



## Oconee County Board of Commissioners

### Addendum 2

**DATE:** November 18, 2022  
**TO:** All Prospective Bidders/Offerors  
**FROM:** Procurement Officer  
**RE:** Addendum 2, RFP# 23-10-006 Internet Fiber Line Installation

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The following changes are to be incorporated into the solicitation documents dated **October 31, 2022**. All those receiving this addendum should modify their documents to show the below described changes.

1. Answers to questions submitted prior to the deadline of 5:00 pm on November 14, 2022.
2. Administrative Building Fiber Site Plan
3. Administrative Building Fiber to Server Room Plan

All questions shall be directed to the Owner Contact, Jessica Ellis, Procurement Officer via email to [ocbids@oconee.ga.us](mailto:ocbids@oconee.ga.us).

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**1. Answers to questions submitted prior to the deadline of 5:00 pm on November 14, 2022.**

**Q1:** Can you verify (preferably with photos) the path from the Courthouse building entry point to the IT closet/server?

- a. Is there a dedicated empty conduit or will we be using a conduit with existing cable (aka 'overpull').

**A1:** Conduit enters into the Courthouse in a crawl space. Conduit from there leads to a storage area. Conduit from there leads to the IT closet/server.

- a. All Courthouse conduit has existing cable inside. There is adequate room in existing conduit for overpull.

**Q2:** Can you verify the existence of, and provide, any documentation regarding existing infrastructure buried on the courthouse grounds (i.e. fire suppression, gas service line, existing telecom, water service, etc.).

**A2:** No current documentation exists.

**Q3:** Can you confirm there will be pathways installed from new Admin building entry point to IT closet/server?

**A3:** There will be pathways installed from the new Admin building entry point to the IT closet.

**Q4:** If additional conduit exists on the Courthouse to Jail path, can it be used in the construction of the Courthouse to Admin path?

**A4:** As a part of the RFP we are open to solutions. If you would like to incorporate the existing conduit to the Jail in your plan that is OK with Oconee County.

**Q5:** How critical will this path be? Will 'redundancy' be required in the event the fiber is damaged in the future?

**A5:** This will be the only path.

**Q6:** Regarding Section II Paragraph K "Warranty" could you please confirm that the warranty requested is a one year contractors' warranty and not a manufacturer's warranty? If this is the case I would like to bring to the County's attention that manufacturer 20-year warranties are a common requirement in projects of this type and can provide added value to your network with no additional cost. Would the county opt to register this project with a manufacturer for a long-term warranty?

**A6:** Yes, we would prefer to include the contractor registering this project with a manufacturer's long-term warranty.

**Q7:** What size conduit and how many would you like installed?

**A7:** The RFP is for one 2" conduit. We are open to a larger conduit size if it makes sense due to cost or availability of materials

**Q8:** What count fiber would you like placed between buildings.?

**A8:** The RFP is for 24 count. We are open to a higher count if it makes sense due to cost or availability of materials.

**Q9:** Are we provided the fiber termination panels for the project. If so do you have a preference on type and how many fibers do you want terminated in each building?

**A9:** You will need to provide the termination panels for both ends. We prefer SC/APC and would like 24 fibers terminated in each building.

**Q10:** We would suggest running a Di-electric fiber from building to building to reduce splicing costs, we will quote providing and placing a tracer wire along with the fiber on the right of way so that it can be located. Are you ok with this?

**A10:** As a part of the RFP we are open to solutions. If you would like to incorporate Di-Electric fiber into your plan that is OK with the Oconee County.

**Q11:** What size vaults (handholes) would you like placed along the route.

**A11:** As a part of the RFP we are open to solutions. If you would like to incorporate a particular sized vault into your plan that is OK with Oconee County.

**Q12:** How would you like to handle rock on this project if we encounter any? We could build an estimated amount into our quote or handle it as a change order if encountered.

