

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM REQUEST FORM

Department: Public Works

Meeting Date: 10/1/2026

1. Nature and purpose of agenda item:

Utility permit from Mastec requesting to install cable at SW Woodland Ave.

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 COMMISSIONERS UTILITY PERMIT

Date: 5/20/2026 Permit No. 260103 339 SW Woodland Ave,
County Road Fort White, FL 32038 Section No. _____

Permittee Mastec Network Solutions, on behalf of Comcast Communications

Address 800 S. Douglas Rd, 10th Flr, Coral Gables, FL 33134 Telephone Number 479-392-7657

Requesting permission from Columbia County, Florida, hereinafter called the County, to contract, operate and maintain Proposed aerial fiber optic cable and/or coax installation

FROM: _____ TO: _____

Submitted for the Utility Owner by: <u>Abbie England, Permit Coordinator</u>	<u>Abbie England</u>	05/20/2026
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 will be done prior to start of 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 SW Heflin Ave and SW Woodland Ave 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: _____

* This permit does not give permission for work outside of Columbia County Right of Way.

Permission must be obtained from land owner to work on private property.

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

Submitted By: Abbie England
Permittee

Place Corporate Seal

Abbie England Sr. Permit Coordinator
Signature and Title

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: _____



Mastec

Communications Group

JB0002140256-FLCT00N00

339 SW WOODLAND AVE, FORT WHITE, FL 32038

INSTALL APPROX. 15309' OF NEW STRAND AND FIBER OPTIC CABLE ATTACHING TO 64 EXISTING POLES ALONG SW WOODLAND AVE, SW MAPLETON ST, SW THORNE LN, SW MAGNOLIA AVE AND SW HEFLIN AVE.

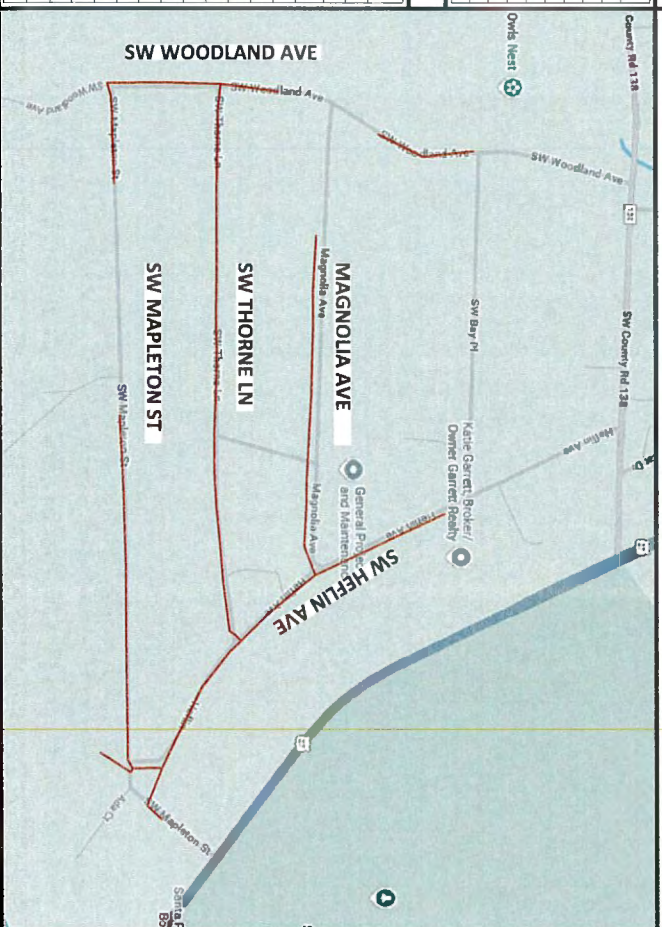
SHEET INDEX

SHEET NUMBER	SHEET TITLE
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2	LOCATION MAP
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46 - 51	TRAFFIC CONTROL PLAN(S)

