



**COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS  
AGENDA ITEM REQUEST FORM**

The Board of County Commissioners meets the 1st and 3rd Thursday of each month in the Columbia County School Board Administrative Complex Auditorium, 372 West Duval Street, Lake City, Florida 32055. The first meeting of every month is at 9:30AM while the second meeting of every month takes place at 5:30PM. All agenda items are due in the Board's office one week prior to the meeting date.

Today's Date: 7/30/2025 Meeting Date: 8/7/2025

Department: Public Works

**1. Nature and purpose of agenda item:**

Utility permit from Comcast requesting to install cable on NW Noegel Road

**2. Recommended Motion/Action:**

Approve

**3. Fiscal impact on current budget.**

This item has no effect on the current budget.

COLUMBIA COUNTY BOARD OF COUNTY COMISSIONERS
UTILITY PERMIT

Date: 7/16/2025 Permit No. JB0001836297-FLLCT00200 County Road NW Noegel Rd Section No.

Permittee Comcast Authorized Agent, Kristi Biesecker, Kristi.biesecker@mastec.com

Address 800 S. Douglas Rd 10th floor, Coral Gables, FL 33134 Telephone Number 305-599-1800

Requesting permission from Columbia County, Florida, hereinafter called the County, to contract, operate and maintain Comcast proposes to place 865' of buried fiber optic cable to be places in county right of way to be trenched with a min. depth of 24" and direct bored with a min. depth of 40"

Work Location: 4300 NW Noegel Rd

FROM: TO:

Submitted for the Utility Owner by: Kristi Biesecker, Agent for Comcast Kristi Biesecker
Typed Name & Title Signature Date

1. Permittee declares that prior to filing this application it has determined the location of all existing utilities, both aerial and underground and the accurate locations are shown on the plans attached hereto and made a part of this application. Proposed work is within corporate limits of Municipality: YES ( ) NO ( ). If YES: LAKE CITY ( ) FORT WHITE ( ). A letter of notification was mailed on to the following utility owners

Locates to be completed prior to construction

2. The Columbia County Public Works Director shall be notified twenty-four (24) hours prior to starting work and again immediately upon completion of work. The Public Works Director is Kevin Kirby, located at 607 NW Quinten St. Lake City, Fl. 32025 Telephone Number 386-758-1019 The PERMITTEE's employee responsible for Maintenance of Traffic is Carlos Jimenez Telephone Number 305-206-3406 (This name may be provided at the time of the 24 hour notice to starting work.)

3. This PERMITTEE shall commence actual construction in good faith within 30 days after issuance of permit, and shall be completed within 90 days after permitted work has begun. If the beginning date is more than 60 days from date of permit approval, then PERMITTEE must review the permit with the Columbia County Public Works Director to make sure no changes have occurred in the transportation facility that would affect the permitted construction.

4. The construction and maintenance of such utility shall not interfere with the property and rights of a prior PERMITTEE.

5. It is expressly stipulated that this permit is a license for permissive use only and that the placing of utilities upon public property pursuant to this permit shall not operate to create or vest any property right in said holder.

6. Pursuant to Section 337-403(1), Florida Statutes, whenever necessary for the construction, repair, improvement, maintenance, safe and efficient operation, alteration or relocation of all, or any portion of said transportation facility as determined by the Columbia County Public Works Director and/or County Engineer, any or all utilities and appurtenances authorized hereunder, shall be immediately removed from said transportation facility or reset or

relocated thereon as required by the Columbia County Public Works Director and/or County Engineer and at the expense of the PERMITTEE.

7. In case of non-compliance with the County's requirements in effect as of the approval date of this permit, this permit void and the facility will have to be brought into compliance or removed from the right of way at no cost to the County.

8. It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the County's right, title and interest in the land to be entered upon and used by the PERMITTEE, and the PERMITTEE will, at all times, and to the extent permitted by law, assume all risk of and indemnify, defend, and save harmless Columbia County, Florida from any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by said PERMITTEE of the aforesaid right and privileges.

9. During construction, all safety regulations of the County shall be observed and the PERMITTEE must take measures, including pacing and the display of safety devices that may be necessary in order to safely conduct the public through the project area in accordance with the Federal Manual on Uniform Traffic Control Devices, as amended for highways.

10. Should the PERMITTEE be desirous of keeping its utilities in place and out of service, the PERMITTEE, by execution of this permit acknowledges its present and continuing ownership of its utilities located between \_\_\_\_\_ and \_\_\_\_\_ within the County's right of way as set forth above. PERMITTEE, as its sole expense, shall promptly remove said out of service utilities whenever Columbia County Public Works Director and/or County Engineer determines said removal is in the public interest.

11. Special instructions: Minimum cover of thirty inches (30") will be required at all locations. Columbia County will not be financially responsible for any damage to facilities with less than thirty inches (30") cover. Cables shall not be located within driveway ditches.

12. Additional Stipulations: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

It is understood and agreed that commencement by the PERMITTEE is acknowledgment and acceptance of the binding nature of these specialist instructions.

Submitted By: Kristi Biesecker, Agent for Comcast  
Permittee

Place Corporate Seal

Kristi Biesecker Permitting Coordinator  
Signature and Title

Comcast Authorized Agent  
Attested

Utilities Permit  
Page three  
Revised: 8/17/00

Recommended for Approval:

Signature: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

Approval by Board of County Commissioners, Columbia County, Florida:

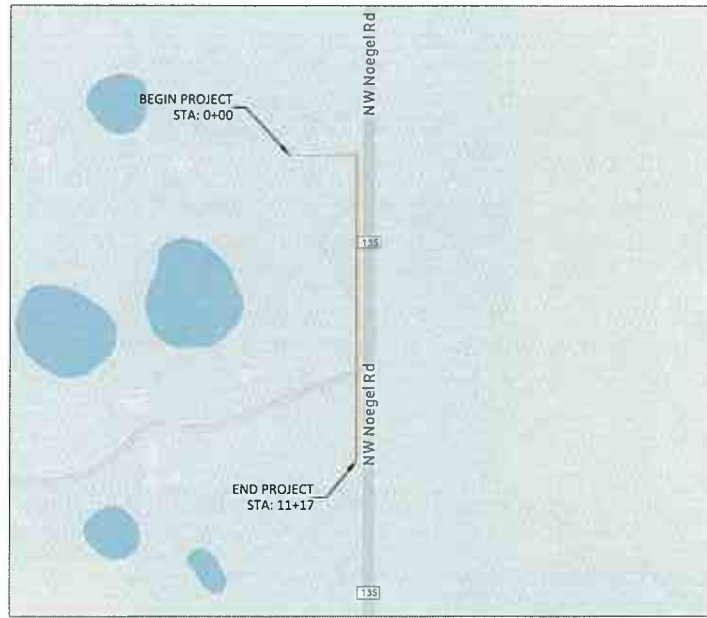
YES ( )      NO ( )

Date Approved: \_\_\_\_\_

Chairman's Signature: \_\_\_\_\_



**JB0001836297 — FLLCT00200**  
**4300 NW NOEGEL RD**  
**LAKE CITY, FL 32055, USA**  
**PROPOSED UNDERGROUND FIBER/COAX INSTALLATION**



THE FOLLOWING STANDARD PLANS ARE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION 2024-2025 INDEX 102-602, 102-660 & 102-625 AND APPLY TO: 4300 NW NOEGEL RD, LAKECITY, FL 32055, COLUMBIA COUNTY

**GENERAL NOTES:**

ALL PROPOSED UNDERGROUND CATV WILL BE BURIED A MINIMUM OF 36" DEEP EXCEPT ROAD BORES 60" DEEP AND DRIVEWAY BORES AT 60" DEEP.