**A12:** We would like these to be handled with Change Orders.

**UTILITY NOTES**

- ANCHOR COLLARS SHALL BE PROVIDED ON STORM AND SANITARY SEWER LINES WHOSE SLOPES EXCEED 15%.
- WATER METER AND WATER TAP SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH NEW FINISH GRADES.
- TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH NEW FINISH GRADES.
- REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW PIPE LINES.
- THRUST BLOCKS SHALL BE LOCATED AT ALL WATER PIPE VALVES, VERTICAL BENDS, AND VERTICAL ELBOWS AND TEES, HORIZONTAL ELBOWS AND TEES. FIRE HYDRANTS SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH NFPA BULLETIN NO. 24, SECTION 96, PARAGRAPHS 9605, 9606, AND TABLE 9605.
- SANITARY SEWER LINE SHALL BE OF DUCTILE IRON PIPE AT ALL LOCATIONS WHERE SANITARY LINE CROSSES ABOVE OR BELOW A STORM SEWER LINE.
- WHERE WATER PIPING CROSSES THE SANITARY SEWER LINE, THE WATER SERVICE WITHIN TEN FEET OF THE POINT OF CROSSING SHALL BE AT LEAST 12 INCHES ABOVE THE TOP OF THE SEWER LINE, THE SEWER LINE SHALL BE OF DUCTILE IRON WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF THE CROSSING.
- PIPES UNDERGROUND SHALL BE INSTALLED, TESTED AND APPROVED BEFORE BACKFILLING.
- EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY RELOCATION OF EXISTING UTILITIES SUCH AS POWER AND TELEPHONE POLES AND THE COORDINATION OF SUCH WITH THE PROPER UTILITY OWNER.

**UTILITY CONTACTS**

**GAS**  
ATLANTA GAS LIGHT ATHENS  
PHONE: 404-938-2339

**TELECOM**  
ATT/D  
PHONE: 305-409-1542

**TELECOM**  
CHARTER COMMUNICATIONS  
PHONE: 800-778-9140

**ELECTRIC**  
GEORGIA POWER  
PHONE: 404-506-6539

**ELECTRIC**  
WALTON EMC  
PHONE: 770-266-2547

**WATER**  
OCONEE COUNTY UTILITY DEPT.  
PHONE: 706-215-1845

**SEWER**  
OCONEE COUNTY UTILITY DEPT.  
PHONE: 706-215-1845

Oconee County Board of Commissioners  
Water Resources  
1291 Greensboro Highway  
Watkinsville, GA 30677  
706-769-3960  
www.oconeecounty.com

