

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 POTHOLE 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

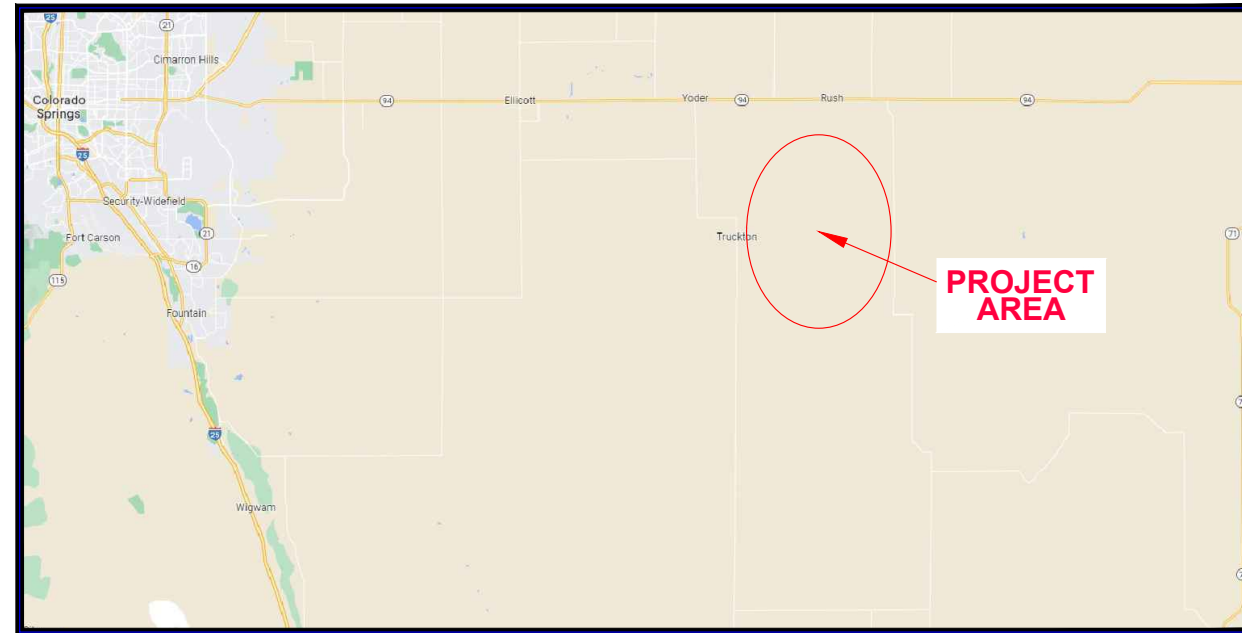
FINLEY ENGINEERING COMPANY, INC
507-777-2000

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 THEN WEST ALONG TRUCKTON RD TO HARDING RD S. DISTRIBUTION COILS AT INTERSECTION OF TRUCKTON RD & JOHNSON RD, GOING NORTH APPROX 1.75 MILES & SOUTH APPROX 1.75 MILES; INTERSECTION OF TRUCKTON RD & WHITTEMORE RD, GOING NORTH APPROX 1 MILE & SOUTH APPROX 2 MILES; INTERSECTION OF SHEAR RD & CO RD 1, THEN WEST ALONG SHEAR RD TO HARDING RD S (WITH DISTRIBUTION CONDUITS GOING EAST APPROX 1/4 MILE) OF TRUCKTON RD & HARDING RD SOUTH. THIS PROPOSED PROJECT IS A

Please add EPC Std Construction notes and signature block below comment boxes



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'	
EA	PLACE VIAERO 30"X48"X36"/20K SP HH	1	
EA	PLACE VIAERO 30"X48"X24"/20K HH	4	
EA	PLACE VIAERO 30"X48"X24"/20K SP HH	3	
EA	PLACE VIAERO 24"X36"X24"/20K HH	33	
EA	PLACE VIAERO 13"X24"X15" HH	71	

INTERSECTION OF TRUCKTON RD & CO RD 1, GOING NORTH APPROX 1 MILE; INTERSECTION OF TRUCKTON RD & S RUSH RD, GOING NORTH APPROX 1.75 MILES; INTERSECTION OF TRUCKTON RD & WHITTEMORE RD, GOING NORTH APPROX 1 MILE & SOUTH APPROX 2 MILES; INTERSECTION OF SHEAR RD & CO RD 1, THEN WEST ALONG SHEAR RD TO HARDING RD S (WITH DISTRIBUTION CONDUITS GOING EAST APPROX 1/4 MILE) OF TRUCKTON RD & HARDING RD SOUTH. THIS PROPOSED PROJECT IS A

PROJECT APPROVAL SIGN-OFFS:

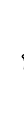
EL PASO COUNTY _____ DATE: _____

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
- 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 COVER SHEET
MAP:	01 OF 39

PCD File #
U231

Construction Drawings

Design Engineer's Statement:

These detailed plans and specifications were prepared under my direction and supervision. Said plans and specifications have been prepared according to the criteria established by the County for detailed roadway, drainage, grading and erosion control plans and specifications, and said plans and specifications are in conformity with applicable master drainage plans and master transportation plans. Said plans and specifications meet the purposes for which the particular roadway and drainage facilities are designed and are correct to the best of my knowledge and belief. I accept responsibility for any liability caused by any negligent acts, errors or omissions on my part in preparation of these detailed plans and specifications.

[Name, P.E. # _____] Date

Owner/Developer's Statement:

I, the owner/developer have read and will comply with the requirements of the grading and erosion control plan and all of the requirements specified in these detailed plans and specifications.

[Name, Title] Date
[Business Name]
[Address]

El Paso County:

County plan review is provided only for general conformance with County Design Criteria. The County is not responsible for the accuracy and adequacy of the design, dimensions, and/or elevations which shall be confirmed at the job site. The County through the approval of this document assumes no responsibility for completeness and/or accuracy of this document.

Filed in accordance with the requirements of the El Paso County Land Development Code, Drainage Criteria Manual, Volumes 1 and 2, and Engineering Criteria Manual as amended.

In accordance with ECM Section 1.12, these construction documents will be valid for construction for a period of 2 years from the date signed by the El Paso County Engineer. If construction has not started within those 2 years, the plans will need to be resubmitted for approval, including payment of review fees at the Planning and Community Development Directors discretion.

County Engineer / ECM Administrator Date

Standard Notes for El Paso County Construction Plans

1. All drainage and roadway construction shall meet the standards and specifications of the City of Colorado Springs/El Paso County Drainage Criteria Manual, Volumes 1 and 2, and the El Paso County Engineering Criteria Manual.
2. Contractor shall be responsible for the notification and field notification of all existing utilities, whether shown on the plans or not, before beginning construction. Location of existing utilities shall be verified by the contractor prior to construction. Call 811 to contact the Utility Notification Center of Colorado (UNCC).
3. Contractor shall keep a copy of these approved plans, the Grading and Erosion Control Plan, the Stormwater Management Plan (SWMP), the soils and geotechnical report, and the appropriate design and construction standards and specifications at the job site at all times, including the following:
 - a. El Paso County Engineering Criteria Manual (ECM)
 - b. City of Colorado Springs/El Paso County Drainage Criteria Manual, Volumes 1 and 2
 - c. Colorado Department of Transportation (CDOT) Standard Specifications for Road and Bridge Construction
 - d. CDOT M & S Standards
4. Notwithstanding anything depicted in these plans in words or graphic representation, all design and construction related to roads, storm drainage and erosion control shall conform to the standards and requirements of the most recent version of the relevant adopted El Paso County standards, including the Land Development Code, the Engineering Criteria Manual, the Drainage Criteria Manual, and the Drainage Criteria Manual Volume 2. Any deviations from regulations and standards must be requested, and approved, in writing. Any modifications necessary to meet criteria after-the-fact will be entirely the developer's responsibility to rectify.
5. It is the design engineer's responsibility to accurately show existing conditions, both onsite and offsite, on the construction plans. Any modifications necessary due to conflicts, omissions, or changed conditions will be entirely the developer's responsibility to rectify.
6. Contractor shall schedule a pre-construction meeting with El Paso County Planning and Community Development (PCD) – Inspections, prior to starting construction.
7. It is the contractor's responsibility to understand the requirements of all jurisdictional agencies and to obtain all required permits, including but not limited to El Paso County Erosion and Stormwater Quality Control Permit (ESQCP), Regional Building Floodplain Development Permit, U.S. Army Corps of Engineers-issued 401 and/or 404 permits, and county and state fugitive dust permits.
8. Contractor shall not deviate from the plans without first obtaining written approval from the design engineer and PCD. Contractor shall notify the design engineer immediately upon discovery of any errors or inconsistencies.
9. All storm drain pipe shall be Class III RCP unless otherwise noted and approved by PCD.
10. Contractor shall coordinate geotechnical testing per ECM standards. Pavement design shall be approved by El Paso County PCD prior to placement of curb and gutter and pavement.
11. All construction traffic must enter/exit the site at approved construction access points.
12. Sight visibility triangles as identified in the plans shall be provided at all intersections. Obstructions greater than 18 inches above flowline are not allowed within sight triangles.
13. Signing and striping shall comply with El Paso County DOT and MUTCD criteria. [If applicable, additional signing and striping notes will be provided.]
14. Contractor shall obtain any permits required by El Paso County DOT, including Work Within the Right-of-Way and Special Transport permits.
15. The limits of construction shall remain within the property line unless otherwise noted. The owner/developer shall obtain written permission and easements, where required, from adjoining property owner(s) prior to any off-site disturbance, grading, or construction.

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KB
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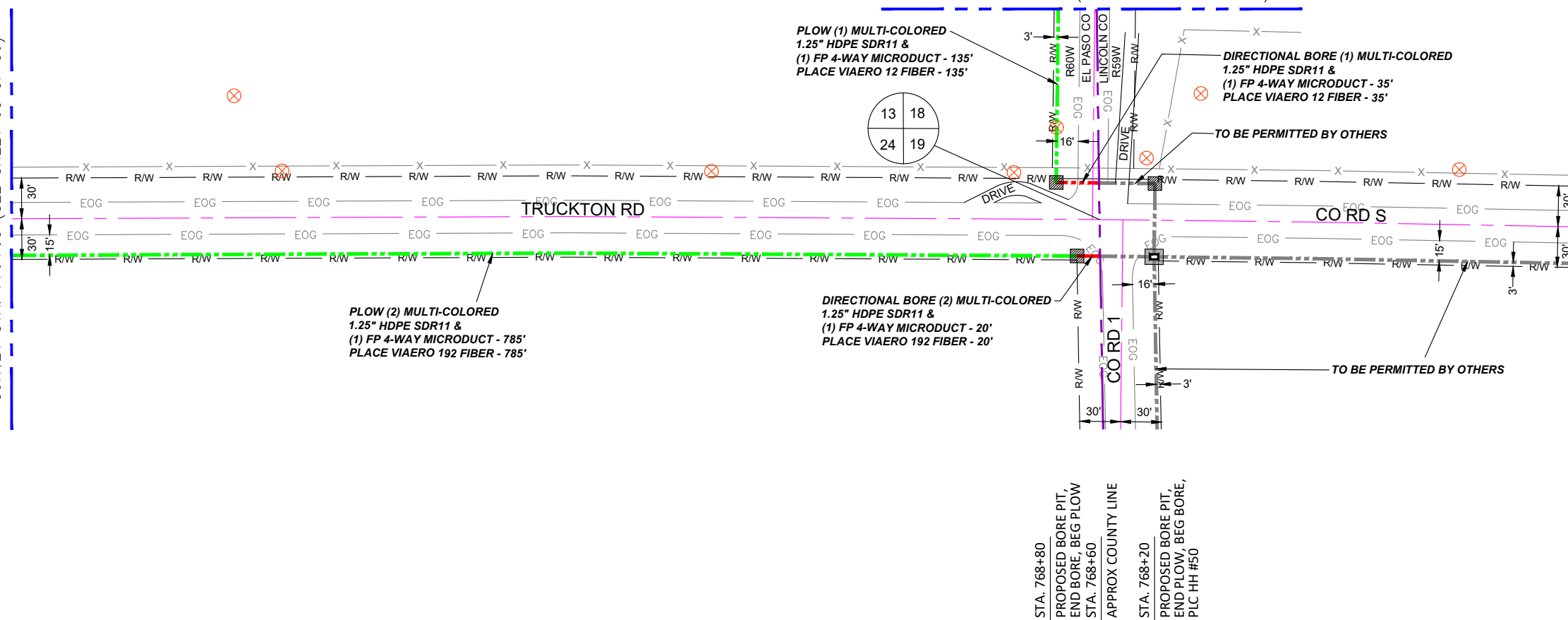
Illo Rd

Harding Rd S

SHT

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

- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
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- 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



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 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

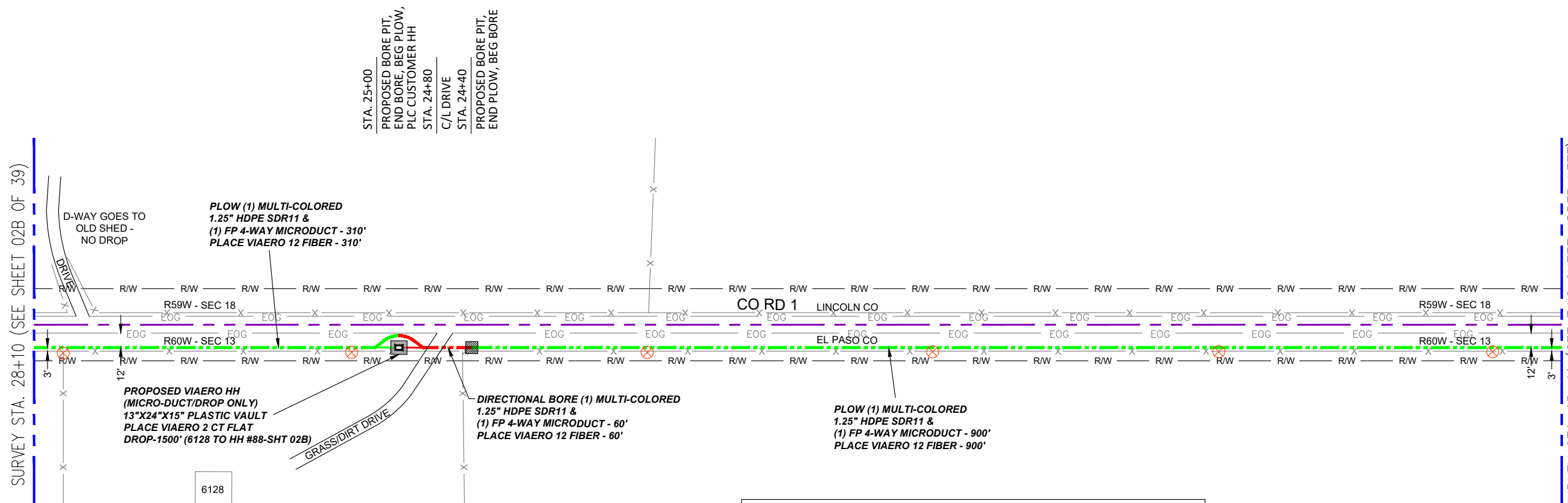
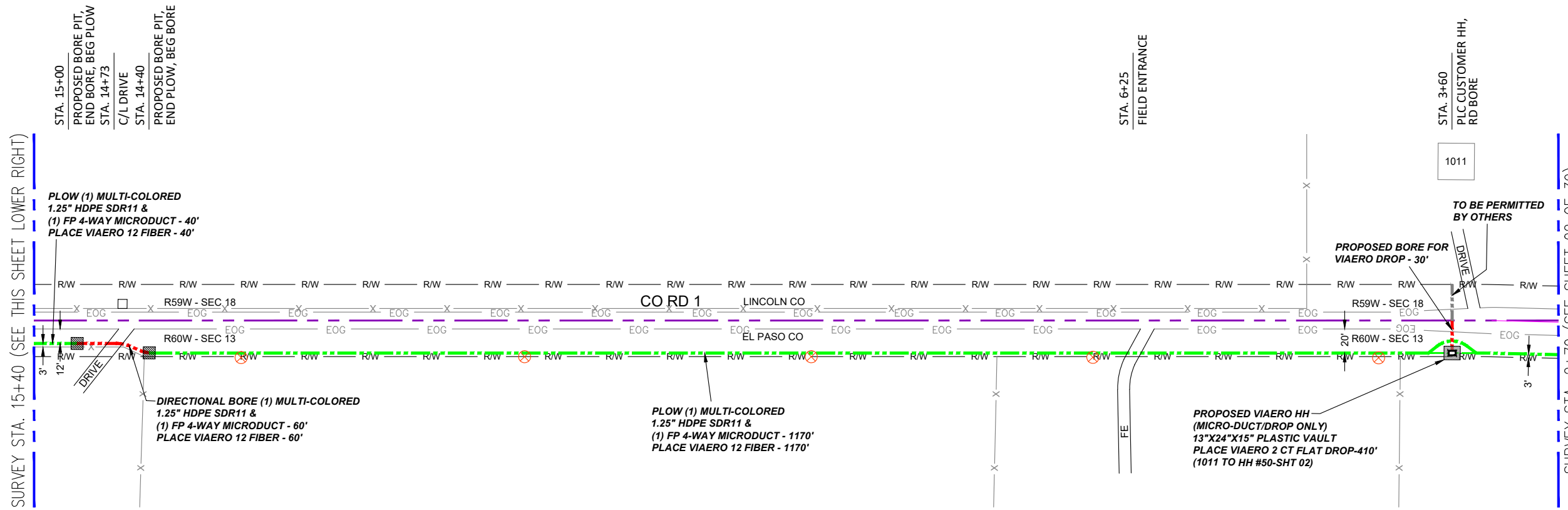
MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	805'	
FT	VIAERO (1) MULTI-COLORED 1.25" SDR-11	170'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	975'	
FT	VIAERO 192 FIBER	805'	
FT	VIAERO 12 FIBER	170'	
FT	VIAERO 2 CT FLAT DROP	0	
EA	VIAERO 30"x48"x24"/20K HH	0	
EA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

SCALE: 1"=100'



- 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
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 - EXISTING LANDSCAPE AREA
 - EXISTING POLE CELL TOWER
- LINETYPES**
- CONDUIT-NOT IN CONTRACT
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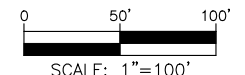
MATERIAL LIST

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:
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1 FOOT ABOVE THE CABLE.



DATE CREATED: 9/21/2022
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 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: **02A OF 39**

← 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)

STA. 36+40
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 36+10
C/L DRIVE
STA. 35+80
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLC CUSTOMER HH

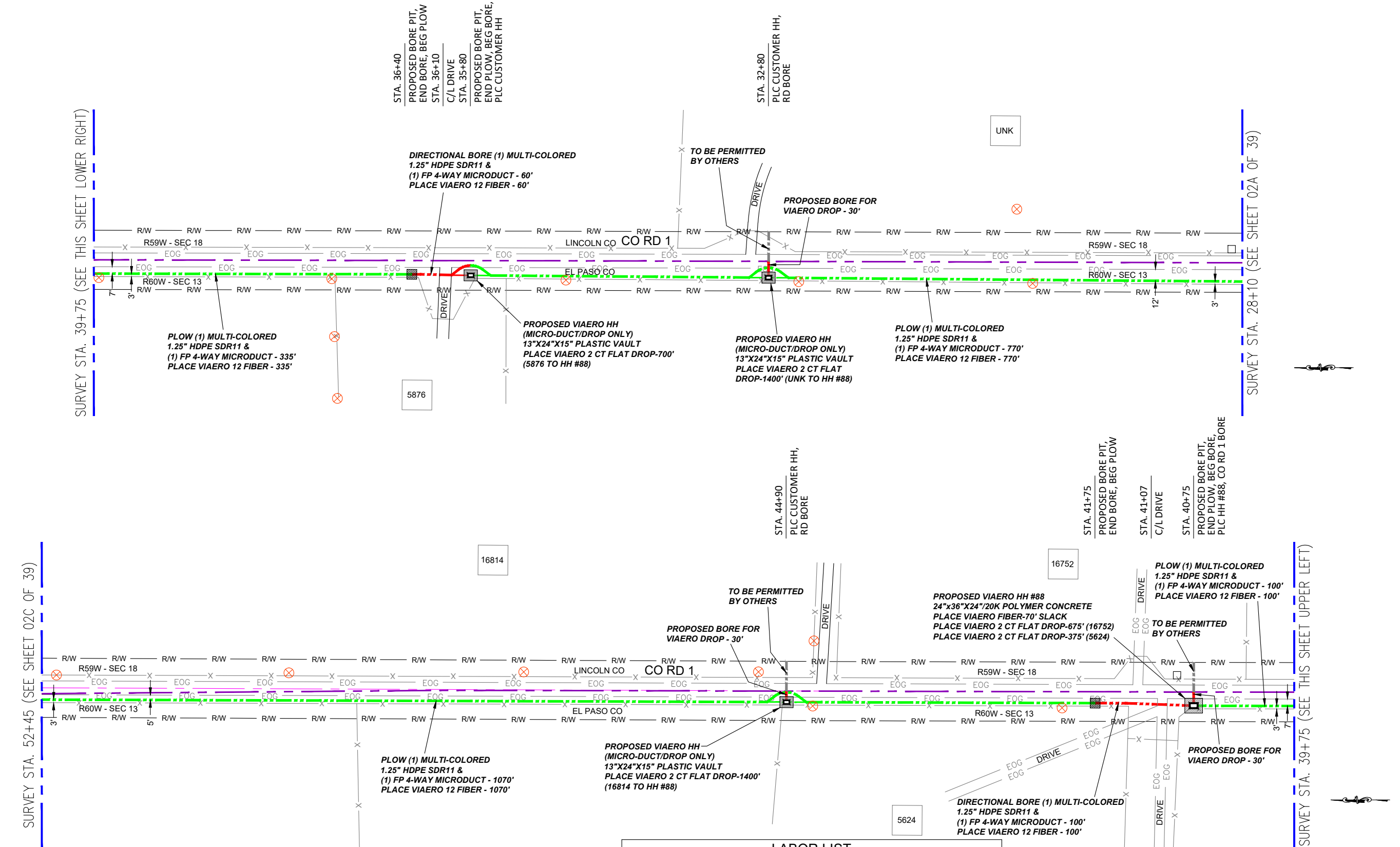
STA. 32+80
PLC CUSTOMER HH,
RD BORE

STA. 44+90
PLC CUSTOMER HH,
RD BORE

STA. 41+75
PROPOSED BORE PIT,
END BORE, BEG PLOW

STA. 41+07
C/L DRIVE

STA. 40+75
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLC HH #88, CO RD 1 BORE



PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 335'
PLACE VIAERO 12 FIBER - 335'

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-700'
(5876 TO HH #88)

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT
DROP-1400' (UNK TO HH #88)

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 770'
PLACE VIAERO 12 FIBER - 770'

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1070'
PLACE VIAERO 12 FIBER - 1070'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-1400'
(16814 TO HH #88)

PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 100'
PLACE VIAERO 12 FIBER - 100'

PROPOSED VIAERO HH #88
24"x36"X24"/20K POLYMER CONCRETE
PLACE VIAERO FIBER-70' SLACK
PLACE VIAERO 2 CT FLAT DROP-675' (16752)
PLACE VIAERO 2 CT FLAT DROP-375' (5624)

TO BE PERMITTED
BY OTHERS

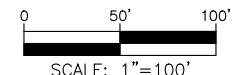
DIRECTIONAL BORE (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 100'
PLACE VIAERO 12 FIBER - 100'

← 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
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

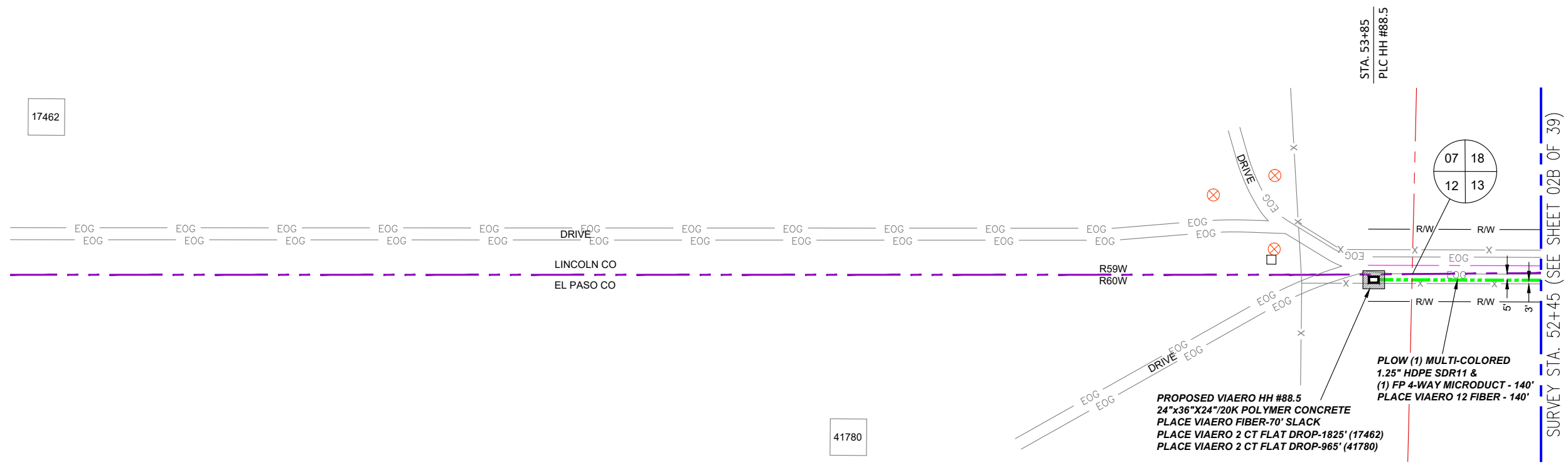
- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
- EOG
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING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



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 T155 R59 & 60W
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
- 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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 CHECKED BY: FEC
 APPROVED BY: _____

COMPANY: VIAERO FIBER NETWORKS, LLC

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

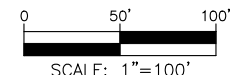
MAP: 02C OF 39

← 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.

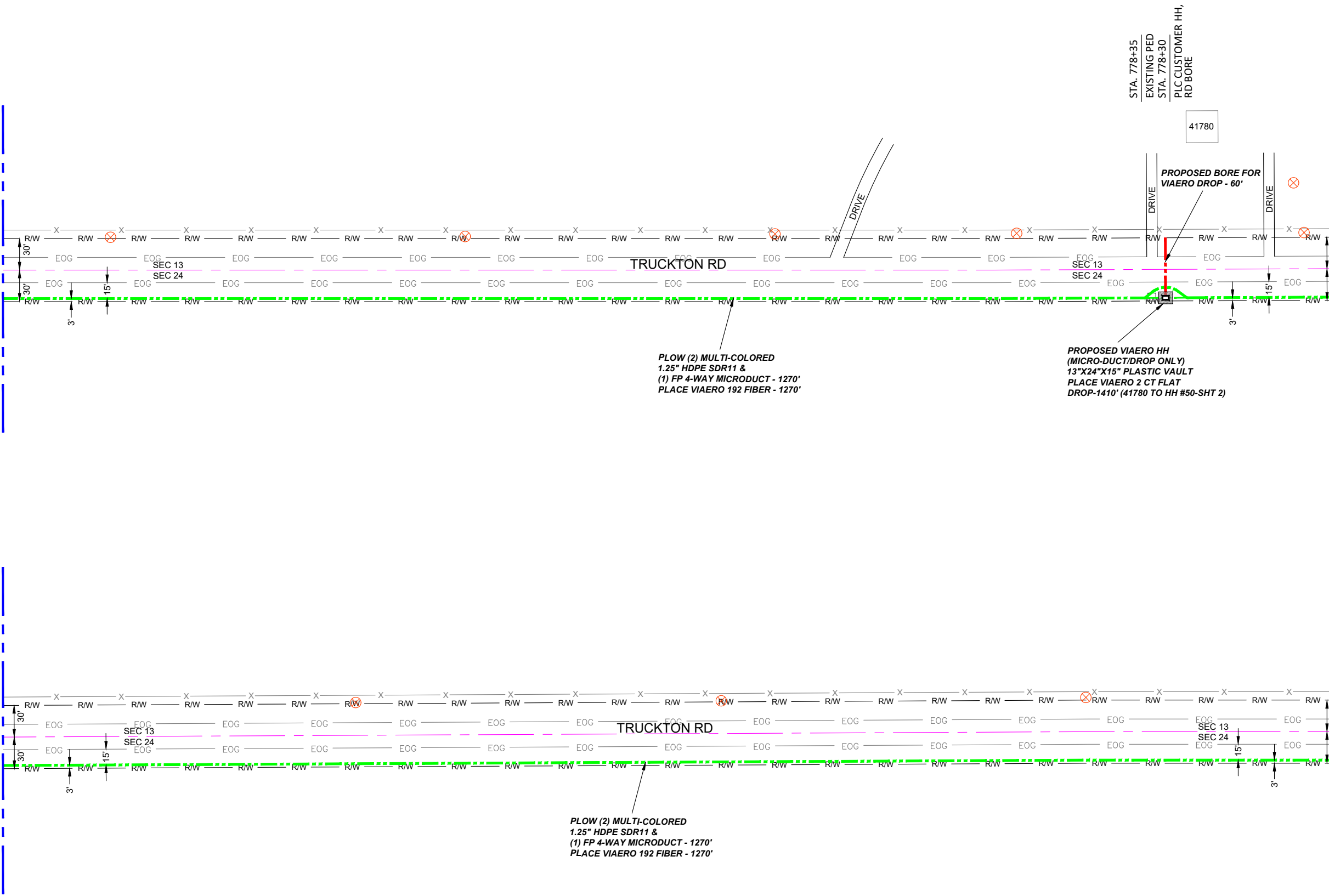


SURVEY STA. 789+35 (SEE THIS SHEET LOWER RIGHT)

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)



- ### 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 R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	03 OF 39

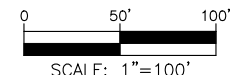
MATERIAL LIST

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 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.