ALL PROPOSED UNDERGROUND CATV ROAD BORES WILL USE CITY APPROVED DIRECTIONAL BORE MACHINE, AS WELL AS COUNTY APPROVED CONDUIT.

ALL PROPOSED CATV ROAD BORES WILL EXTEND A MINIMUM OF 7' BEYOND THE EDGE OF PAVEMENT.

ALL PROPOSED CATV DRIVEWAY BORES WILL EXTEND A MINIMUM OF 6' BEYOND THE EDGE OF PAVEMENT.

ALL PROPOSED BORES WILL BE IN A (4'X4'X4') PIT AND WILL USE 2" HDPE CONDUIT AT 36" DEPTH EXCEPT ROAD BORES AT 60" DEPTH AND DRIVEWAY BORES AT 60" DEPTH USING A 5 1/4" DRILL HEAD.

ALL PROPOSED UNDERGROUND WILL BE 48CT FOC AND WILL BE LASHED TO 0.250" STEEL STRAND CABLE USING 0.125" STANDARD GALVANIZED LASHING WIRE.

ALL PROPOSED AERIAL CATV CROSSING ROADWAYS WILL HAVE MINIMUM MID-SPAN HEIGHT OF 18'-0"

ALL PROPOSED AERIAL CATV CROSSING DRIVEWAYS WILL HAVE MINIMUM MID-SPAN HEIGHT OF 18'-0"

ALL PROPOSED VAULTS WILL BE MINIMUM 15 TIER RATE.

LOCATES WILL BE REQUIRED IN ALL PROPOSED UNDERGROUND AREAS AT LEAST 48 HRS PRIOR TO CONSTRUCTION.

NOTIFICATIONS TO ALL UTILITIES INVOLVED WILL BE MADE PRIOR TO CONSTRUCTION.

ALL DISTRIBUTED AREA WITHIN THE RIGHT OF WAY WILL BE RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND RE-SODDING. SOD ALL AREAS DISTURBED BY CONSTRUCTION WITH BERMUDA SOD. ALL CRACKED SIDEWALK IS TO BE REPLACED FROM JOINT TO JOINT WITHIN 7 DAYS OF WORK COMPLETION.

WORK OPERATIONS ARE TO BE MINDFUL NOT TO DAMAGE THE PAVER SIDEWALK WHEN POSITIONING EQUIPMENT. ANY DAMAGE INCLUDING TRACK MARKS WILL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

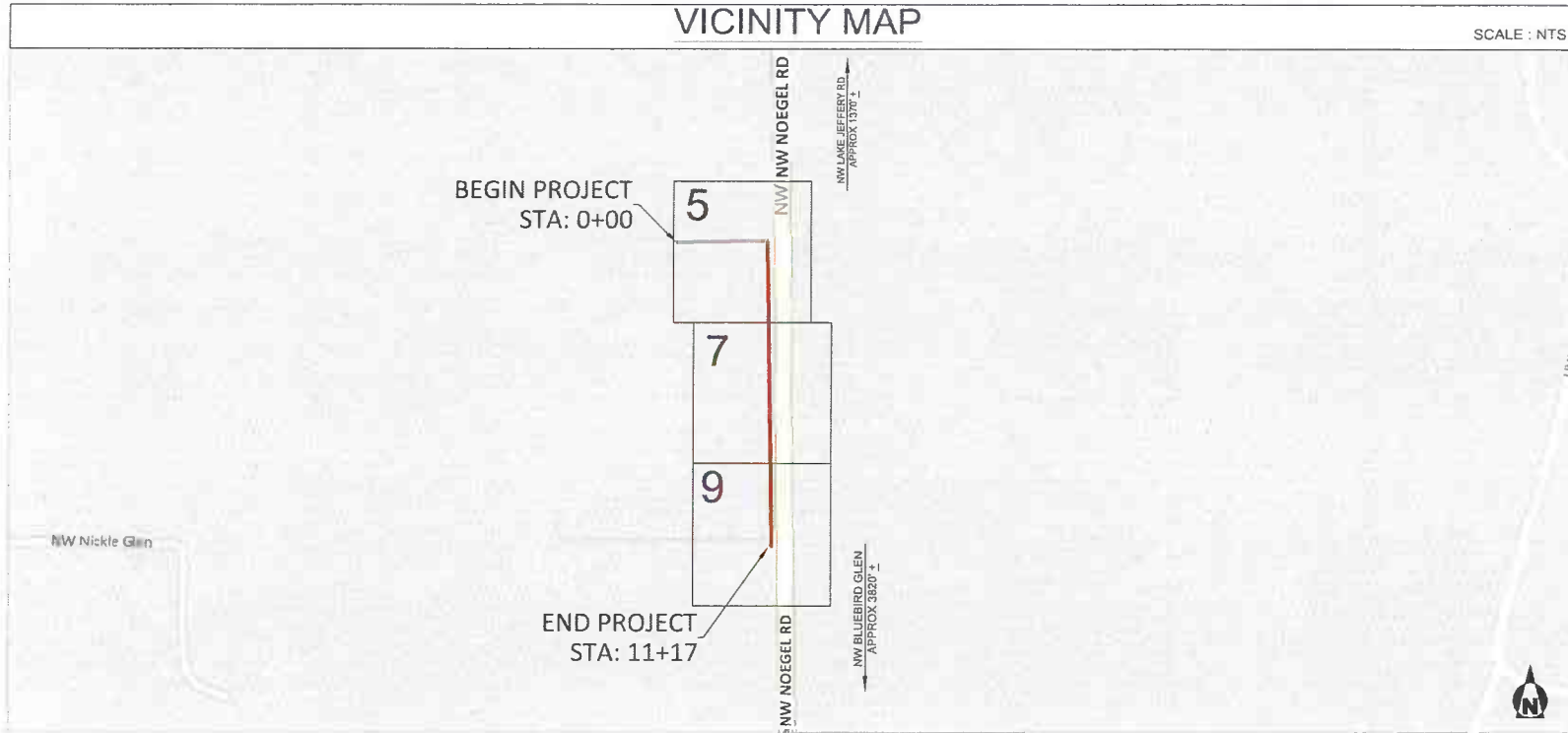
**CONSTRUCTION NOTES:**  
 IN ORDER TO REDUCE THE DISRUPTION AND COST OF UTILITY DAMAGES OCCURRING IN THE RIGHT-OF-WAY AND EASEMENTS THE PERMITTEE SHALL PREVENT DAMAGES TO EXISTING UTILITIES CAUSED BY THE WORK THROUGH FIELD VERIFICATION OF THE LOCATION OF THE EXISTING UTILITIES IN CASE OF OPEN EXCAVATION. VERIFICATION MAY BE PERFORMED DURING THE PERMITTEES WORK. IN THE CASE OF DIRECTIONAL DRILLING, VERIFICATION SHALL TAKE PLACE PRIOR TO MOBILIZATION OF THE DRILLING EQUIPMENT.