Fire Flow Calculation

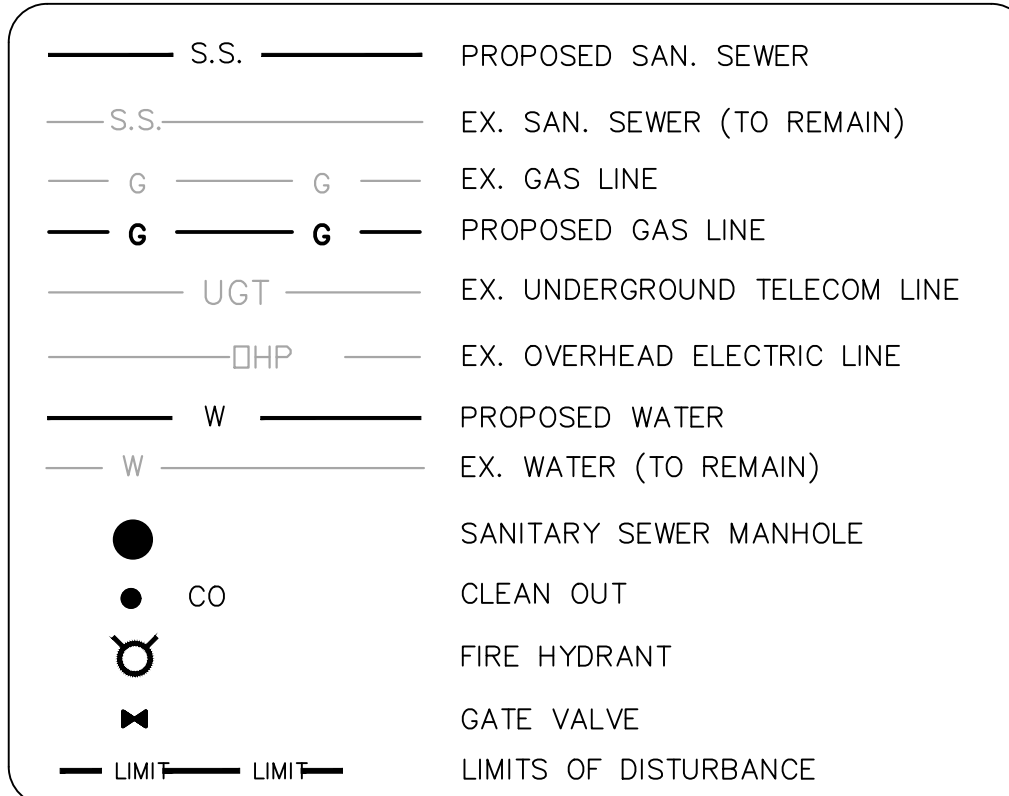
1 Static Pressure Reading	115
2 Flow Pressure Reading	75
3 Residual Pressure Reading	
4 Size of Orifice	2 1/4
5 GPM at flow pressure from table B or Measured Flow	1174
6 Static Psi - 20 psi residual	95
7 Static Psi - residual psi	40
8 54th power of #6	11.69
9 54th power of #7	7.33
10 Converted sum of #8/#9	1.80
11 GPM from #5 x sum of #10	1873 = gpm at 20 psi
12 Rounded off final flow	1900 GPM

Hydrant Flow Test Date and Time: 10/15/2021  
Test Location: 441 at Moreland Heights  
Test for Project: OC Administration Building  
Test Performed By: Lance Raines

**FIRE FLOW TEST**

GDOT PERMIT NUMBER A-219-008038-1

**UTILITY SYMBOLS LEGEND**



**OCONEE WATER/SEWER NOTES**

- ALL WATER AND SEWER INSTALLATION SHALL FOLLOW THE OCONEE WATER AND WASTEWATER STANDARDS AND SPECIFICATIONS DATED 2/2021.
- DUCTILE IRON SEWER SHALL HAVE A 401 LINER.
- ALL FIRE HYDRANTS SHALL BE MUELLER. ALL HYDRANTS SHALL BE LOCATED SO THAT ALL PLANNED STRUCTURES ARE WITHIN 300 FEET OF A FIRE HYDRANT.
- ALL WATER MAINS SHALL HAVE A MIN. OF FOUR FEET OF COVER.
- PVC IN THE RIGHT OF WAY WILL BE AWWA C900/B PVC PRESSURE PIPE | GASKETED INTEGRAL BELL. THE BORE AND CASE SHALL HAVE CASING SPACERS EVERY 5 FEET.