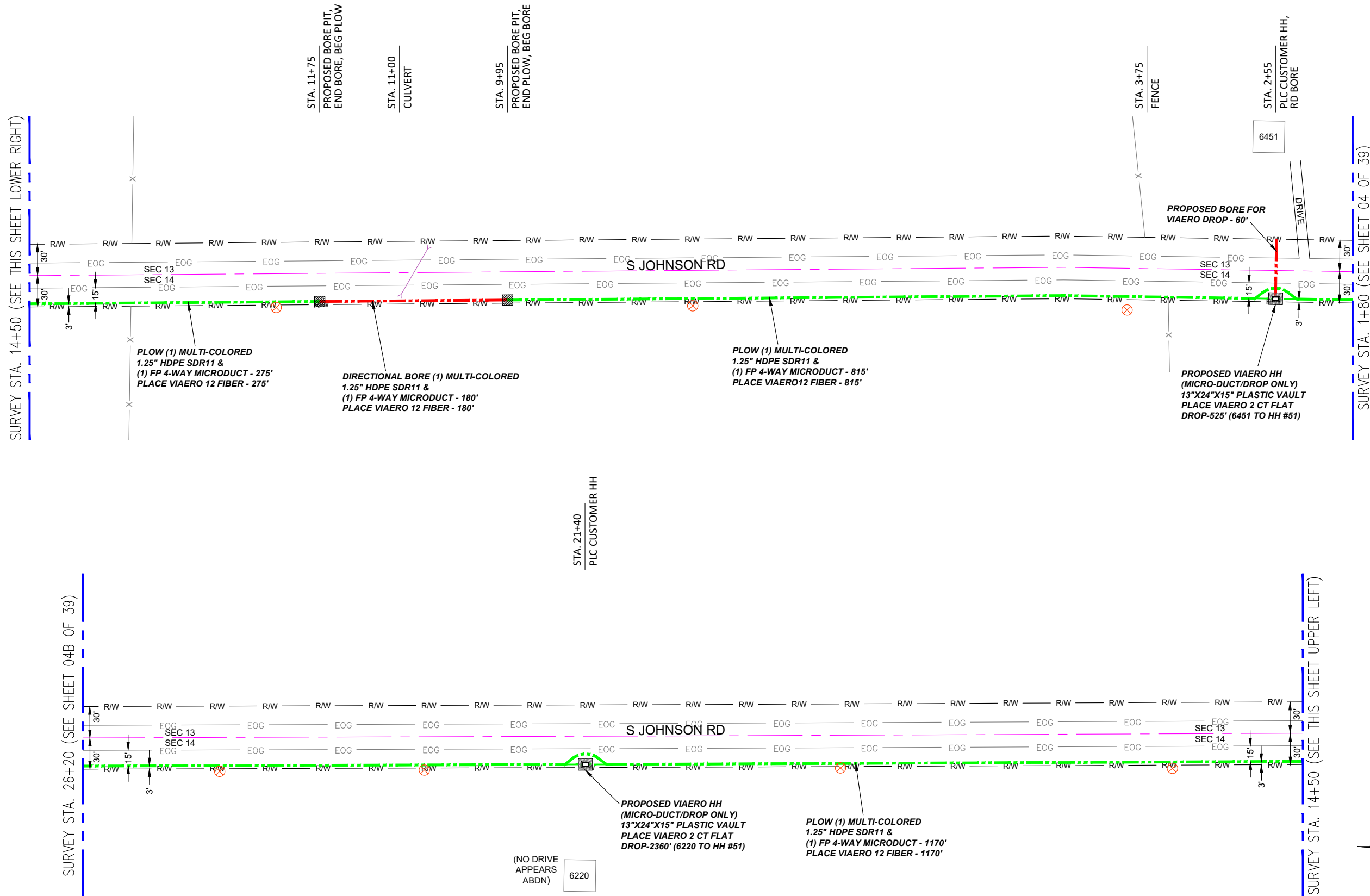
← DIRECTION OF ENGINEERING

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

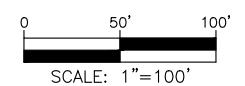


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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04A OF 39

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	2	

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



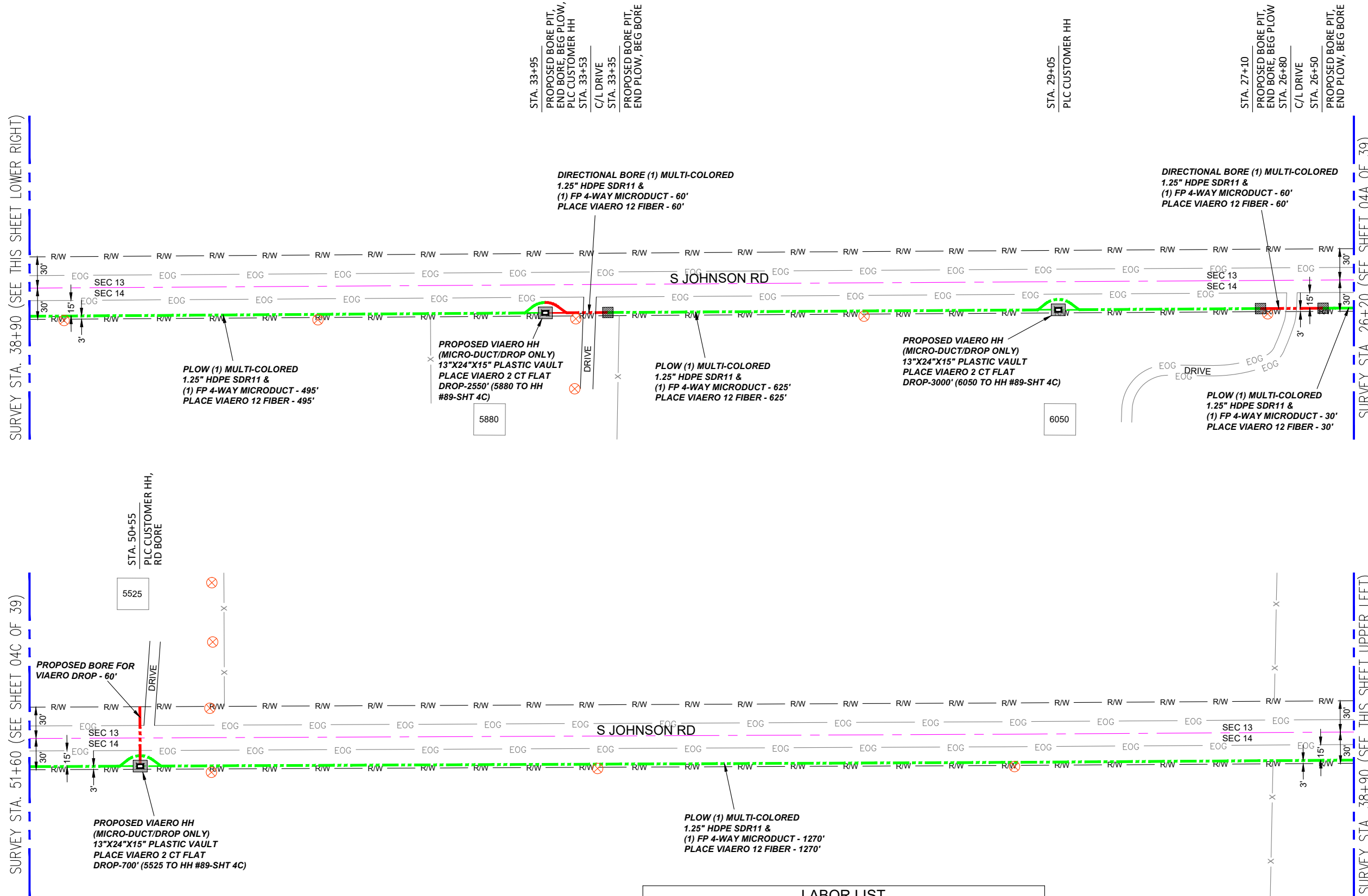
← DIRECTION OF ENGINEERING

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)



PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 495'
PLACE VIAERO 12 FIBER - 495'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT
DROP-2550' (5880 TO HH
#89-SHT 4C)

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 - 625'
PLACE VIAERO 12 FIBER - 625'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT
DROP-3000' (6050 TO HH #89-SHT 4C)

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 - 30'
PLACE VIAERO 12 FIBER - 30'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT
DROP-700' (5525 TO HH #89-SHT 4C)

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

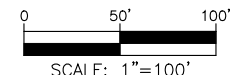
MATERIAL LIST

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	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.



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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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:	04B OF 39

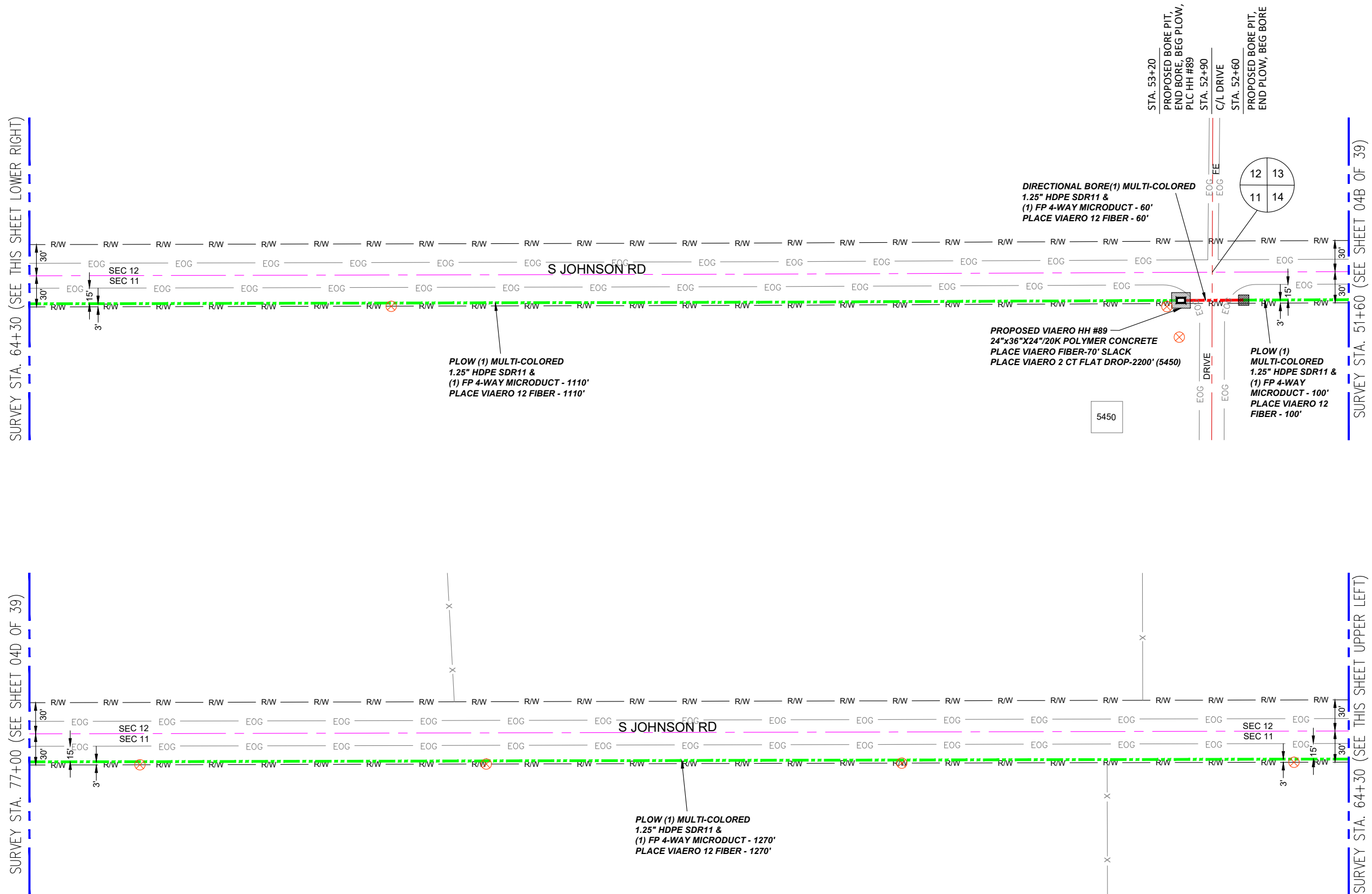
← DIRECTION OF ENGINEERING

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)



- ### 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
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 - 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:	04C OF 39

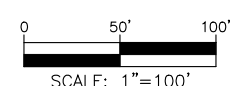
MATERIAL LIST

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	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.



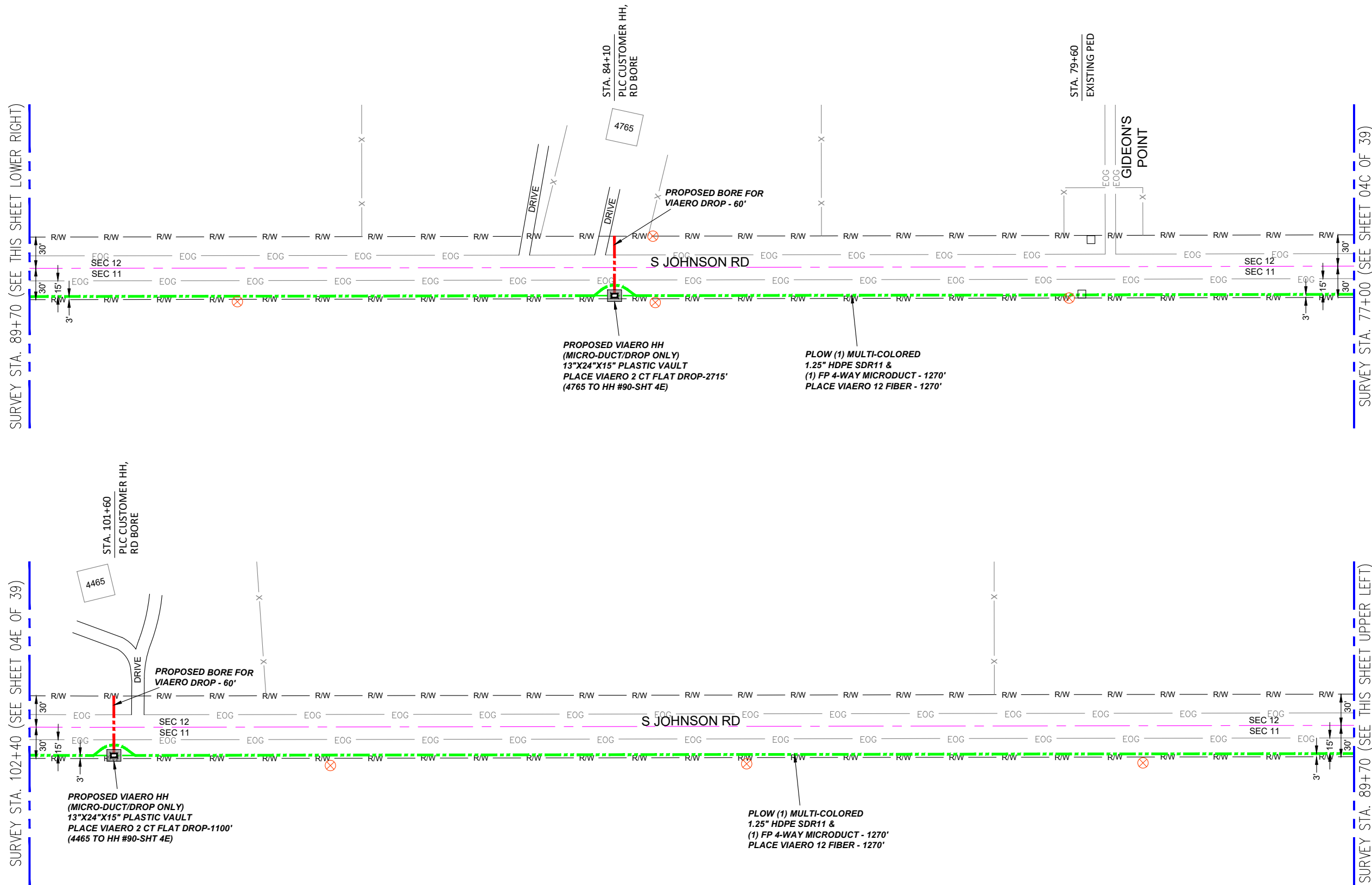
← DIRECTION OF ENGINEERING

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
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- CULVERT
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- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W
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- 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: **04D OF 39**

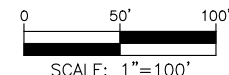
MATERIAL LIST

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.



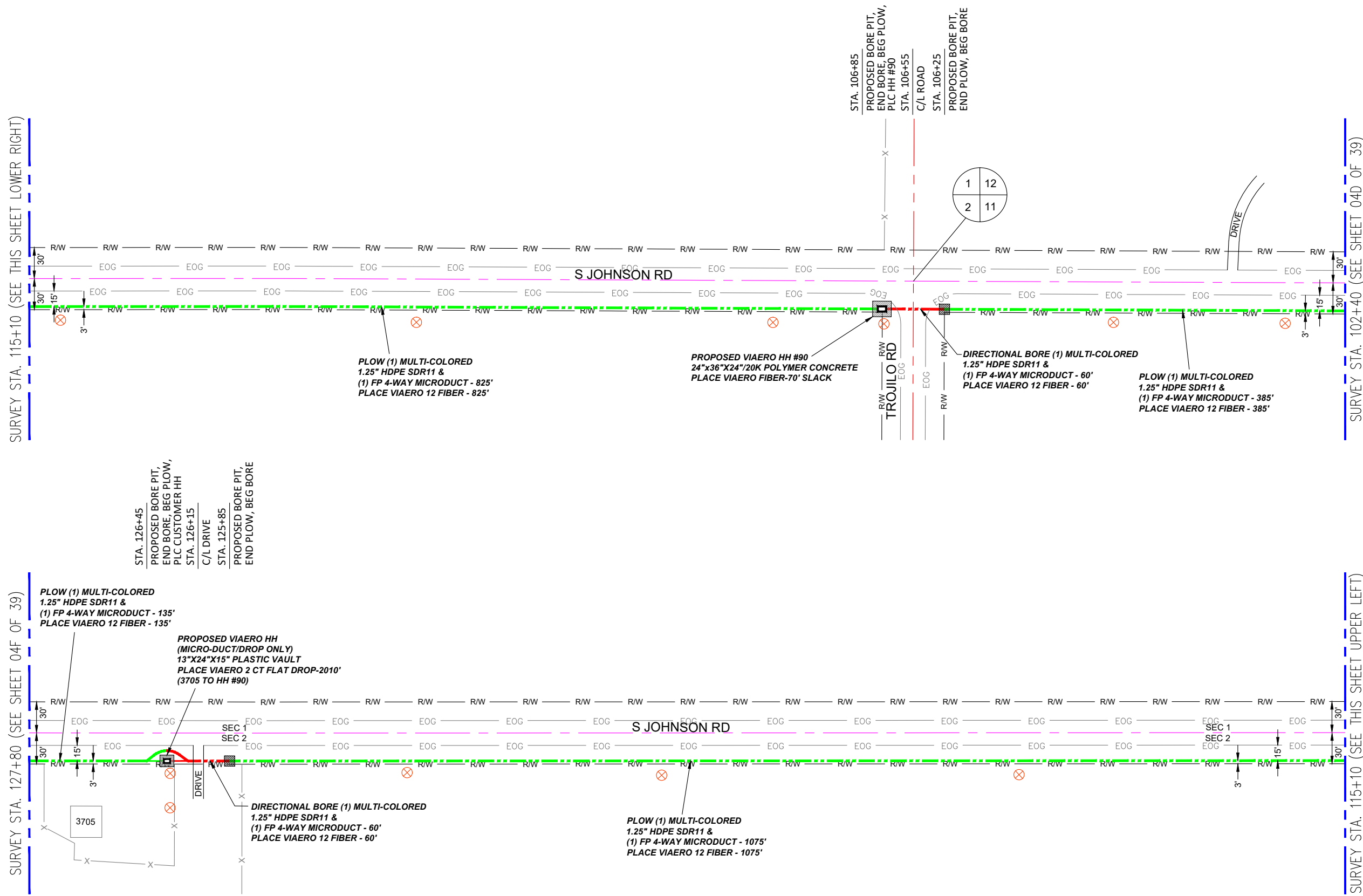
← DIRECTION OF ENGINEERING

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)



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
- X EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OHE OVERHEAD ELECTRIC-EXISTING
- BURIED FIBER-EXISTING
- TELEPHONE-EXISTING
- SD STORM SEWER-EXISTING
- SEW SANITARY SEWER-EXISTING
- S STREAM
- W WATER-EXISTING
- B 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

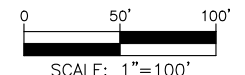
MATERIAL LIST

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.



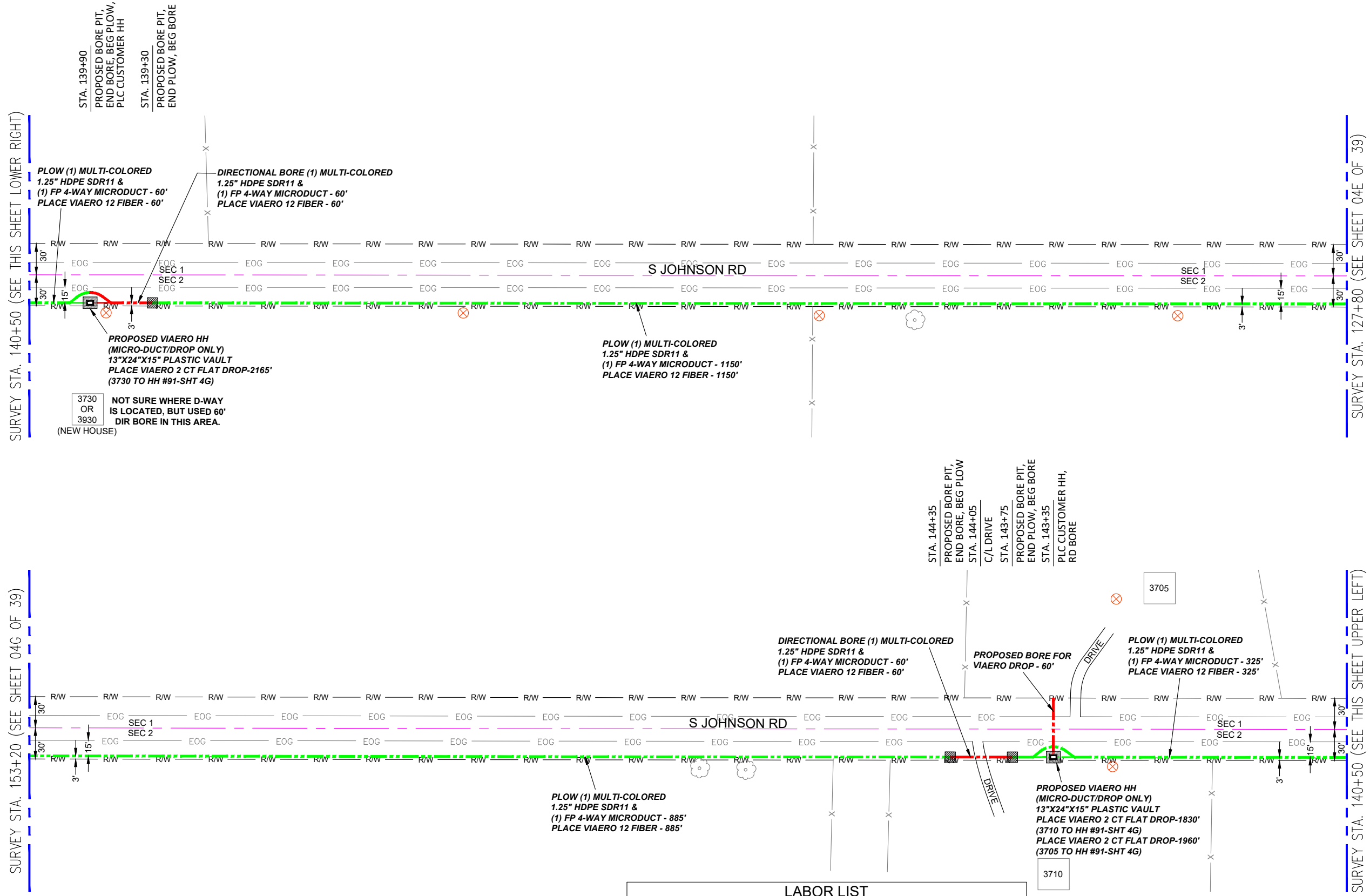
← DIRECTION OF ENGINEERING

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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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:	04F OF 39

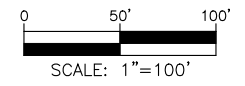
MATERIAL LIST

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.



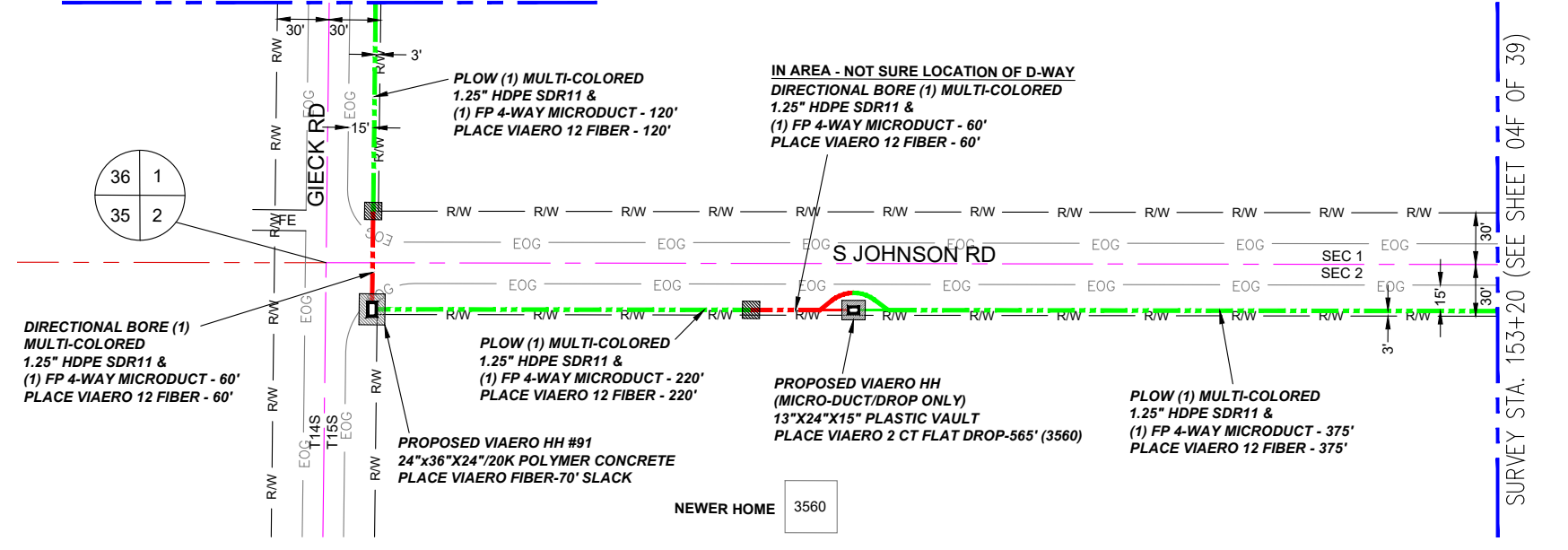
← DIRECTION OF ENGINEERING

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

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

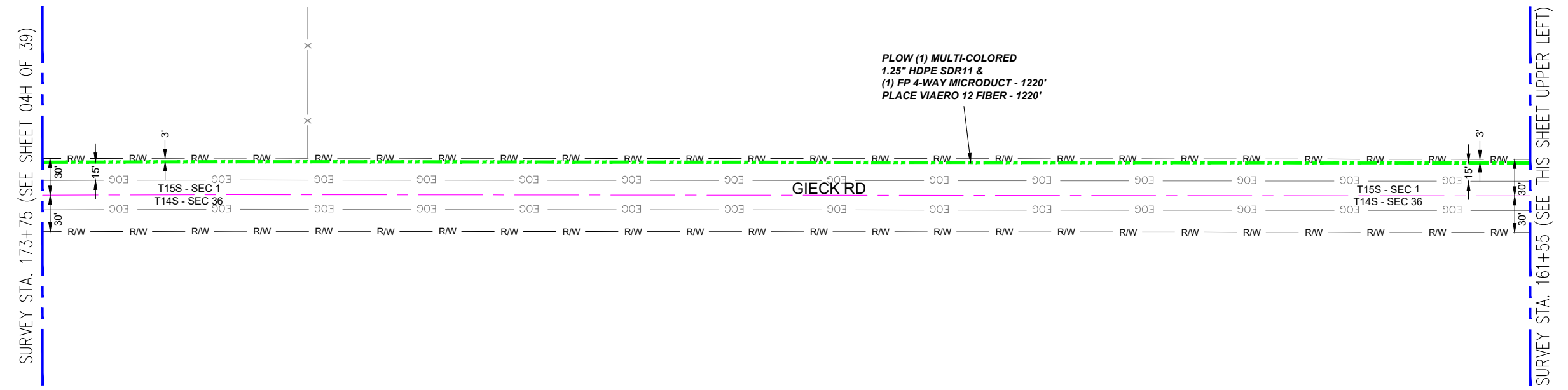
STA. 156+95
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLC CUSTOMER HH

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

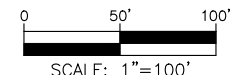
- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - R/W
 - EOP
 - EOG
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - OVERHEAD ELECTRIC-EXISTING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



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	

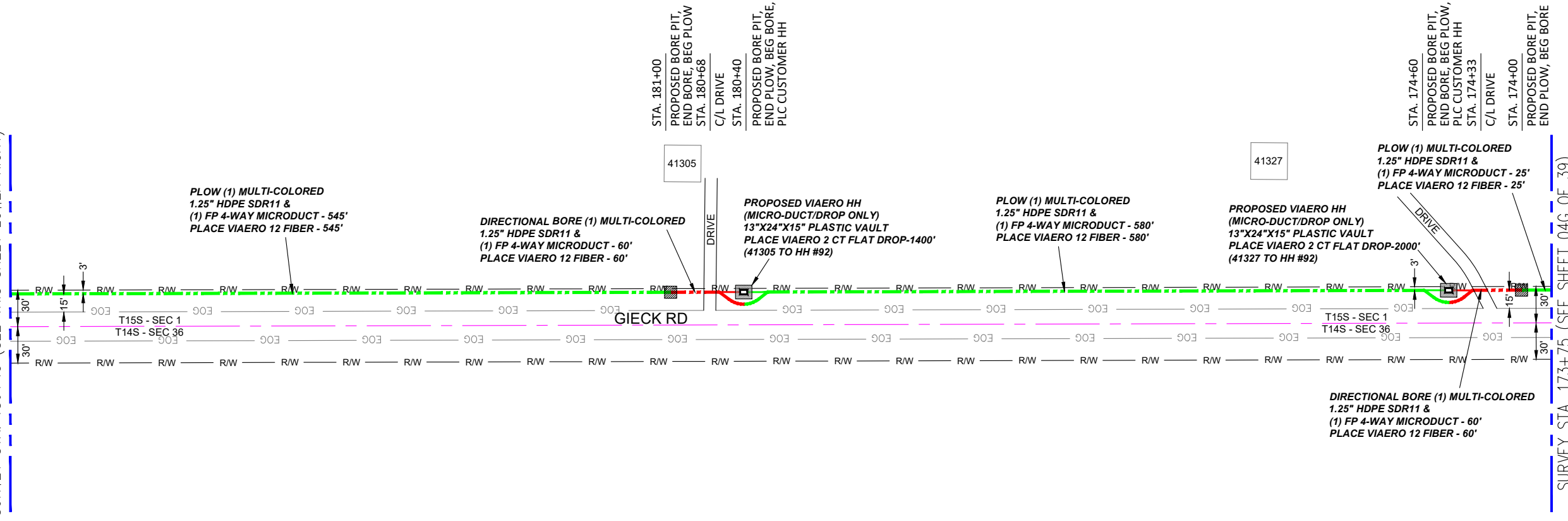
NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



