

Purchasing Department

140 Stonewall Avenue West, Ste 204 Fayetteville, GA 30214 Phone: 770-305-5420 www.fayettecountyga.gov

December 4, 2025

Subject: Request for Quotes 26076-A: 911 Fiber Extension Project

Gentlemen/Ladies:

Fayette County, Georgia invites you to submit a quote for the above listed solicitation in accordance with the information and specifications contained herein.

A mandatory pre-quote conference will be held at 2:00 p.m., Wednesday, December 10, 2025, located at 880 Antioch Rd. Fayetteville, GA, 30215, to provide an opportunity for you to become familiar with the site and work conditions, and to ask questions. Companies that attend will be invited to submit quotes for this project.

Address any questions you may have about this request for quotes to Colette Cobb via email to ccobb@fayettecountyga.gov. Questions will be accepted until 2:00 p.m., Monday, December 15, 2025.

Quotes will be accepted until 3:00 p.m., Friday, December 19, 2025. Please provide your quote and other information via email to Colette Cobb, Contract Administrator at ccobb@fayettecountyga.gov or fax to (770) 719-5534.

Purchasing Department office hours are Monday through Friday 8:00 a.m. to 5:00 p.m. The office telephone number is (770) 305-5420.

Sincerely,

Ted L. Burgess

Chief Procurement Officer

GENERAL TERMS AND CONDITIONS 26076-A: 911 Fiber Extension Project

Definitions:

- a. Responder: A company or individual who submits a quote in response to this RFQ.
- b. Successful Responder: The Responder that is awarded a contract.
- c. Contractor: The Successful Responder, upon execution of the contract.
- d. County: Fayette County, Georgia.
- Quote is Offer to Contract: Each quote constitutes an offer to become legally bound to a contract with the County, incorporating the Request for Quotes and the Responder's quote. The binding offer includes compliance with all terms, conditions, special conditions, specifications, and requirements stated in the Request for Quotes, except to the extent that a Responder takes written exception to such provisions, and the County agrees to the exceptions. All such terms, conditions, special conditions, specifications, and requirements will form the basis of the contract. The Responder should take care to answer all questions and provide all requested information, and to note any exceptions in the quote submission. Failure to observe any of the instructions or conditions in this Request for Quotes may result in rejection of the quote.
- 3. **Binding Offer**: To allow sufficient time for a contract to be awarded, each quote shall constitute a firm offer that is binding for ninety (90) days from the received by date to the date of award.
- 4. **References**: Include with your quote a list of three (3) jobs that your company has done that are of the same or similar nature to the work described in this Request for Quotes, on the form provided. Include all information as requested on the form.
- 5. **Preparation Costs**: The Responder shall bear all costs associated with preparing the quote.
- 6. **More Than One Quote**: Do not submit alternate quotes or options, unless requested or authorized by the County in the Request for Quotes. If a Responder submits more than one quote without being requested or authorized to do so, the County may disqualify the quotes from that Responder, at the County's option.
- 7. **Defects or Irregularities**: The County reserves the right to waive any defect or irregularity in any quote received. In case of a discrepancy between unit prices and extended prices, the unit price will govern unless the facts or other considerations indicate another basis for correction of the discrepancy.

- 8. **Prices Held Firm**: Prices quoted shall be firm for the period of the contract, unless otherwise specified in the quote. All prices for commodities, supplies, equipment, or other products shall be quoted FOB Destination, Fayette County or job site.
- 9. Responder Substitutions: Responders offering substitutions or deviations from specifications stated in the Request for Quotes, shall list such substitutions or deviations on the "Exceptions to Specifications" sheet provided, or on a separate sheet to be submitted with the quote. The absence of such list shall indicate that the Responder has taken no exception to the specifications. The evaluation of quotes and the determination as to equality and acceptability of products or services offered shall be the responsibility of the County.
- 10. **Non-Collusion**: By responding to this Request for Quotes, the Responder represents that the quote is not made in connection with any competing Responder, supplier, or service provider submitting a separate response to this Request for Quotes and is in all respects fair and without collusion or fraud.
- 11. **Ethics Disclosure of Relationships**: Before a proposed contract in excess of \$10,000.00 is recommended for award to the Board of Commissioners or the County Administrator, or before the County renews, extends, or otherwise modifies a contract after it has been awarded, the Contractor must disclose certain relationships with any County Commissioner or County Official, or their spouse, mother, father, grandparent, brother, sister, son or daughter related by blood, adoption, or marriage (including in-laws). A relationship that must be reported exists if any of these individuals is a director, officer, partner, or employee, or has a substantial financial interest the business, as described in Fayette County Ordinance Chapter 2, Article IV, Division 3 (Code of Ethics).

If such relationship exists between your company and any individual mentioned above, relevant information must be presented in the form of a written letter to the Director of Purchasing. You must include the letter with any bid, proposal, or price quote you submit to the Purchasing Department.

In the event that a Contractor fails to comply with this requirement, the County will take action as appropriate to the situation, which may include actions up to and including rejection of the bid or offer, cancellation of the contract in question, or debarment or suspension from award of a County contract for a period of up to three years.

12. **Evaluation**: Award will be made to the lowest responsive, responsible Responder, taking into consideration payment terms, vendor qualifications and experience, quality, references, any exceptions listed, and/or other factors deemed relevant in making the award. The County may make such investigation as it deems necessary to determine the ability of the Responder to perform, and the Contractor shall furnish to the County all information and data for this purpose as the County may request. The County reserves

the right to reject any item, any quote, or all quotes, and to re-solicit for pricing.

- 13. Payment Terms and Discounts: The County's standard payment terms are Net 30. Any deviation from standard payment terms must be specified in the resulting contract, and both parties must agree on such deviation. Cash discounts offered will be a consideration in awarding the quote, but only if they give the County at least 15 days from receipt of invoice to pay. For taking discounts, time will be computed from the date of invoice acceptance by the County, or the date a correct invoice is received, whichever is the later date. Payment is deemed made, for the purpose of earning the discount, on the date of the check.
- 14. **Trade Secrets Confidentiality**: If any person or entity submits a bid, proposal, or quote that contains trade secrets, an affidavit shall be included with the bid, proposal, or quote. The affidavit shall declare the specific included information which constitutes trade secrets. Any trade secrets must be either (1) placed in a separate envelope, clearly identified, and marked as such, or (2) at a minimum, marked in the affidavit or an attached document explaining exactly where such information is, and otherwise marked, highlighted, or made plainly visible. See O.C.G.A. § 50-18-72 (A)(34).
- 15. Trade Secrets Internal Use: In submitting a quote, the Responder agrees that the County may reveal any trade secret materials contained in the quote to all County staff and officials involved in the selection process, and to any outside consultant or other third parties who may assist in the selection process. The Responder agrees to hold harmless the County and each of its officers, employees, and agents from all costs, damages, and expenses incurred in connection with refusing to disclose any material which the Responder has designated as a trade secret.
- 16. Contract Execution & Notice to Proceed: After an award is made, and all required documents are received by the County, and the contract is fully executed with signature of both parties, the County will issue a written Notice to Proceed. The County shall not be liable for payment of any work done or any costs incurred by any Responder prior to the County issuing the Notice to Proceed.
- 17. **Unavailability of Funds**: This contract will terminate immediately and absolutely at such time as appropriated and otherwise unobligated funds are no longer available to satisfy the obligations of the County under the contract.
- 18. **Insurance**: The Successful Responder shall procure and maintain the following insurance, to be in effect throughout the term of the contract, in at least the amounts and limits as follows:
 - a. **General Liability Insurance**: \$1,000,000 combined single limit per occurrence, including bodily and personal injury, destruction of property,

and contractual liability.

- b. **Automobile Liability Insurance**: \$1,000,000 combined single limit each occurrence, including bodily injury and property damage liability.
- c. Worker's Compensation & Employer's Liability Insurance: Workers Compensation as required by Georgia statute.