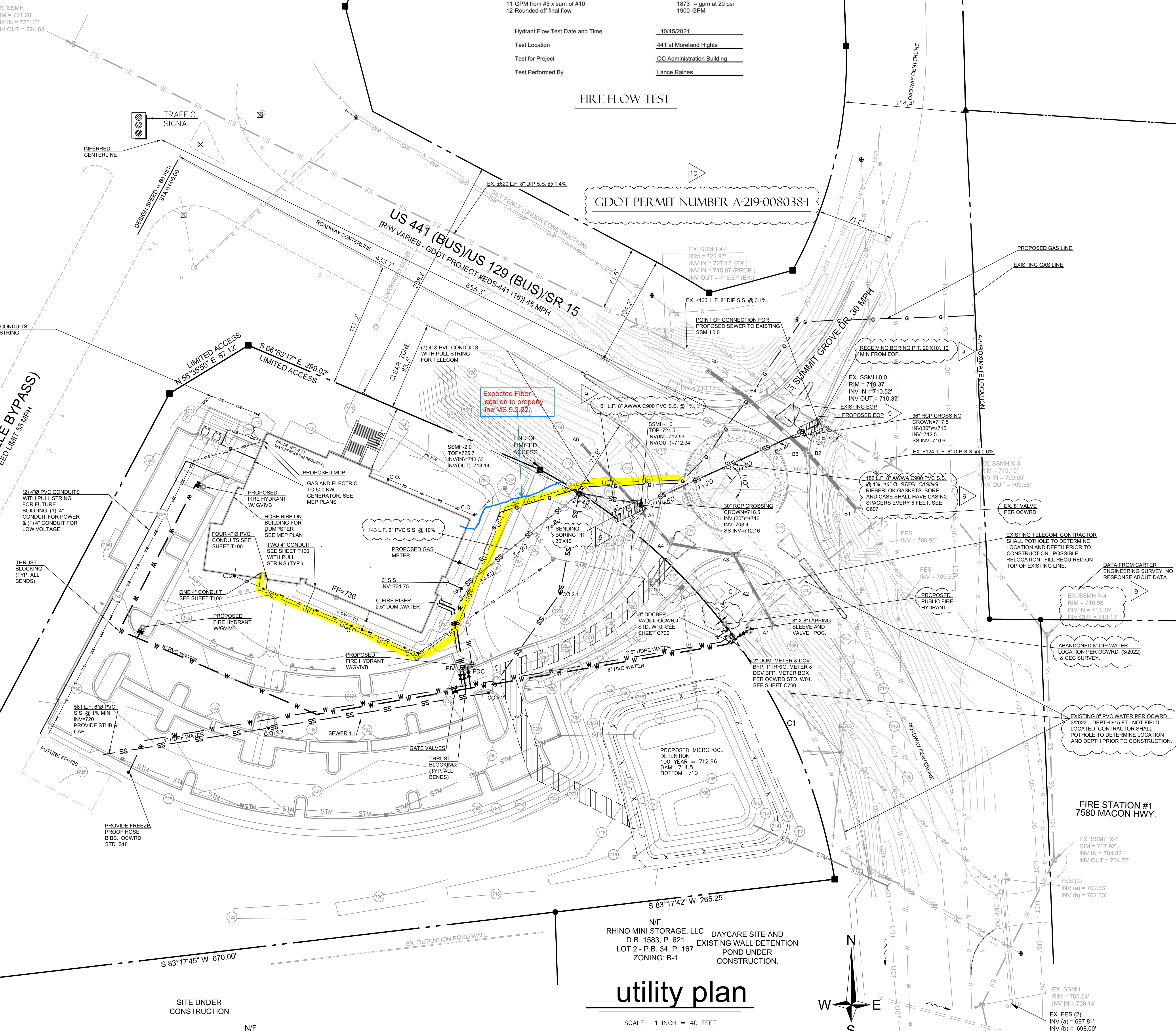
ESTIMATED WASTEWATER CAPACITY - OFFICE USE  
44,000 SF 5 GALLONS/100 SF = 2,200 GPD

**NOTE**

THIS IS AN OCONEE COUNTY PROJECT. ROUNDABOUT AREA IS STILL UNDER BID. SUB-CONTRACTOR TO BE ANNOUNCED AT A LATER DATE.

