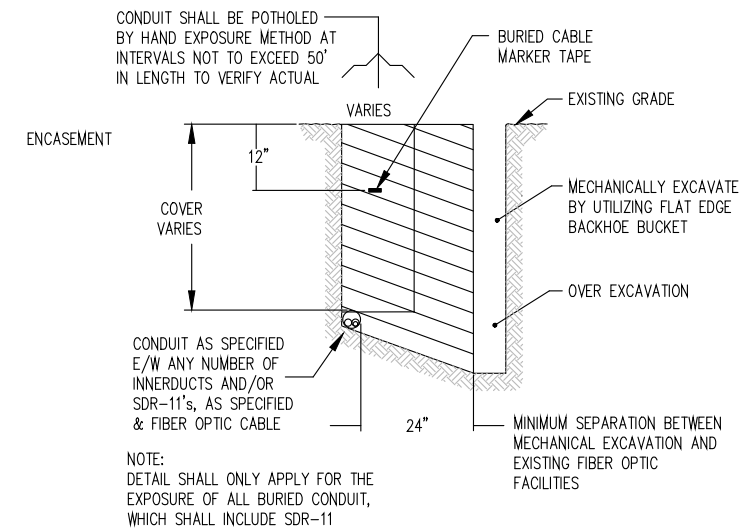
TYPICAL DETAIL "C"

CROSS SECTION OF EXISTING SDR-11



TYPICAL DETAIL "D"

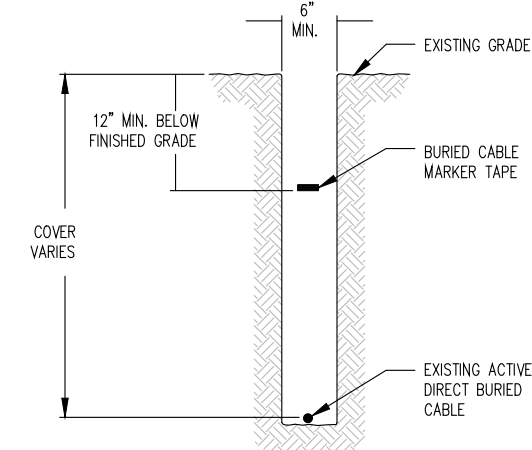
EXPOSE CONDUIT BY POTHOLE/SIDE EXPOSURE METHOD



NOTE:
DETAIL SHALL ONLY APPLY FOR THE
EXPOSURE OF ALL BURIED CONDUIT,
WHICH SHALL INCLUDE SDR-11

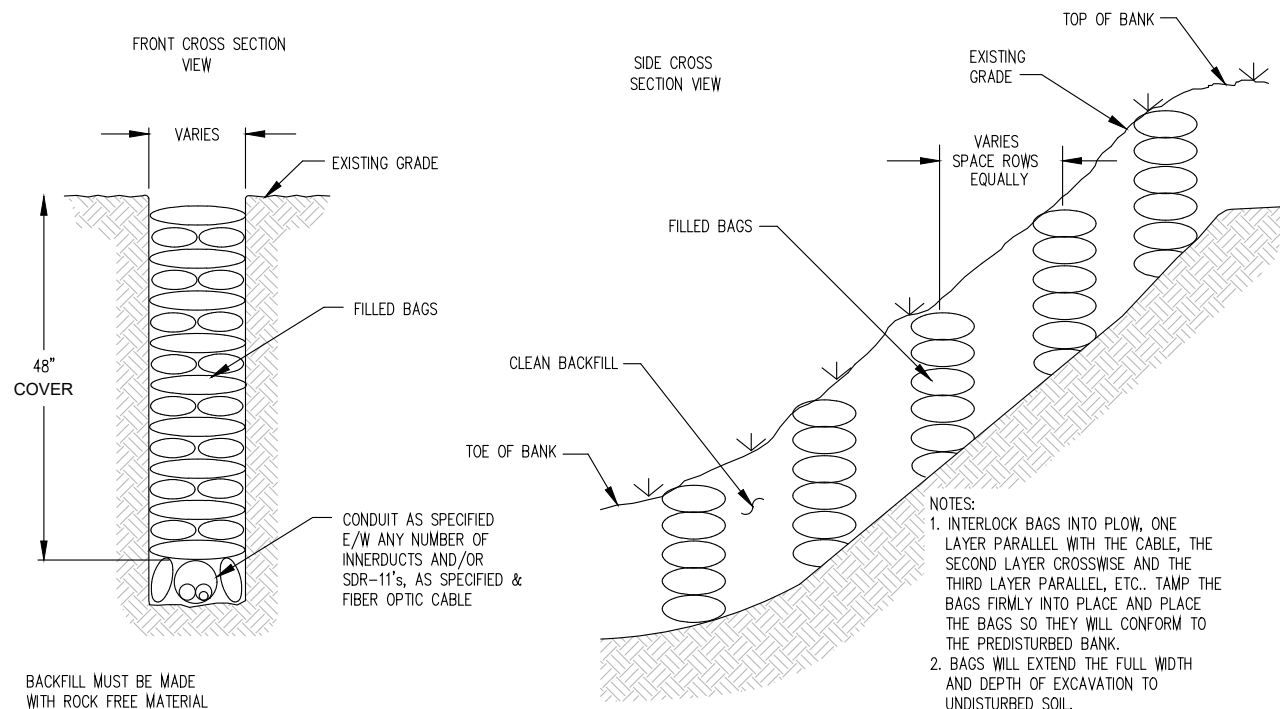
TYPICAL DETAIL "F"

EXPOSE DIRECT BURIED CABLE BY HAND EXPOSURE METHOD



TYPICAL DETAIL "E"

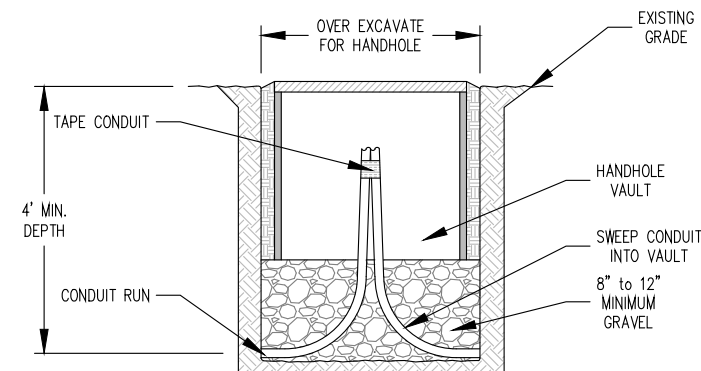
FLOW EROSION CONTROL



NOTES:
1. INTERLOCK BAGS INTO PLOW, ONE LAYER PARALLEL WITH THE CABLE, THE SECOND LAYER CROSSWISE AND THE THIRD LAYER PARALLEL, ETC.. TAMP THE BAGS FIRMLY INTO PLACE AND PLACE THE BAGS SO THEY WILL CONFORM TO THE PREDISTURBED BANK.
2. BAGS WILL EXTEND THE FULL WIDTH AND DEPTH OF EXCAVATION TO UNDISTURBED SOIL.

TYPICAL DETAIL "G"

TYPICAL HANDHOLE/CONDUIT PLACEMENT



LEGEND

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- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
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- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
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