Before a contract is executed, the Certificates of Insurance for all required coverage shall be submitted to the County. The certificate shall list an additional insured as follows:

Fayette County, Georgia 140 Stonewall Avenue West Fayetteville, GA 30214

- 19. **Unauthorized Performance**: The County will not compensate the Contractor for work performed unless the work is authorized under the contract, as initially executed, or as amended.
- 20. **Assignment of Contract**: Assignment of any contract resulting from this Request for Quotes will not be authorized, except with express written authorization from the County.
- 21. **Indemnification**: The Contractor shall indemnify and save the County and all its officers, agents and employees harmless from all suits, actions, or other claims of any character, name and description brought for or on account of any damages, losses, or expenses to the extent caused by or resulting from the negligence, recklessness, or intentionally wrongful conduct of the Contractor or other persons employed or utilized by the Contractor in the performance of the contract. The Contractor shall pay any judgment with cost which may be obtained against the County growing out of such damages, losses, or expenses.
- 22. Severability: The invalidity of one or more of the phrases, sentences, clauses, or sections contained in the contract shall not affect the validity of the remaining portion of the contract. If any provision of the contract is held to be unenforceable, then both parties shall be relieved of all obligations arising under such provision to the extent that the provision is unenforceable. In such case, the contract shall be deemed amended to the extent necessary to make it enforceable while preserving its intent.
- 23. **Delivery Failures**: If the Contractor fails to deliver contracted goods or services within the time specified in the contract or fails to replace rejected items in a timely manner, the County shall have authority to make open-market purchases of comparable goods

- or services. The County shall have the right to invoice the Contractor for any excess expenses incurred or deduct such amount from monies owed the Contractor. Such purchases shall be deducted from contracted quantities.
- 24. **Termination for Cause**: The County may terminate the contract for cause by sending written notice to the Contractor of the Contractor's default in the performance of any term of this agreement. Termination shall be without prejudice to any of the County's rights or remedies by law.
- 25. Termination for Convenience: The County may terminate the contract for its convenience at any time with 10 days' written notice to the Contractor. In the event of termination for convenience, the County will pay the Contractor for services performed. The County will compensate partially completed performance based upon a signed statement of completion.
- 26. **Force Majeure**: Neither party shall be deemed to be in breach of the contract to the extent that performance of its obligations is delayed, restricted, or prevented by reason of any act of God, natural disaster, act of government, or any other act or condition beyond the reasonable control of the party in question.
- 27. **Governing Law**: This agreement shall be governed in accordance with the laws of the State of Georgia. The parties agree to submit to the jurisdiction in Georgia, and further agree that any cause of action arising under this agreement shall be required to be brought in proper venue in Fayette County, Georgia.

Fayette County, Georgia Checklist of Documents to Return

(Please return this checklist and the documents listed below with your submittal)

RFQ 26076-A: 911 Fiber Extension Project

Company Information form	
Contractor Affidavit under O.C.G.A. § 13-10-91(b)(1)	
Pricing sheet	
Exceptions, if any	-
References	
Warranty information	
Signed addenda, if any are issued	
COMPANY NAME:	

COMPANY INFORMATION 26076-A: 911 Fiber Extension Project

COMPANY

Company Name: _			
Physical Address:			
Mailing Address (i	f different):		
AUTHORIZED REPRES	SENTATIVE		
Signature:			
Printed or Typed N	lame:		
Title:			
Email Address:			
Phone Number:		Fax Number:	
PROJECT CONTACT P	ERSON		
Name:			
Title:			
Office Number:		Cellular Number:	
Email Address:			

Contractor Affidavit under O.C.G.A. § 13-10-91(b)(I)

The undersigned contractor ("Contractor") executes this Affidavit to comply with O.C.G.A § 13-10-91 related to any contract to which Contractor is a party that is subject to O.C.G.A. § 13-10-91 and hereby verifies its compliance with O.C.G.A. § 13-10-91, attesting as follows:

- a) The Contractor has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program;
- b) The Contractor will continue to use the federal work authorization program throughout the contract period, including any renewal or extension thereof;
- The Contractor will notify the public employer in the event the Contractor ceases to utilize
 the federal work authorization program during the contract period, including renewals or
 extensions thereof;
- d) The Contractor understands that ceasing to utilize the federal work authorization program constitutes a material breach of Contract;
- e) The Contractor will contract for the performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the Contractor with the information required by O.C.G.A. § 13-10-91(a), (b), and (c);
- f) The Contractor acknowledges and agrees that this Affidavit shall be incorporated into any contract(s) subject to the provisions of O.C.G.A. § 13-10- 91 for the project listed below to which Contractor is a party after the date hereof without further action or consent by Contractor; and
- g) Contractor acknowledges its responsibility to submit copies of any affidavits, drivers' licenses, and identification cards required pursuant to O.C.G.A. § 13-10-91 to the public employer within five business days of receipt.

Federal Work Authorization User Identification Number	Date of Authorization
	26076-A: 911 Fiber Extension
Name of Contractor	Project
	Name of Project
Fayette County, Georgia	
Name of Public Employer	
I hereby declare under penalty of perjury that the foreg	oing is true and correct.
Executed on,, 2025 in	(city), (state).
Signature of Authorized Officer or Agent	
Printed Name and Title of Authorized Officer or Agent	
SUBSCRIBED AND SWORN BEFORE ME	
ON THIS THE DAY OF, 2025.	
NOTARY PUBLIC	
My Commission Expires:	

REFERENCES

26076-A: 911 Fiber Extension Project

Please list three (3) references for current or recent customers who can verify the quality of service your company provides. Projects of similar size and scope are preferable.

1. Government/Company Name	
	Email
2. Government/Company Name	
City & State	
Work or Service Provided	
Approximate Completion Date	
	Email
3. Government/Company Name	
City & State	
Work or Service Provided	
Approximate Completion Date	
	Email
COMPANY NAME:	

SCOPE OF WORK

26076-A: 911 Fiber Extension Project

The work of this contract will result in approximately 8,950 feet of 24 strand armored fiber optic cable, installed in a combination of overhead and underground in conduit, spliced, terminated, and tested. Approximately 700 feet of 6 strand armored fiber optic cable underground in conduit, spliced, terminated and tested.

The contractor shall provide a "turnkey installation." The fiber shall be 6 strand, multimode, 50 um armored cable (gate control access) and 24 strand, single mode, armored, cable manufactured by Corning, or equal, per the attached specification sheets.

The Contractor will furnish all labor and perform all operations necessary to complete installation including the conduit, fiber optic cable, mule tape, pull boxes, connectors and canisters. The Contractor will install all the required material whether specifically addressed in these specifications or not. The installation methods can be a combination of HDD and/or trenching. Trenching shall be a minimum of 20 feet from the edge of the pavement. Underground facilities shall be placed at 36-inch depth minimum. Pull boxes shall be placed a minimum of 10 feet from the edge of pavement to the front of the box. Fayette County will provide the GDOT permit required for installation.

Contractor shall be responsible to repair or replace, to equal or better condition, any damage caused by them or their subs, during this project.

The Contractor will perform all fiber optic cable testing and provide all documentation, as-builts and warranty, as described below.

Test 38,544 feet of existing 24 strand fiber optic cable to ensure continuity. This will be from the pull box at the intersection of McDonough Road at County Line Road to the pull box at 1992 S.R. 92 South.

The Contractor will install approximately 8,950 feet of fiber optic infrastructure including 5,000 feet of 2-inch conduit, 11 pull boxes (50 feet slack each with Telecom Rhino Dome Marker), Fire Station 4, Fire Station 7 and South Fayette Water Treatment Plant (25 feet each facility) and approximately 2,910 feet of aerial fiber optic cable with slack loops (snow shoes) as detailed on plans and 2 pole risers. The fiber optic infrastructure referenced shall be installed as follows:

Beginning at the existing fiber pull box location at the intersection of McDonough Road and County Line Road, install approximately 250 feet of new 24 strand fiber optic cable in existing conduit to Fire Station #4 located at 278 McElroy Road. Provide splicing enclosure and splicing of all 24 strands inside the existing pull box. The contractor shall terminate all 24 strands of fiber optic cable inside Fire Station #4 with SC/UPC Connectors.

Approximately 428' north of Old Farm Road, intercept the existing 2-inch conduit with 24 strand fiber optic cable at Coweta Fayette EMC pole #131086. Place pull box on north side of the pole and place conduit to riser on pole. Provide splicing enclosure and terminate all 24 strands of fiber optic cable. Pull boxes from 1972 and 1992 Highway 92 South are to be removed and backfilled with compactable, suitable soils. Backfill areas shall be compacted to 95% density in 10-inch lifts. Starting at Coweta Fayette EMC pole #131086, place approximately 2,310' of 24 strand fiber optic cable aerial/overhead along the following poles. 131086, 223938, 215272, 131037, 200042, 130983, 131081, 131084, and 131085. Contractor shall place riser/riser guards on poles #131085 and 148853. Pole #200042 shall have a 150-foot slack loop placed for future relocation.

The underground portion of the project begins at pole #131085 and continues to Fire Station #7 located at 220 Hampton Road. Pull box shall be placed as close as practical to pole #148853 to line up with the left side of Fire Station #7 located. Contractor to core through wall to access server room and fire seal conduit entry point. The contractor shall terminate all 24 strands of fiber optic cable inside Fire Station #7 with SC/UPC Connectors. Ground rod to be placed in pull box closest to building and insulated ground wire to feed from pull box into server room.

The underground portion continues from Fire Station #7 and continues to the termination point at the South Fayette Water Treatment Plant located at 880 Antioch Road. Contractor shall core through wall to access server room and fire seal conduit entry point. The contractor shall terminate all 24 strands of fiber optic cable inside the South Fayette Water Treatment Plant with SC/UPC Connectors. Ground rod to be placed in pull box closest to building and insulated ground wire to feed from pull box into server room. Contractor shall provide an additional conduit from the server room at 880 Antioch Road to the gate access control at the entrance of the facility.