US 441/US 129 (BUS/JUS 129 (BUS/SR 15)  
IR/W VARIES - GDOT PROJECT #EDS-441 (16) 45 MPH

US 441/US 129 (WATKINSVILLE BYPASS)  
IR/W VARIES - GDOT PROJECT #EDS-441 (16) 55 MPH

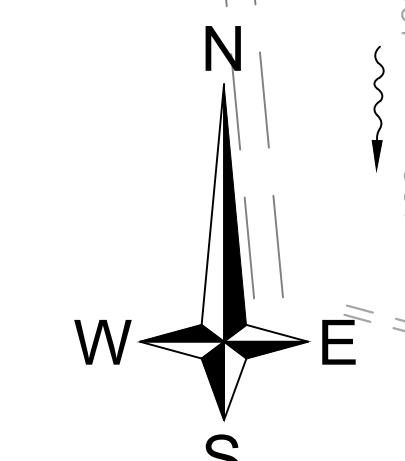
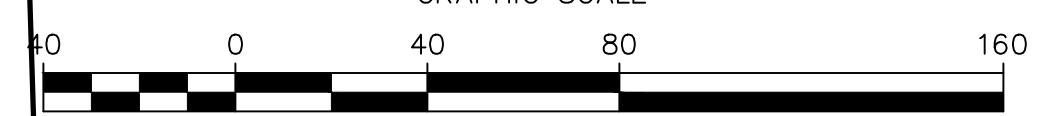


N/F  
RHINO MINI STORAGE, LLC  
D.B. 1583, P. 621  
LOT 2 - P.B. 34, P. 167  
ZONING: B-1

DAYCARE SITE AND  
EXISTING WALL DETENTION  
POND UNDER  
CONSTRUCTION.

**utility plan**

SCALE: 1 INCH = 40 FEET  
GRAPHIC SCALE



EXISTING INFORMATION SHOWN HAS BEEN BASED UPON AN ELECTRONIC SURVEY BY CEC DATED 8-10-2021, REVISED 11.17.2021.

N/F  
RHINO MINI STORAGE, LLC  
D.B. 1583, P. 621  
P.B. 30, P. 261  
ZONING: O-B-P

**OCONEE COUNTY ADMINISTRATIVE BUILDING**

7635 MACON HWY  
WATKINSVILLE, GA 30677



Hill Foley Rossi & Associates  
ARCHITECTURE  
INTERIOR DESIGN  
STRUCTURAL ENGINEERING  
CIVIL ENGINEERING  
3680 Pleasant Hill Road  
Suite 200  
Duluth, GA 30096  
770.622.9858

Jordan & Skala Engineers  
MEP+FP ENGINEERING  
4275 Shackelford Road  
Norcross, GA 30093  
770.447.5547

SEALS AND SIGNATURES



NO.	DATE	ISSUE
1	2.4.22	REVIEW
2	2.18.22	PERMIT SUBMIT 1
3	3.10.22	EROSION COMMENTS
4	3.31.22	COUNTY COMMENTS
5	4.25.22	COUNTY & EROSION COMMENTS
6	5.17.22	COUNTY & EROSION COMMENTS
7	5.24.22	RELOCATE CO TO HWY 441
8	6.13.22	SILT FENCE AREA UPDATE
9	7.07.22	GUPS PERMIT
10	7.08.22	GUPS PERMIT