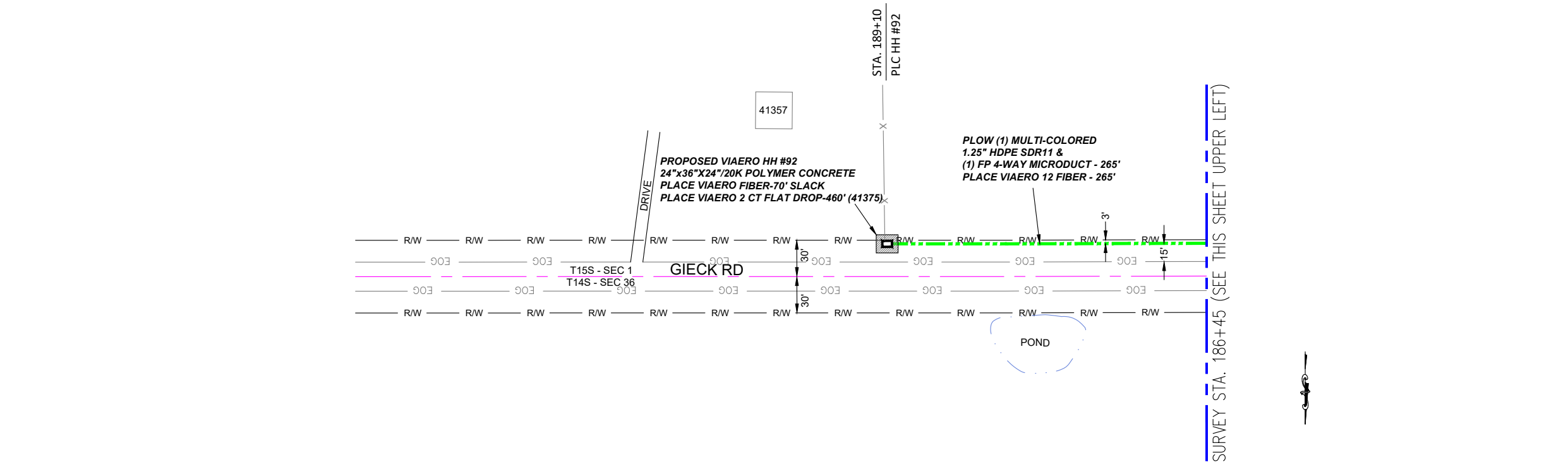
DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04G OF 39

← DIRECTION OF ENGINEERING

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



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
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OHE
- BURIED FIBER-EXISTING
- T
- SD
- SEW
- W
- 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: 04H OF 39

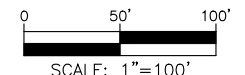
MATERIAL LIST

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	

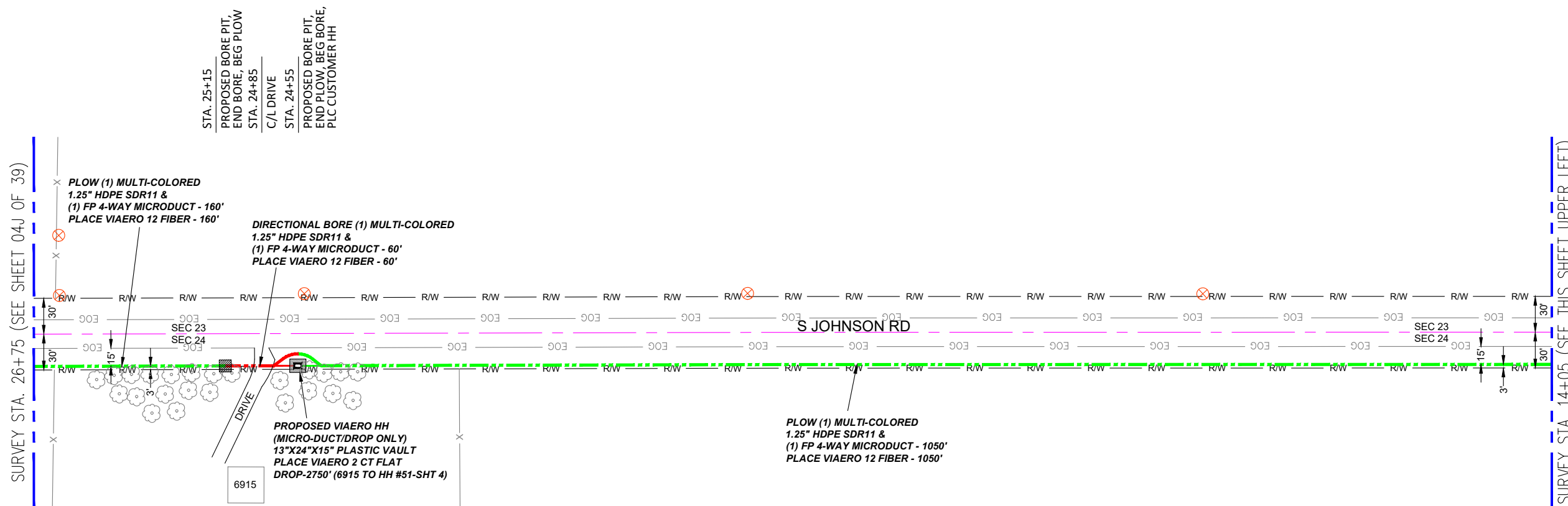
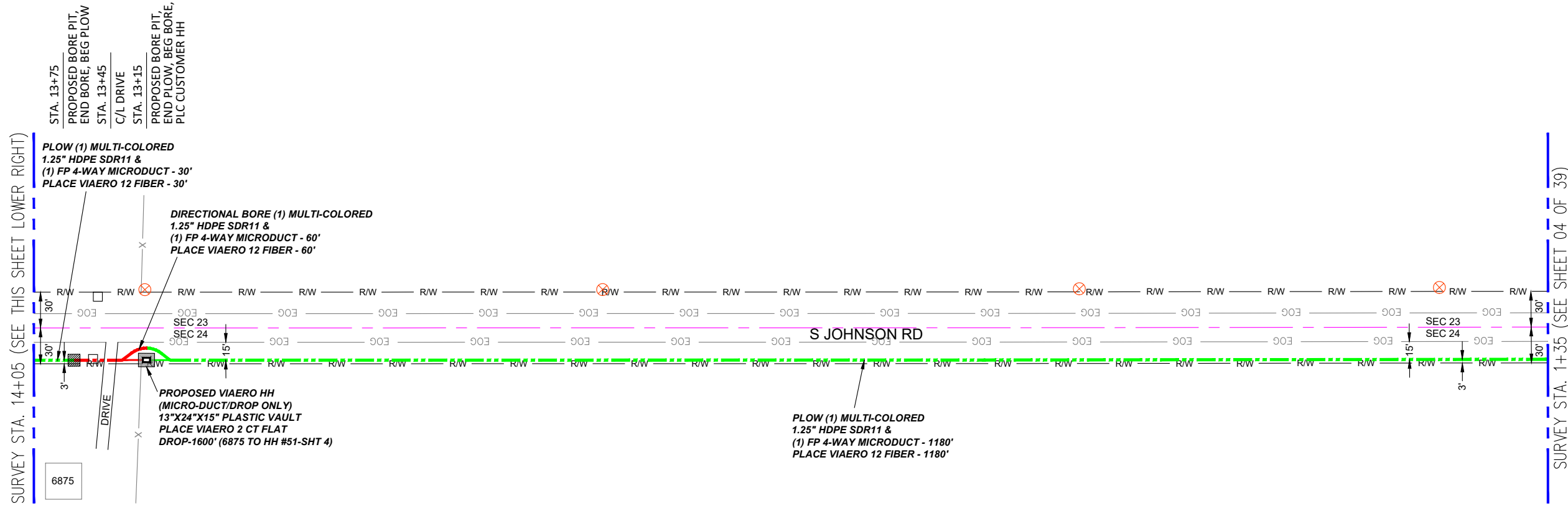
LABOR LIST

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

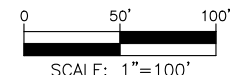
MATERIAL LIST

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.



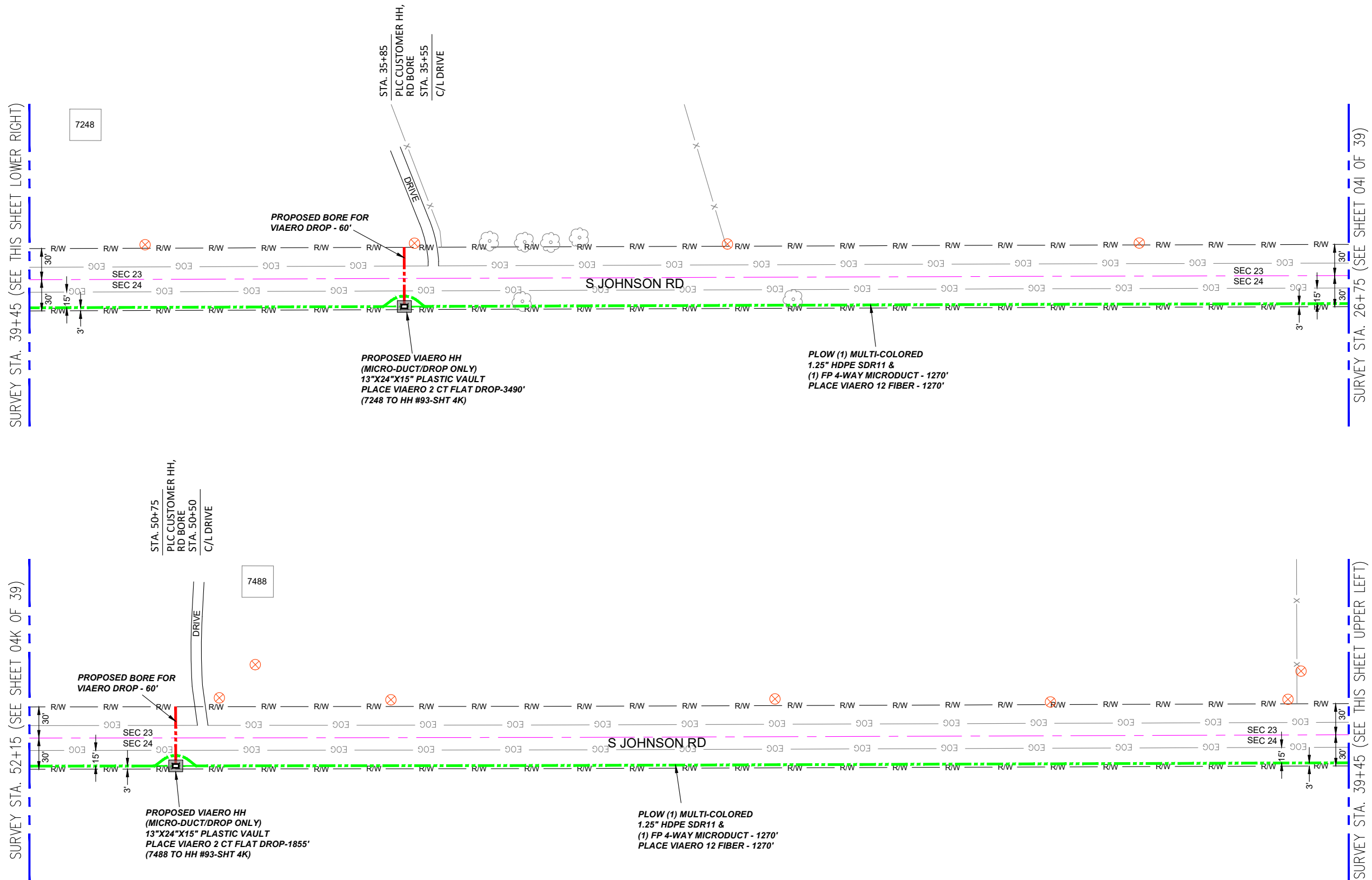
← DIRECTION OF ENGINEERING

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)



7248

7488

← 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

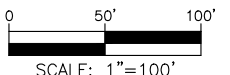


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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	04J OF 39

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	PLW (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.



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

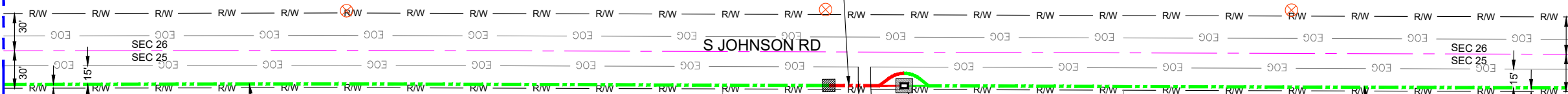
7710

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	

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 - 665'
PLACE VIAERO 12 FIBER - 665'

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

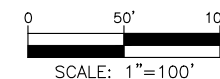
PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 545'
PLACE VIAERO 12 FIBER - 545'

7775

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
- EOG
- EOG
- EOG
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUD 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: _____

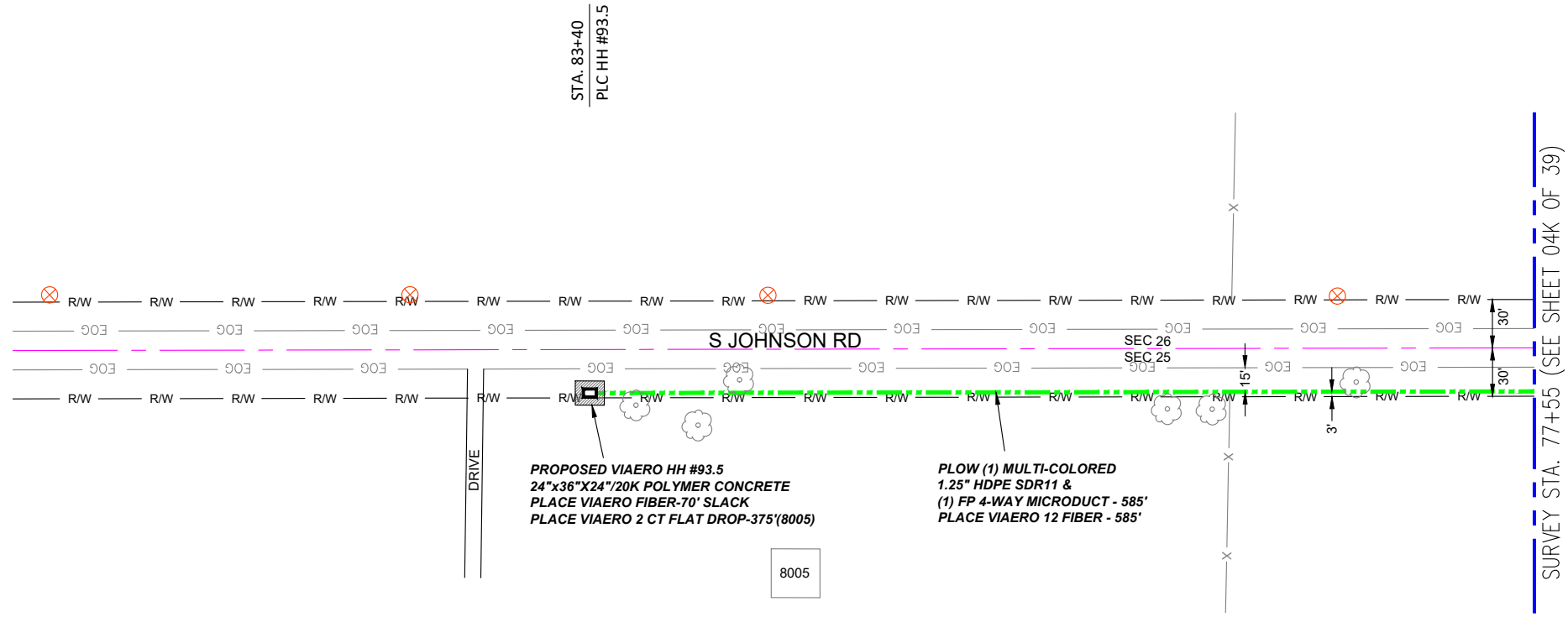
COMPANY:
VIAERO FIBER NETWORKS, LLC

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



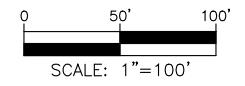
DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	_____
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET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

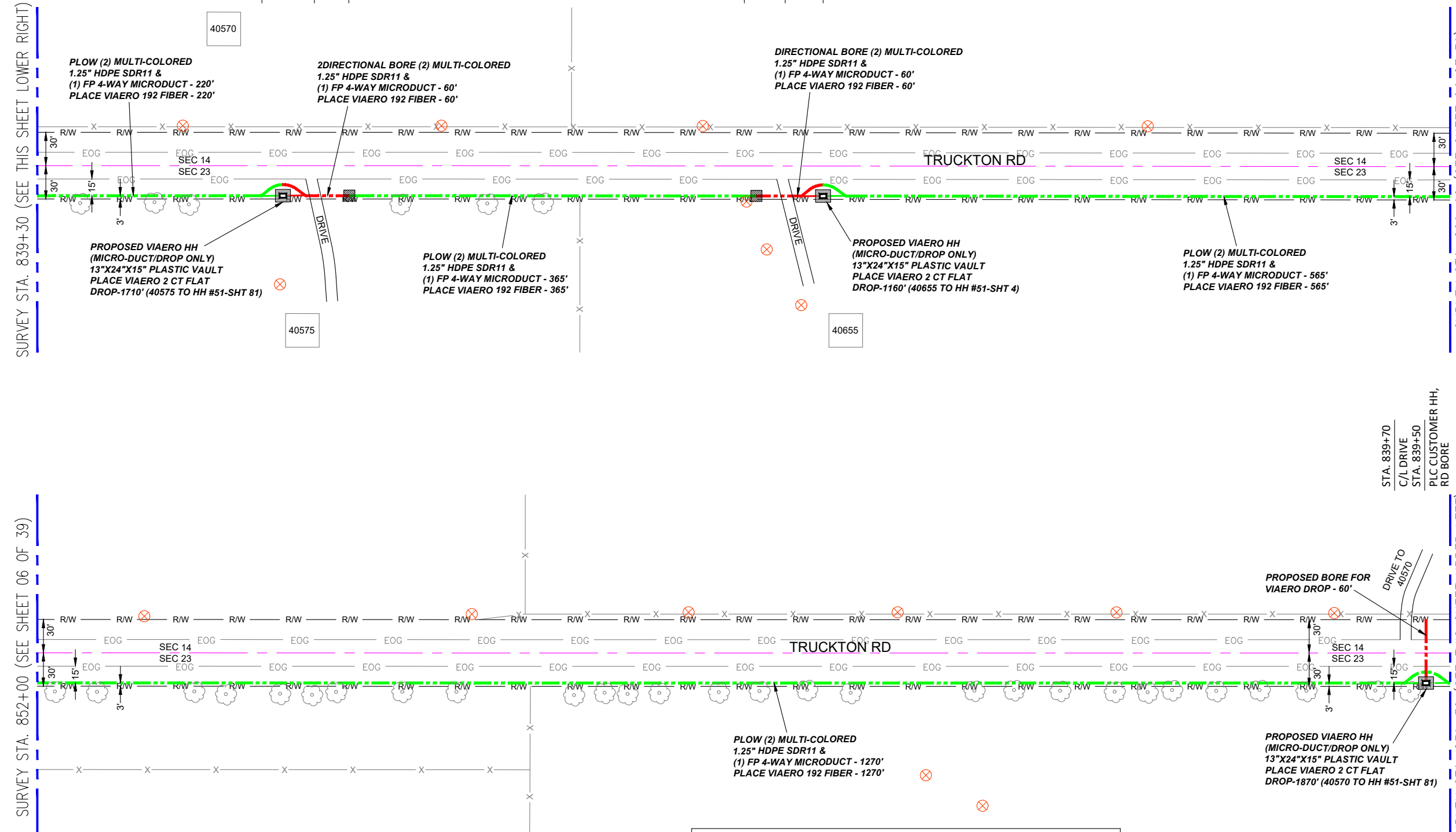
SURVEY STA. 826+60 (SEE SHEET 04 OF 39)

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

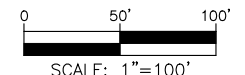
STA. 839+70
C/L DRIVE
STA. 839+50
PLC CUSTOMER HH,
RD BORE



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
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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 R60W

FILE NAME: EL PASO COUNTY
01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS
PROJECT SHEET

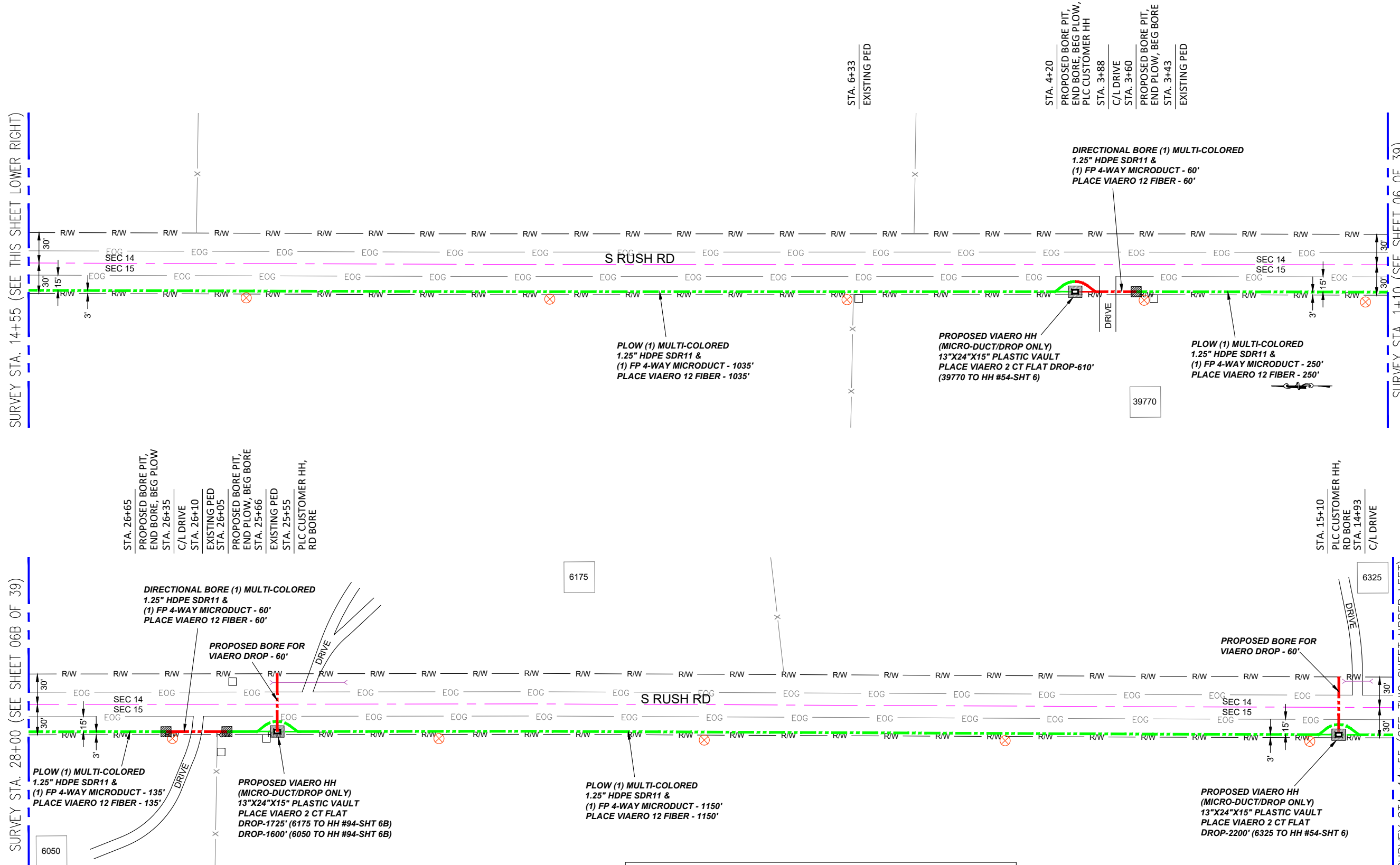
MAP: 05 OF 39

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)



STA. 26+65
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 26+35
C/L DRIVE
STA. 26+10
EXISTING PED
STA. 26+05
PROPOSED BORE PIT,
END PLOW, BEG BORE
STA. 25+66
EXISTING PED
STA. 25+55
PLC CUSTOMER HH,
RD BORE

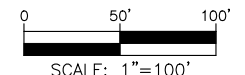
STA. 4+20
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLC CUSTOMER HH
STA. 3+88
C/L DRIVE
STA. 3+60
PROPOSED BORE PIT,
END PLOW, BEG BORE
STA. 3+43
EXISTING PED

STA. 15+10
PLC CUSTOMER HH,
RD BORE
STA. 14+93
C/L DRIVE

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.



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



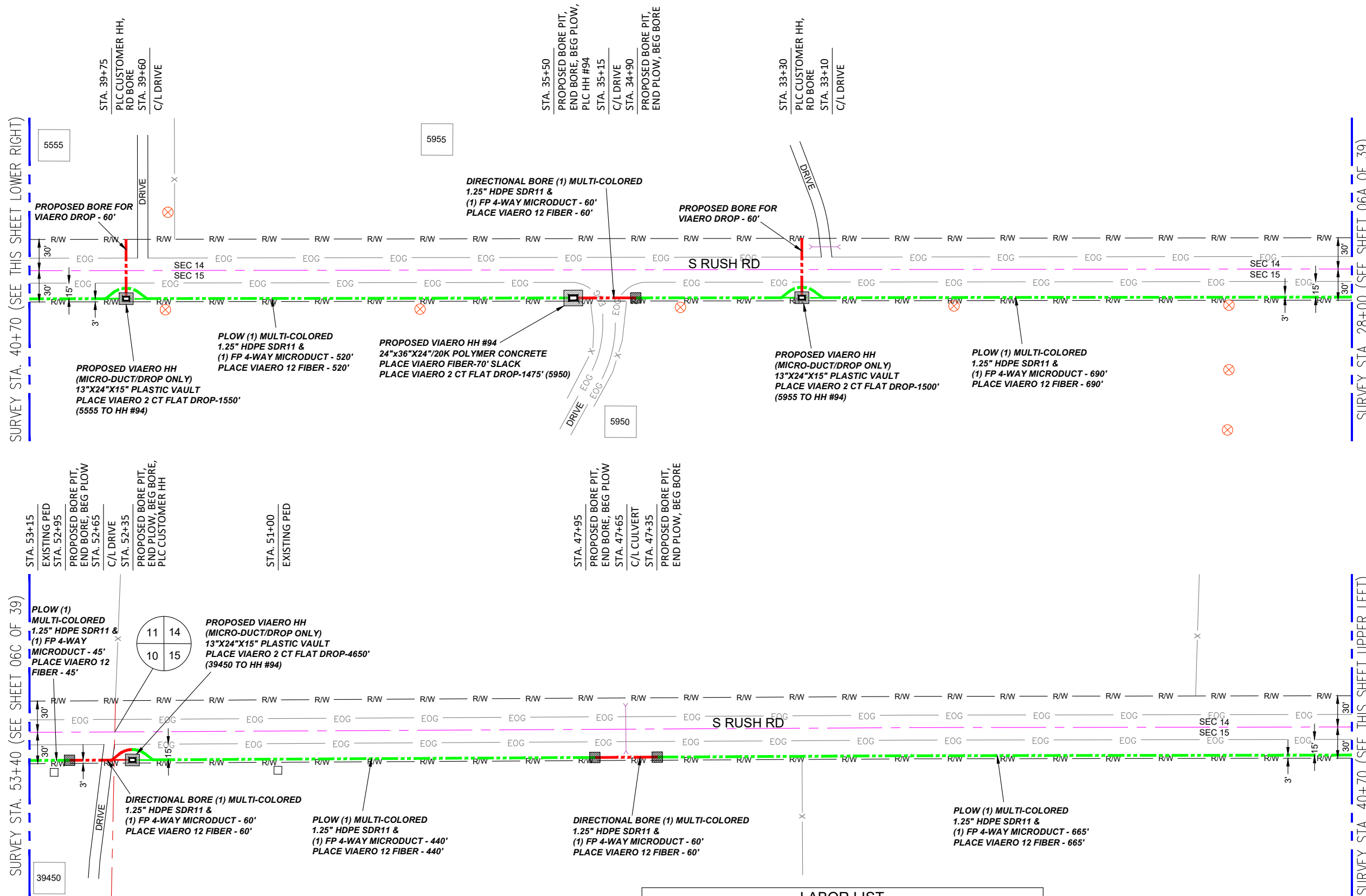
DATE CREATED: 9/21/2022
 DATE REVISED: 11/8/2022
 DATE PLOTTED: 11/8/2022
 DRAWN BY: FEC
 CHECKED BY: FEC
 APPROVED BY: _____
 COMPANY: VIAERO FIBER NETWORKS, LLC
 SITE ADDRESS: RUSH TOWER DISTRIBUTION
 EL PASO COUNTY, CO
 T155 60W
 FILE NAME: EL PASO COUNTY
 01-39.dwg
 DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET
 MAP: **06A OF 39**

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
- 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
- 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:	06B OF 39

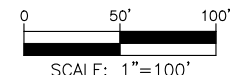
MATERIAL LIST

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	

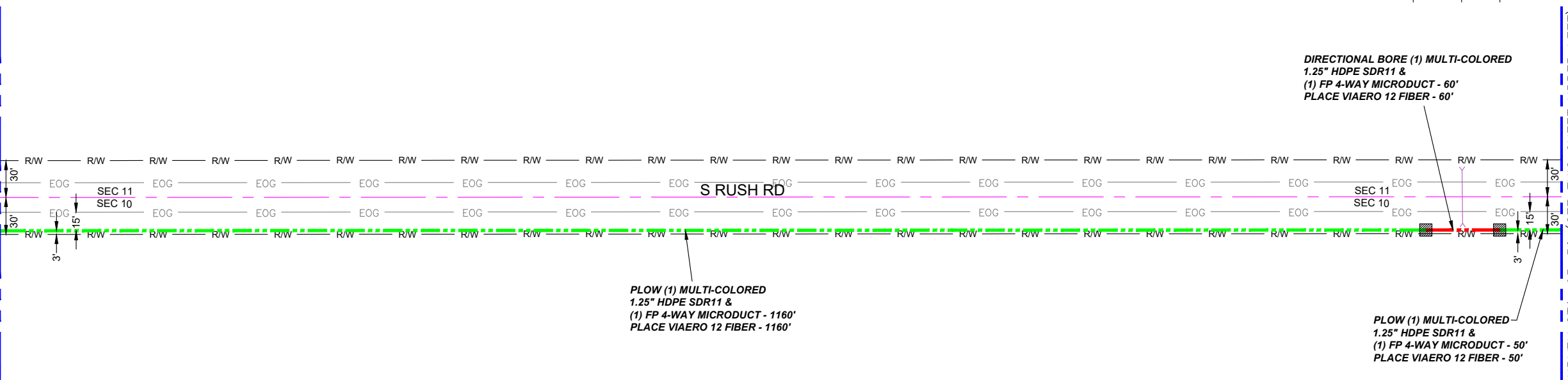
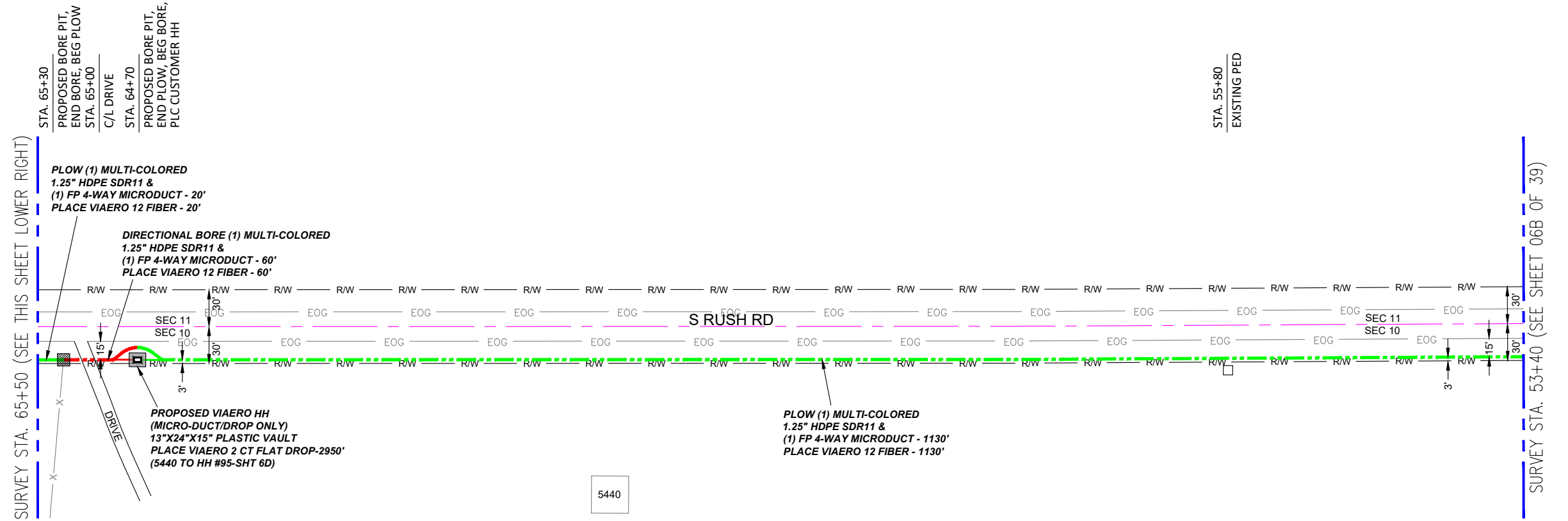
LABOR LIST