Additional pull boxes to be placed according to plans. Pull box location field modifications due to utility conflicts to be approved by Fayette County. Place Telecom Marker Post at each vault location.

Pull boxes will be MB 304824PC2 – 30"x48"x24" Poly Concrete box, 20K, 2-piece lid classified under hand holes, splice boxes, pull boxes or equivalent. Telecom Markers shall be Rhino brand

The 6-strand fiber optic cable to be pulled from the South Fayette Water Treatment Plant communications room to the entrance gate through installed conduit approximately 550'. The contractor shall terminate all 6 strands of fiber optic cable inside the South Fayette Water Treatment Plant and at the gate access control with SC/UPC Connectors.

The Contractor shall provide locate tracer wire inside the conduits.

TESTING REQUIREMENTS

A. General

All cables and termination hardware shall be 100% tested for defects in installation and to verify cabling system performance under installed conditions according to the requirements of ANSII TIA. IEIA-568-B.I-3. All strands of each installed cable shall be verified prior to system acceptance. Any defect in the cabling system installation including but not limited to cable, connectors, feed through couplers, and enclosures shall be repaired or replaced to ensure 100% useable strands in all cables installed.

B. Fiber Testing

- All fiber testing shall be performed on all fibers in the completed endto-end system. There shall be no splices unless clearly defined in the design or Drawings. These tests also include continuity checking of each fiber.
- 2. Test set-up and performance shall be conducted in accordance with A ANSII TIA. IEIA-526-7 and/or ANSIITIAIEIA-568-B.3 Standards, and to the manufacturer's application guides.
- 3. Attenuation testing shall be performed with a stable launch condition using two-meter jumpers to attach the test equipment to the cable plant. The light source shall be left in place after calibration and the power meter moved to the far end to take measurements.

4. Singlemode

a. Test the fiber cable bi-directionally with an OTDR and unidirectionally with a power meter light/ source. Fiber must be tested at both 1310 nm and 1550 nm. Maximum attenuation dB/Km @ 1310 nm/1550 nm shall be 0.5/0.5 for outside plant and 1.0/1.0 for inside plant. Maximum attenuation per connector pair shall be .75 db.

C. Test Results

- 1. Test documentation shall be provided on disk/digitally as part of the asbuilt package. The disk shall be clearly marked on the outside front cover with the words "Project Test Documentation", the project name, and the date of completion (month and year). The results shall include a record of test frequencies, cable type, strand and cable I. D., measurement direction, reference setup, and crew member name(s). The test equipment name, manufacturer, model number, serial number, software version and last calibration date will also be provided at the end of the document. Unless the manufacturer specifies a more frequent calibration cycle, an annual calibration cycle is anticipated on all test equipment used for this installation. The test document shall detail the test method used and the specific settings of the equipment during the test as well as the software version being used in the field test equipment.
- 2. The field test equipment shall meet the requirements of ANSII TIA/EIA-568-B.I-3.
- 3. Printouts generated for each cable by the wire fiber test instruments shall be submitted as a part of the documentation package. Alternately, the contractor may furnish this information in electronic form or CD. These CDs shall contain the electronic equivalent of the test results as defined by the Specification and be of format readable from Microsoft Word.
- 4. When repairs and re-tests are performed, the problem found and corrective action taken shall be noted, and both the failed and passed test data shall be documented.

DOCUMENTATION

- A. As-Built record documentation for communications work shall include:
 - a. Cable routing and identification
 - b. Connection and programming schedules as appropriate
 - c. Equipment material list including quantities
 - d. Spare parts list with quantities if applicable
 - e. Details not on original Contract Documents Test Results
 - f. Warranties
- The Contractor shall provide and maintain at the site a set of prints. The prints shall accurately show the actual installation of all work under this section. All variations from contract drawings, including, but not limited to, changes in pathways, sizes, locations and dimensions shall be indicated. All changes shall be clearly and completely indicated as the work progresses.
- C. Program prints shall be available for inspection by the Owner or any of his representatives and may be used to determine the progress of communications infrastructure work.
- D. At the completion of the work, prepare a new set of as-built drawings of the work as actually noted on the marked-up prints, including the dimensioned location of all pathways.
- E. Furnish as-built drawings and documentation to the Project Manager.

OPERATIONS AND MANUAL

A. After competition of the work, the Contractor shall furnish and deliver Point-to-point diagrams, cabling diagrams, construction details and cable labeling details.

WARRANTY

- A. All contractor furnished equipment is to be new and warranted free of faulty workmanship and damage.
- B. The minimum warranty provisions specified shall not diminish the terms of individual equipment manufacturer's warranties.
- C. Contractor shall provide a 1-year warranty for labor, workmanship and supplies

- not provided by owner.
- D. Contractor shall provide a 1-year warranty for contractor supplied components used in the installed Pathway & Support Infrastructure. Defective and/or improperly installed contractor-supplied products shall be replaced and/or correctly installed at no cost to the Owner.

Installation shall be completed 90 days from issuance of the Notice to Proceed.

PRICING SHEET

26076-A: 911 Fiber Extension Project

Install conduit, fiber, boxes, and other items, complete successful testing, provide as-builts, and perform	\$
any related tasks.	
Note: All applicable charges shall be included in your quoted pric limited to mobilization, materials, equipment, fuel for equipment,	
charges or fees. No additional charges may be added after the quot	
State the number of days needed to commone work after the Neti	as to Drassad is
State the number of days needed to commence work after the Noti issued: Days	ce to Proceed is
State the number of days needed to complete the project after comwork: Days	nmencement of
COMPANY NAME:	

EXCEPTIONS TO SPECIFICATIONS 26076-A: 911 Fiber Extension Project

 <u> </u>	 	 	

ON CALL ENGINEERING - FIBER EXTENSION



LOCATION MAP

NOT TO SCALE

FIRE STATION NO. 7

VICINITY MAP NOT TO SCALE



VICINITY MAP NOT TO SCALE

ISSUED FOR REVIEW NOVEMBER 2025

PROJECT NUMBER: 2500-B

OWNER:



ENGINEER OF RECORD:

LEGAL ENTITY: ARCADIS-U.S., INC.



2839 PACES FERRY ROAD, SUITE 1000, ATLANTA, GA 30339-3769 TEL: 770.431.8666 FAX: 770.435.2666 www.ARCADIS.com

SHEET INDEX		
SHEET NO.	SHEET TITLE	
	GENERAL	
G-01	COVER SHEET AND SHEET INDEX	
	ELECTRICAL	
E-01	OVERALL SITE PLAN	
E-02	ENLARGED PLAN - PART - 1	
E-03	ENLARGED PLAN - PART - 2	
E-04	ENLARGED PLAN - PART - 3	
E-05	ENLARGED PLAN - PART - 4	
E-06	ENLARGED PLAN - PART - 5	
E-07	ENLARGED PLAN - PART - 6	
E-08	SOUTH FAYETTE WTP FILTER BUILDING	
E-09	PARTIAL SITE PLAN FIRE STATION NO. 4	
E-10	DETAILS	

ARCADIS ARCADIS U.S., INC. 2389 PACES FERRY RD SUITE 1000 ATLANTA, GA 30339

> FAYETTE COUNTRY, GEORGIA **FAYETTE COUNTY WATER** SYSTEM



ON CALL ENGINEERING - FIBER EXTENSION

880 ANTIOCH ROAD, FAYETTEVILLE, GA. 30215 UNITED STATES

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW, NOT FOR CONSTRUCTION

COPYRIGHT: ARCADIS U.S., INC.

PROJECT STATUS: ISSUE FOR BID PROJECT NO.: 30185805 **NOVEMBER 2025** N. DESHPANDE

V. GANESH DRAWN BY: T. POWELL CHECKED BY:

SHEET TITLE

GENERAL

COVER SHEET AND SHEET INDEX

ARCADIS ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL AND VERTICAL). THE EXISTING UTILITIES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

lities Protection Center. Inc

Know what's **below**.

Call before you dig.

Know what's **below.**

SCALE: N.T.S

DRAWING NO.: G-01 Call before you dig. SHEET NO.: 1 OF 11

SCOPE OF WORK:

- FCWS SOUTH FAYETTE WATER TREATMENT PLANT WILL BE UTILIZED AS A BACK-UP FOR THE 911 NETWORK FOR FIRE STATION NO. 4 AND FIRE STATION NO. 7.
- EXISTING FIBER CABLE WILL BE INTERCEPTED FROM UTILITY POLE AND CONTINUED TO FIRE STATION NO. 7 ABOVE GRADE VIA EXISTING UTILITY POLES.
- 3. FIBER CABLE TO ENTER FIRE STATION BELOW GRADE.
- 4. FIRE STATION NO. 4 WILL UTILIZE EXISTING PULLBOX AND CONDUIT BELOW GRADE TO TERMINATE NEW FIBER CABLE IN STATION.
- 5. FIBER OPTIC PATCH PANELS AND ALL ASSOCIATED NETWORK EQUIPMENT IS IN EXISTENCE AT EACH FACILITY WITHIN THIS SCOPE.