SHEET TITLE

utility plan

PROJECT NUMBER HFR# 21.146

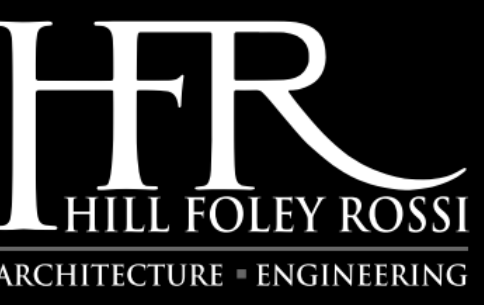
**C300**

SHEET NUMBER



OCONEE COUNTY ADMINISTRATIVE BUILDING

7575 MACON HWY WATKINSVILLE, GA 30677

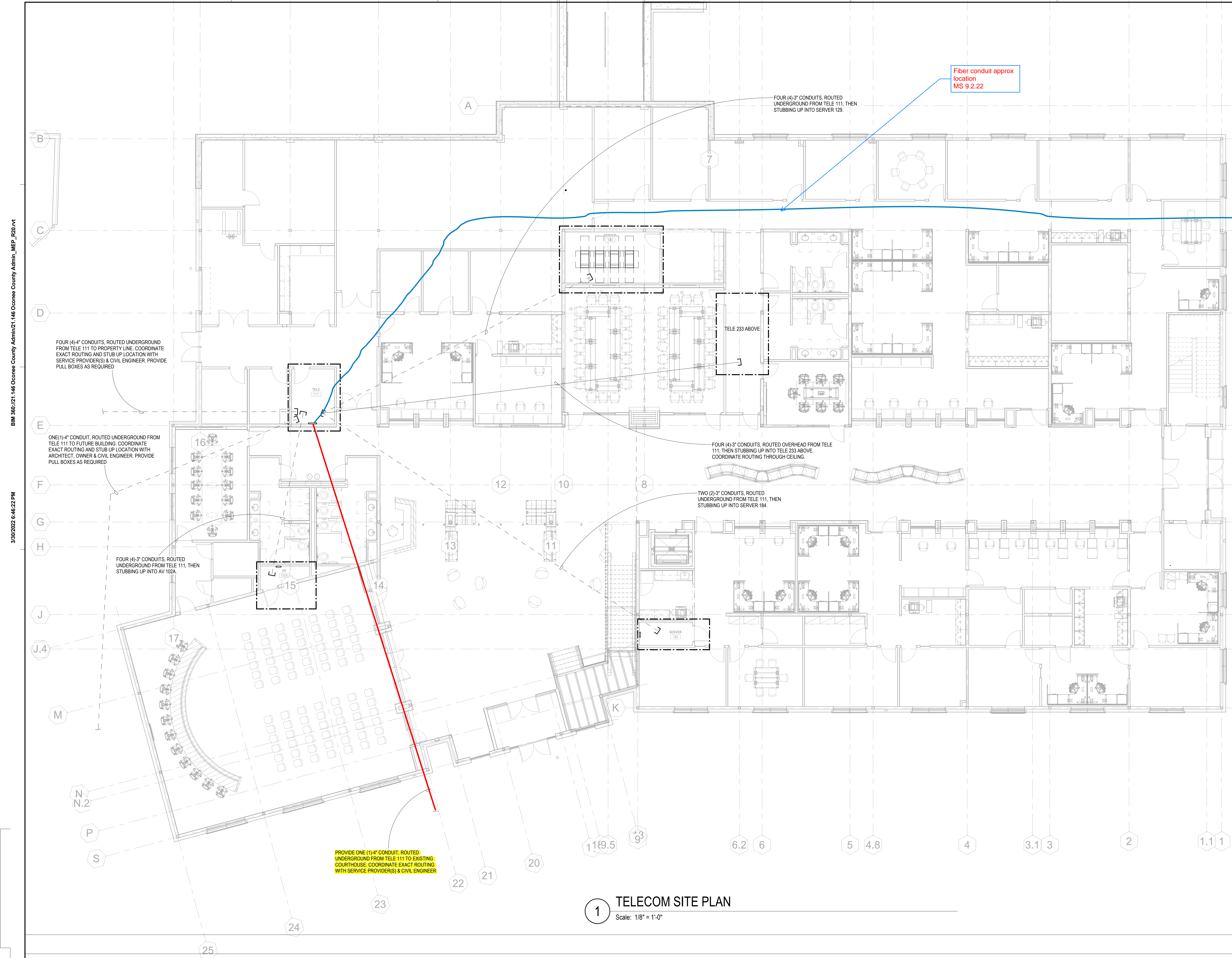


Hill Foley Rossi & Associates ARCHITECTURE ARCHITECTURE INTERIOR DESIGN STRUCTURAL ENGINEERING CIVIL ENGINEERING 3680 Pleasant Hill Road Suite 200 Duluth, GA 30096 770.622.9858