BILL OF MATERIALS

DESCRIPTION	QTY.	UNIT
DIRECTIONAL BORE	35	LFT
TRENCH	0	LFT
PULL THROUGH EXISTING CONDUIT	0	LFT
BORE PITS	0	EACH
PROPOSED VAULTS	0	EACH
EXISTING VAULTS	0	EACH
PROPOSED PEDESTALS	0	EACH
EXISTING PEDESTALS	0	EACH
AERIAL RISER	0	LFT
OVERLASH	0	LFT
NEW STRAND	15375	LFT
ANCHORS	16	EACH
EXISTING ANCHORS	0	EACH
PROPOSED POLES	0	EACH
EXISTING POLES	64	EACH
TOTAL PROJECT FOOTAGE	15410	LFT

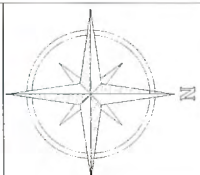
VICINITY MAP



PROJECT CONTACTS

PERMITTING
MASTEC
JOSE VALDOVINOS
633 NW 250TH ST
NEWBERRY, FL 32669
(719) 649-2232
JOSE.VALDOVINOS@MASTEC.COM

MASTEC COMMUNICATIONS GROUP:
CARLOS JIMENEZ
(305) 206-3406
CARLOS.JIMENEZ@MASTEC.COM

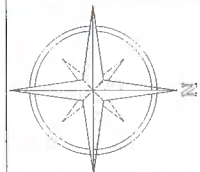
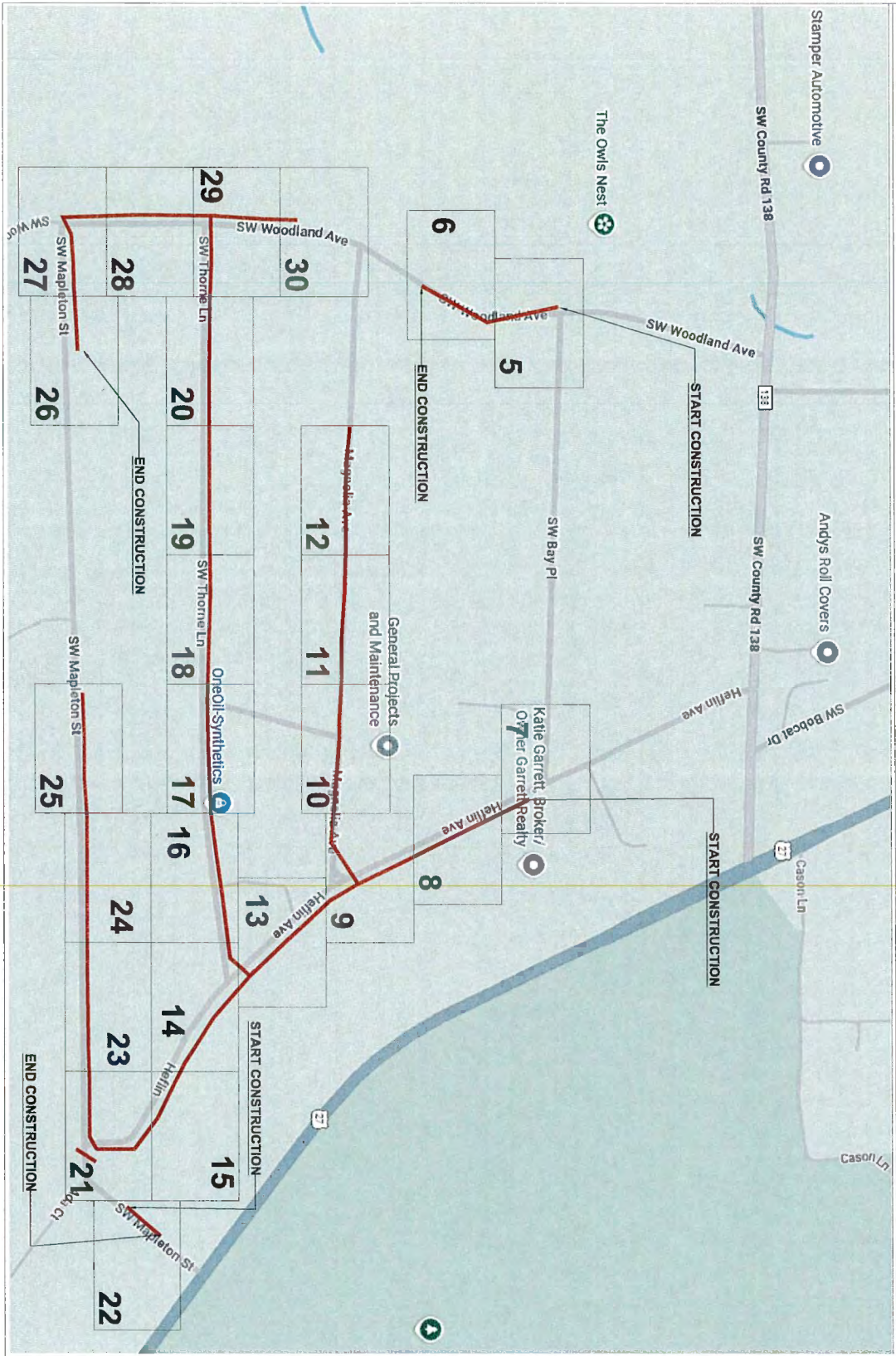