- 1. DRAWING IS DIAGRAMMATIC ONLY, CONTRACTOR IS TO FIELD VERIFY LOCATIONS AND ROUTING OF ALL CONDUIT AND CABLING.
- CONTRACTOR TO FOLLOW GDOT INSTALLATION REQUIREMENTS.
- 3. CONTRACTOR TO PULL, TERMINATE, AND TEST ALL FIBER CONNECTIONS.
- 4. PRIOR TO WORK, CALL 811 FOR STAKING OF EXISTING UTILITY.

OVERALL TOTAL FOOTAGE = 6606'

OVERALL TOTAL FOOTAGE ON GDOT R/W = 1323' OVERALL TOTAL FOOTAGE ON AERIAL = 2058'

OVERALL TOTAL FOOTAGE TRENCHING CONDUIT = 10'

OVERALL TOTAL FOOTAGE ON DIRECTIONAL BORE CONDUIT = 4510'

ARCADIS ARCADIS U.S., INC. 2389 PACES FERRY RD SUITE 1000 ATLANTA, GA 30339 TEL: 770-431-8666 WWW.ARCADIS.COM

FAYETTE COUNTRY, GEORGIA FAYETTE COUNTY WATER SYSTEM



ON CALL ENGINEERING - FIBER EXTENSION

880 ANTIOCH ROAD, FAYETTEVILLE, GA. 30215 UNITED STATES

SEALS

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW, NOT FOR CONSTRUCTION

COPYRIGHT: ARCADIS U.S., INC.

PROJECT STATUS: ISSUE FOR BID PROJECT NO.: 30185805

NOVEMBER 2025

DESIGNED BY: N. DESHPANDE

DRAWN BY: CHECKED BY: T. POWELL

SHEET TITLE

ELECTRICAL

V. GANESH

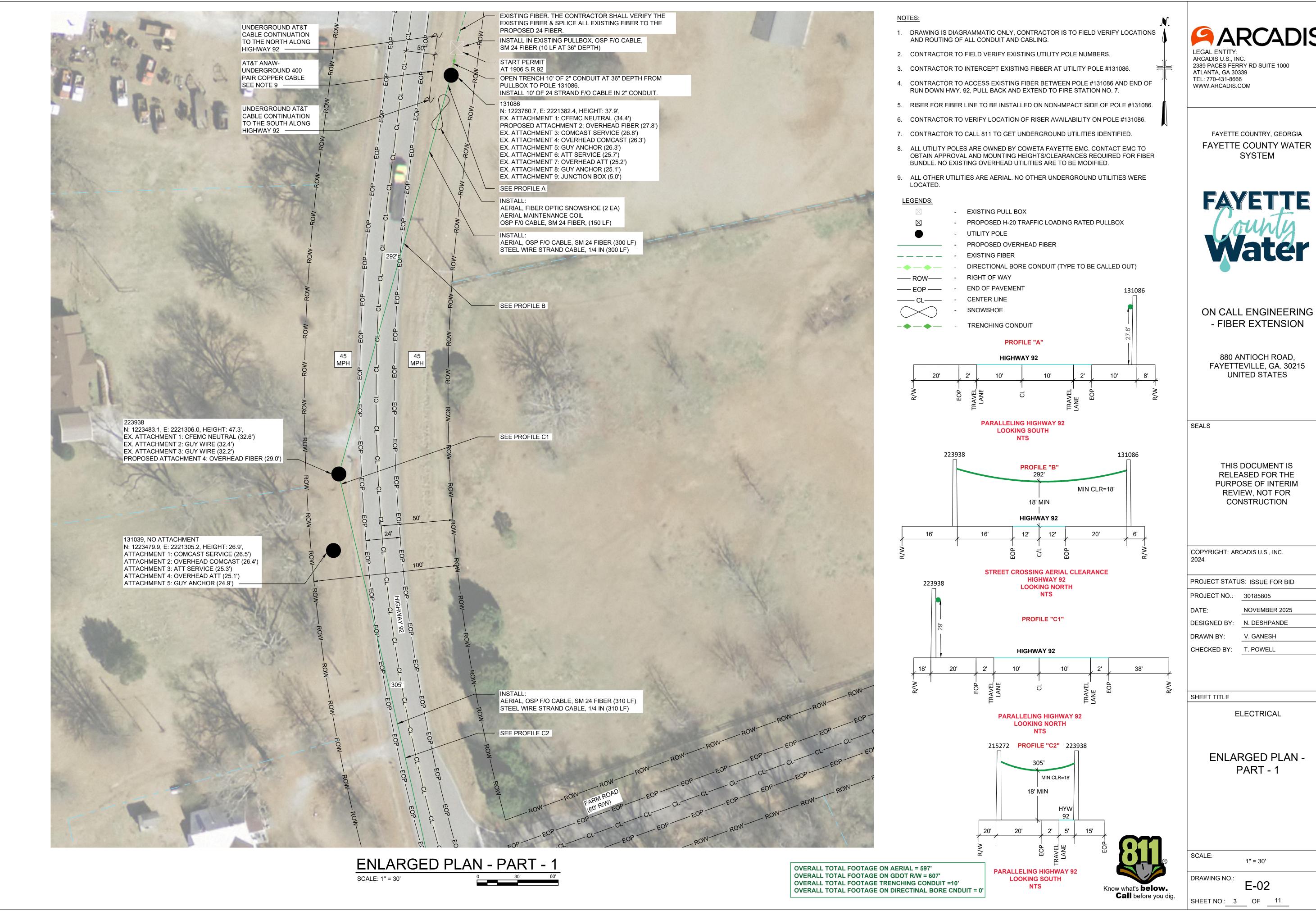
OVERALL SITE PLAN

Know what's **below. Call** before you dig.

SCALE: 1" = 250'