Jordan & Skala Engineers MEP+FP ENGINEERING 4275 Shackelford Road Norcross, GA 30093 770.447.5547

NOTES: SITE PLAN

- 1. CONDUITS SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXACT DIMENSIONS OF ALL CONDUIT AND WIRE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF NEW CONDUITS. ANY DAMAGE TO THE EXISTING UTILITIES SHALL BE RESTORED TO THE ORIGINAL CONDITION AT NO COST TO OWNER.
3. THE CONTRACTOR SHALL PROVIDE, FOR APPROVAL, A SITE PLAN REFLECTING THE EXACT CONDUIT AND PULL BOX LOCATIONS. THESE DRAWING SHALL BECOME PART OF THE AS-BUILT DRAWINGS.
4. ROUTINGS OF CONDUITS SHOWN ON THE PLAN HEREIN ARE APPROXIMATE ONLY. IF THE SERVICE PROVIDER'S CONNECTION IS AT A DIFFERENT LOCATION, CONTRACTOR SHALL BE RESPONSIBLE FOR INTERCEPTING SERVICE AT THE LOCATION PROVIDED BY THE SERVICE PROVIDER. COORDINATE ROUTING WITH CIVIL ENGINEER TO AVOID CONFLICTS.



Fiber conduit approx location MS 9.2.22

FOUR (4)-3" CONDUITS, ROUTED UNDERGROUND FROM TELE 111, THEN STUBBING UP INTO SERVER 129.

FOUR (4)-4" CONDUITS, ROUTED UNDERGROUND FROM TELE 111 TO PROPERTY LINE. COORDINATE EXACT ROUTING AND STUB UP LOCATION WITH SERVICE PROVIDER(S) & CIVIL ENGINEER. PROVIDE PULL BOXES AS REQUIRED.

ONE (1)-4" CONDUIT, ROUTED UNDERGROUND FROM TELE 111 TO FUTURE BUILDING. COORDINATE EXACT ROUTING AND STUB UP LOCATION WITH ARCHITECT, OWNER & CIVIL ENGINEER. PROVIDE PULL BOXES AS REQUIRED.

FOUR (4)-3" CONDUITS, ROUTED OVERHEAD FROM TELE 111, THEN STUBBING UP INTO TELE 233 ABOVE. COORDINATE ROUTING THROUGH CEILING.

TWO (2)-3" CONDUITS, ROUTED UNDERGROUND FROM TELE 111, THEN STUBBING UP INTO SERVER 184.

FOUR (4)-3" CONDUITS, ROUTED UNDERGROUND FROM TELE 111, THEN STUBBING UP INTO AV 102A.

PROVIDE ONE (1)-4" CONDUIT, ROUTED UNDERGROUND FROM TELE 111 TO EXISTING COURTHOUSE. COORDINATE EXACT ROUTING WITH SERVICE PROVIDER(S) & CIVIL ENGINEER

1 TELECOM SITE PLAN Scale: 1/8" = 1'-0"

BIM 360/21.146 Oconee County Admin/21.146 Oconee County Admin\_MEP\_520.rvt

3/30/2022 6:46:22 PM

11/8" 1/8" 1/4" 3/32" 3/16" 3/8" 1/2" 3/4" 1 1 1/2"

SEALS AND SIGNATURES

Table with 3 columns: NO, DATE, ISSUE. Row 1: 1, 01/31/2022, 100% DESIGN DEVELOPMENT. Row 2: 3, 03/31/2022, CONSTRUCTION DOCUMENTS.

SHEET TITLE SITE PLAN

PROJECT NUMBER HFR 2110370

SHEET NUMBER T100

JSE Jordan & Skala Engineers 4275 Shackelford Road, Suite 200 • Norcross, GA 30093 p. 770.447.5547 • f. 770.448.0262 Project Number: 2110370 Drawn By: BMT Checked By: JFT

FOR CONSTRUCTION