Mastec
Communications Group
800 S. DODD AVE. SUITE 1070
FORT WORTH, TX 76104
CITY: (817) 351-1441
FAX: (817) 351-1441
EMAIL: INFO@MASTEC.COM

COMCAST
OUTSIDE PLANT CONSTRUCTION
FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLCT00N00

REVISION	#	DATE	DESCRIPTION	BY
1	12/10/2025	NTS		
2	12/10/2025	NTS		
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51	12/10/2025	NTS		

LOCATION MAP



Mastec
Communications Group
803 S. DOWD AVE., 10TH
CORP. BLDG., FL 311A
(407) 301-8441
ERIC.THOMAS@MASTEC.COM

COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLCT00N00

REVISION	DATE	DESCRIPTION	BY
1	12/10/2025	SCALE	
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29	12/10/2025	SCALE	
30	12/10/2025	NTS	

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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 CONTRACTING 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 MUTCD, 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. ALL PROPOSED AERIAL CATV CROSSING ROADWAYS WILL HAVE MINIMUM MID-SPAN HEIGHT OF 18'-0".
11. ALL PROPOSED AERIAL CATV CROSSING DRIVEWAYS WILL HAVE MINIMUM MID-SPAN HEIGHT OF 18'-0".
12. PER AGENCY STANDARDS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
13. 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.
14. 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.
15. 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.
16. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE JURISDICTION OF THE LOCAL JURISDICTION ENGINEERING DEPARTMENT STANDARD DETAILS AND SPECIFICATIONS.
17. 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.
18. CALL THE "CALL BEFORE YOU DIG" NUMBER 48 HOURS IN ADVANCE OF DIGGING AT 8.1.1.



Mastec
Communications Group
800 S. LOUISIANA ROAD, 10TH
FLOOR, SUITE 1111
COLUMBIA, MISSISSIPPI 39201
(601) 391-1841
EMAIL: INFO@COMCASTMASTEC.COM

COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLLCT00N00

REVISION	DATE	DESCRIPTION	BY
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PROJECT NAME: FLLCT00N00
GENERAL NOTES
SHEET 3 OF 51