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

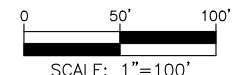
MATERIAL LIST

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

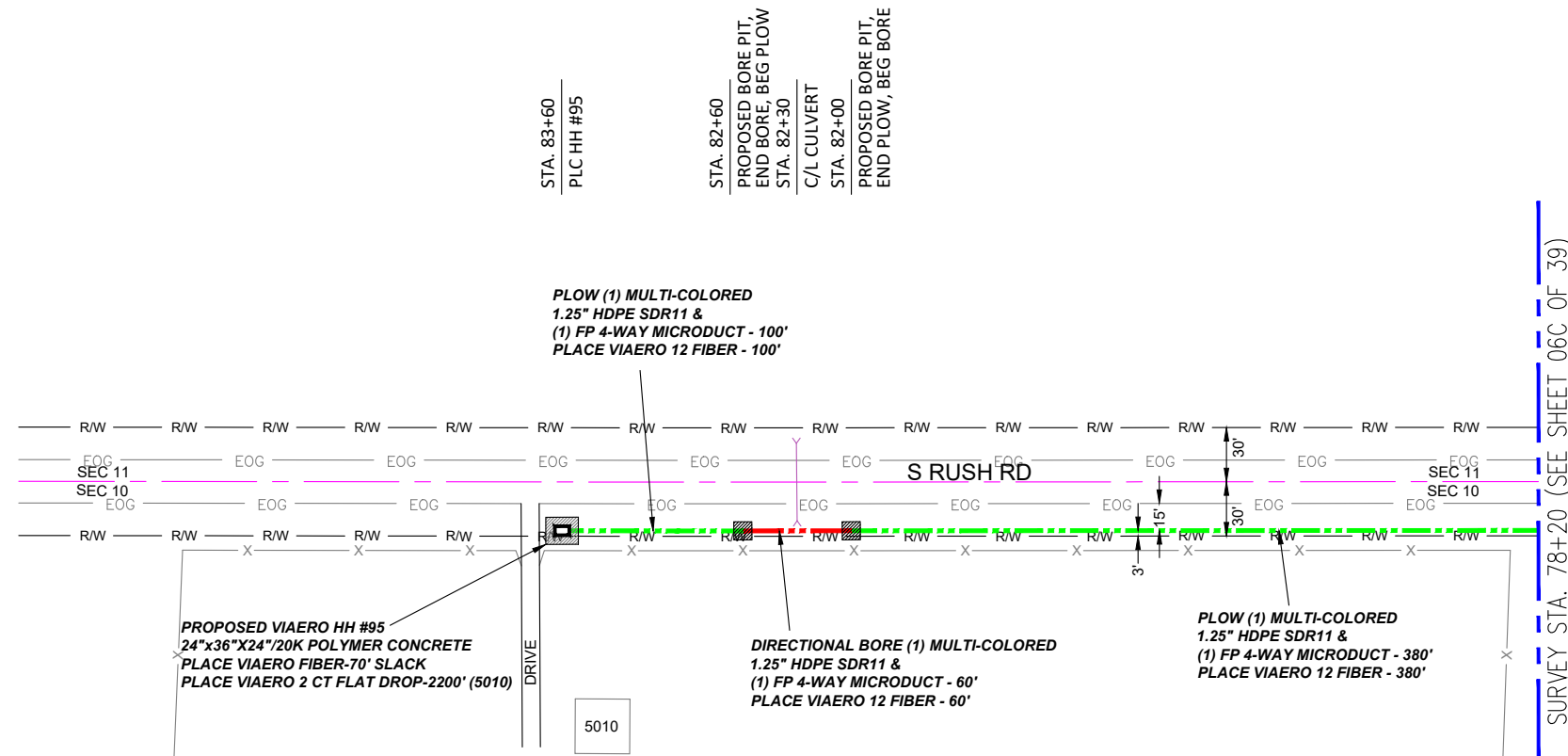
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2360'	
FT	PLACE VIAERO 12 FIBER	2480'	
FT	PLACE VIAERO 2 CT FLAT DROP	2950'	
EA	PLACE VIAERO 24"X36"X24"/20K HH	0	
EA	PLACE VIAERO 13"X24"X15" HH	1	

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



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:	06C OF 39

← 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

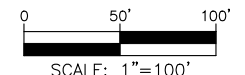
- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - RIGHT-OF-WAY
 - EDGE OF ASPHALT
 - EDGE OF GRAVEL
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND ELECTRIC-EXISTING
 - 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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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:	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'

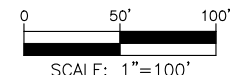
SURVEY STA. 26+40 (SEE SHEET 06F OF 39)

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
- EOP
- EOG
- EOG
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUD 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

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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: **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)

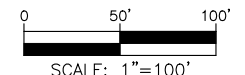
PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-2600'
(7390 TO HH #96-SHT 6G)

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
- 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 T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	06F OF 39

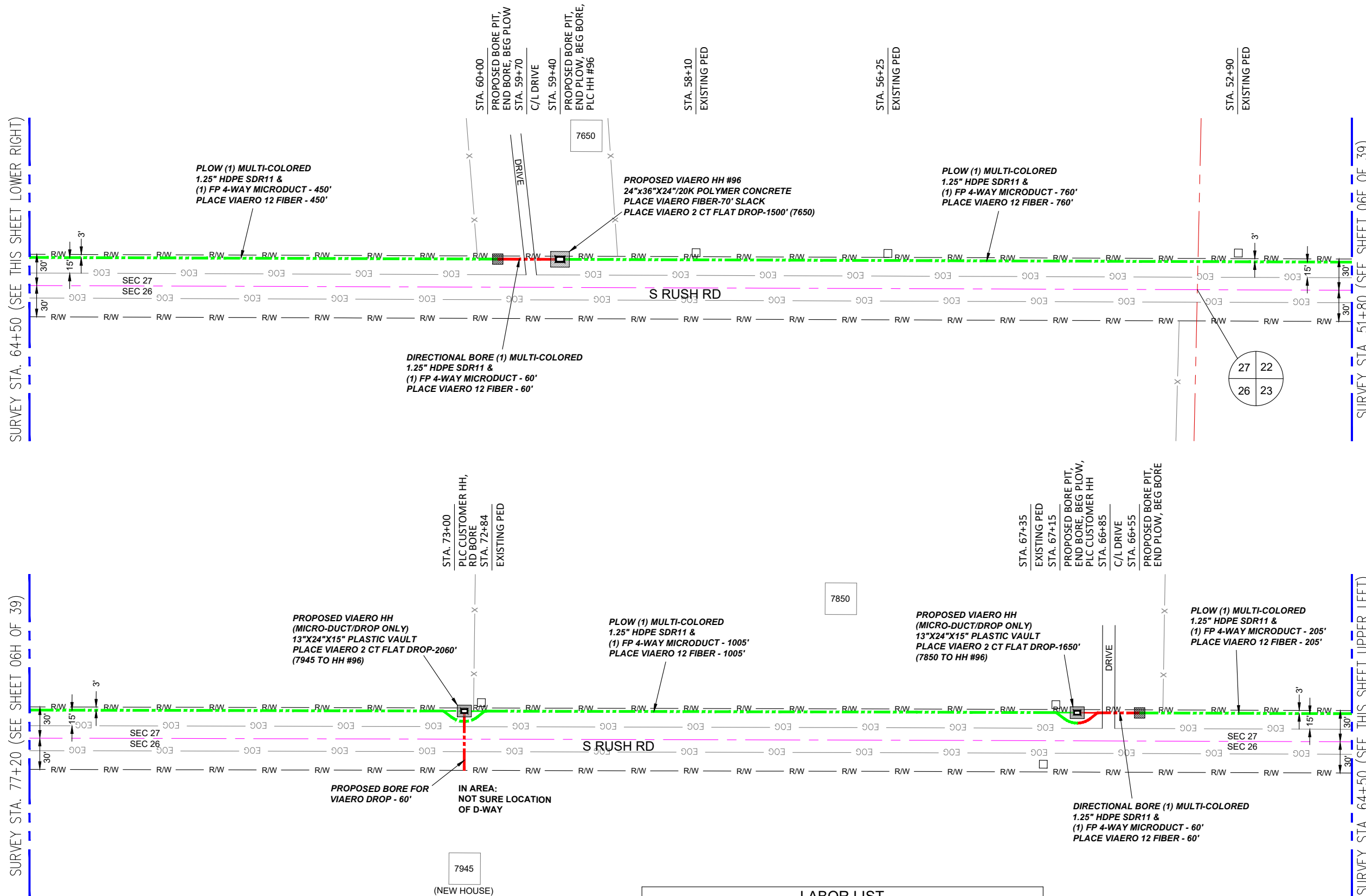
← DIRECTION OF ENGINEERING

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)



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
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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: **06G OF 39**

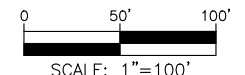
MATERIAL LIST

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	5210'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 13"x24"x15" HH	2	

LABOR LIST

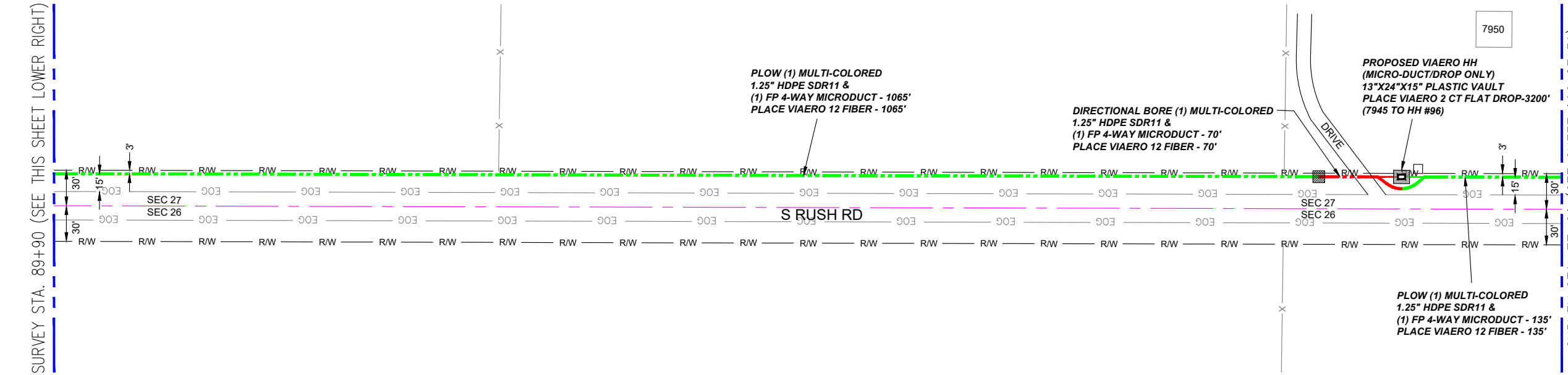
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	DIR BORE (1) MULTI-COLORED 1.25" & (1) FP	120'	
FT	PLOW (1) MULTI-COLORED 1.25" & (1) FP	2420'	
FT	PLACE VIAERO 12 FIBER	2610'	
FT	PLACE VIAERO 2 CT FLAT DROP	5210'	
EA	PLACE VIAERO 24"x36"x24"/20K HH	1	
EA	PLACE VIAERO 13"x24"x15"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

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



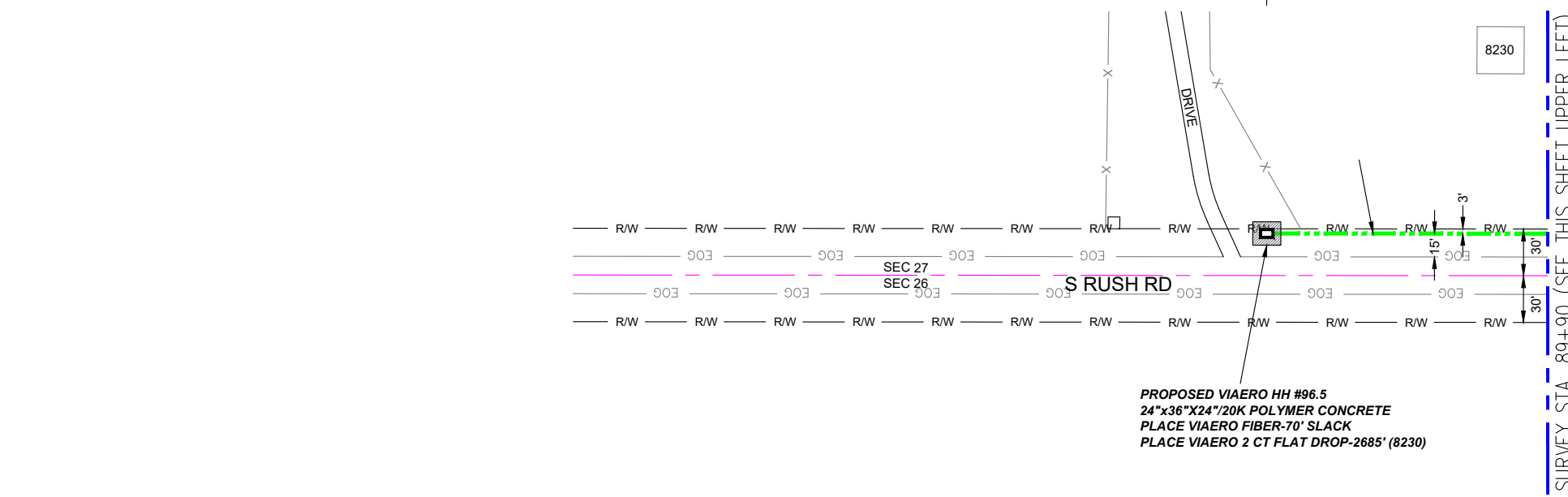
← DIRECTION OF ENGINEERING

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
 - 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



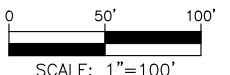
SURVEY STA. 89+90 (SEE THIS SHEET UPPER LEFT)

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	

← DIRECTION OF ENGINEERING

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:	06H OF 39

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

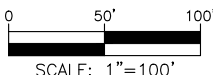
SURVEY STA. 902+05 (SEE SHEET 08 OF 39)

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

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

← DIRECTION OF ENGINEERING

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



STA. 884+05
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLC CUSTOMER HH
STA. 883+60
C/L DRIVE
STA. 883+30
PROPOSED BORE PIT,
END PLOW, BEG BORE

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 530'
PLACE VIAERO 192 FIBER - 530'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT
DROP-1170' (39710 TO HH #54)

DIRECTIONAL BORE (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 75'
PLACE VIAERO 192 FIBER - 75'

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 665'
PLACE VIAERO 192 FIBER - 665'

STA. 900+72
C/L ROAD
STA. 900+45
PROPOSED BORE PIT,
END BORE, BEG PLOW
(MAIN RTE), PLC HH #55
STA. 900+15
C/L DRIVE
STA. 899+85
PROPOSED BORE PIT,
END PLOW, BEG BORE

39320

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 160'
PLACE VIAERO 192 FIBER - 160'

PROPOSED VIAERO HH #55
30"X48"X24"/20K POLYMER CONCRETE
PLACE VIAERO 192 FIBER-100' SLACK
PLACE VIAERO 12 FIBER-80' SLACK
PLACE VIAERO 2 CT FLAT DROP-680' (39320)

DIRECTIONAL BORE (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 60'
PLACE VIAERO 192 FIBER - 60'

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 565'
PLACE VIAERO 192 FIBER - 565'

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT
DROP-1380' (39520 TO HH #55)

39520

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 425'
PLACE VIAERO 192 FIBER - 425'

DIRECTIONAL BORE (2) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 60'
PLACE VIAERO 192 FIBER - 60'

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	

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 REVISED: 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: 07 OF 39

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'

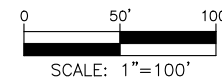
PLOW (1) MULTI-COLORED
1.25" HDPE SDR11 &
(1) FP 4-WAY MICRODUCT - 1270'
PLACE VIAERO 12 FIBER - 1270'

← 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: _____

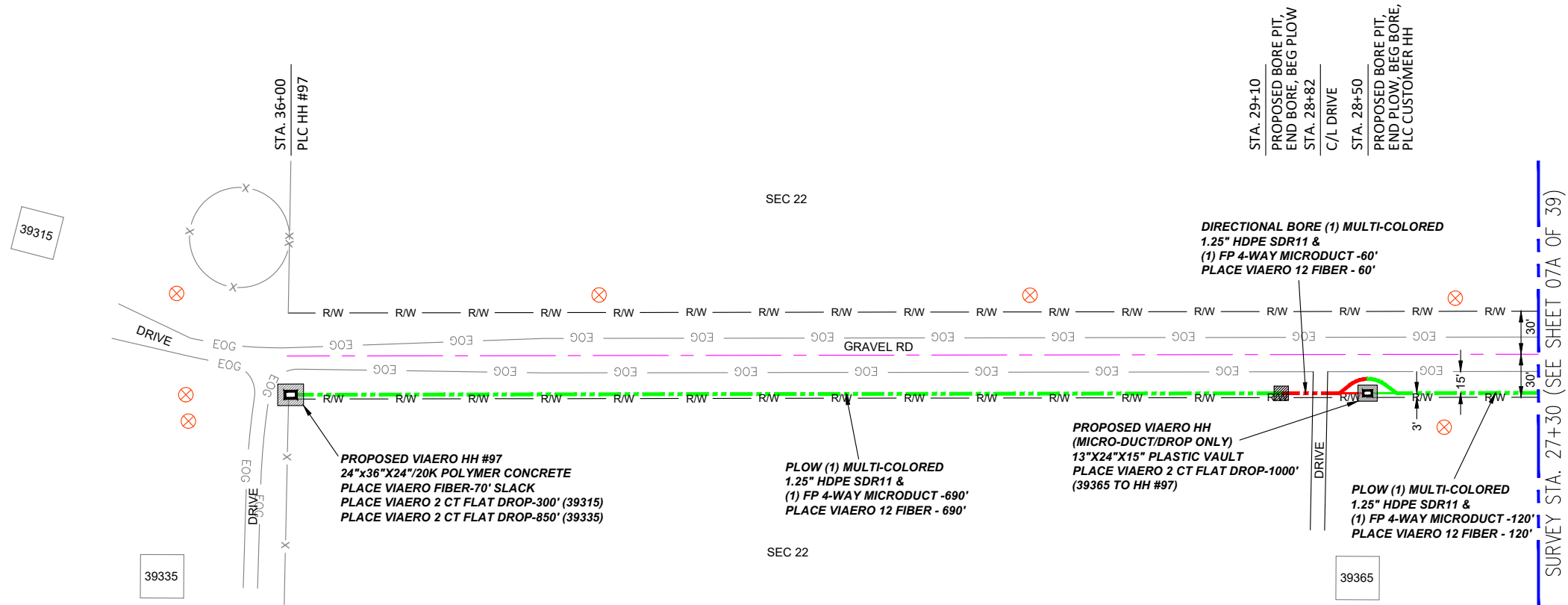
COMPANY:
VIAERO FIBER NETWORKS, LLC

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

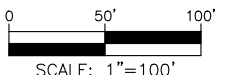
- LINETYPES**
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - R/W RIGHT-OF-WAY
 - EOP EDGE OF ASPHALT
 - EOG EDGE OF GRAVEL
 - EDGE OF SIDEWALK
 - WIRE FENCE-EXISTING
 - WOOD FENCE-EXISTING
 - GUARD RAIL-EXISTING
 - RAILROAD-EXISTING
 - GAS-EXISTING
 - UNDERGROUND 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.



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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:	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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FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	08 OF 39

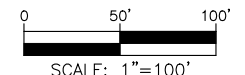
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25\"/>		

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	DIR BORE (2) MULTI-COLORED 1.25\"/>		

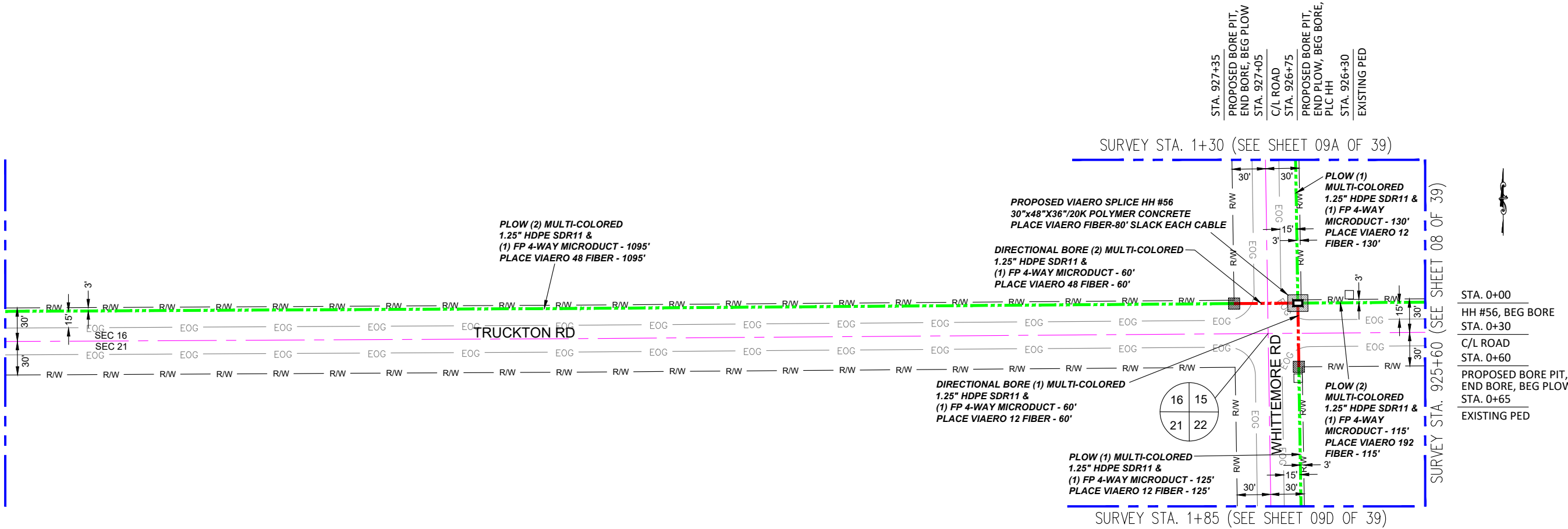
NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



← DIRECTION OF ENGINEERING

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

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



- 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
 - EOA
 - 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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FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	09 OF 39

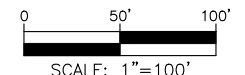
MATERIAL LIST

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.



← DIRECTION OF ENGINEERING

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

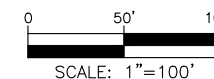
MATERIAL LIST

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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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

← DIRECTION OF ENGINEERING

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'

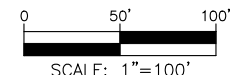
SURVEY STA. 39+40 (SEE THIS SHEET UPPER LEFT)

← 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.

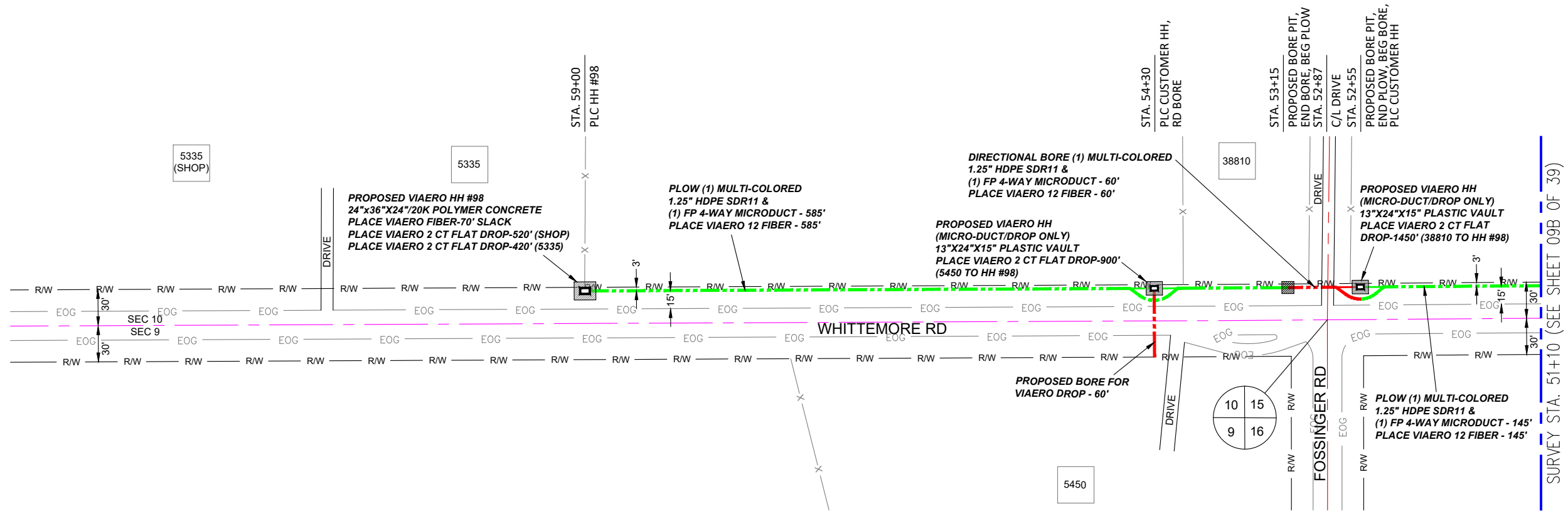


- ### LEGEND
- STREET SIGN
 - FIRE HYDRANT
 - WATER METER
 - GAS METER
 - ELECTRIC METER
 - UTILITY VALVE
 - UTILITY POLE
 - UTILITY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STREET LIGHT
 - EXISTING UTILITY HANDHOLE
 - ELECTRICAL/UTILITY CABINET
 - TELEPHONE PED - CROSS BOX
 - PROPOSED VIAERO MANHOLE
 - 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
 - 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 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
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 - PROPOSED VIAERO HANDHOLE
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- ### LINETYPES
- CONDUIT-NOT IN CONTRACT
 - CONDUIT-PLOW
 - CONDUIT-TRENCH
 - CONDUIT-DIRECTIONAL BORE
 - R/W
 - EOP
 - 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

5335 (SHOP)

5335

38810

5450

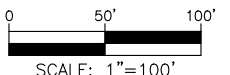
SURVEY STA. 51+10 (SEE SHEET 09B OF 39)

← 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	

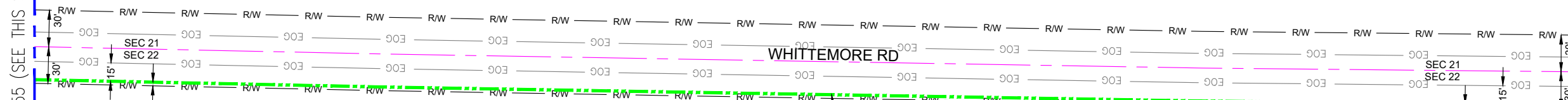
NOTE:
PLACE CAUTION WARNING RIBBON
1 FOOT ABOVE THE CABLE.



DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
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:	09C OF 39

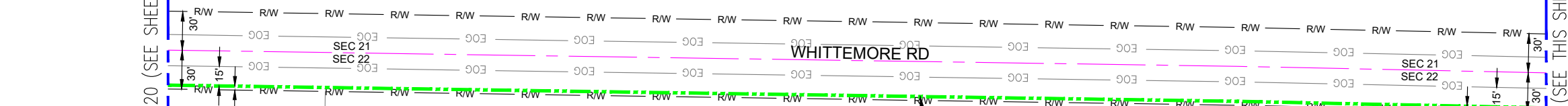
SURVEY STA. 14+55 (SEE THIS SHEET LOWER RIGHT)

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



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

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

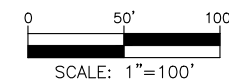


← DIRECTION OF ENGINEERING

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
- R/W
- EOP
- 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



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**

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

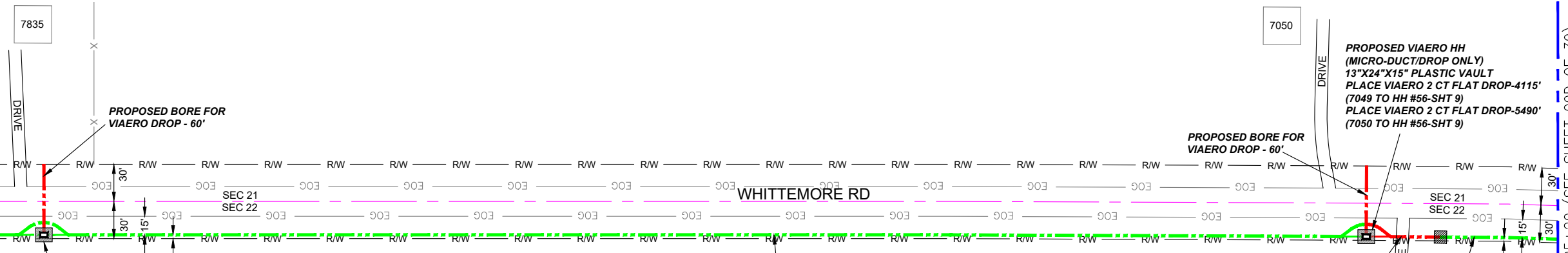
SURVEY STA. 50+60 (SEE SHEET 09F OF 39)

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

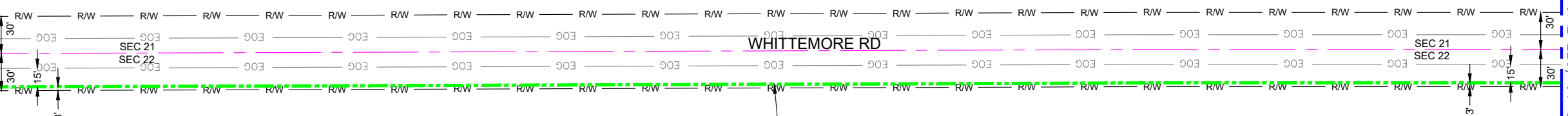


PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13"X24"X15" PLASTIC VAULT
PLACE VIAERO 2 CT FLAT DROP-2100'
(7835 TO HH #99-SHT 9F)

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'

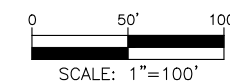
MATERIAL LIST

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
- 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
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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:	09E OF 39

← DIRECTION OF ENGINEERING

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

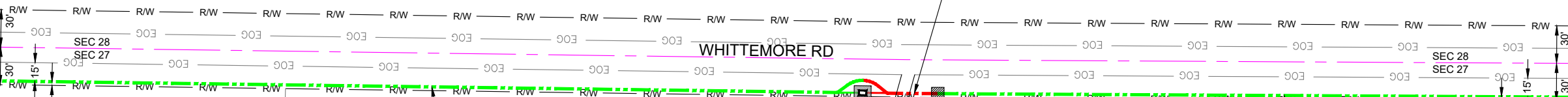
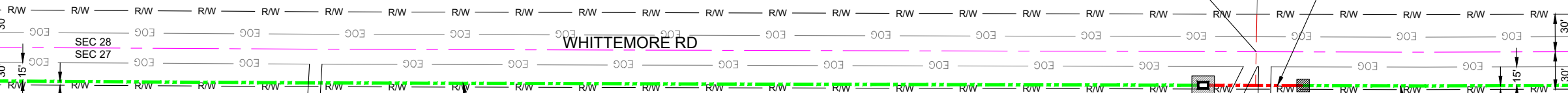
SURVEY STA. 76+00 (SEE SHEET 09G OF 39)

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\"/>

PROPOSED VIAERO HH #99
24\"/>

PLOW (1) MULTI-COLORED
1.25\"/>

PLOW (1) MULTI-COLORED
1.25\"/>

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13\"/>

PLOW (1) MULTI-COLORED
1.25\"/>

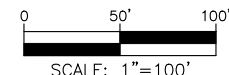
MATERIAL LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25\"/>		
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2610'	
FT	VIAERO 2 CT FLAT DROP	7550'	
EA	VIAERO 24\"/>		
EA	VIAERO 13\"/>		

LABOR LIST

UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25\"/>		
FT	PLOW (1) MULTI-COLORED 1.25\"/>		
FT	PLACE VIAERO 12 FIBER	2610'	
FT	PLACE VIAERO 2 CT FLAT DROP	7550'	
EA	PLACE VIAERO 24\"/>		
EA	PLACE VIAERO 13\"/>		

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
- UNDERGROUD ELECTRIC-EXISTING
- OHE
- 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
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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:	09F OF 39

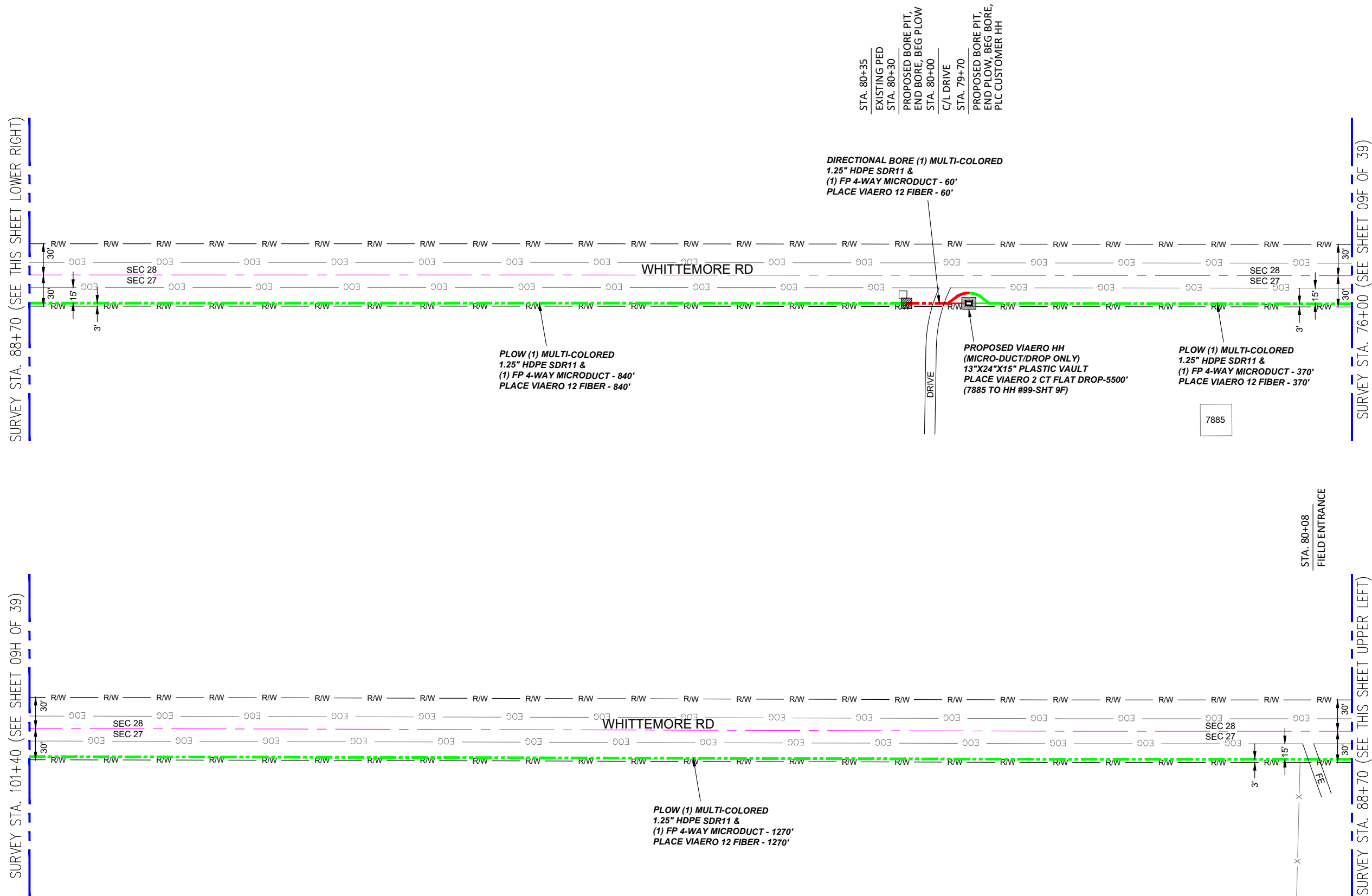
← DIRECTION OF ENGINEERING

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

PLOW (1) MULTI-COLORED
1.25\"/>

PROPOSED VIAERO HH
(MICRO-DUCT/DROP ONLY)
13\"/>

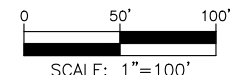
PLOW (1) MULTI-COLORED
1.25\"/>

PLOW (1) MULTI-COLORED
1.25\"/>

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (1) MULTI-COLORED 1.25\"/>	2540'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	2540'	
FT	VIAERO 12 FIBER	2540'	
FT	VIAERO 2 CT FLAT DROP	5500'	
EA	VIAERO 24\"/>	0	
EA	VIAERO 13\"/>	1	

LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) MULTI-COLORED 1.25\"/>	60'	
FT	PLOW (1) MULTI-COLORED 1.25\"/>	2480'	
FT	PLACE VIAERO 12 FIBER	2540'	
FT	PLACE VIAERO 2 CT FLAT DROP	5500'	
EA	PLACE VIAERO 24\"/>	0	
EA	PLACE VIAERO 13\"/>	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

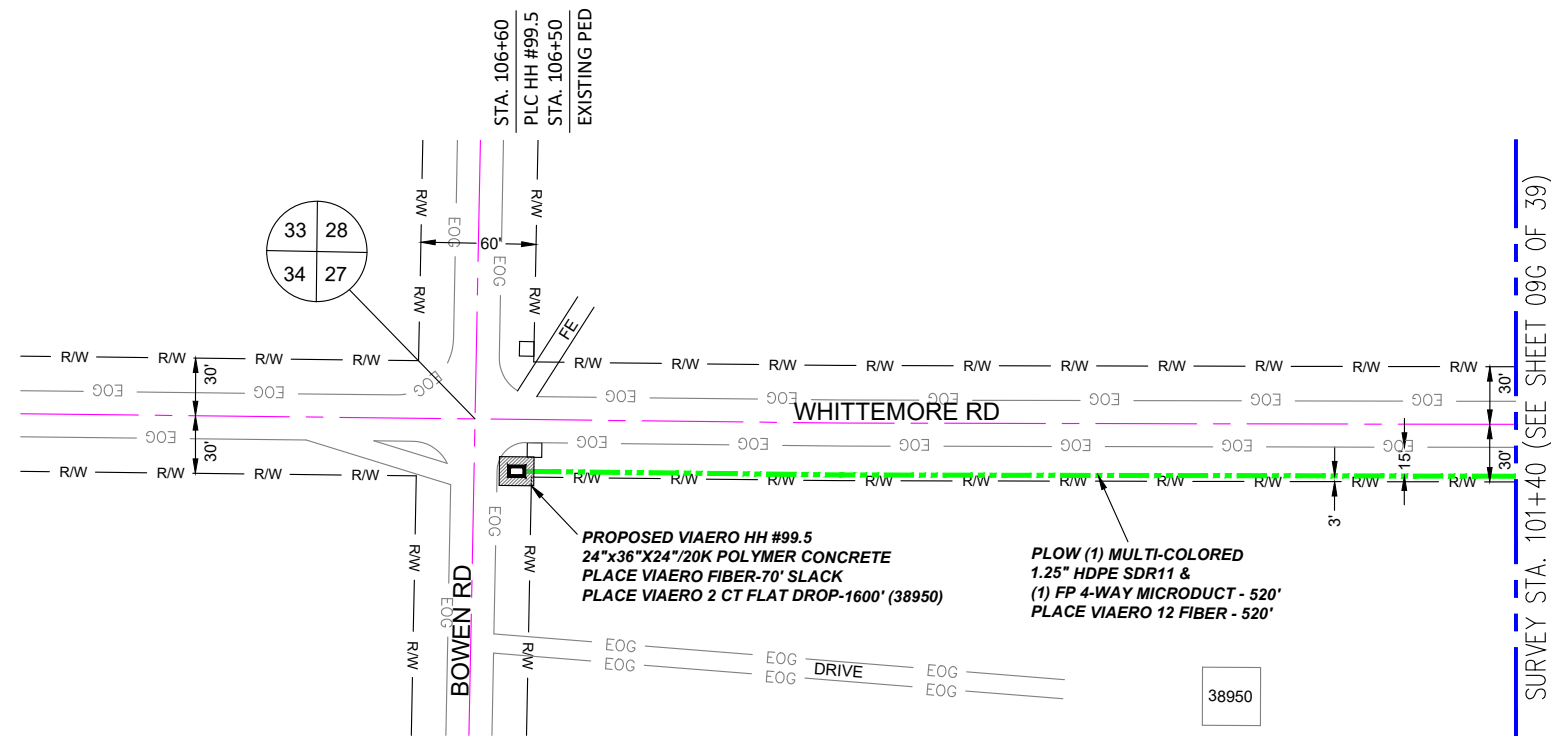
LINETYPES

- 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



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 T155 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	09G OF 39

← 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



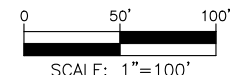
DATE CREATED:	9/21/2022
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DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	_____
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S 60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT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

← 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.



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

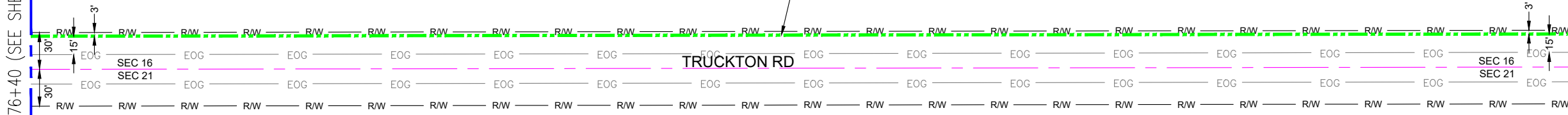
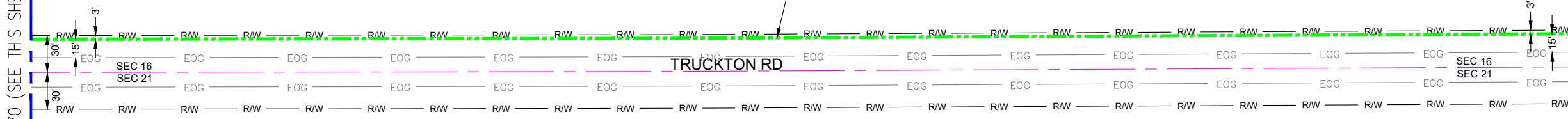
SURVEY STA. 976+40 (SEE SHEET 11 OF 39)

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'



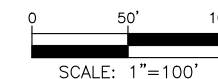
MATERIAL LIST

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	

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: _____

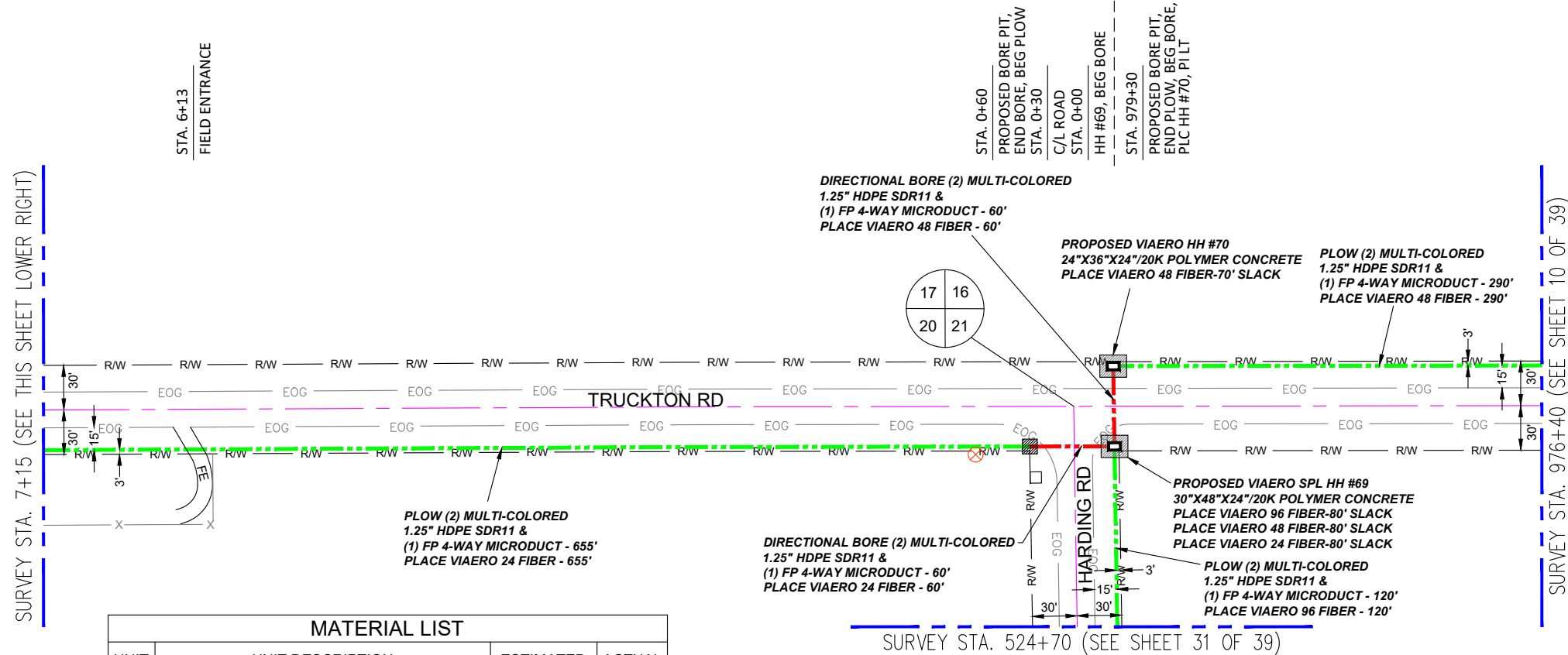
COMPANY:
VIAERO FIBER NETWORKS, LLC

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: 10 OF 39



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

STA. 6+13
FIELD ENTRANCE

STA. 0+60
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 0+30
C/L ROAD
STA. 0+00
HH #69, BEG BORE
STA. 979+30
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLC HH #70, PLT

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

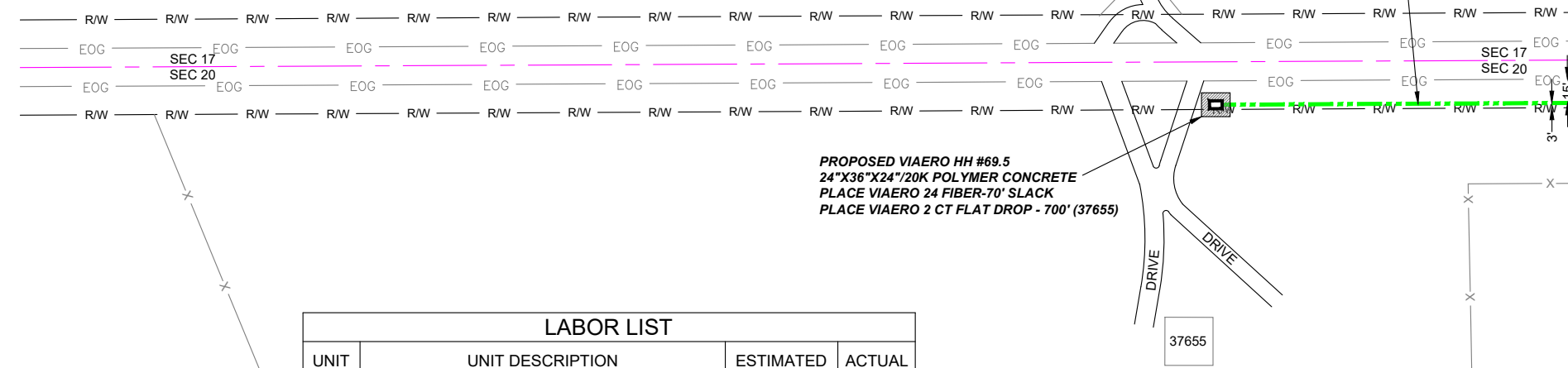
STA. 979+30
HH #70 (REF)
STA. 979+60
C/L ROAD
STA. 979+90(NORTH)=525+90(SOUTH)
PROPOSED BORE PIT,
END BORE, PLC HH #69

SURVEY STA. 524+70 (SEE SHEET 31 OF 39)

STA. 9+70
PROPOSED BORE PIT,
PLC HH #69.5

SURVEY STA. 7+15 (SEE THIS SHEET UPPER LEFT)

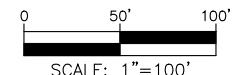
MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	1440'	
FT	VIAERO (1) FP 4-WAY MICRODUCT	1440'	
FT	VIAERO 96 FIBER	200'	
FT	VIAERO 48 FIBER	500'	
FT	VIAERO 24 FIBER	1120'	
FT	VIAERO 2 CT FLAT DROP	700'	
EA	VIAERO 24"X36"X24"/20K HH	2	
EA	VIAERO 30"X48"X24"/20K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



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	

← 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
- 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

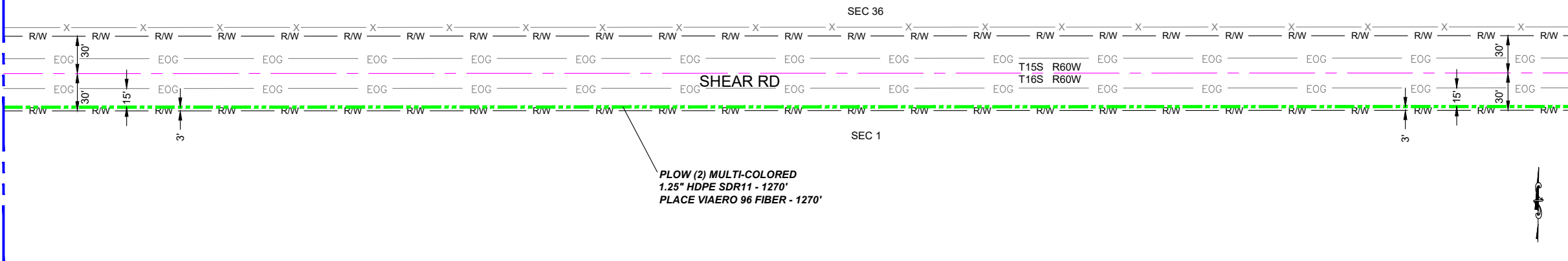
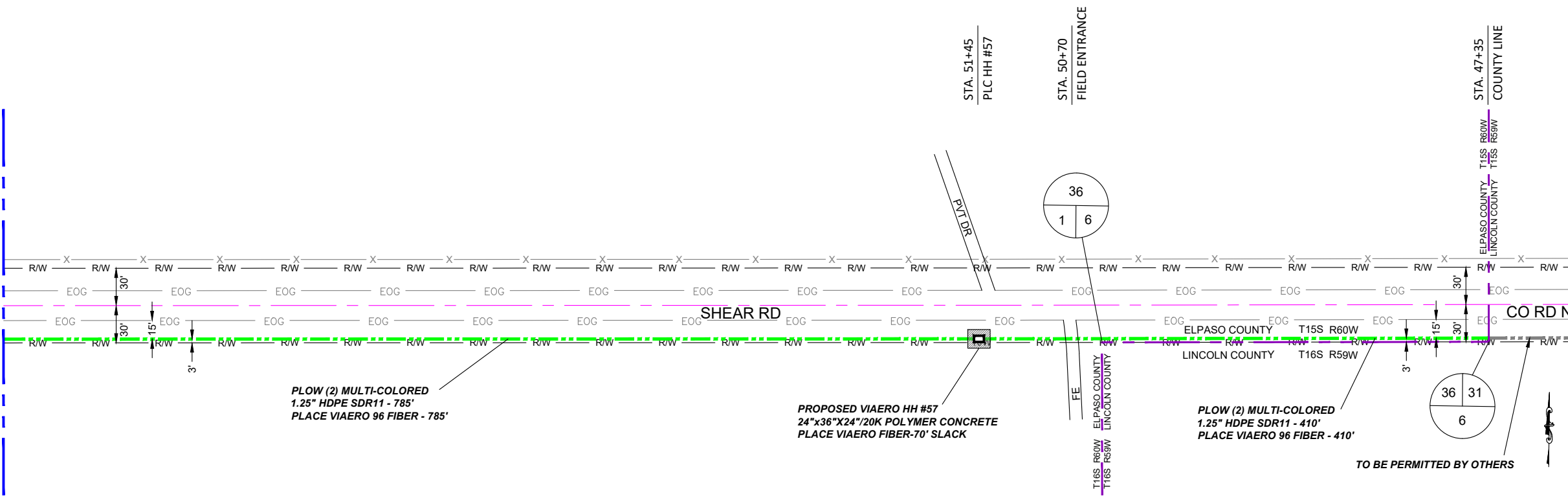


DATE CREATED:	9/21/2022
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DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION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



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

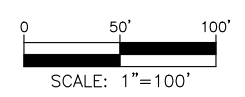


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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO & LINCOLN COUNTY, CO T15S, T16S, R59W, R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	12 OF 39

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.



← DIRECTION OF ENGINEERING

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

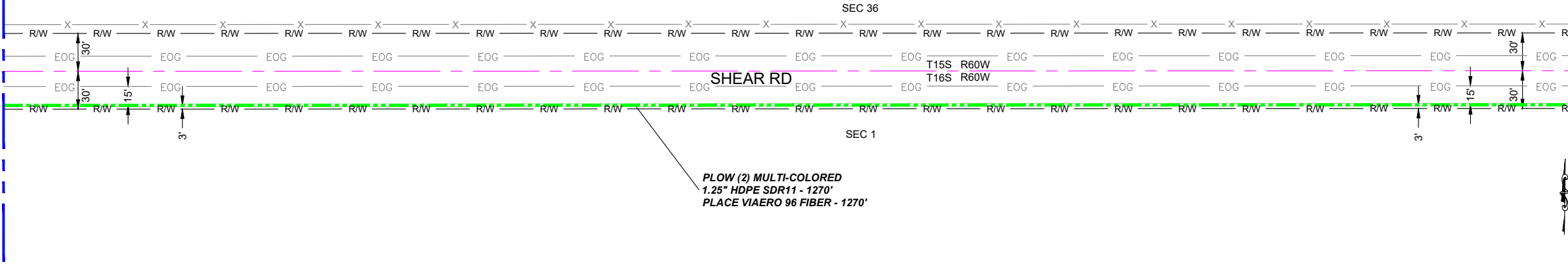
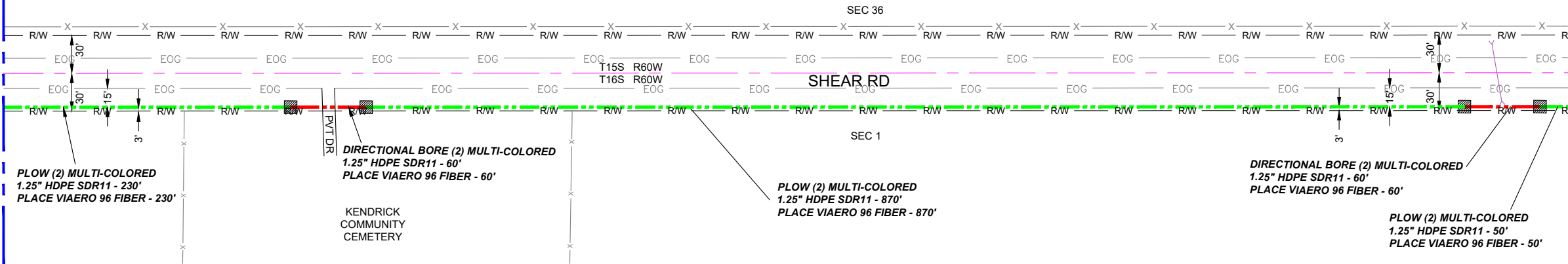
SURVEY STA. 97+40 (SEE SHEET 14 OF 39)

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

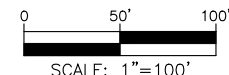
STA. 73+10
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 72+80
CULVERT
STA. 72+50
PROPOSED BORE PIT,
END PLOW, BEG BORE



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.