THE PERMITTEE SHALL VERIFY THE LOCATION OF THE EXISTING UTILITIES AS NEEDED TO AVOID CONTACT WITH DETECTION EQUIPMENT OR OTHER ACCEPTABLE MEANS, SUCH METHODS MAY INCLUDE BUT SHALL NOT BE LIMITED TO "SOFT DIG" EQUIPMENT AND GROUND PENETRATION RADAR (GPR). THE EXCAVATOR SHALL BE HELD LIABLE FOR DAMAGES CAUSED TO CITY/COUNTIES/STATE INFRASTRUCTURE AND THE EXISTING FACILITIES OF THE OTHER UTILITY COMPANIES

NO REAMER USED

		FLLCT00200 4300 NW NOEGEL RD LAKE CITY, FL 32055, USA COLUMBIA COUNTY LATITUDE: 30.2451 LONGITUDE: -82.7748 TOWNSHIP: T3S RANGE: R15E SECTION: S12 QTR SECTION: TBD																			
<b>DIG ALERT</b> CALL TOLL FREE 48 HOURS BEFORE YOU DIG OR 800-485-8111																					
123 MAIN STREET ANYTOWN, FL 12345 (855) 555-5555 JON.DOE@MASTEC.COM																					
		OUTSIDE PLANT CONSTRUCTION TITLE: FIBER OPTIC CABLE ROUTE PROJECT NAME: FLLCT00200																			
<b>COVER SHEET</b>		DATE: 05/05/2025 ENG: MASTEC DRAWN BY: JO																			
		<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>REV.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS				REV.	DATE	DESCRIPTION	BY										
REVISIONS																					
REV.	DATE	DESCRIPTION	BY																		
SHEET NAME:		SHEET SCALE																			
COVER		FULL SIZE 22X36 N.T.S. HALF SIZE 11X17 N.T.S.																			
SHEET 01 OF 13 JB#: JB0001836297																					





**COMCAST**

FLLC00200

4300 NW NOEGEL RD  
LAKE CITY, FL 32055, USA  
COLUMBIA COUNTY

LATITUDE: 30.2451  
LONGITUDE: -82.7748  
TOWNSHIP: T3S  
RANGE: R15E  
SECTION: S12  
QTR SECTION: T8D

**Sunshine 811**

**DIG ALERT**  
CALL 811 AT LEAST 48 HOURS BEFORE YOU START ANY SERVICE WORK

123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOE@MASTEC.COM

**MasTec**  
Communications Group

**COMCAST**

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLCCT00200

**CONTACTS**

**PERMITTING**  
JON DOE  
123 MAIN STREET  
ANYTOWN, FL 12345  
MASTEC  
(555) 555-5555  
JON.DOE@MASTEC.COM

**MASTEC COMMUNICATIONS GROUP**  
JANE DOE  
999 ANY STREET  
FAKETOWN, FL 12345  
MASTEC  
(555) 555-5555  
JANE.DOE@MASTEC.COM

PG#	SHEET INDEX	DESCRIPTION OF WORK	TOTAL
01	COVER SHEET	BORE & PLACE CONDUIT W/24 CT FIBER FROM VAULT TO BORE PIT	865'
02	VICINITY MAP, CONTACTS, & INDEX		
03	GENERAL NOTES		
04	LEGEND		
05,07,09	SITE PLAN(S)		
06,08,10	SITE PLAN(S) SATELLITE VIEW		
11	TYPICAL DETAILS		
12-13	TRAFFIC CONTROL PLANS		

VICINITY MAP	DATE:	05/05/2025
	ENG:	MASTEC
	DRAWN BY:	JD
VICINITY MAP	REVISIONS	
	REV.	DATE DESCRIPTION BY
VICINITY MAP	SHEET	SCALE
	FULL SIZE 22X36	N.T.S.
VICINITY MAP	HALF SIZE 11X17	N.T.S.
	SHEET	02 OF 13
JOB#:		JB0001836297

CHECKS MAY BE OBTAINED FROM THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR THE PROPERITY OF SCALE. BOTH SCALE SHOULD BE EXACT. CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO ANY PROPERTY OR PERSONS WITHOUT PROPER PERMISSION.

## GENERAL NOTES

THE LOCATIONS OF UTILITIES SHOWN ON THESE DRAWINGS ARE ONLY APPROXIMATE. MASTEC HEREBY DISCLAIMS ANY RESPONSIBILITY TO THIRD PARTIES FOR THE ACCURACY OF THIS INFORMATION. PERSONS WORKING IN THE AREA COVERED BY THIS DRAWING MUST CONTACT THE STATEWIDE CALL-BEFORE-YOU-DIG SYSTEM TO ASCERTAIN THE LOCATION OF UNDERGROUND UTILITIES PRIOR TO PERFORMING ANY EXCAVATION.

1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF UTILITY IMPROVEMENTS SHALL MEET OR EXCEED SITE WORK STANDARDS AND THE STANDARDS AND SPECIFICATIONS SET FORTH IN THE LOCAL JURISDICTION REGULATIONS AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS, OR ANY APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY. ALL WORK WITHIN PUBLIC R.O.W. OR EASEMENTS MAY REQUIRE INSPECTED AND APPROVED BY THE LOCAL JURISDICTION INSPECTOR. INSPECTION SERVICES AND CONSTRUCTION CERTIFICATION TO BE PROVIDED BY DESIGNEE OF PROJECT SPONSOR/OWNER.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR A COMPLETE RECORD OF ALL UTILITIES IN THE WORK AREA. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS, ESPECIALLY AT THE CONNECTION POINTS AND AT POTENTIAL UTILITY CONFLICTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL NOTIFY THE LOCAL JURISDICTION INSPECTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISRUPTING ACTIVITY OR CONSTRUCTION ON ANY AND ALL PUBLIC IMPROVEMENTS IF REQUIRED.
4. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE LOCAL JURISDICTION AND ALL UTILITY COMPANIES WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION, TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION, AND WITH A MINIMUM DISRUPTION OF SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY UTILITY SERVICE.
5. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVE PLANS, ONE (1) COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS, AND ONE (1) COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED FOR THE JOB ON-SITE AT ALL TIMES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO: EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.
7. IF, DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED BY THE CONTRACTOR, HIS SUBCONTRACTORS, OR OTHER AFFECTED PARTIES WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.

8. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
9. FOR WORK AFFECTING PUBLIC ROADWAYS OR IF REQUIRED BY THE LOCAL JURISDICTION, THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND PHASING PLAN IN ACCORDANCE WITH M.U.T.C.D. FOR APPROVAL. PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN OR AFFECTING THE RIGHT-OF-WAY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED BY SAID PLANS. PRIOR TO INSTALLATION A PRECONSTRUCTION CONFERENCE SHALL BE HELD WITH LOCAL JURISDICTION.
10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED TO BE PROVIDED, INSTALLED, CONSTRUCTED, REMOVED, OR RELOCATED UNLESS SPECIFICALLY NOTED OTHERWISE.
11. PER AGENCY STANDARDS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING RECORD INFORMATION ON A SET OF RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE AND AVAILABLE TO THE LOCAL JURISDICTION INSPECTOR AT ALL TIMES.
13. DIMENSIONS FOR LAYOUT AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING. FOR ADDITIONAL INFORMATION CONTACT THE ENGINEER FOR CLARIFICATION AND NOTE ON THE RECORD DRAWINGS.
14. ALL EROSION AND SEDIMENT CONTROL (E.S.C.) MEASURES SHALL BE INSTALLED AT THE LIMITS OF CONSTRUCTION PRIOR TO GROUND DISTURBING ACTIVITIES. ALL E.S.C. MEASURES SHALL BE MAINTAINED IN GOOD REPAIR BY THE CONTRACTOR UNTIL SUCH TIME AS THE ENTIRE DISTURBED AREAS ARE STABILIZED WITH HARD SURFACE OR LANDSCAPING.
15. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE JURISDICTION OF THE LOCAL JURISDICTION ENGINEERING DEPARTMENT STANDARD DETAILS AND SPECIFICATIONS.
16. ALL CONSTRUCTION OPERATIONS, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTH MOVING EQUIPMENT, CONSTRUCTION EQUIPMENT AND ANY OTHER ASSOCIATED EQUIPMENT SHALL GENERALLY BE LIMITED TO THE TIME PERIOD APPROVED BY THE LOCAL JURISDICTION.
17. CALL THE "CALL BEFORE YOU DIG" NUMBER 48 HOURS IN ADVANCE OF DIGGING AT 8.1.1.

FLUCT00200																																	
4300 NW NOEGEL RD LAKE CITY, FL 32055, USA COLUMBIA COUNTY																																	
LATITUDE: 30.2451 LONGITUDE: -82.7748 TOWNSHIP: T3S RANGE: R15E SECTION: S12 QTR SECTION: TBD																																	
	 OUTSIDE PLANT CONSTRUCTION TITLE: FIBER OPTIC CABLE ROUTE PROJECT NAME: FLUCT00200																																
123 MAIN STREET ANYTOWN, FL 12345 (855) 555-5555 JON.DOE@MASTEC.COM																																	
GENERAL NOTES	DATE: 05/05/2026 ENG: MASTEC DRAWN BY: JD REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV.	DATE	DESCRIPTION	BY																												
REV.	DATE	DESCRIPTION	BY																														
SHEET	SCALE																																
GENERAL NOTES	FULL SIZE 22X36 N.T.S. HALF SIZE 11X17 N.T.S. SHEET 03 OF 13 JOB#: JB0001836297																																

CUSTOMER AND MASTEC SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THESE DRAWINGS ARE SPECIFIC TO THIS PROJECT AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSES WITHOUT THE WRITTEN PERMISSION OF MASTEC.

# LEGEND

## PROPOSED

PROPOSED AERIAL OVERLASH	
DIRECT BORE	
TRENCH	
PROOFPULL	
PROPOSED AERIAL STRAND	

## BASE LAYERS

DITCH LINE	
EDGE OF PAVEMENT	
FACE OF CURB	
FENCE	
GUARDRAIL	
LIP OF GUTTER	
PROPERTY LINE	
RAILROAD	
RIGHT OF WAY	
CENTER LINE	
BUILDING OUTLINE	
FDG LINE	
SIDEWALK LINE	

## EXISTING UTILITIES

TELECOMMUNICATION	
ELECTRICAL	
GAS LINE	
RECYCLED WATER	
SANITARY SEWER	
STORM DRAIN	
WATER	

## PROPOSED SYMBOLS

	PROPOSED MANHOLE
	PROPOSED VAULT
	PROPOSED PEDESTAL
	PROPOSED AERIAL STORAGE
	PROPOSED SIDEWALK ANCHOR & GUY
	PROPOSED RISER
	POTHOLE
	BORE PIT
	SPLICE CASE

## EXISTING COMCAST SYMBOLS

	EXISTING COMCAST MANHOLE
	EXISTING COMCAST VAULT
	EXISTING COMCAST PED
	EXISTING COMCAST SPLICE
	EXISTING COMCAST ANCHOR
	EXISTING COMCAST GUY
	EXISTING COMCAST SIDEWALK ANCHOR & GUY
	EXISTING COMCAST POLE W/ NEW RISER
	EXISTING AERIAL STORAGE

## EXISTING UTILITIES SYMBOLS

	POWER PEDESTAL		WATER SAMPLING STATION		WATER PUMP
	POWER HANDHOLE		OTHER UNKNOWN		TEST VALVE
	POWER MANHOLE		SEWER VALVE		FIRE HYDRANT
	POWER CABINET		SEWER VAULT		GAS METER
	POWER VAULT		SEWER UNKNOWN		GAS VALVE
	POWER UNKNOWN		STORM DRAIN VAULT		GAS MANHOLE
	POWER POLE		STORM ACCESS POINT		GAS TEST POINT
	STREET LIGHT POLE		TELECOM PEDESTAL		TRAFFIC LOOP DETECTOR
	STREET LIGHT HANDHOLE		TELECOM POLE		TRAFFIC DETECTOR
	TRAFFIC SIGNAL HANDHOLE		SEWER MANHOLE		BOLLARD
	TRAFFIC SIGNAL VAULT		SEWER CLEANOUT		SIGN POST
	TRAFFIC SIGNAL MANHOLE		SEWER CATCH BASIN		PARKING METER
	TRAFFIC CABINET		STORM CATCH BASIN		CULVERT
	TRAFFIC SIGNAL POLE		STORM MANHOLE		ADA RAMP
	TRAFFIC SIGNAL PEDESTAL		STORM DRAIN UNKNOWN		ADA RAMP COMPLIANCE
	CATV MANHOLE		STORM CLEANOUT		SUB STATION
	CATV HANDHOLE		STORM DRAIN VALVE		
	CATV PEDESTAL		WATER VALVE		
	TELECOM MANHOLE		WATER METER		
	TELECOM HANDHOLE		WATER RESERVOIR		
	TELECOM HANDHOLE		WATER MANHOLE		
	TELECOM CABINET		WATER VAULT		
	POWER ANCHOR		WATER UNKNOWN		
	POWER GUY		WATER WELL		
	POWER SIDEWALK GUY		MANHOLE (UNKNOWN UTILITY)		
	PEDESTAL (UNKNOWN UTILITY)				BUS STOP
					TREE