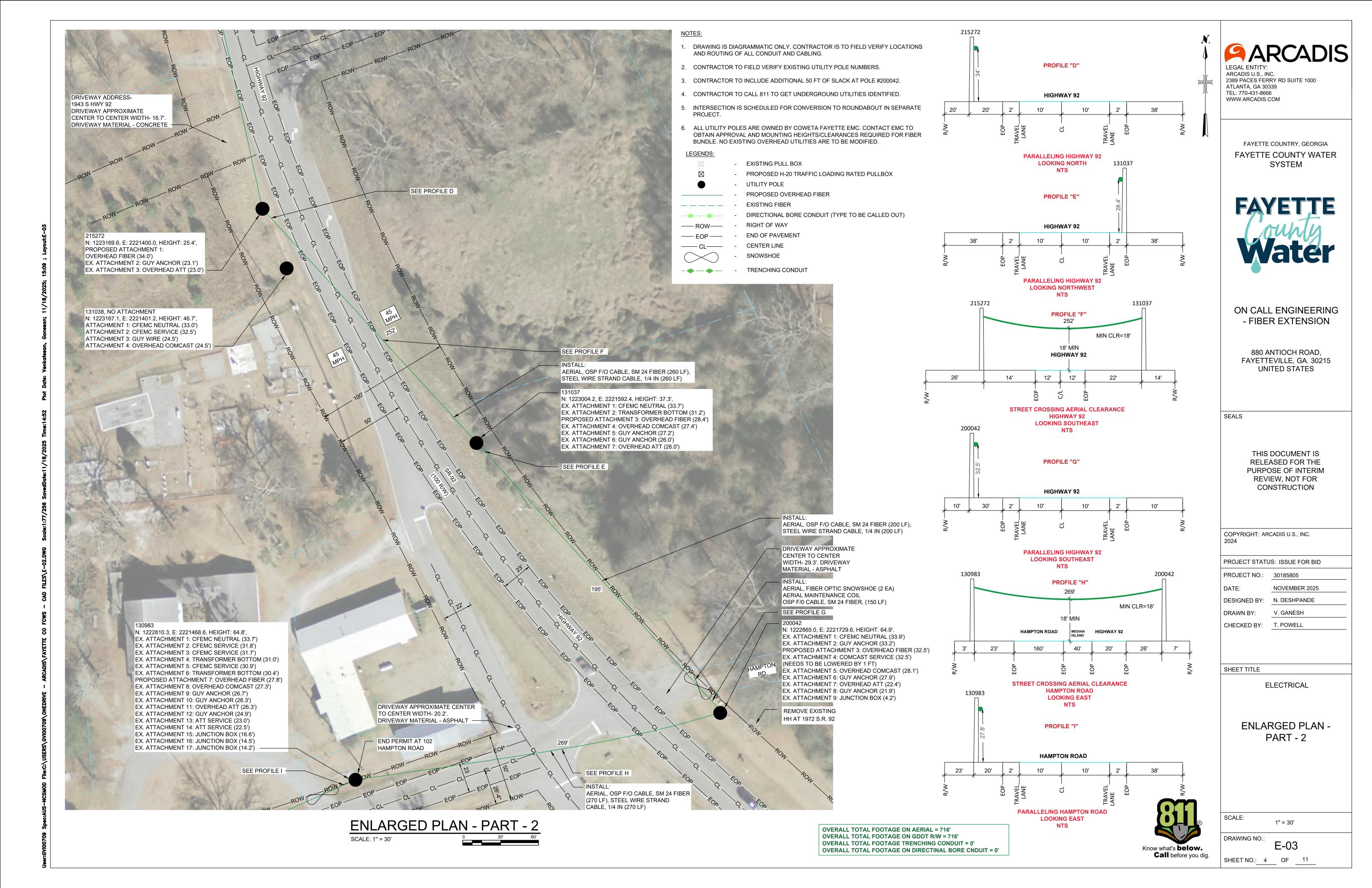
SHEET NO.: 2 OF 11

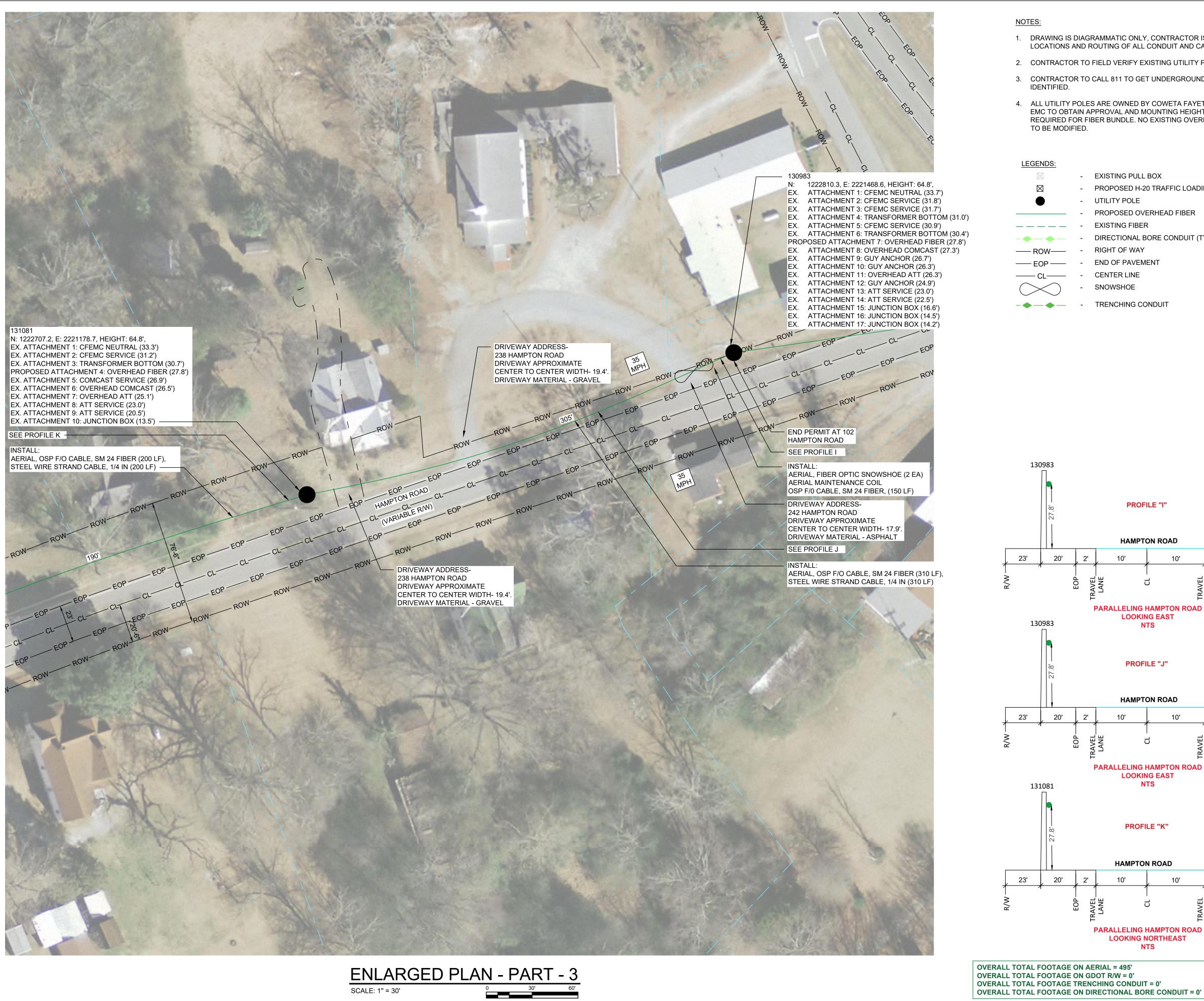
DRAWING NO.: E-01



ARCADIS







1. DRAWING IS DIAGRAMMATIC ONLY, CONTRACTOR IS TO FIELD VERIFY LOCATIONS AND ROUTING OF ALL CONDUIT AND CABLING.

2. CONTRACTOR TO FIELD VERIFY EXISTING UTILITY POLE NUMBERS.

3. CONTRACTOR TO CALL 811 TO GET UNDERGROUND UTILITIES IDENTIFIED.

4. ALL UTILITY POLES ARE OWNED BY COWETA FAYETTE EMC. CONTACT EMC TO OBTAIN APPROVAL AND MOUNTING HEIGHTS/CLEARANCES REQUIRED FOR FIBER BUNDLE. NO EXISTING OVERHEAD UTILITIES ARE TO BE MODIFIED.

LEGENDS:

- EXISTING PULL BOX

- PROPOSED H-20 TRAFFIC LOADING RATED PULLBOX

- UTILITY POLE PROPOSED OVERHEAD FIBER

PROFILE "I"

HAMPTON ROAD

PARALLELING HAMPTON ROAD **LOOKING EAST**

PROFILE "J"

HAMPTON ROAD

PARALLELING HAMPTON ROAD **LOOKING EAST**

PROFILE "K"

HAMPTON ROAD

PARALLELING HAMPTON ROAD LOOKING NORTHEAST

10'

EXISTING FIBER

DIRECTIONAL BORE CONDUIT (TYPE TO BE CALLED OUT)

RIGHT OF WAY

END OF PAVEMENT

CENTER LINE

20'

130983

131081

TRENCHING CONDUIT

ON CALL ENGINEERING - FIBER EXTENSION

ARCADIS

FAYETTE COUNTRY, GEORGIA **FAYETTE COUNTY WATER**

SYSTEM

FAYETTE

2389 PACES FERRY RD SUITE 1000

ARCADIS U.S., INC.

ATLANTA, GA 30339

TEL: 770-431-8666 WWW.ARCADIS.COM

> 880 ANTIOCH ROAD, FAYETTEVILLE, GA. 30215 **UNITED STATES**

SEALS

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW, NOT FOR CONSTRUCTION

COPYRIGHT: ARCADIS U.S., INC.