LEGENDS

SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
○	TELEPHONE POLE	□	POWER MANHOLE
×	WOOD POLE	⊗	MILEPOST MARKER
⊗	JOINT POLE	⊗	RAILROAD EQUIPMENT / RAILROAD SIGNAL POLE
⊗	TRANSFORMER POLE	⊗	RAILROAD SIGN / PED CROSSING SIGNAL
⊗	JOINT TRANSFORMER POLE	⊗	RAILROAD GATE
⊗	CATV POLE	⊗	RAILROAD CROSSING
⊗	STEEL POLE	⊗	MARKER POLE
⊗	CONCRETE POLE	⊗	SEWER CAP
○	POLE TEMPORARY	⊗	SAN SEWER MANHOLE / SAN SEWER HANDHOLE
○	RM OWNED POLE	⊗	STORM SEWER MANHOLE / STORM SEWER HANDHOLE
⊗	TRAFFIC SIGNAL POLE	⊗	STORM DRAIN CATCH BASIN/GRATE INLET/CONCRETE SPILLWAY
⊗	LIGHT POLE	⊗	FIRE HYDRANT
⊗	POLES (STRAND, NON FIBER)	⊗	GAS VALVE
⊗	POLES (STRAND, NON FIBER)	⊗	WATER VALVE / CONTROL VALVE/SPRINKLER VALVE
⊗	POLES (STRAND, NON FIBER)	⊗	WATER METER
⊗	POWER POLE	⊗	WATER CAP
⊗	POWER RISER	⊗	WATER VAULT
⊗	GROUND LOCATION	⊗	WATER VALVE MARKER
⊗	BOND LOCATION	⊗	TELEPHONE BOOTH / PAY PHONE
⊗	ANCHOR	⊗	TELCO BOX TELCO CAB
⊗	CALL OUT/POLE NUMBER	⊗	POWER PED
⊗	CALL OUT/POLE NUMBER/POLE	⊗	STORAGE
⊗	POWER RISER	⊗	UG CONDUIT FOOTAGE
⊗	TELCO MANHOLE	⊗	STRAND FOOTAGE
⊗	TELCO PED	⊗	BONE PIT
⊗	CONCRETE TELCO PAD	⊗	FIBER MANHOLE
⊗	TELCO RISER	⊗	4X4X12 LUNCTION BOX
⊗	TELCO VAULT	⊗	CC PED
⊗	TRAFFIC SIGNAL HANDHOLE	⊗	CC FGP
⊗	TRAFFIC SIGNAL CABINET	⊗	UNKNOWN CAP
⊗	ABOVE GROUND PEDESTAL	⊗	VAULT
⊗	EXISTING FIBER VAULT	⊗	CABINET
⊗	17X30 VAULT	⊗	MAIL BOX
⊗	24X30 VAULT	⊗	YARD LIGHT
⊗	30X48 VAULT	⊗	BUILDING
⊗	48X48 VAULT	⊗	STREET NAME
⊗	36X60 VAULT	⊗	BUS SHELTER
⊗	36X60 VAULT	⊗	CONIFEROUS TREE PINE TREE
⊗	MANHOLE-LEASED	⊗	DECIDUOUS TREE PALM TREE
⊗	HANDHOLE-LEASED	⊗	DECORATIVE ROCKS
⊗	POWER VAULT	⊗	SHRUB HEDGE
⊗	TELEPHONE MANHOLE	⊗	BUSH
⊗	TELEPHONE VAULT	⊗	RISER
⊗	FIBER VAULT	⊗	NORTH ARROW
⊗	CULVERT	⊗	PROPOSED "FLOWERPOTT"

LINETYPES

STANDARD	PROPOSED TRENCH
PROPOSED BORE	PROPOSED AERIAL
POWER	DRIP CABLE
BURIED COMM	GAS
WATER	SANITARY SEWER GRAVITY MAIN
STORM DRAIN	DITCH
GUARDRAIL	

FENCE	SIDEWALK
EDGE OF PAVEMENT	RIGHT OF WAY
BACK OF CURB	UTILITY EASEMENT
CENTER LINE	PROPERTY LINE
OVERHEAD GUY	POLE TO POLE GUY
RAILROAD	