FLUCT00200

4300 NW NOEGEL RD  
LAKE CITY, FL 32055, USA  
COLUMBIA COUNTY

LATITUDE: 30.2451  
LONGITUDE: -82.7748  
TOWNSHIP: T3S  
RANGE: R15E  
SECTION: S12  
QTR SECTION: TBD

**DIG ALERT**  
CALL TOLL FREE 48 HOURS BEFORE YOU DIG. SERVICE ALERT 811

123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DDE@MASTEC.COM

Communications Group

**COMCAST**  
OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLUCT00200

DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

REVISIONS			
REV.	DATE	DESCRIPTION	BY

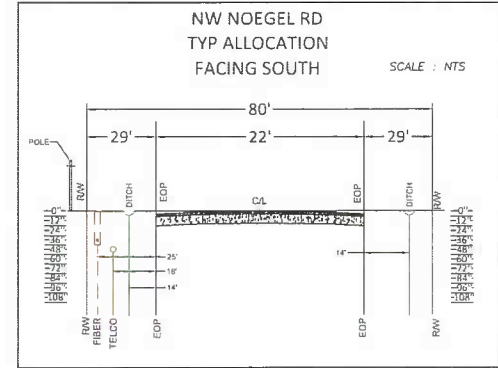
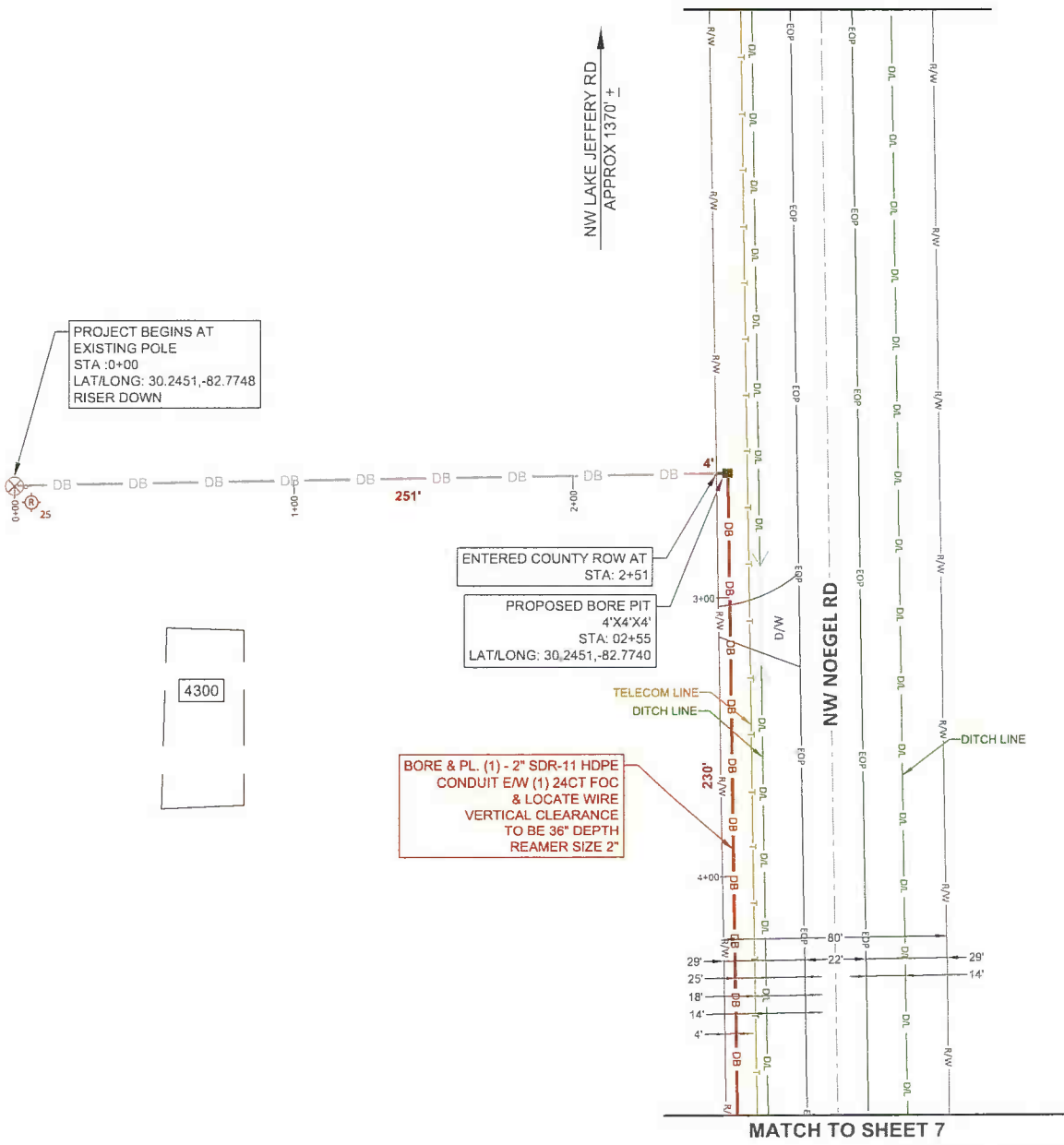
LEGEND

SHEET SCALE

FULL SIZE 22X36	N.T.S.
HALF SIZE 11X17	N.T.S.

SHEET 04 OF 13  
JOB#: JB0001836297

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS ARE THE PROPERTY OF COMCAST. SUCH DRAWINGS SHALL BE THE PROPERTY OF COMCAST. SUCH DRAWINGS SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE, WITHOUT SPECIFIC WRITTEN PERMISSION.



**DIG ALERT**  
 CALL TOLL FREE 48 HOURS BEFORE YOU DIG TO REQUEST SERVICE ALERT (SA)

FLUCT00200

4300 NW NOEGEL RD  
 LAKE CITY, FL 32055, USA  
 COLUMBIA COUNTY

LATITUDE: 30.2451  
 LONGITUDE: -82.7748  
 TOWNSHIP: T3S  
 RANGE: R15E  
 SECTION: S12  
 QTR SECTION: TBD

---

123 MAIN STREET  
 ANYTOWN, FL 12345  
 (555) 555-5555  
 JON.DDE@MASTEC.COM

**OUTSIDE PLANT CONSTRUCTION**

TITLE: FIBER OPTIC CABLE ROUTE  
 PROJECT NAME: FLCT00200

---

SITE PLAN	DATE:	05/05/2025		
	ENG:	MASTEC		
	DRAWN BY:	JD		
REVISIONS	REV.	DATE	DESCRIPTION	BY

---

SHEET	SCALE		
SITE PLAN	FULL SIZE 22X36	N.T.S.	
	HALF SIZE 11X17	N.T.S.	
SHEET	05 OF 13		
JOB#:	JB0001836297		



**COMCAST**

FLUCT00200

4300 NW NOEGEL RD  
LAKE CITY, FL 32055, USA  
COLUMBIA COUNTY

LATITUDE: 30.2451  
LONGITUDE: -82.7748  
TOWNSHIP: T3S  
RANGE: R15E  
SECTION: S12  
QTR SECTION: TBD

**DIG ALERT**  
CALL TOLL FREE 8  
HOURS BEFORE YOU  
DIG  
SERVICE ALERT 811

**Sunshine 811**

PE STAMP:

123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOE@MASTEC.COM

**MasTec**  
Communications Group

**COMCAST**

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLUCT00200

SHEET NAME: SITE PLAN - SATELLITE VIEW

DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

REVISIONS			
REV	DATE	DESCRIPTION	BY

DESIGN & DRAWING PROVIDED BY COMCAST  
FIELD SURVEY AND SITE LOCATION DATA OBTAINED  
THE PROPERTY OF COMCAST. BOTH SURVEY AND  
FIELD LOCATION DATA SHALL NOT BE REPRODUCED,  
COPIED, OR USED FOR ANY PURPOSES WITHOUT SPECIFIC  
WRITTEN PERMISSION.

SHEET SCALE

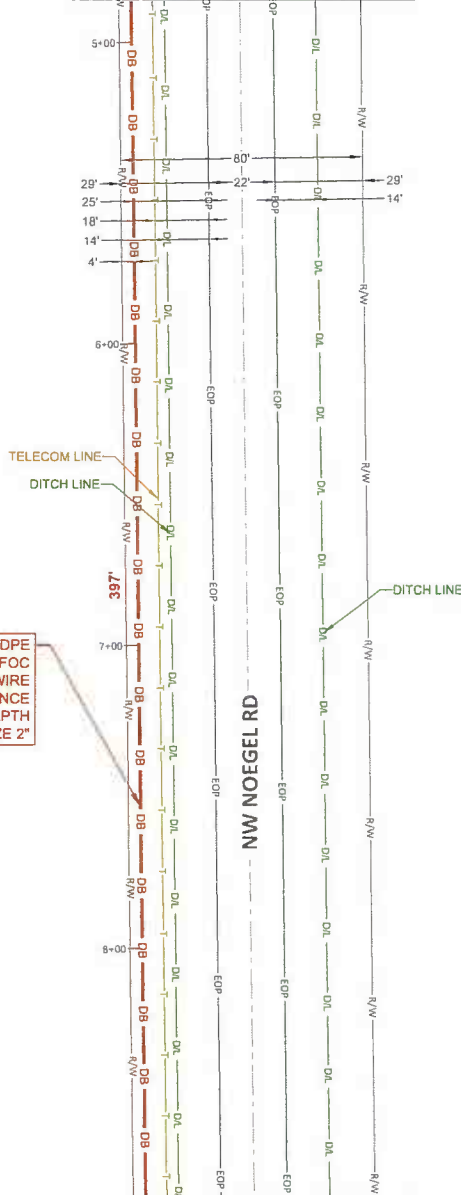
FULL SIZE 22X36	N.T.S.
HALF SIZE 11X17	N.T.S.

SITE PLAN

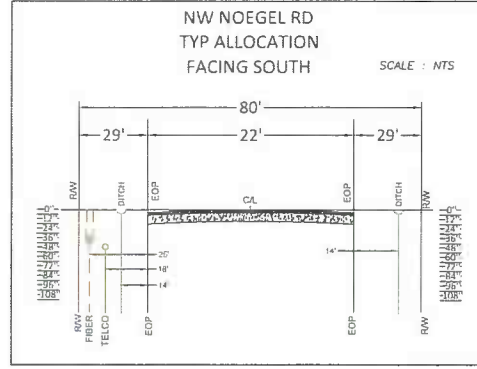
SHEET 06 OF 13  
JB#: JB0001836297

MATCH TO SHEET 8

MATCH TO SHEET 5



BORE & PL. (1) - 2" SDR-11 HDPE  
CONDUIT EW (1) 24CT FOC  
& LOCATE WIRE  
VERTICAL CLEARANCE  
TO BE 36" DEPTH  
REAMER SIZE 2"



**DIG ALERT**  
CALL TOLL FREE 48  
HOURS BEFORE YOU  
DIG. 800-4-A-DIGIT  
SERVICE ALERT 811



FLLC00200  
4300 NW NOEGEL RD  
LAKE CITY, FL 32055, USA  
COLUMBIA COUNTY  
LATITUDE: 30.2451  
LONGITUDE: -82.7748  
TOWNSHIP: T3S  
RANGE: R15E  
SECTION: S12  
QTR SECTION: TBD

123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOE@MASTEC.COM



COMCAST  
OUTSIDE PLANT CONSTRUCTION  
TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLCCT00200

SHEET NAME  
SITE PLAN - STREET VIEW

DATE:	05/05/2025		
ENG:	MASTEC		
DRAWN BY:	JD		
REVISIONS			
REV.	DATE	DESCRIPTION	BY

SHEET  
SCALE

FULL SIZE 22X36	N.T.S.
HALF SIZE 11X17	N.T.S.
SHEET	07 OF 13
JB#:	JB0001836297

SITE PLAN

DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD  
REVISIONS  
REV. DATE DESCRIPTION BY

SHEET 07 OF 13  
JB#: JB0001836297

MATCH TO SHEET 6



MATCH TO SHEET 10



FLCT00200

**DIG ALERT**  
CALL TOLL FREE 48 HOURS BEFORE YOU DIG SERVICE ALERT 811



4300 NW NOEGEL RD  
LAKE CITY, FL 32055, USA  
COLUMBIA COUNTY  
LATITUDE: 30.2451  
LONGITUDE: -82.7748  
TOWNSHIP: T3S  
RANGE: R15E  
SECTION: S12  
QTR SECTION: TBD