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
- X - 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 T16S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	13 OF 39

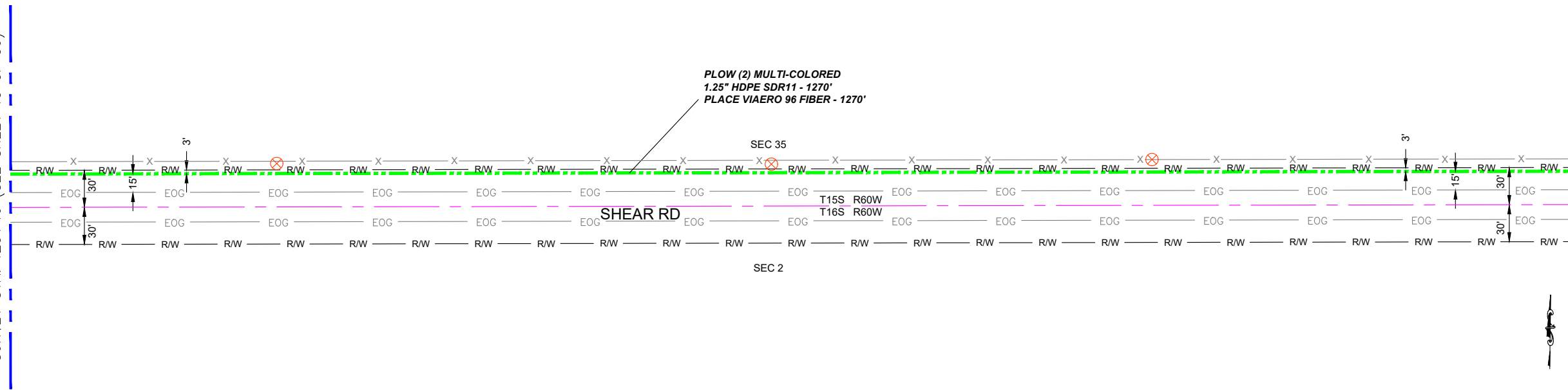
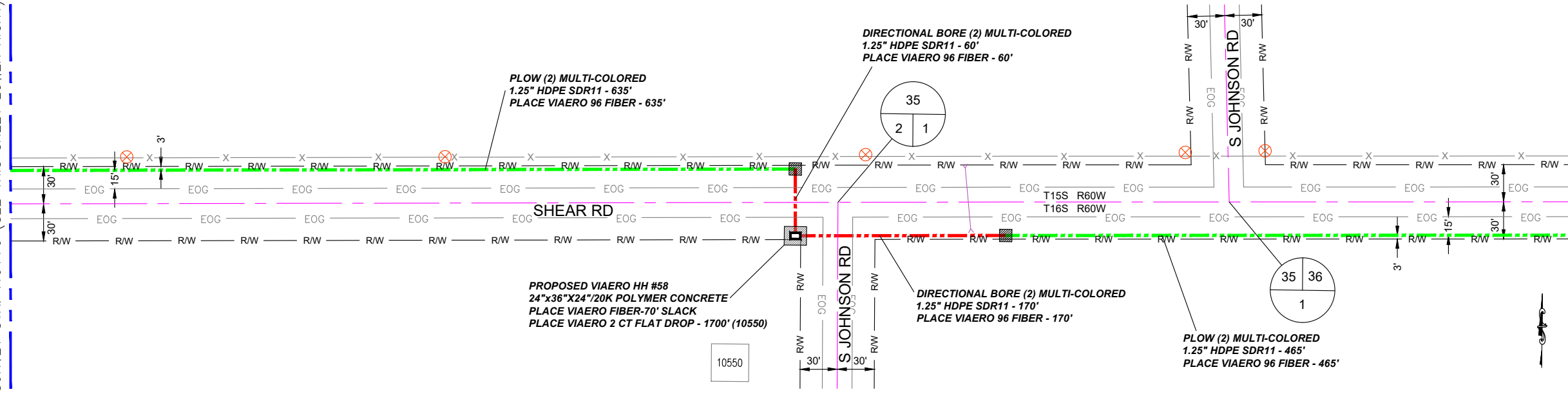
SURVEY STA. 110+70 (SEE THIS SHEET LOWER RIGHT)

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



MATERIAL LIST

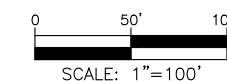
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25" SDR-11	2600'	
FT	VIAERO 96 FIBER	2670'	
EA	VIAERO 24"x36"x24"/20K HH	1	
EA	VIAERO 30"x48"x24"/20K SP HH	0	
FT	VIAERO 2CT FLAT DROP	1700'	

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'	

← 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
- UNDERGROUD 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)

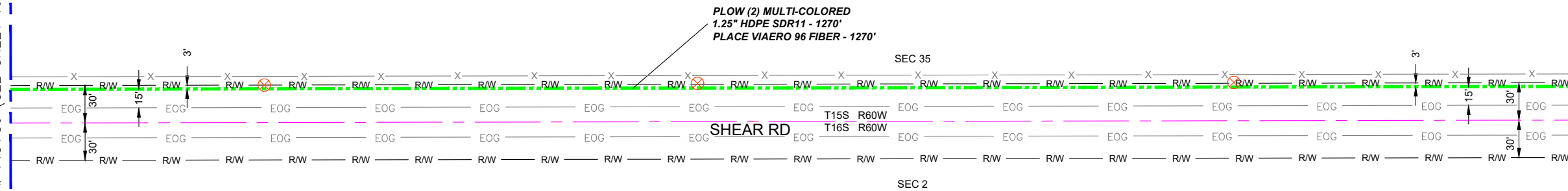
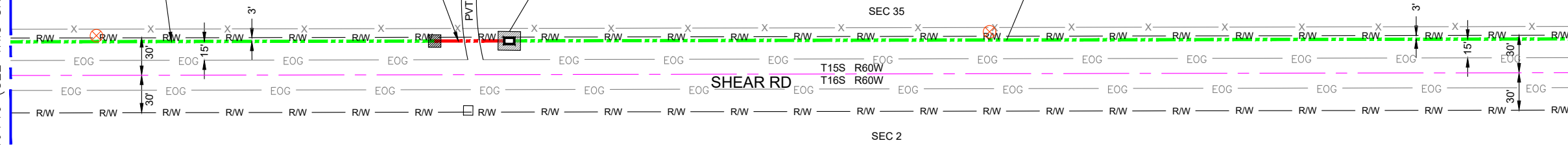
STA. 132+70
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 132+40
PRIVATE DRIVE
STA. 132+10
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLACE HH

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

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'



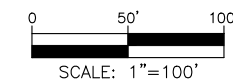
MATERIAL LIST

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
- 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
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COMPANY:
VIAERO FIBER NETWORKS, LLC

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

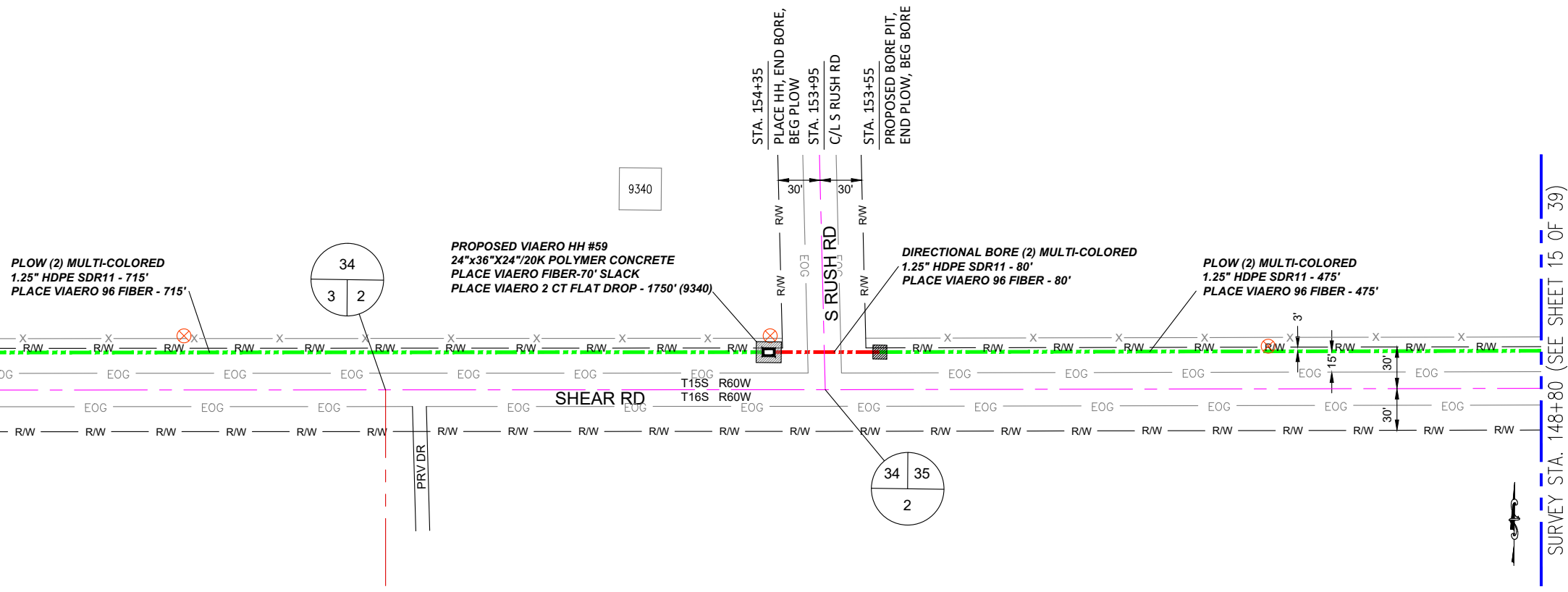
FILE NAME: EL PASO COUNTY
01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS
PROJECT SHEET

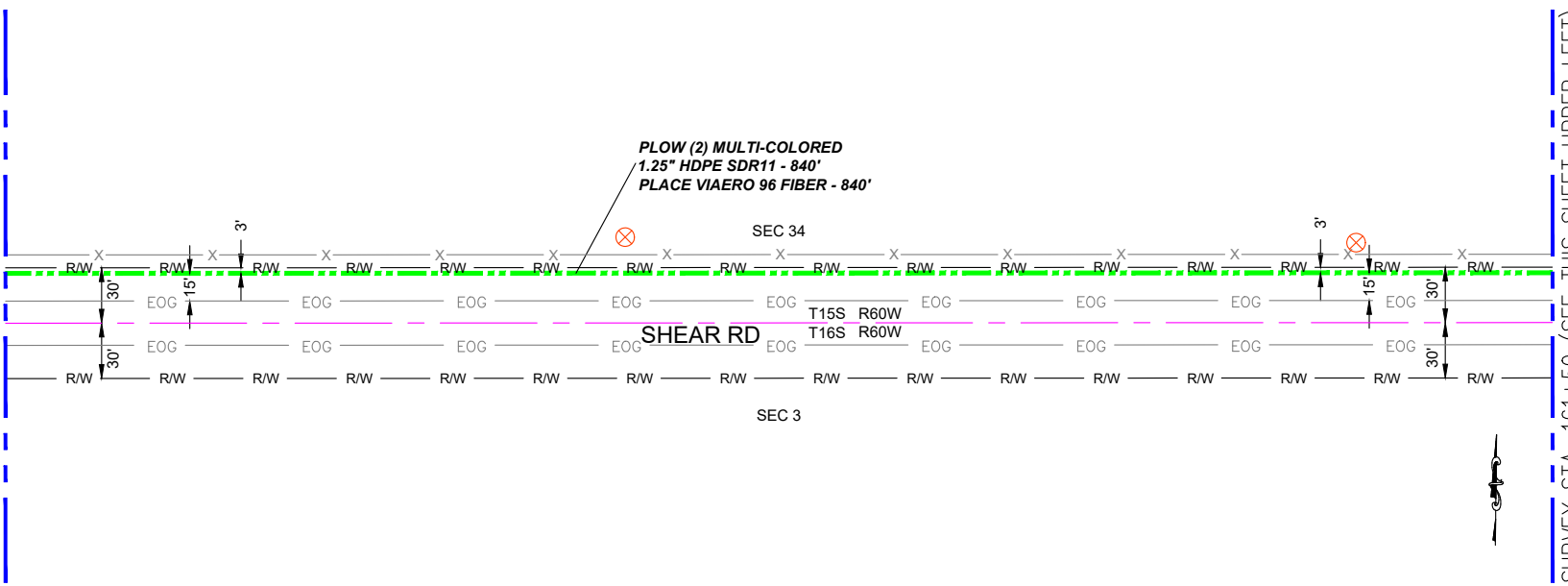
MAP: 15 OF 39

← DIRECTION OF ENGINEERING

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



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



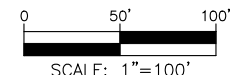
SURVEY STA. 161+50 (SEE THIS SHEET UPPER LEFT)

← 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

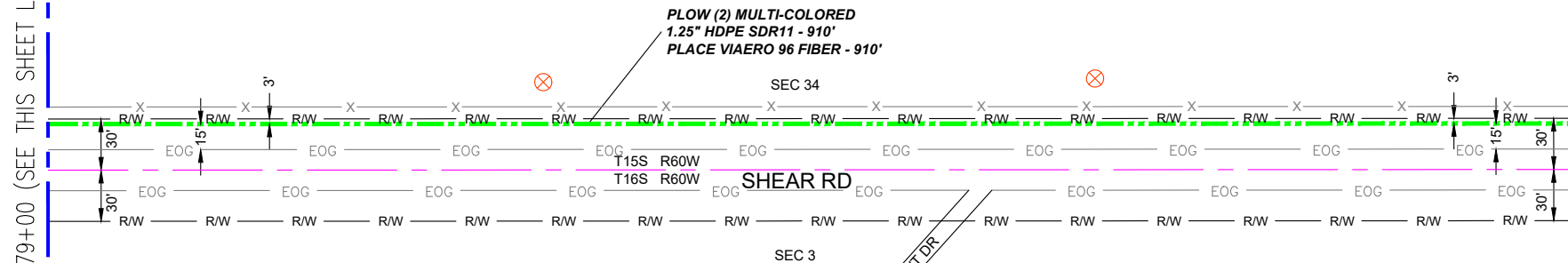
FILE NAME: EL PASO COUNTY
01-39.dwg

DESCRIPTION: CONSTRUCTION PLANS
PROJECT SHEET

MAP: 16 OF 39

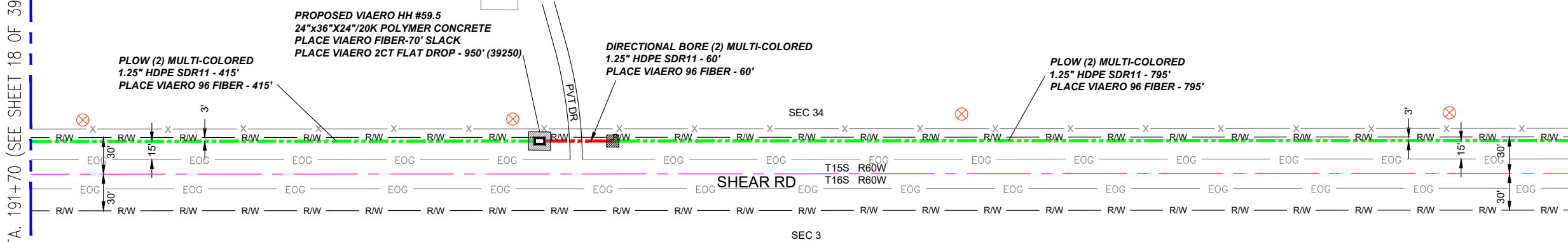
SURVEY STA. 179+00 (SEE THIS SHEET LOWER RIGHT)

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



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

SURVEY STA. 179+00 (SEE THIS SHEET UPPER LEFT)

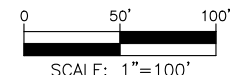


← DIRECTION OF ENGINEERING

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
- 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



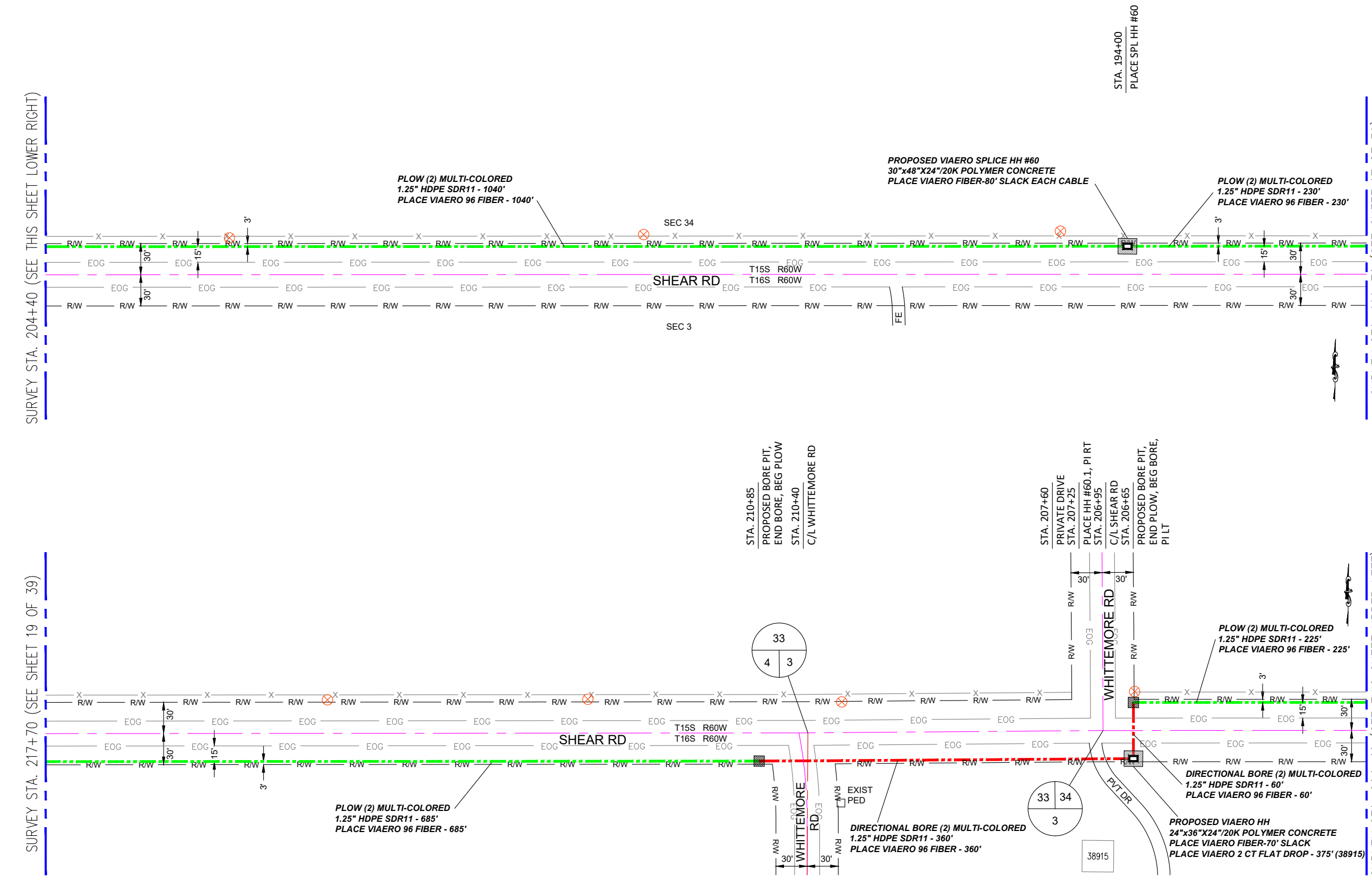
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DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
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CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S T16S R60W
FILE NAME:	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)

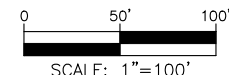


← DIRECTION OF ENGINEERING

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



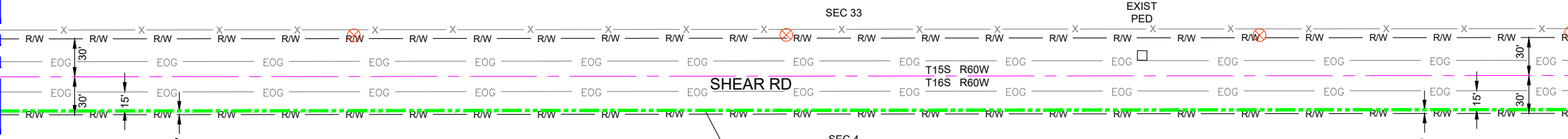
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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S T16S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	18 OF 39

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'

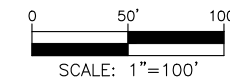
MATERIAL LIST

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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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:	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'

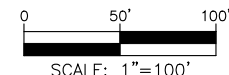
MATERIAL LIST

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



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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

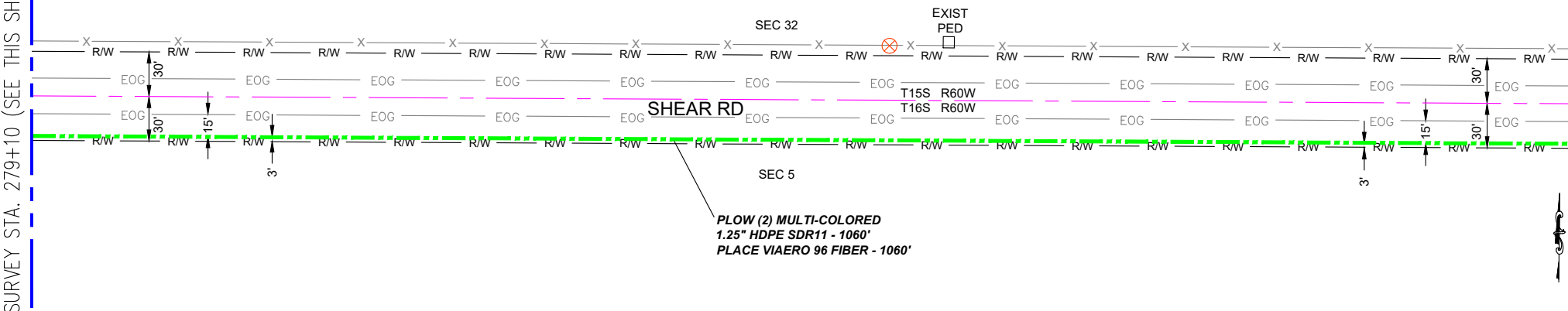
DESCRIPTION: CONSTRUCTION PLANS
PROJECT SHEET

MAP: 20 OF 39

← DIRECTION OF ENGINEERING

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

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

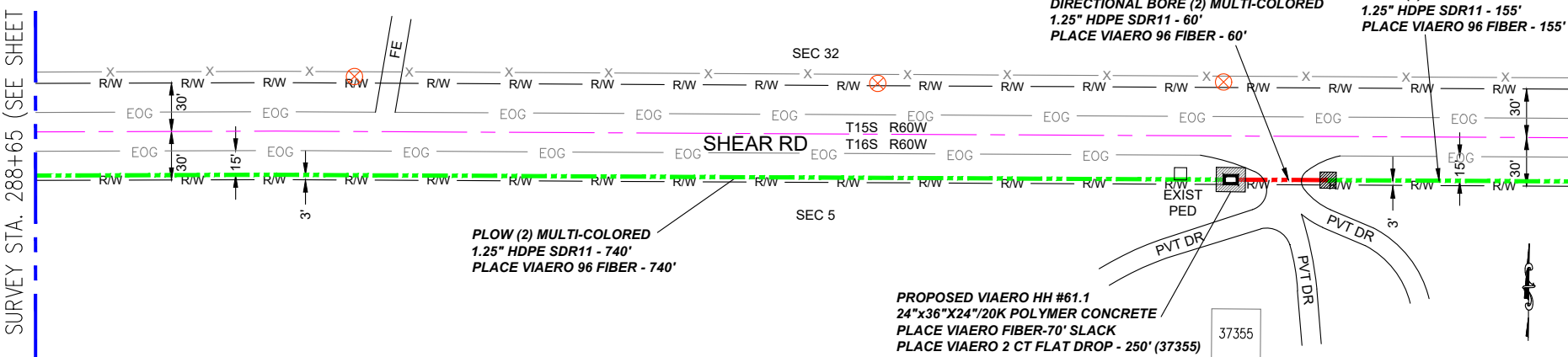


PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 1060'
PLACE VIAERO 96 FIBER - 1060'

STA. 281+25
PROPOSED BORE PIT,
END BORE, BEG PLOW,
PLACE HH #61.1
STA. 280+95
PRIVATE DRIVE
STA. 280+65
PROPOSED BORE PIT,
END PLOW, BEG BORE

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

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



PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 740'
PLACE VIAERO 96 FIBER - 740'

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

PLOW (2) MULTI-COLORED
1.25" HDPE SDR11 - 155'
PLACE VIAERO 96 FIBER - 155'

PROPOSED VIAERO HH #61.1
24"x36"x24"/20K POLYMER CONCRETE
PLACE VIAERO FIBER-70' SLACK
PLACE VIAERO 2 CT FLAT DROP - 250' (37355)

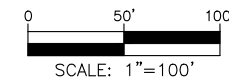
MATERIAL LIST

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.



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

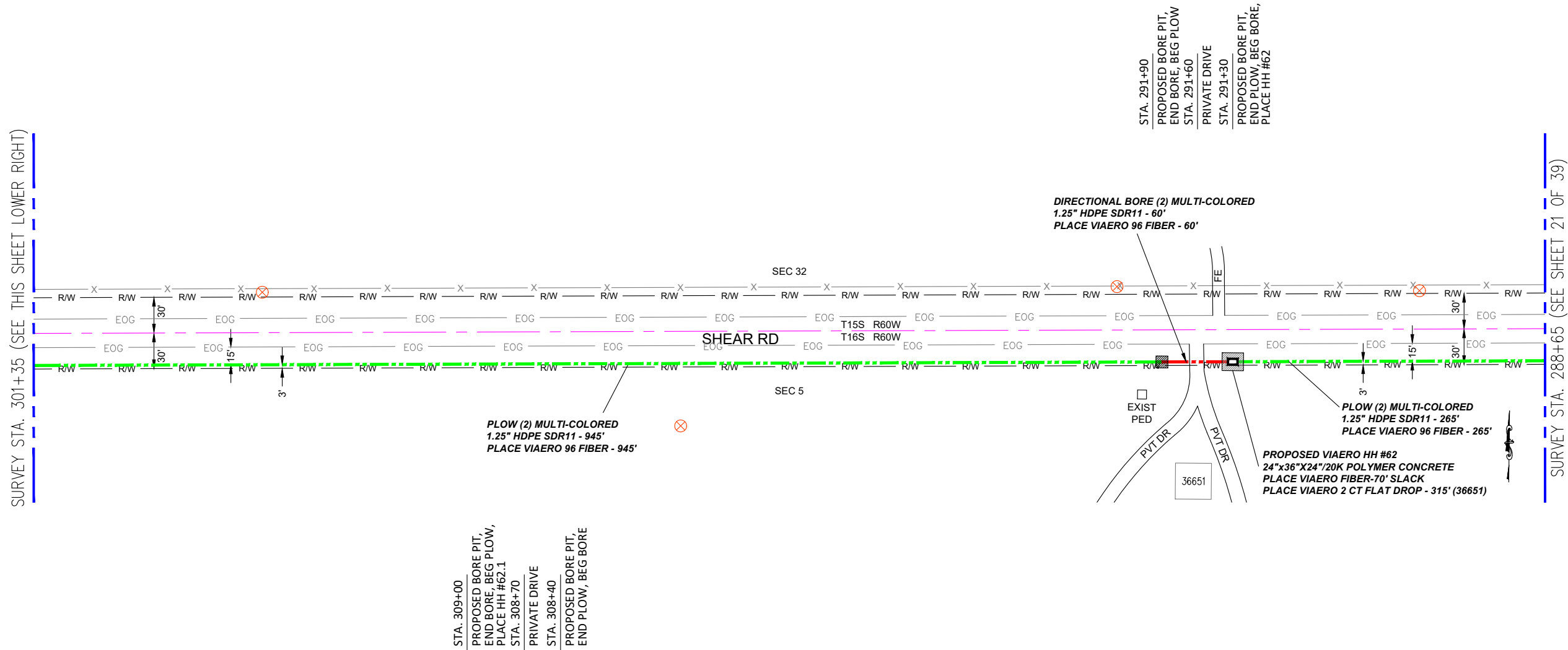


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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S T16S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	21 OF 39

← 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

LEGEND

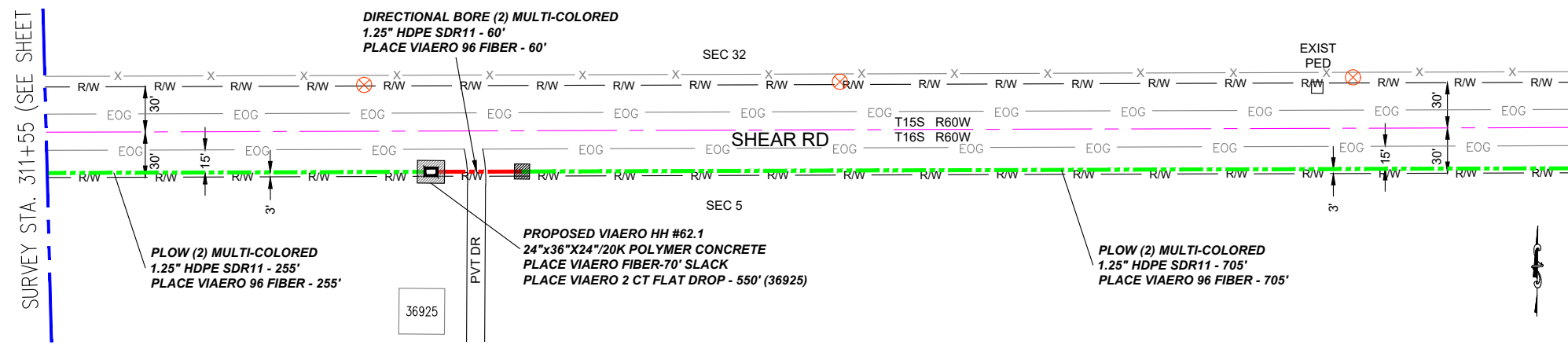
- STREET SIGN
- FIRE HYDRANT
- WATER METER
- GAS METER
- ELECTRIC METER
- UTILITY VALVE
- UTILITY POLE
- UTILITY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STREET LIGHT
- EXISTING UTILITY HANDHOLE
- ELECTRICAL/UTILITY CABINET
- TELEPHONE PED - CROSS BOX
- PROPOSED VIAERO MANHOLE
- PROPOSED VIAERO HANDHOLE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

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'

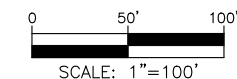
MATERIAL LIST

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.



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

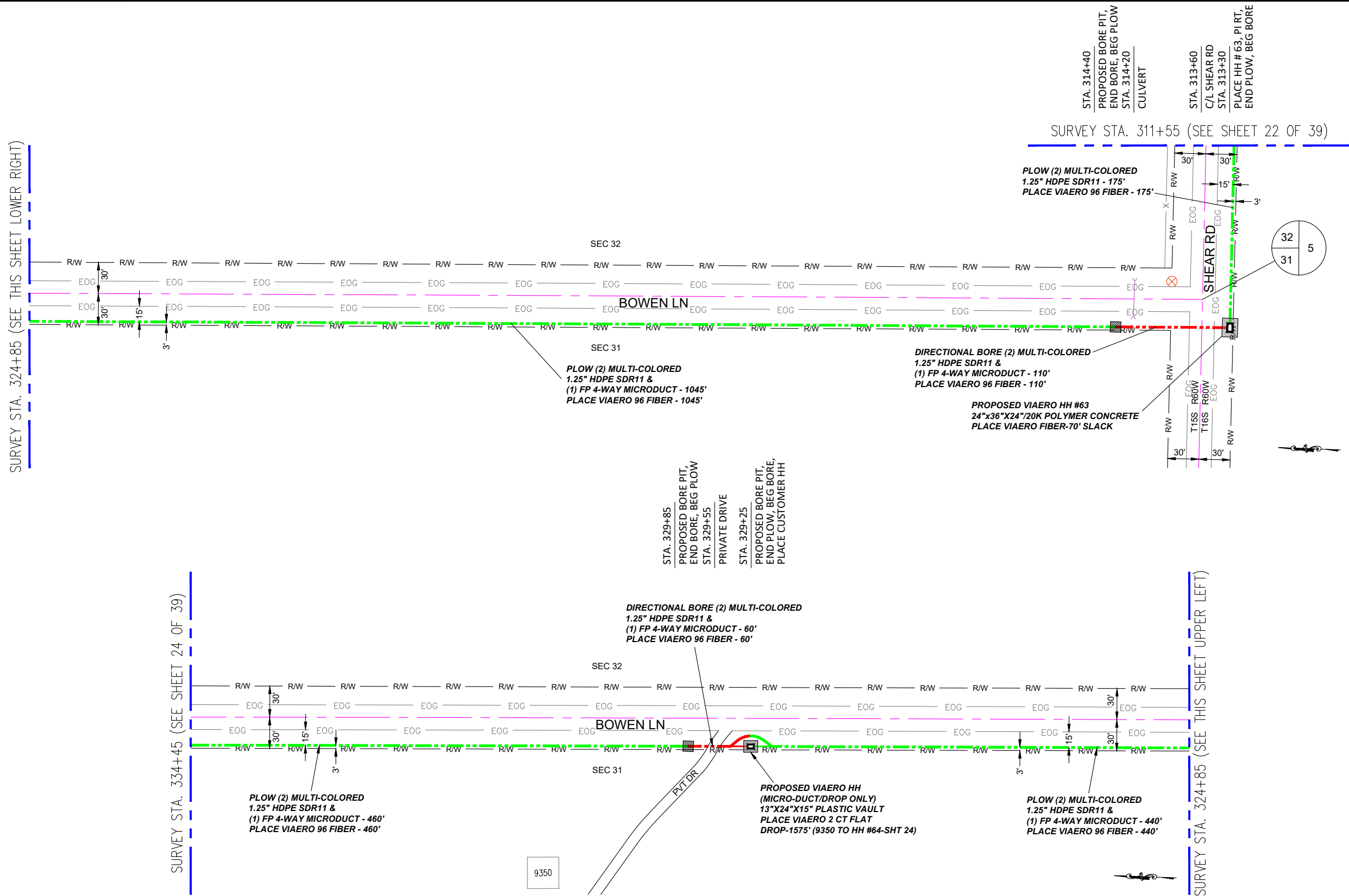
← DIRECTION OF ENGINEERING

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
- 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
- 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: 23 OF 39

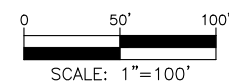
MATERIAL LIST

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

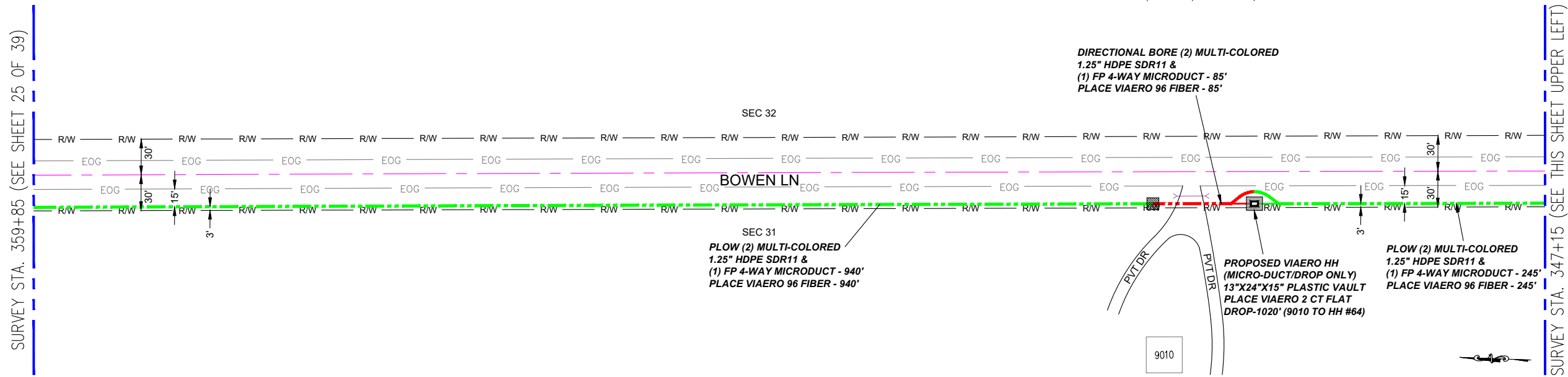
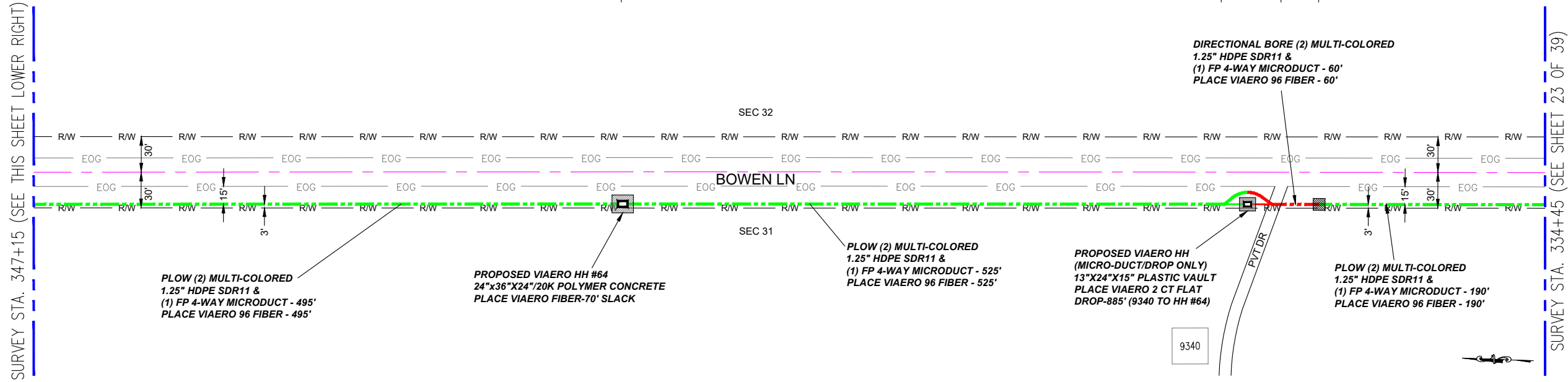
SURVEY STA. 347+15 (SEE THIS SHEET LOWER RIGHT)

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

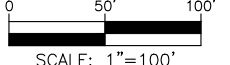
STA. 350+45
PROPOSED BORE PIT,
END BORE, BEG PLOW
STA. 350+15
PRIVATE DRIVE,
DRIVEWAY CULVERT
STA. 349+60
PROPOSED BORE PIT,
END PLOW, BEG BORE,
PLACE CUSTOMER HH



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.