PROJECT STATUS: ISSUE FOR BID

PROJECT NO.: 30185805

NOVEMBER 2025

DESIGNED BY: N. DESHPANDE

V. GANESH DRAWN BY: CHECKED BY: T. POWELL

SHEET TITLE

ELECTRICAL

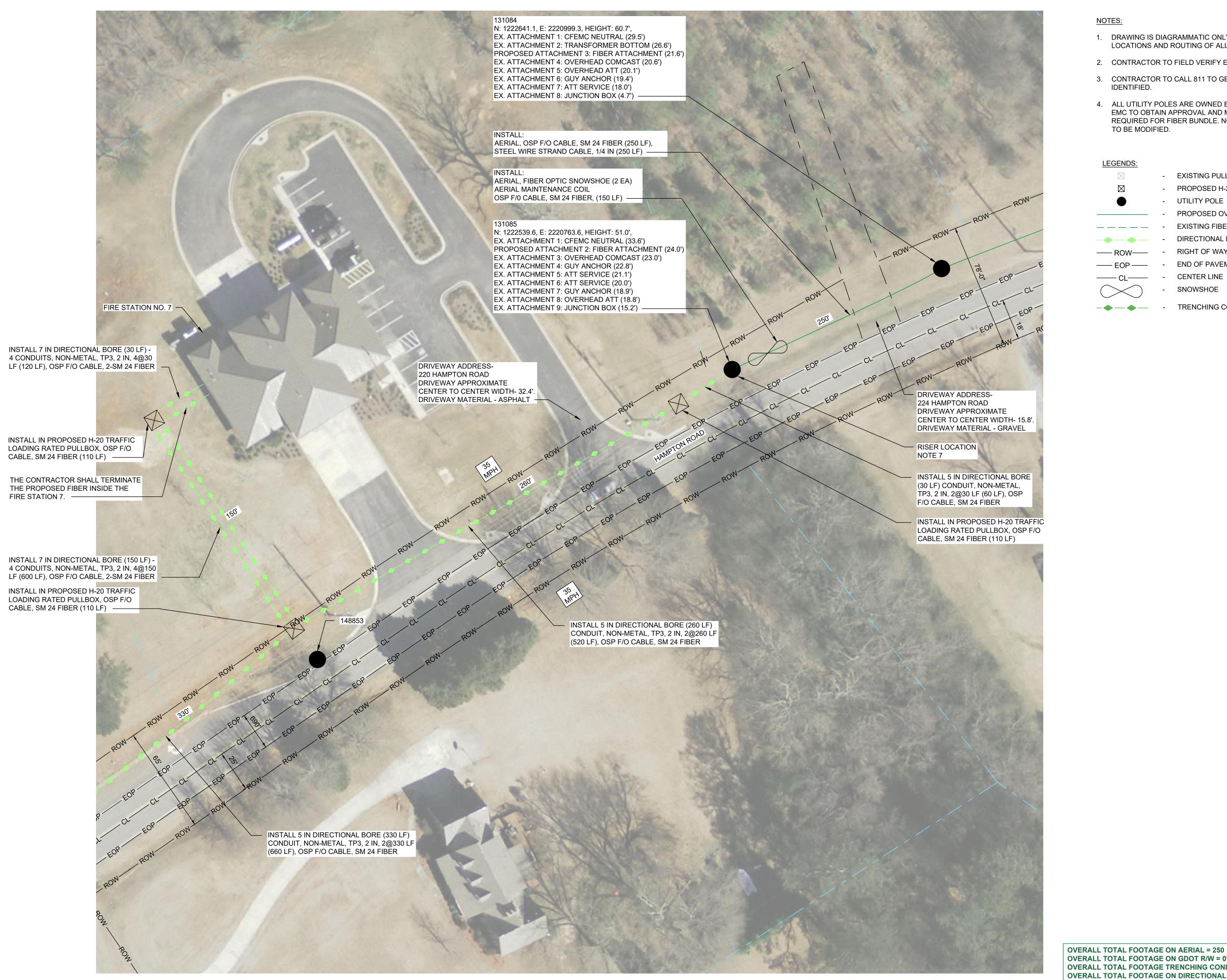
ENLARGED PLAN -PART - 3

1" = 30'

SCALE:

Know what's **below.** Call before you dig.

DRAWING NO .: E-04 SHEET NO.: 5 OF 11



ENLARGED PLAN - PART - 4

- 1. DRAWING IS DIAGRAMMATIC ONLY, CONTRACTOR IS TO FIELD VERIFY LOCATIONS AND ROUTING OF ALL CONDUIT AND CABLING.
- 2. CONTRACTOR TO FIELD VERIFY EXISTING UTILITY POLE NUMBERS.
- 3. CONTRACTOR TO CALL 811 TO GET UNDERGROUND UTILITIES IDENTIFIED.
- 4. ALL UTILITY POLES ARE OWNED BY COWETA FAYETTE EMC. CONTACT EMC TO OBTAIN APPROVAL AND MOUNTING HEIGHTS/CLEARANCES REQUIRED FOR FIBER BUNDLE. NO EXISTING OVERHEAD UTILITIES ARE TO BE MODIFIED.

LEGENDS:

EXISTING PULL BOX

- PROPOSED H-20 TRAFFIC LOADING RATED PULLBOX UTILITY POLE

EXISTING FIBER

DIRECTIONAL BORE CONDUIT (TYPE TO BE CALLED OUT)

PROPOSED OVERHEAD FIBER

RIGHT OF WAY

END OF PAVEMENT

CENTER LINE

SNOWSHOE

TRENCHING CONDUIT

ARCADIS ARCADIS U.S., INC. 2389 PACES FERRY RD SUITE 1000 ATLANTA, GA 30339 TEL: 770-431-8666

WWW.ARCADIS.COM

FAYETTE COUNTRY, GEORGIA **FAYETTE COUNTY WATER** SYSTEM



ON CALL ENGINEERING - FIBER EXTENSION

880 ANTIOCH ROAD, FAYETTEVILLE, GA. 30215 **UNITED STATES**

SEALS

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW, NOT FOR CONSTRUCTION

COPYRIGHT: ARCADIS U.S., INC.

PROJECT STATUS: ISSUE FOR BID PROJECT NO.: 30185805

DESIGNED BY: N. DESHPANDE

V. GANESH DRAWN BY:

NOVEMBER 2025

CHECKED BY: T. POWELL

SHEET TITLE

ELECTRICAL

ENLARGED PLAN -PART - 4

Know what's **below.** Call before you dig.

SCALE:

1" = 30'

DRAWING NO .: E-05

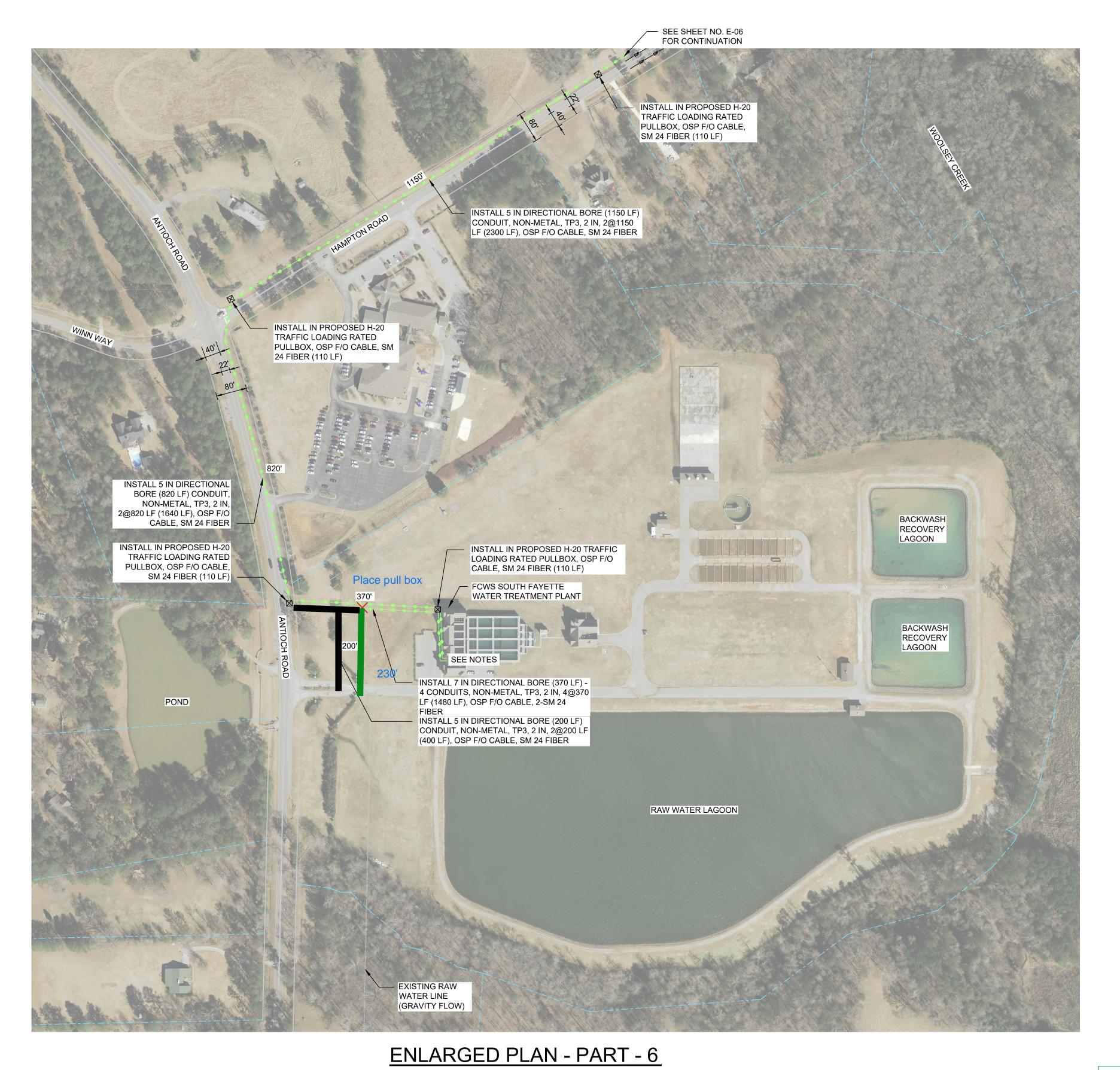
SHEET NO.: 6 OF 11

OVERALL TOTAL FOOTAGE ON GDOT R/W = 0' OVERALL TOTAL FOOTAGE TRENCHING CONDUIT = 0' OVERALL TOTAL FOOTAGE ON DIRECTIONAL BORE CONDUIT = 740'



FAYETTE COUNTY WATER





SCALE: 1" = 150'

- 1. DRAWING IS DIAGRAMMATIC ONLY, CONTRACTOR IS TO FIELD VERIFY LOCATIONS AND ROUTING OF ALL CONDUIT AND CABLING.
- 2. CONTRACTOR TO TERMINATE NEW FIBER INTO EXISTING NETWORK SWITCH IN ELECTRICAL ROOM AT FCWS SOUTH FAYETTE PLANT.
- 3. CONTRACTOR TO AVOID PARKING LOT AND SIDEWALK FOR CONDUIT ROUTING.
- 4. FIBER CONDUIT TO BE ROUTED ALONG PROPERTY LINE AND CROSS OVER FINISH WATER LINE BEFORE ENTERING THE WATER TREATMENT PLANT.