123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JOHN.DOE@MASTEC.COM



**COMCAST**  
OUTSIDE PLANT CONSTRUCTION  
TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLCT00200

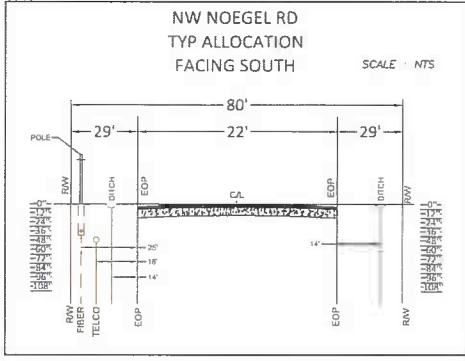
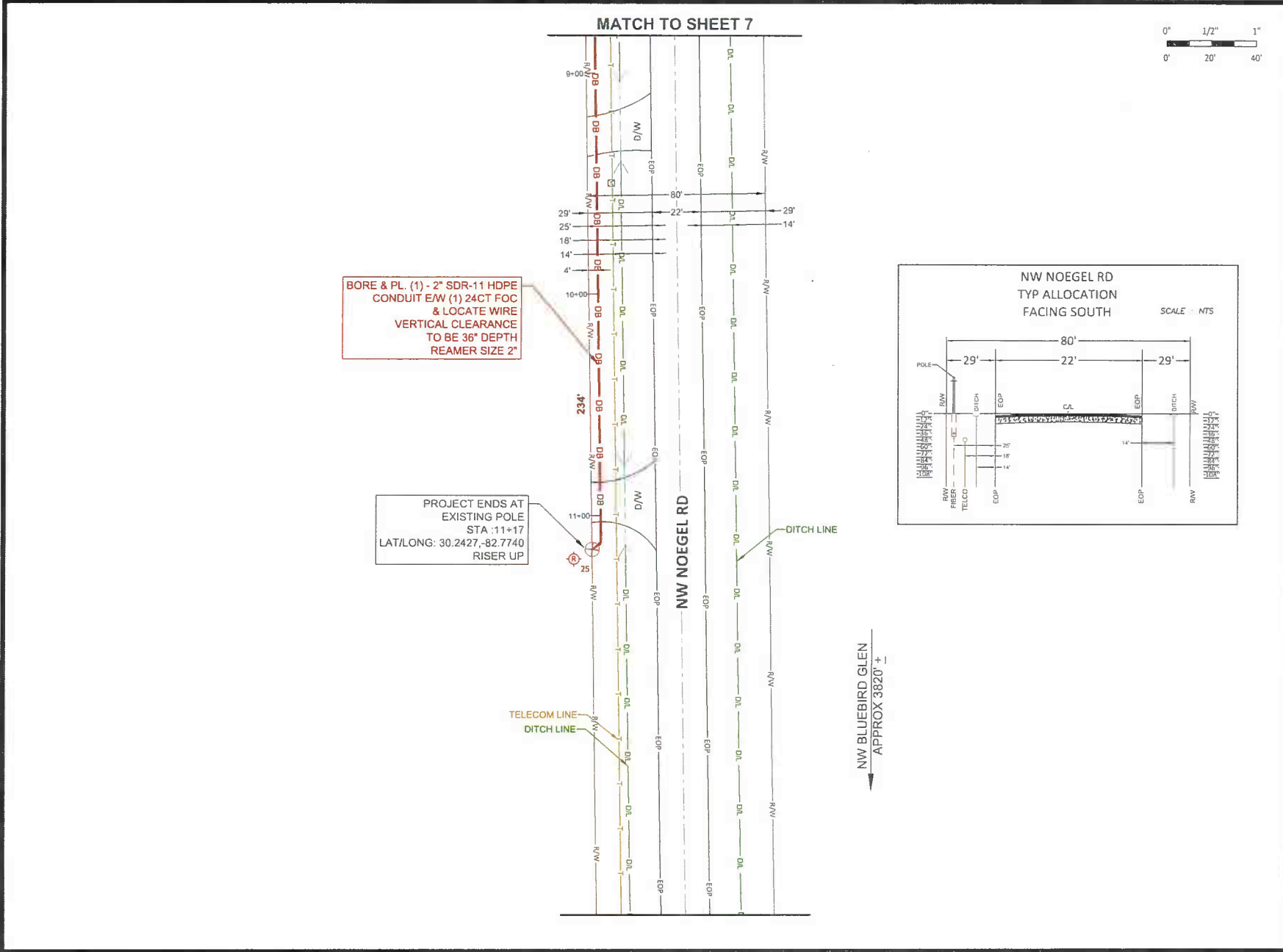
DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

REVISIONS			
REV	DATE	DESCRIPTION	BY

CLIENT OR USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. THESE DRAWINGS AND SPECIFICATIONS SHALL BE THE PROPERTY OF COMCAST. BOTH SETS SHOULD BE KEPT FOR RECORD AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSES WITHOUT WRITTEN PERMISSION.

SHEET	SCALE
TYP	FULL SIZE 22X36 N.T.S.
TCP/MOT	HALF SIZE 11X17 N.T.S.

SHEET 08 OF 13  
JOB#: JB0001836297



FLUCT00200

4300 NW NOEGEL RD  
LAKE CITY, FL 32055, USA  
COLUMBIA COUNTY

LATITUDE: 30.2451  
LONGITUDE: -82.7748  
TOWNSHIP: T3S  
RANGE: R15E  
SECTION: S12  
QTR SECTION: TBD



123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOE@MASTEC.COM

COMCAST  
OUTSIDE PLANT CONSTRUCTION  
TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLUCT00200

TRAFFIC CONTROL

DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

REVISIONS			
REV.	DATE	DESCRIPTION	BY

DESIGN AND DRAWING PROVIDED BY CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION AND FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

SHEET NAME: TRAFFIC CONTROL

SHEET	SCALE
FULL SIZE 22X36	N.T.S.
HALF SIZE 11X17	N.T.S.

TYP. TCP/MOT

SHEET	09 OF 13
JB#:	JB0001836297

DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

REVISIONS

REV.	DATE	DESCRIPTION	BY

DESIGN AND DRAWING PROVIDED BY CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION AND FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

MATCH TO SHEET 8



COMCAST

FLLC700200

DIG ALERT  
CALL TOLL FREE 800-488-8840  
DO NOT DISTURB  
SERVICE ALERT 811



4300 NW NOEGEL RD  
LAKE CITY, FL 32055, USA  
COLUMBIA COUNTY  
LATITUDE: 30.2451  
LONGITUDE: -82.7748  
TOWNSHIP: T3S  
RANGE: R15E  
SECTION: S12  
QTR SECTION: TBD

123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOE@MASTEC.COM



COMCAST  
OUTSIDE PLANT CONSTRUCTION  
TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLCCT00200

SHEET NAME:  
TYPICAL UG DETAILS

DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

REVISIONS			
REV	DATE	DESCRIPTION	BY

DESIGN AND MATERIALS PROVIDED BY CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE PROPERTY OF CONTRACTOR. BOTH PARTIES SHALL IN STRICT CONFIDENCE AND SHALL NOT REPRODUCE, COPIY, OR LEND FOR ANY PURPOSE, WITHOUT WRITTEN PERMISSION.

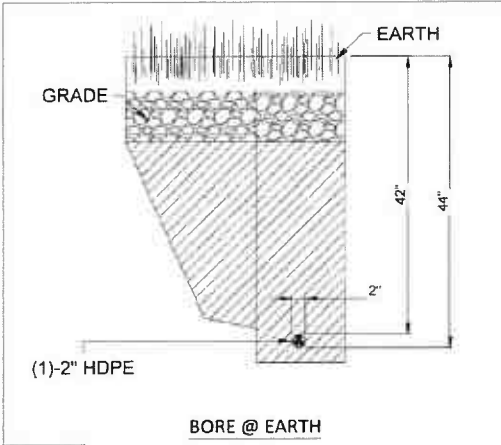
SHEET SCALE

FULL SIZE 22X36 N.T.S.