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

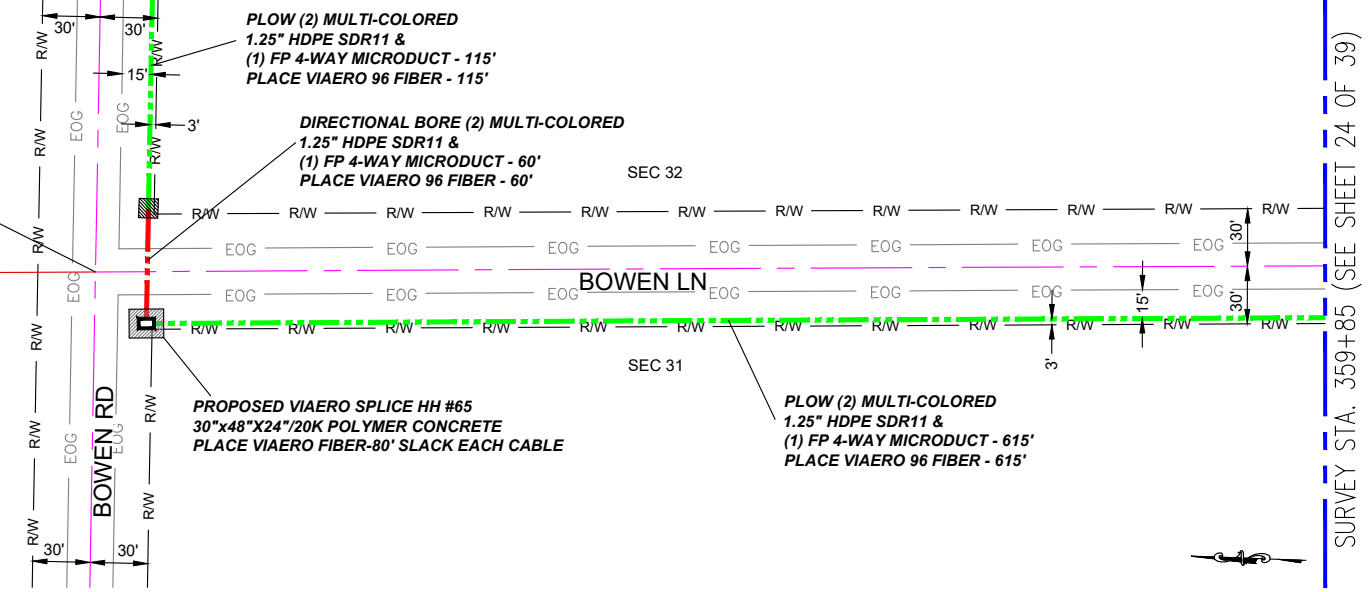
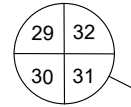
- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- RIGHT-OF-WAY
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
- UNDERGROUND ELECTRIC-EXISTING
- OVERHEAD ELECTRIC-EXISTING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



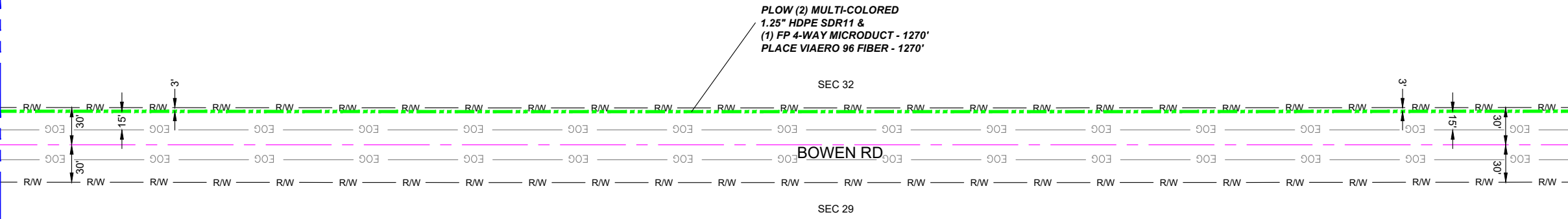
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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	24 OF 39

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. 380+45 (SEE SHEET 26 OF 39)



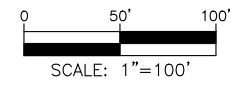
SURVEY STA. 367+75 (SEE THIS SHEET UPPER LEFT)

← 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



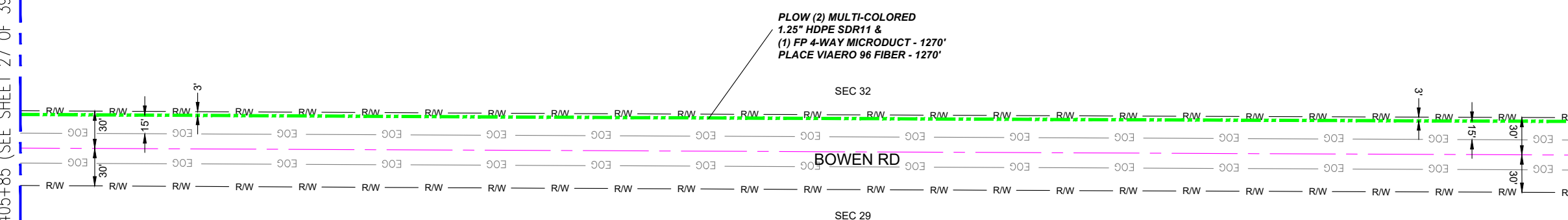
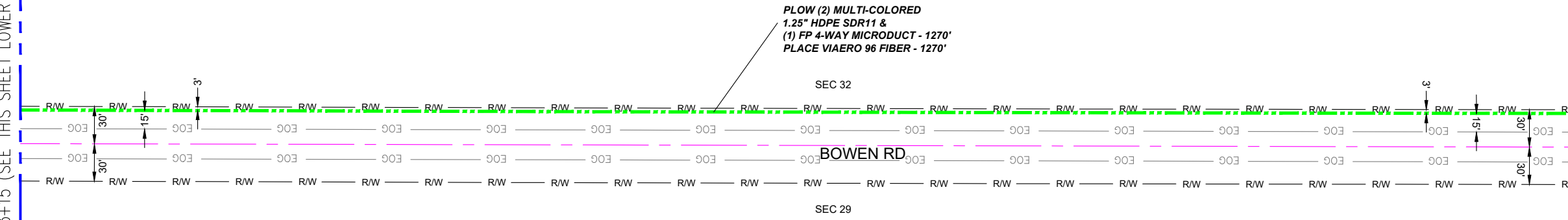
DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET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



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

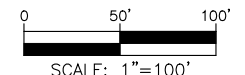


DATE CREATED:	9/21/2022
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APPROVED BY:	_____
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FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	26 OF 39

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.

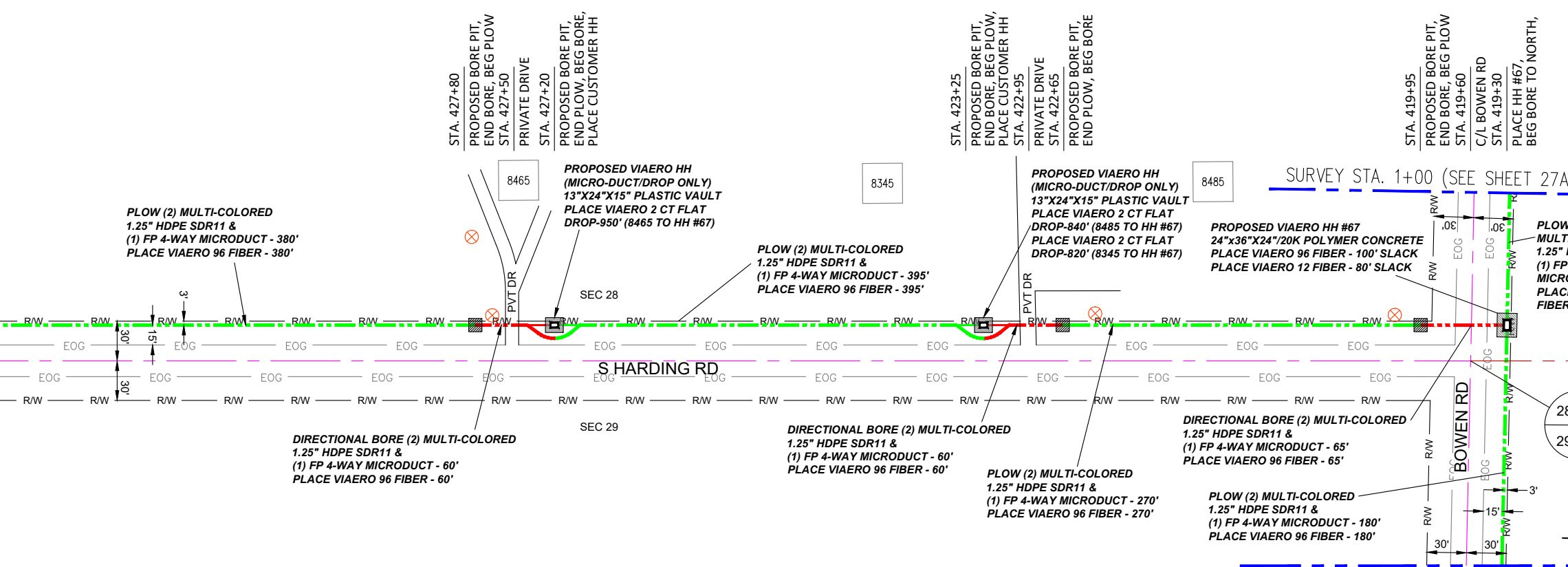
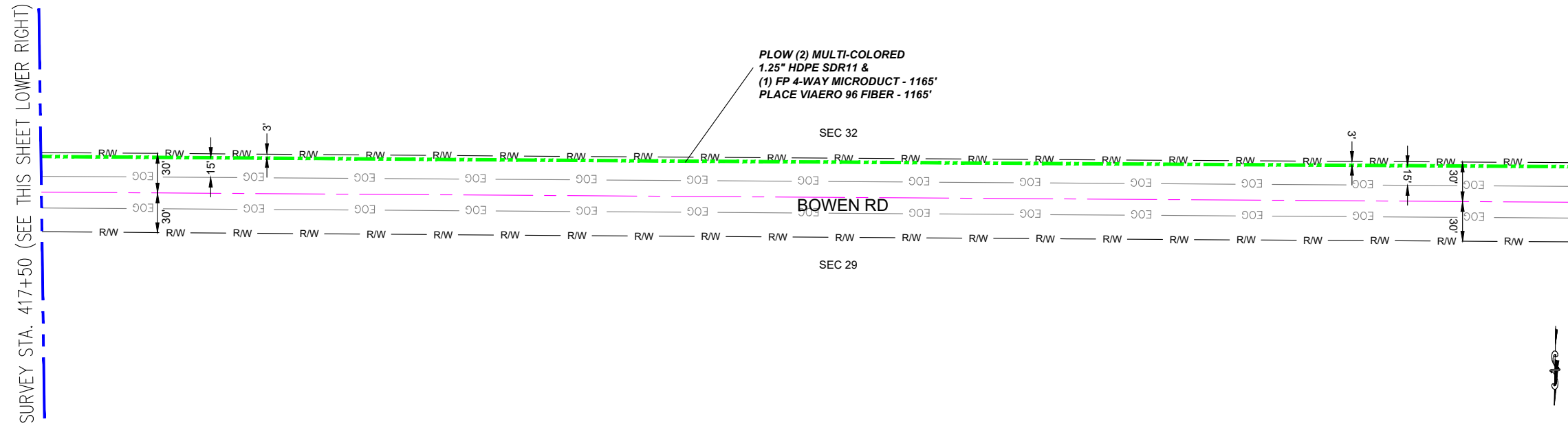


← DIRECTION OF ENGINEERING

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)



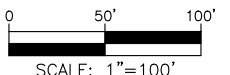
← DIRECTION OF ENGINEERING

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	

SURVEY STA. 417+50 (SEE THIS SHEET UPPER LEFT)

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

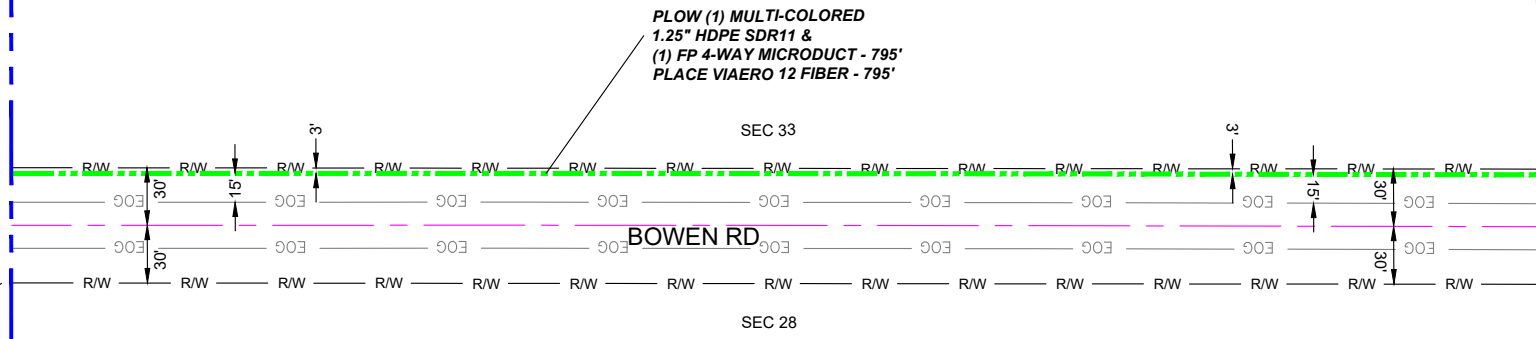
LINETYPES

- CONDUIT-NOT IN CONTRACT
- CONDUIT-PLOW
- CONDUIT-TRENCH
- CONDUIT-DIRECTIONAL BORE
- R/W 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

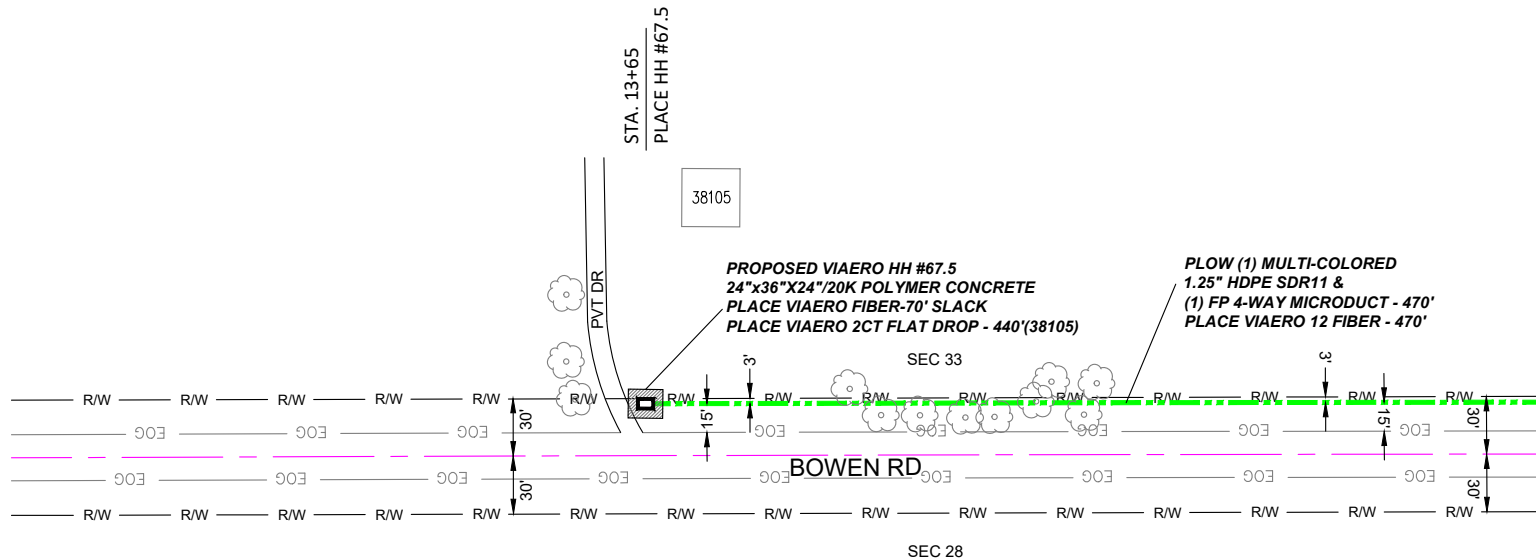


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COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	27 OF 39

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



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



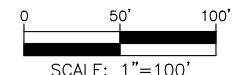
SURVEY STA. 8+95 (SEE THIS SHEET UPPER LEFT)

← 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
- 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

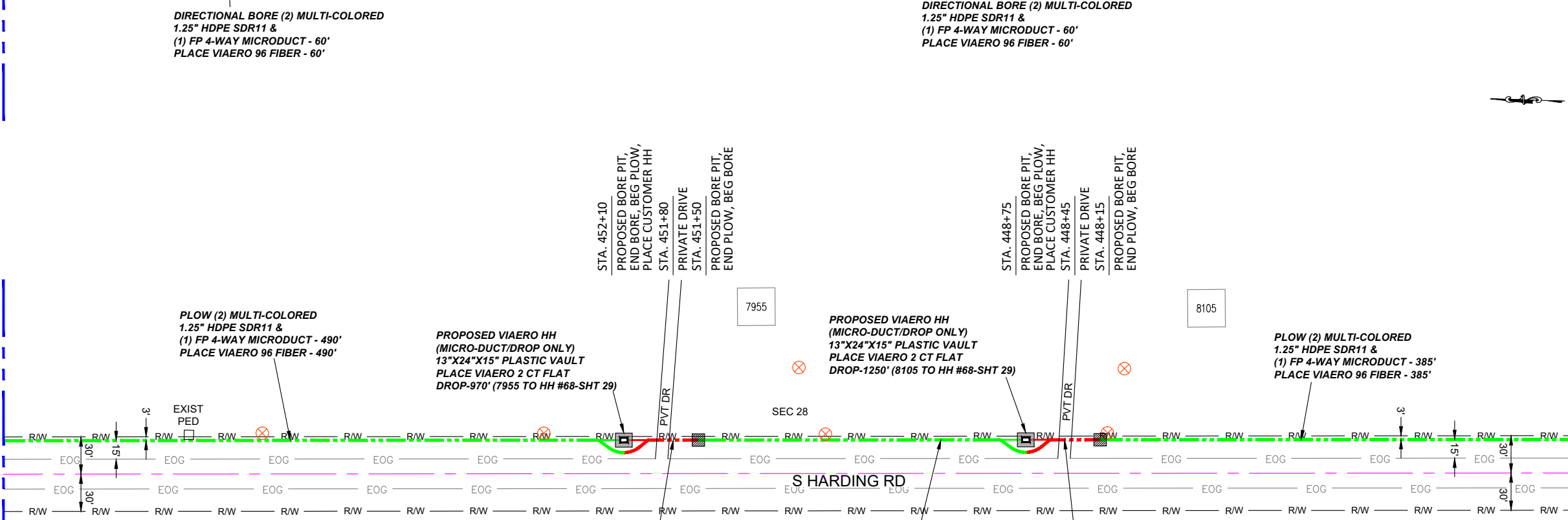
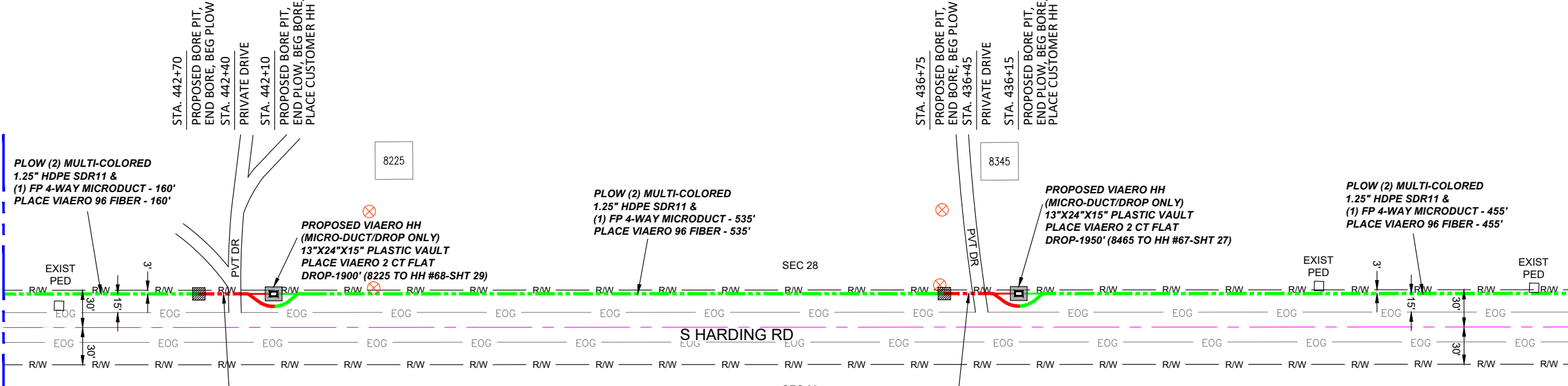
MAP: 27A OF 39

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
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- 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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SITE ADDRESS:
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 EL PASO COUNTY, CO
 T15S R60W

FILE NAME: EL PASO COUNTY
 01-39.dwg

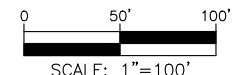
DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET

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.



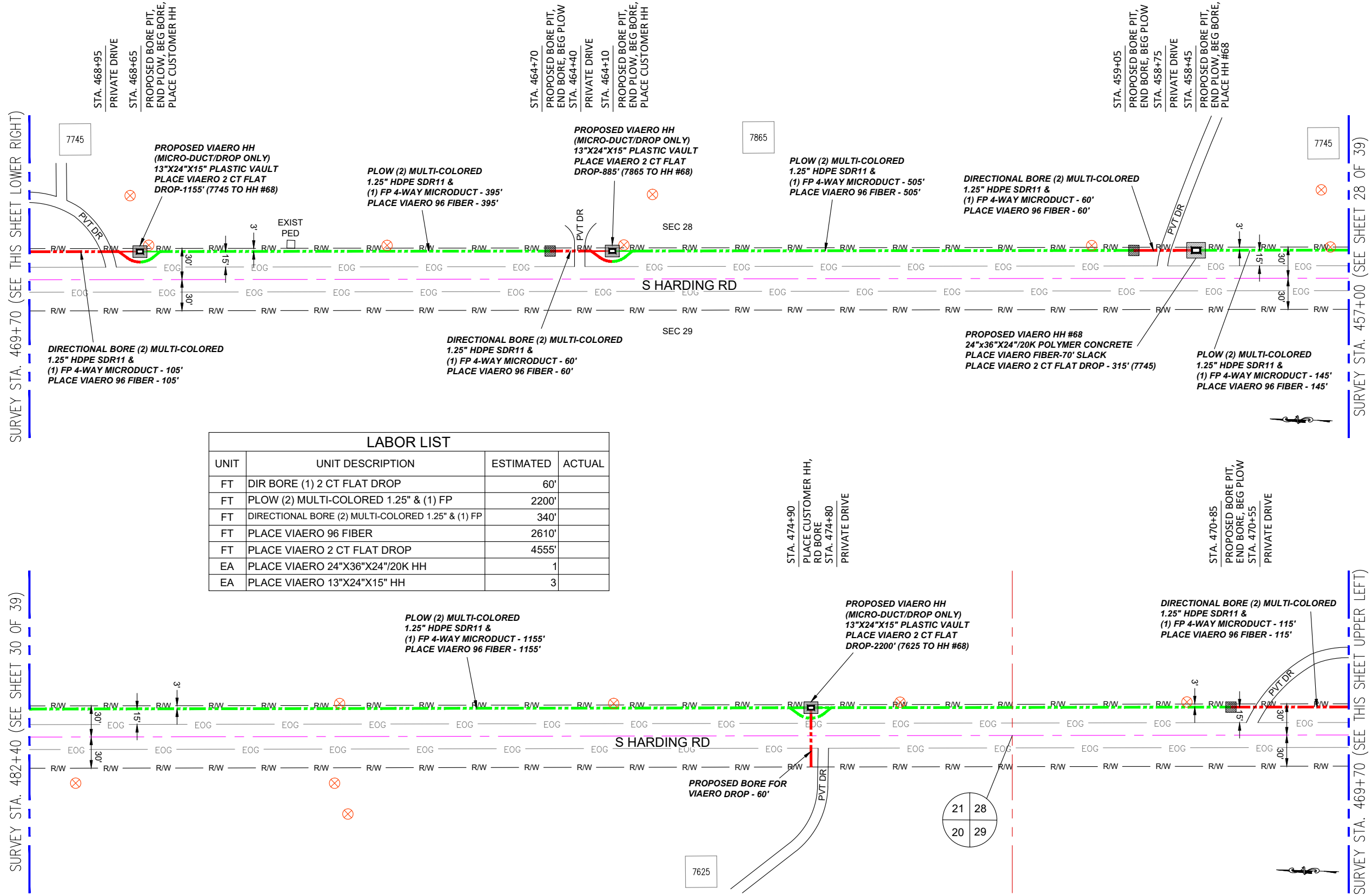
← DIRECTION OF ENGINEERING

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)



LABOR LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	DIR BORE (1) 2 CT FLAT DROP	60'	
FT	PLOW (2) MULTI-COLORED 1.25\"	2200'	
FT	DIRECTIONAL BORE (2) MULTI-COLORED 1.25\"	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	

MATERIAL LIST			
UNIT	UNIT DESCRIPTION	ESTIMATED	ACTUAL
FT	VIAERO (2) MULTI-COLORED 1.25\"	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	

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
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- STORM GRATE
- CULVERT
- TREE
- BORE PIT
- EXISTING WELL
- EXISTING LANDSCAPE AREA
- EXISTING POLE CELL TOWER

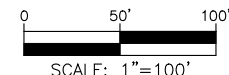
LINETYPES

- 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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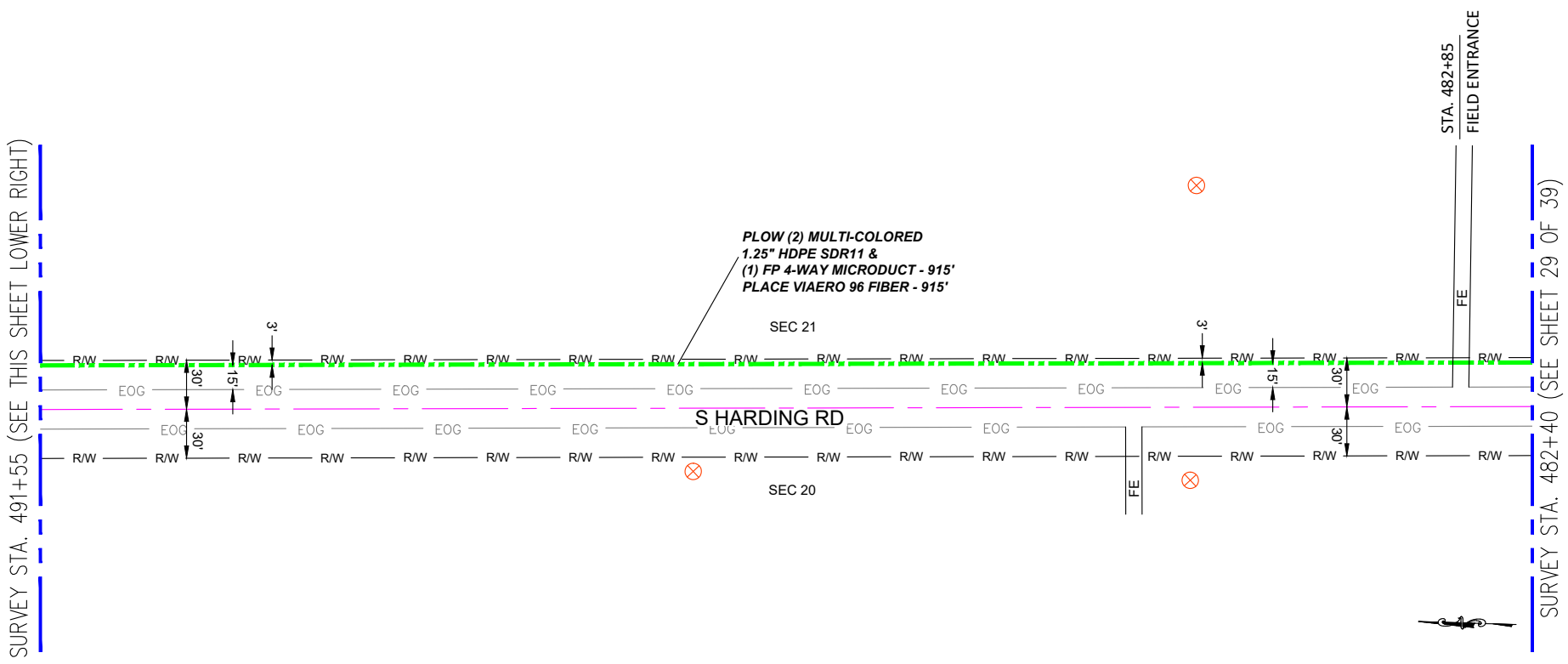
DATE CREATED:	9/21/2022
DATE REVISED:	11/8/2022
DATE PLOTTED:	11/8/2022
DRAWN BY:	FEC
CHECKED BY:	FEC
APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	RUSH TOWER DISTRIBUTION EL PASO COUNTY, CO T15S R60W
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT SHEET
MAP:	29 OF 39

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



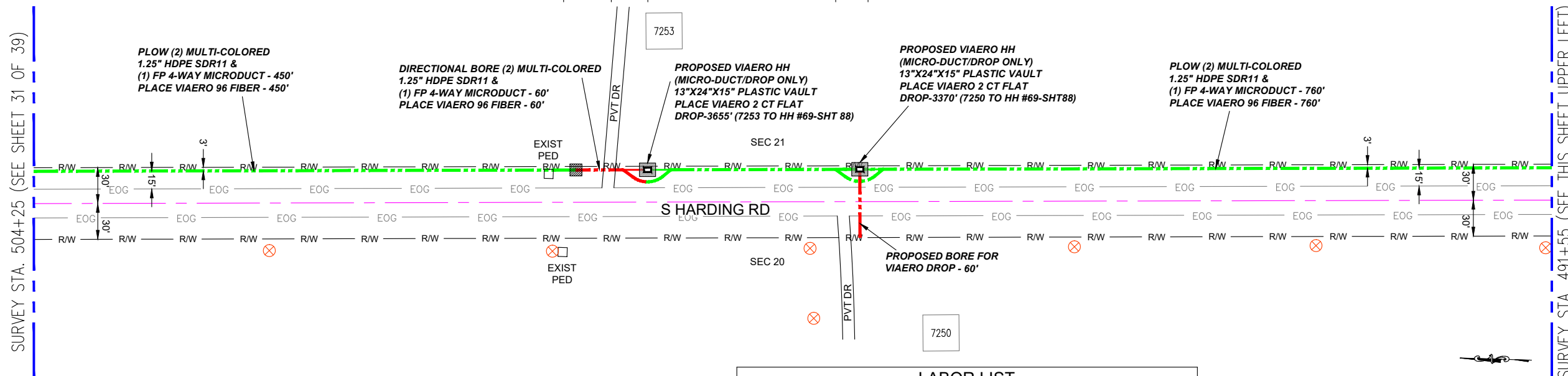
← DIRECTION OF ENGINEERING

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

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- WIRE FENCE-EXISTING
- WOOD FENCE-EXISTING
- GUARD RAIL-EXISTING
- RAILROAD-EXISTING
- GAS-EXISTING
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- OVERHEAD ELECTRIC-EXISTING
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- TELEPHONE-EXISTING
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- SANITARY SEWER-EXISTING
- STREAM
- WATER-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

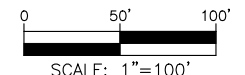
DESCRIPTION: CONSTRUCTION PLANS
 PROJECT SHEET

MAP: 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.