LEGENDS:

- EXISTING PULL BOX - PROPOSED H-20 TRAFFIC LOADING RATED PULLBOX

UTILITY POLE

PROPOSED OVERHEAD FIBER EXISTING FIBER

- DIRECTIONAL BORE CONDUIT (TYPE TO BE CALLED OUT) RIGHT OF WAY

 END OF PAVEMENT CENTER LINE

SNOWSHOE

—◆—◆— - TRENCHING CONDUIT

ARCADIS ARCADIS U.S., INC. 2389 PACES FERRY RD SUITE 1000 ATLANTA, GA 30339 TEL: 770-431-8666

WWW.ARCADIS.COM

FAYETTE COUNTRY, GEORGIA FAYETTE COUNTY WATER

SYSTEM



ON CALL ENGINEERING - FIBER EXTENSION

880 ANTIOCH ROAD, FAYETTEVILLE, GA. 30215 UNITED STATES

SEALS

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW, NOT FOR CONSTRUCTION

COPYRIGHT: ARCADIS U.S., INC.

PROJECT STATUS: ISSUE FOR BID

PROJECT NO.: 30185805

NOVEMBER 2025 DESIGNED BY: N. DESHPANDE

V. GANESH DRAWN BY: CHECKED BY: T. POWELL

SHEET TITLE

ELECTRICAL

ENLARGED PLAN -PART - 6

SCALE:

1" = 150'

DRAWING NO.: E-07

Know what's **below. Call** before you dig. SHEET NO.: 8 OF 11

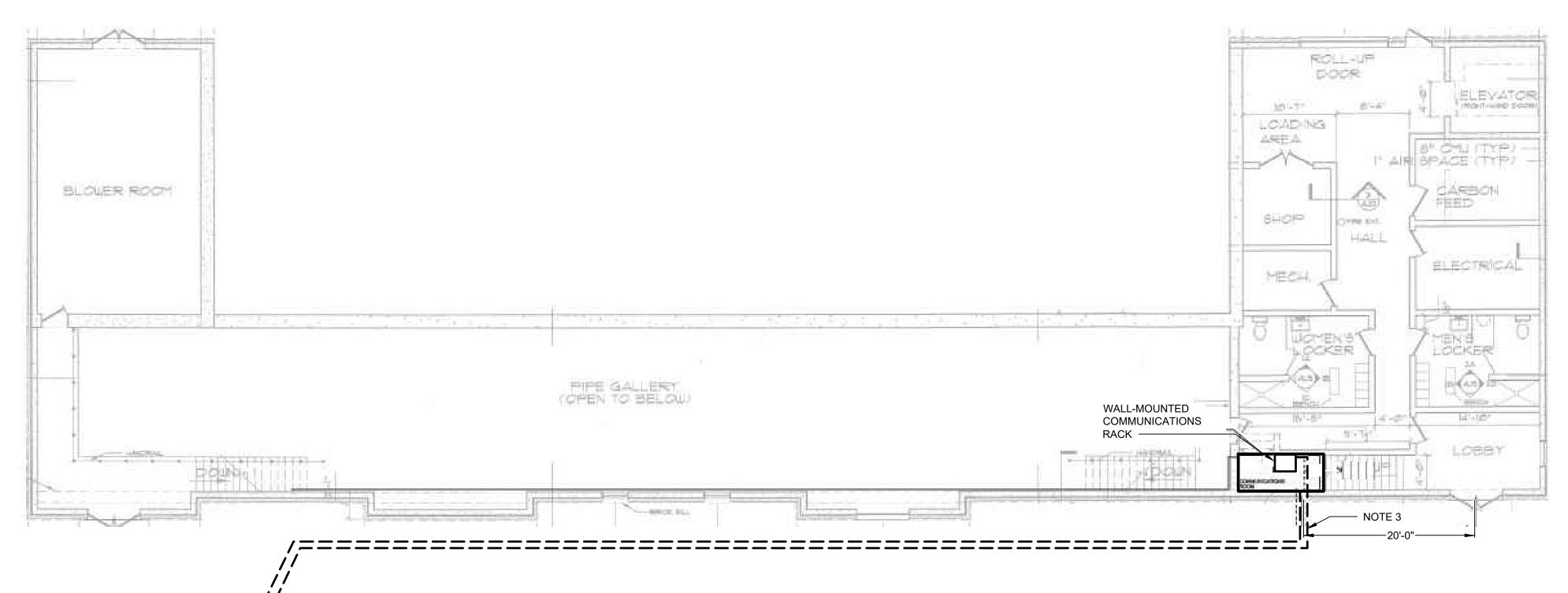
OVERALL TOTAL FOOTAGE ON AERIAL = 0' OVERALL TOTAL FOOTAGE ON GDOT R/W = 0'

OVERALL TOTAL FOOTAGE TRENCHING CONDUIT = 0' OVERALL TOTAL FOOTAGE ON DIRECTIONAL BORE CONDUIT = 2540'



FRONT ELEVATION

SCALE: NOT TO SCALE



NOTE

- CONTRACTOR TO ROUTE TWO CONDUIT FROM ANTIOCH ROAD 415 FT TO FRONT OF WATER TREATMENT PLANT, THEN ROUTED SOUTH TO WITHIN 20 FT OF MAIN ENTRANCE BEFORE ENTERING BUILDING.
- 2. CONDUIT TO ENTER BUILDING DIRECTLY INTO COMMUNICATIONS ROOM.
- 3. CONDUIT CONTAINING FIBER TO BE MOUNTED TO THE BOTTOM SIDE OF STAIRS IN COMMUNICATIONS ROOM.



FAYETTE COUNTRY, GEORGIA

FAYETTE COUNTY WATER SYSTEM



ON CALL ENGINEERING
- FIBER EXTENSION

880 ANTIOCH ROAD, FAYETTEVILLE, GA. 30215 UNITED STATES

SEALS

THIS DOCUMENT IS
RELEASED FOR THE
PURPOSE OF INTERIM
REVIEW, NOT FOR
CONSTRUCTION

COPYRIGHT: ARCADIS U.S., INC. 2024

024

PROJECT STATUS: ISSUE FOR BID
PROJECT NO.: 30185805

TE: NOVEMBER 2025

DESIGNED BY: N. DESHPANDE

DRAWN BY: V. GANESH

CHECKED BY: T. POWELL

SHEET TITLE

ELECTRICAL

SOUTH FAYETTE WTP FILTER BUILDING

SCALE: N.T.S

DRAWING NO.:

E-08

SHEET NO.: 9 OF 11

ELEVATION AT GRADE

SCALE: NOT TO SCALE



LEGAL ENTITY:
ARCADIS U.S., INC.
2389 PACES FERRY RD SUITE 1000
ATLANTA, GA 30339
TEL: 770-431-8666
WWW.ARCADIS.COM

NOTES:

1. DRAWING IS DIAGRAMMATIC ONLY, CONTRACTOR IS TO

FAYETTE COUNTRY, GEORGIA
FAYETTE COUNTY WATER
SYSTEM



ON CALL ENGINEERING
- FIBER EXTENSION

880 ANTIOCH ROAD, FAYETTEVILLE, GA. 30215 UNITED STATES

SEALS

THIS DOCUMENT IS
RELEASED FOR THE
PURPOSE OF INTERIM
REVIEW, NOT FOR
CONSTRUCTION

COPYRIGHT: ARCADIS U.S., INC. 2024

2024

PROJECT STATUS: ISSUE FOR BID
PROJECT NO.: 30185805

E: NOVEMBER 2025

DESIGNED BY: N. DESHPANDE

DRAWN BY: V. GANESH
CHECKED BY: T. POWELL

SHEET TITLE

ELECTRICAL

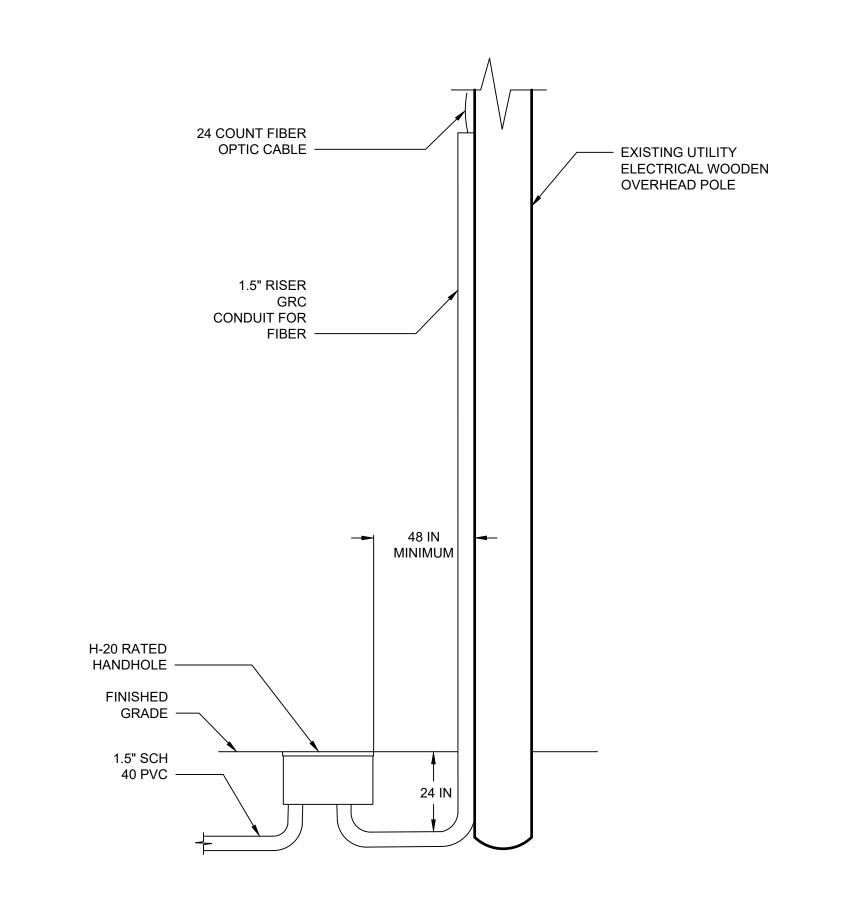
PARTIAL SITE PLAN FIRE STATION NO. 4

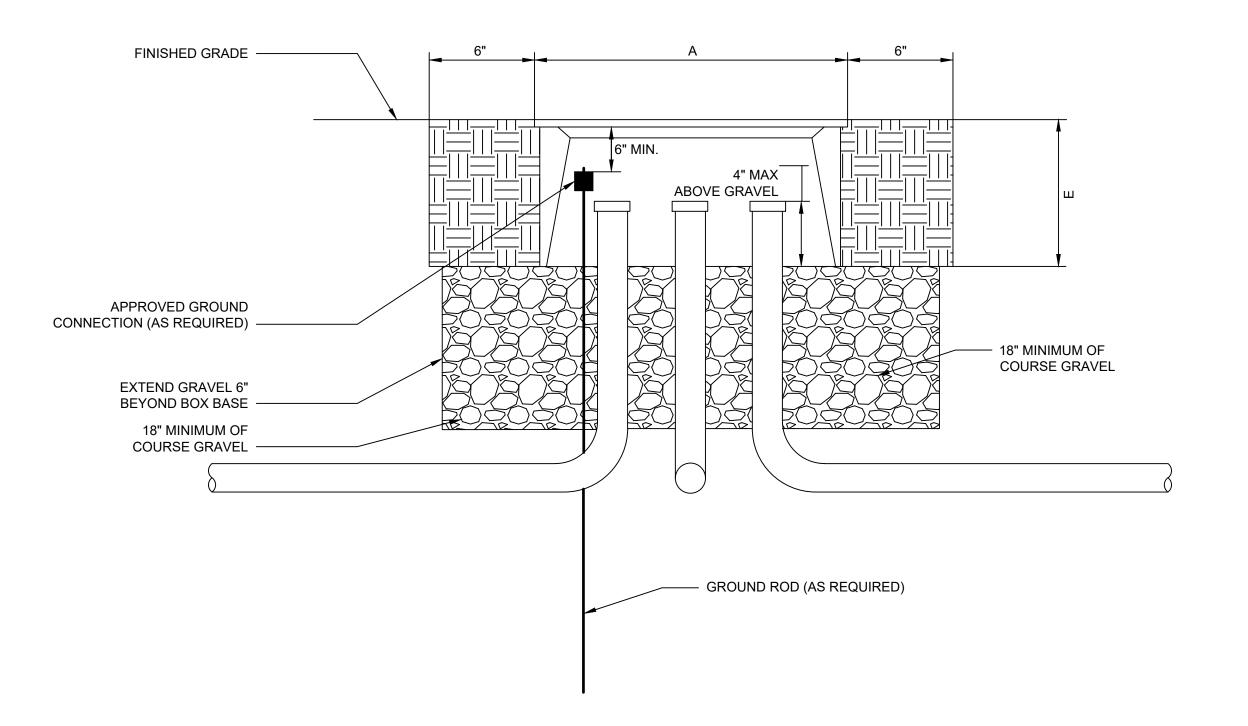
SCALE:

1" = 50'

DRAWING NO.:

SHEET NO.: 10 OF 11



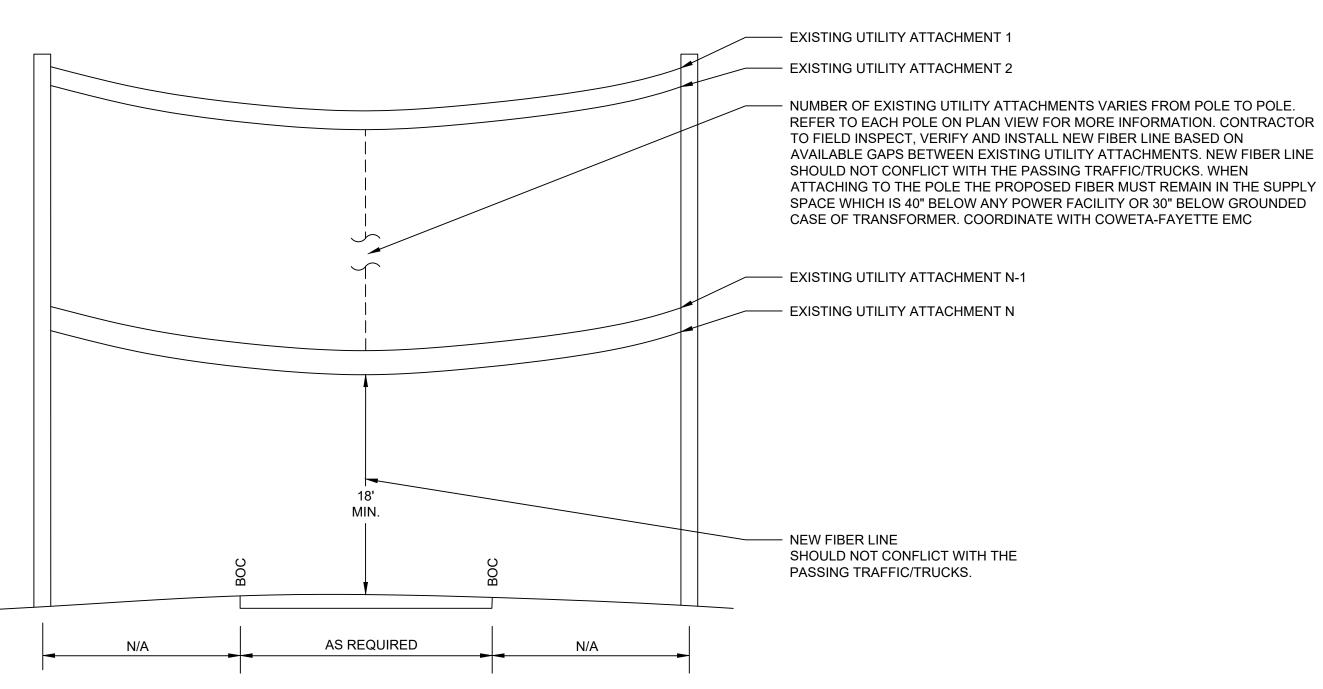


1 RISER DETAIL

E-10 SCALE: NOT TO SCALE

2 ELECTRICAL PULL BOX DETAIL

SCALE: NOT TO SCALE



3 AERIAL CLEARANCE DETAIL

SCALE: NOT TO SCALE

LEGAL ENTITY:
ARCADIS U.S., INC.
2389 PACES FERRY RD SUITE 1000
ATLANTA, GA 30339
TEL: 770-431-8666
WWW.ARCADIS.COM

FAYETTE COUNTY, GEORGIA
FAYETTE COUNTY WATER
SYSTEM



ON CALL ENGINEERING
- FIBER EXTENSION

880 ANTIOCH ROAD, FAYETTEVILLE, GA. 30215 UNITED STATES

SEALS

THIS DOCUMENT IS
RELEASED FOR THE
PURPOSE OF INTERIM
REVIEW, NOT FOR
CONSTRUCTION

COPYRIGHT: ARCADIS U.S., INC.

2024

PROJECT STATUS: ISSUE FOR BID
PROJECT NO.: 30185805

DESIGNED BY: N. DESHPANDE

DRAWN BY: V. GANESH
CHECKED BY: T. POWELL

SHEET TITLE

ELECTRICAL

NOVEMBER 2025

DETAILS

SCALE: N.T.S

DRAWING NO.:

E-10
SHEET NO.: 11 OF 11