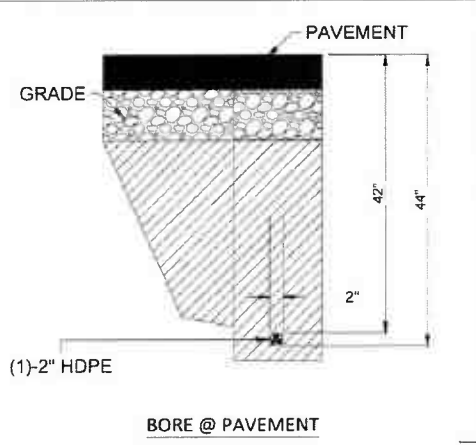
HALF SIZE 11X17 N.T.S.

SHEET 10 OF 13

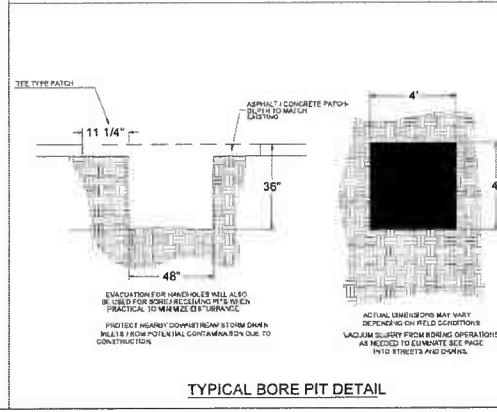
JB#: JB0001836297



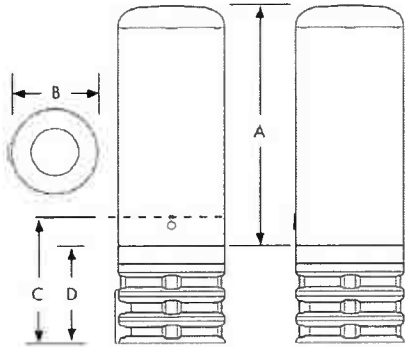
BORE @ EARTH



BORE @ PAVEMENT

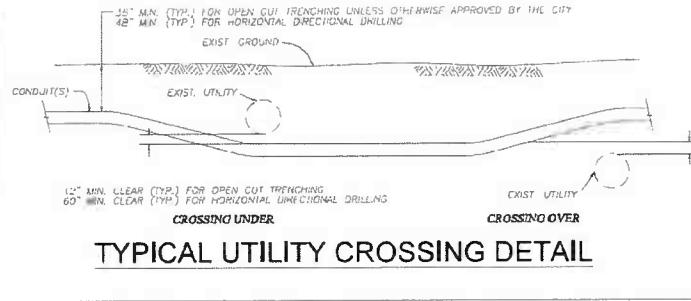


TYPICAL BORE PIT DETAIL





	A	B	C	D
CPH 911	13.0" (330mm)	9.5" (240mm)	14.5" (370mm)	10.5" (265mm)
CPH 920	22.0" (560mm)	9.5" (240mm)	14.5" (370mm)	10.5" (265mm)
CPH 1022	24.0" (610mm)	10.75" (275mm)	14.5" (370mm)	10.5" (265mm)

Note: Dimensions in inches (mm)



TYPICAL UTILITY CROSSING DETAIL





FLUCT00200

4300 NW NOEGEL RD  
LAKE CITY, FL 32055, USA  
COLUMBIA COUNTY

LATITUDE: 30.2451  
LONGITUDE: -82.7748  
TOWNSHIP: T3S  
RANGE: R15E  
SECTION: S12  
QTR SECTION: TBD

**DIG ALERT**  
CALL TOLL FREE 48 HOURS BEFORE YOU DIG. SERVICE ALERT 811



123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOE@MASTEC.COM

**MasTec**  
Communications Group

**COMCAST**  
OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLUCT00200

REV	DATE	DESCRIPTION	BY

DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

SHEET NAME: TYPICAL UG DETAILS

SHEET SCALE

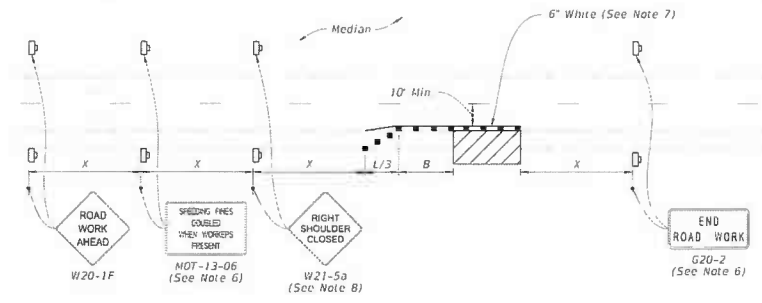
UG DETAILS

FULL SIZE 22X36 N.T.S.  
HALF SIZE 11X17 N.T.S.

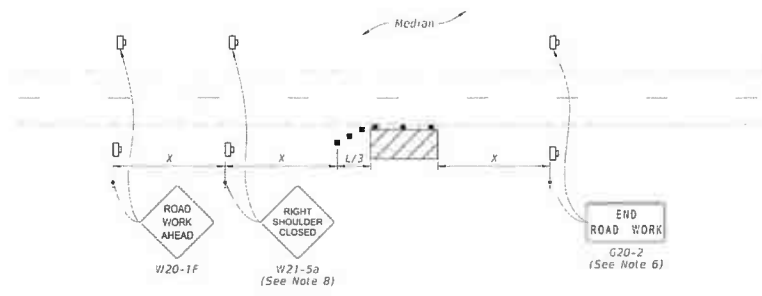
SHEET 11 OF 13  
JOB#: JB0001836297

VERIFY ALL MATERIALS PROVIDED BY CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND UTILITIES.





MULTILANE ROADWAY  
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY  
WITH WORK ZONE SPEED OF 45 MPH OR LESS



MULTILANE ROADWAY  
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

- SYMBOLS:**
- Work Area
  - Channelizing Device (See Index 102-600)
  - Work Zone Sign
  - Lane Identification and Direction of Traffic

**COMCAST**

FLUCT00200

4300 NW NOEGEL RD  
LAKE CITY, FL 32055, USA  
COLUMBIA COUNTY

LATITUDE: 30.2451  
LONGITUDE: -82.7748  
TOWNSHIP: T3S  
RANGE: R15E  
SECTION: S12  
QTR SECTION: TBD



133 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOE@MASTEC.COM



**COMCAST**

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLUCT00200

DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

REVISIONS			
REV.	DATE	DESCRIPTION	BY

SMOOTH AND MEASUREMENTS PROVIDED BY CONTRACTOR. THESE DRAWINGS AND SPECIFICATIONS SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE PROJECT MANAGER.

SHEET	SCALE	
	FULL SIZE 22X36	N.T.S.
TYP. TCP/MOT	HALF SIZE 11X17	N.T.S.
SHEET	13 OF 13	
JB#:	JB0001836297	

LAST REVISION	DESCRIPTION:
11/01/20	

**FDOT** FY 2024-25  
STANDARD PLANS

TWO-LANE AND MULTILANE, WORK ON SHOULDER

INDEX	SHEET
102-602	2 of 2