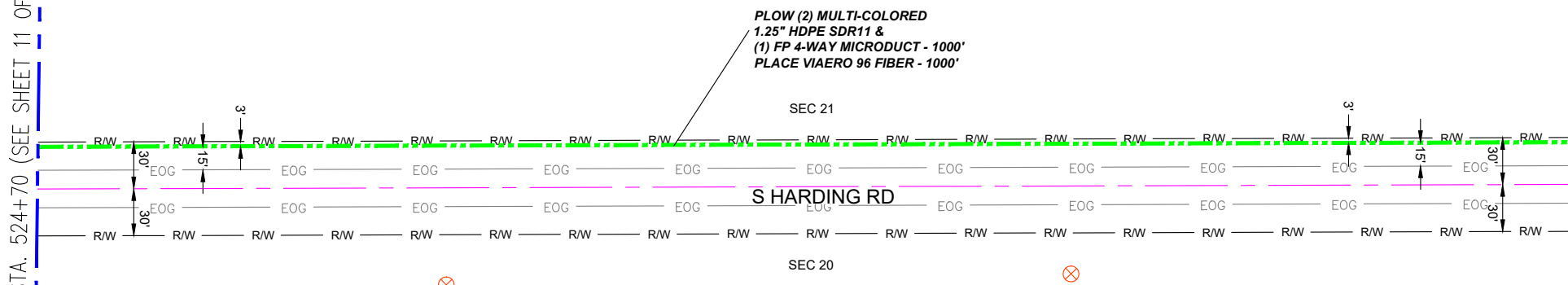
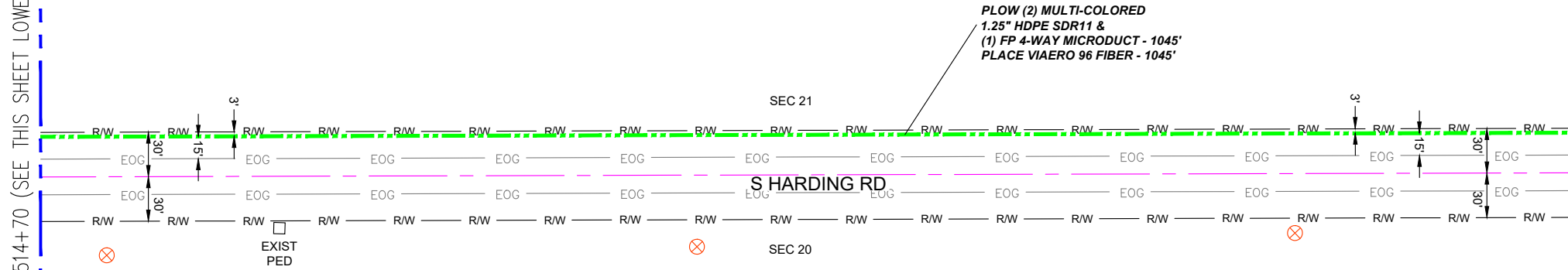
← DIRECTION OF ENGINEERING

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)

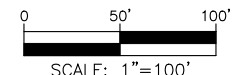


← DIRECTION OF ENGINEERING

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:
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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
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LINETYPES

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- R/W
- EOG
- EDGE OF GRAVEL
- EDGE OF SIDEWALK
- WIRE FENCE-EXISTING
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- GUARD RAIL-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:	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

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	GAS METER
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	UTILITY MANHOLE
	EXISTING STORM MANHOLE
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	GAS-EXISTING
	UNDERGROUND ELECTRIC-EXISTING
	OVERHEAD ELECTRIC-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
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
	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

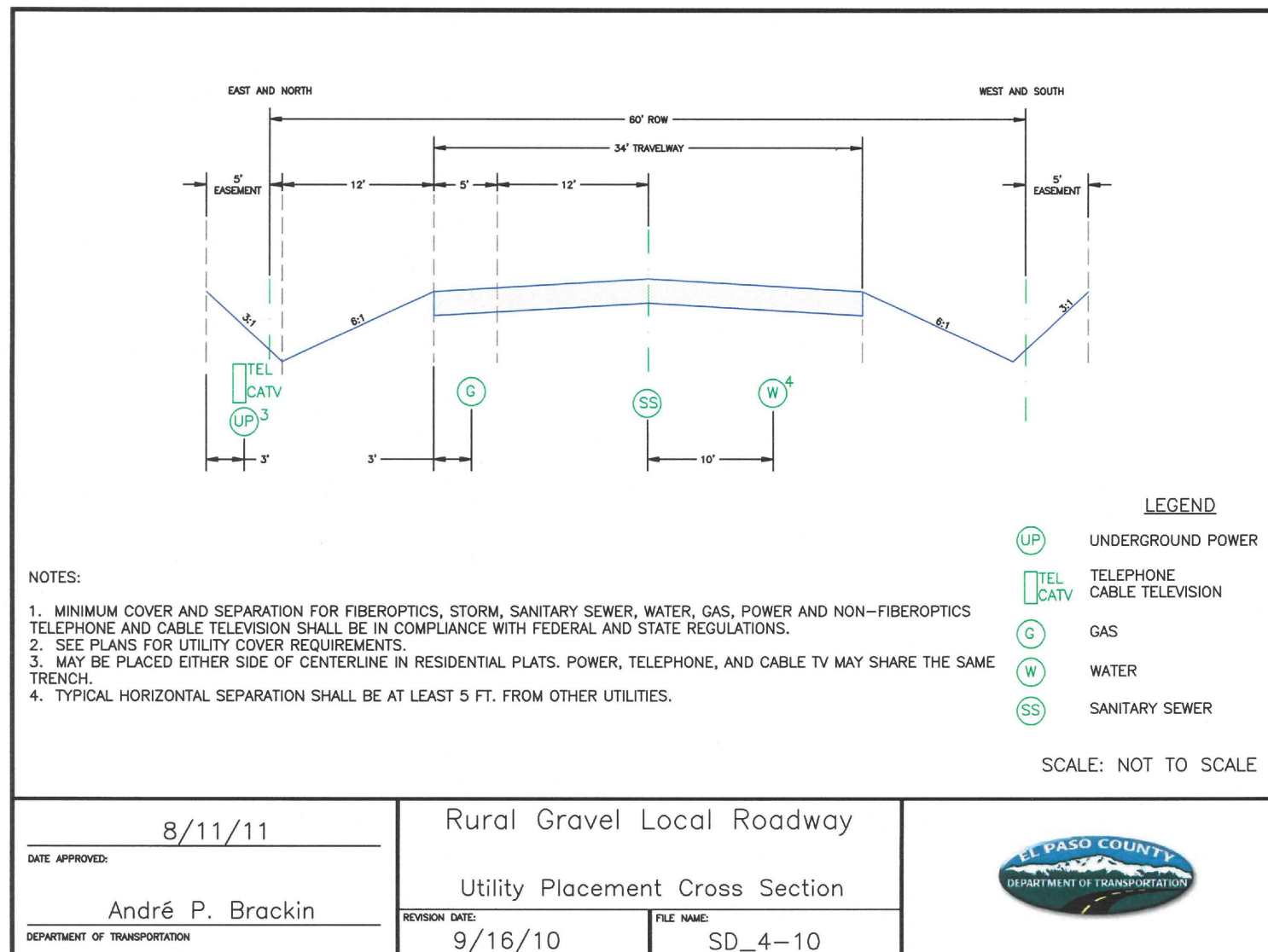
Inspections during the construction period will be made by the ECM Administrator to ensure that work is progressing in compliance with the permit and ECM. The permit holder shall make the work-site available to the ECM Administrator and to all others as authorized by law for inspection at all reasonable 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	
	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



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SITE ADDRESS:	EL PASO COUNTY COLORADO
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT NOTES
MAP:	35 OF 39

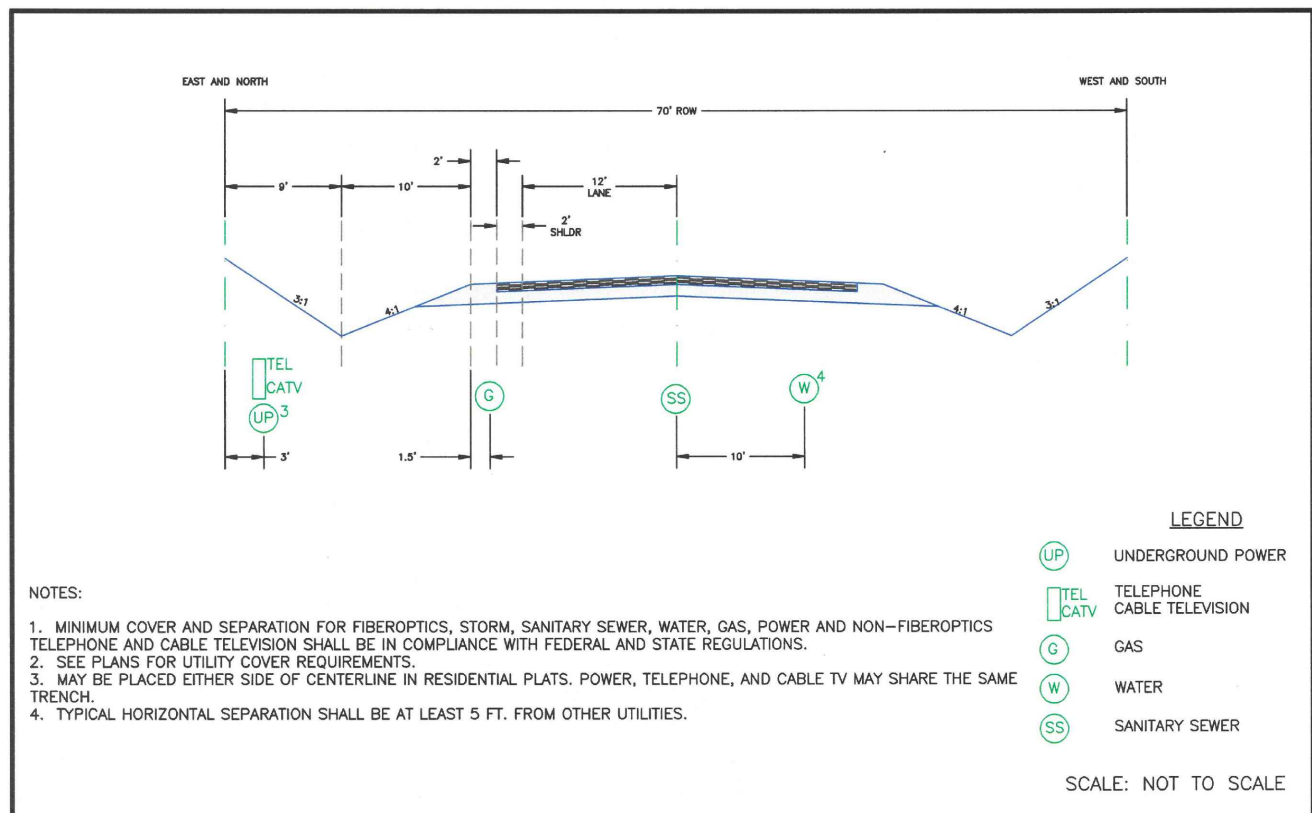
PROJECT NOTES - EL PASO COUNTY (CONT.)

LEGEND	
	STREET SIGN
	FIRE HYDRANT
	WATER METER
	GAS METER
	ELECTRIC METER
	UTILITY VALVE
	UTILITY POLE
	UTILITY MANHOLE
	EXISTING STORM MANHOLE
	EXISTING STREET LIGHT
	EXISTING UTILITY HANDHOLE
	ELECTRICAL/UTILITY CABINET
	TELEPHONE PED - CROSS BOX
	PROPOSED VIAERO MANHOLE
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	STORM INLET
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	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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DATE PLOTTED:	11/8/2022
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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 PROJECT NOTES
MAP:	36 OF 39

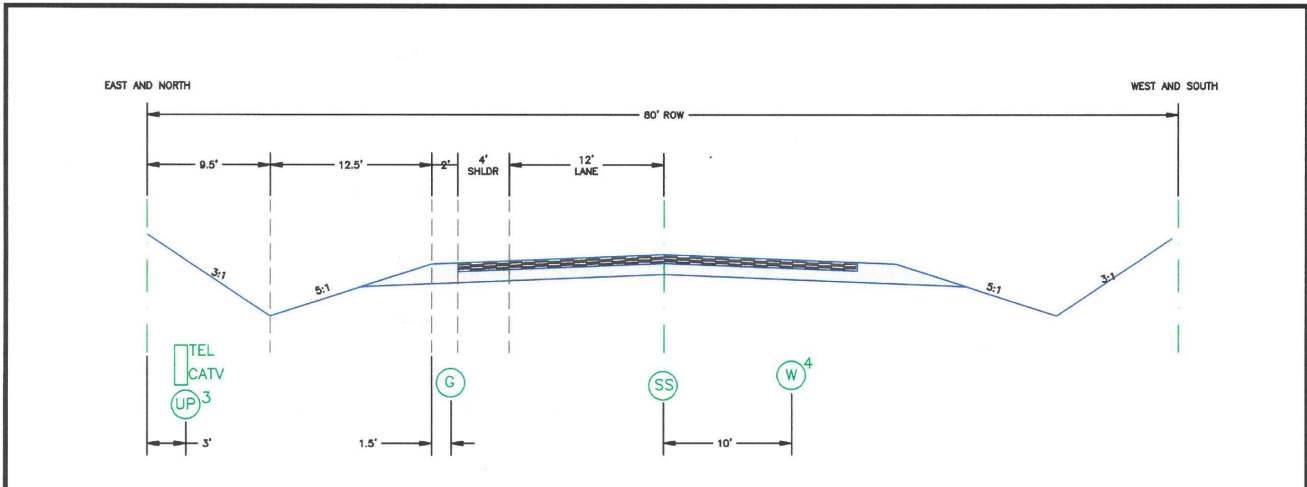


LEGEND	
	UNDERGROUND POWER
	TELEPHONE CABLE TELEVISION
	GAS
	WATER
	SANITARY SEWER

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.
 2. SEE PLAN 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 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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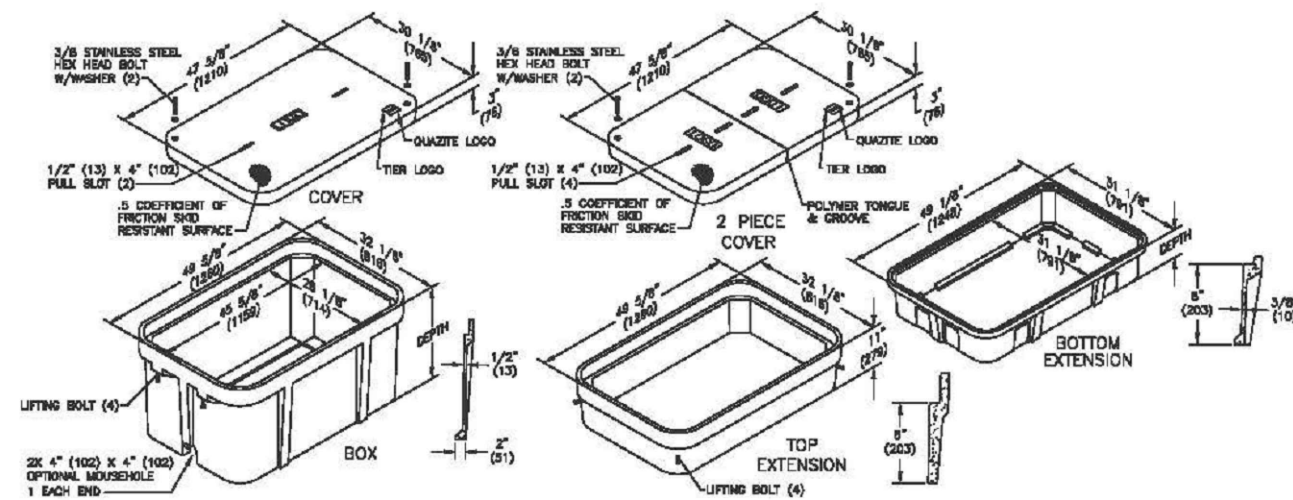
PROJECT DETAILS



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
- 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



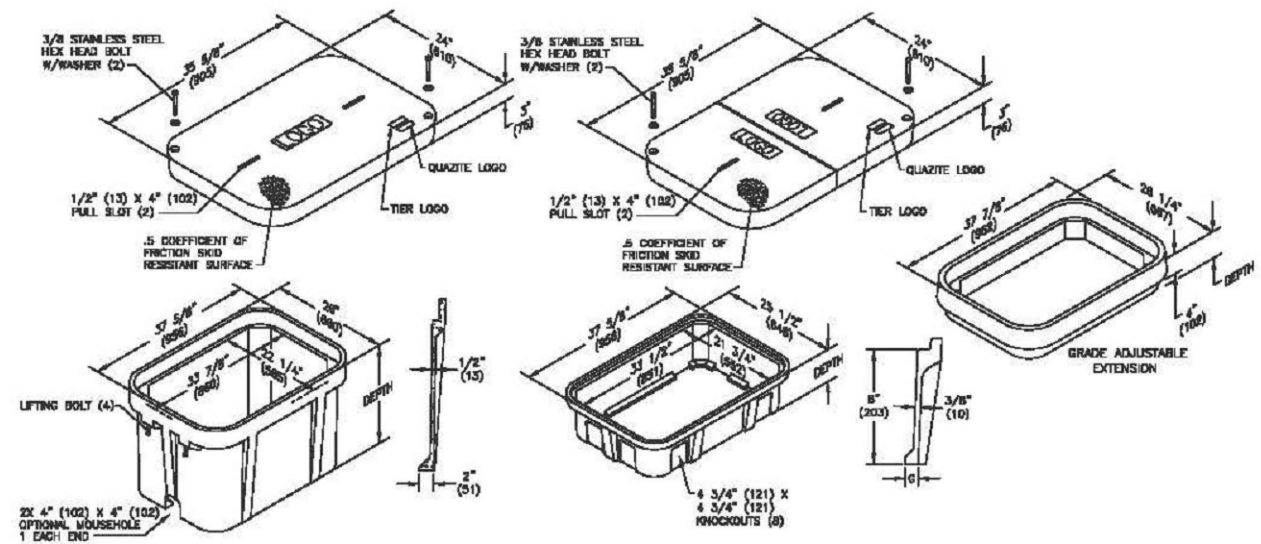
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APPROVED BY:	
COMPANY:	VIAERO FIBER NETWORKS, LLC
SITE ADDRESS:	EL PASO COUNTY COLORADO
FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT DETAILS
MAP:	37 OF 39

PROJECT DETAILS



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

Hex Head Bolts are Standard



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.



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.

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

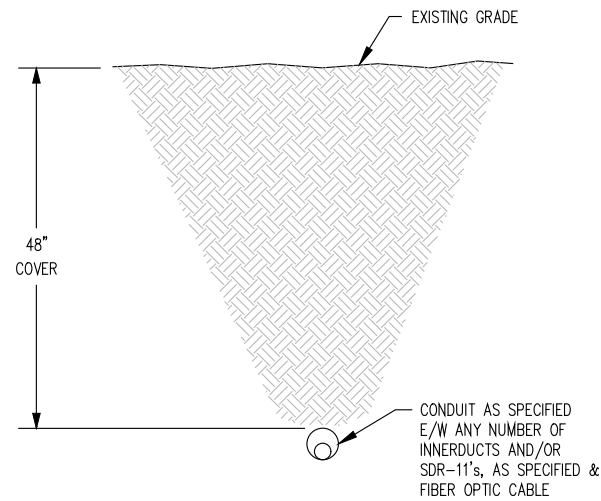


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FILE NAME:	EL PASO COUNTY 01-39.dwg
DESCRIPTION:	CONSTRUCTION PLANS PROJECT DETAILS
MAP:	38 OF 39

PROJECT DETAILS

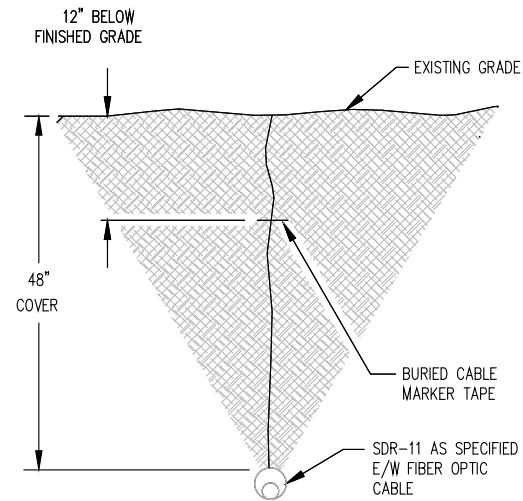
TYPICAL DETAIL "A"

PLACE CROSS SECTION FOR CONDUIT



TYPICAL DETAIL "B"

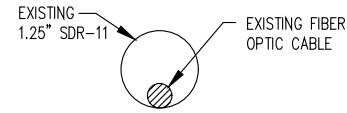
PLACE SDR-11



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"

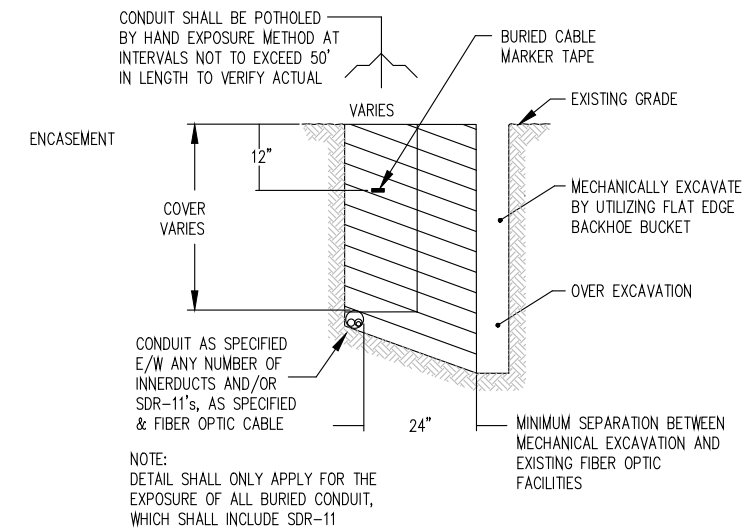
CROSS SECTION OF EXISTING SDR-11



Add standard details for
ground disturbance and
stabilization mitigation,
re-seeding etc

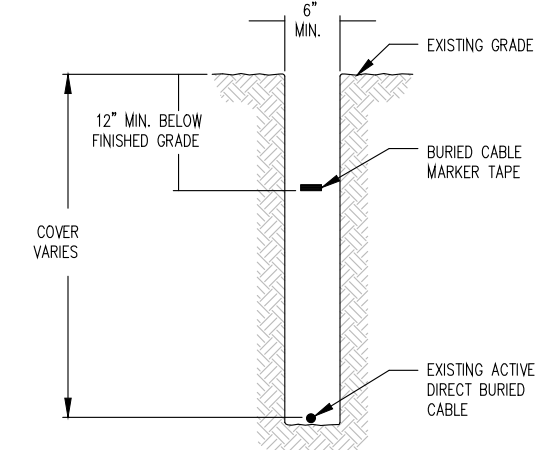
TYPICAL DETAIL "D"

EXPOSE CONDUIT BY POTHOLE/SIDE EXPOSURE METHOD



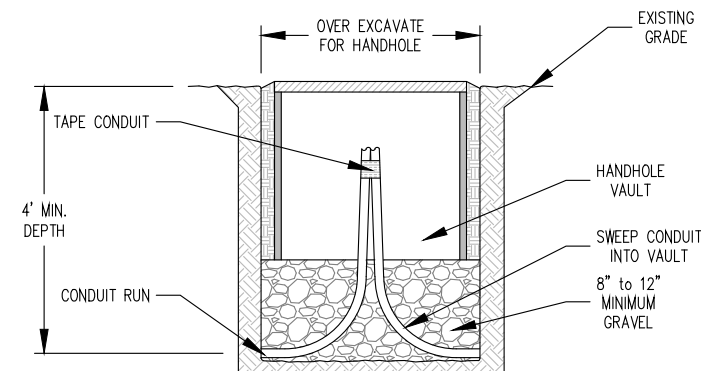
TYPICAL DETAIL "F"

EXPOSE DIRECT BURIED CABLE BY HAND EXPOSURE METHOD



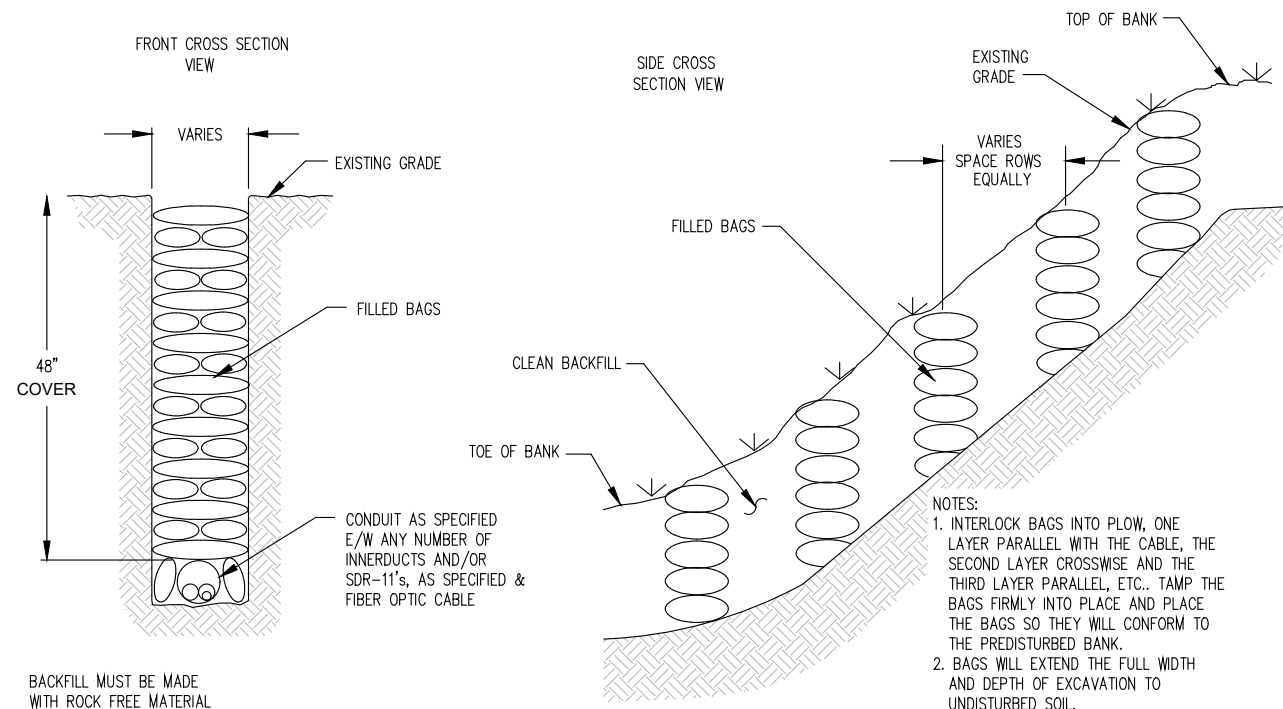
TYPICAL DETAIL "G"

TYPICAL HANDHOLE/CONDUIT PLACEMENT



TYPICAL DETAIL "E"

FLOW EROSION CONTROL



LEGEND

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