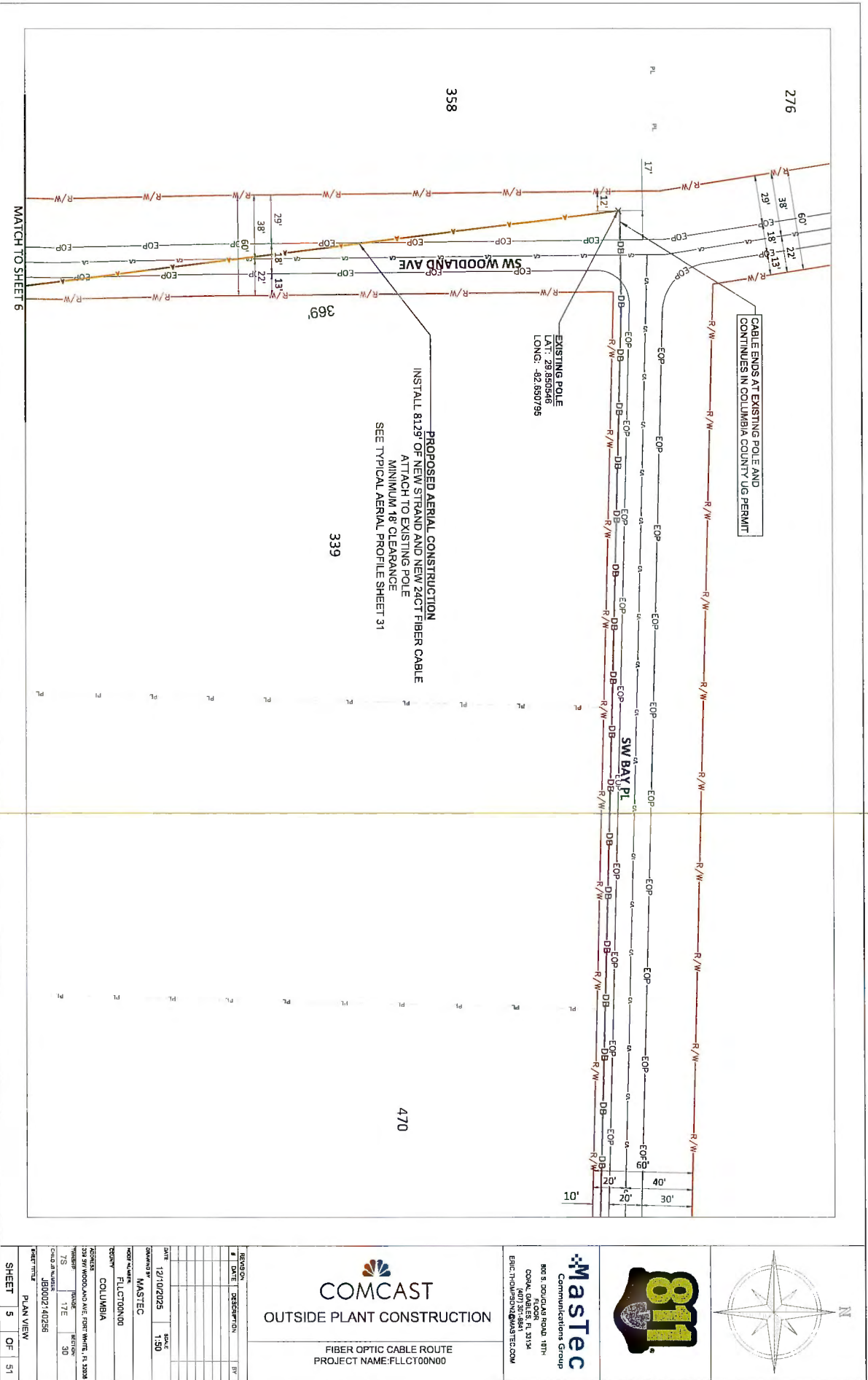


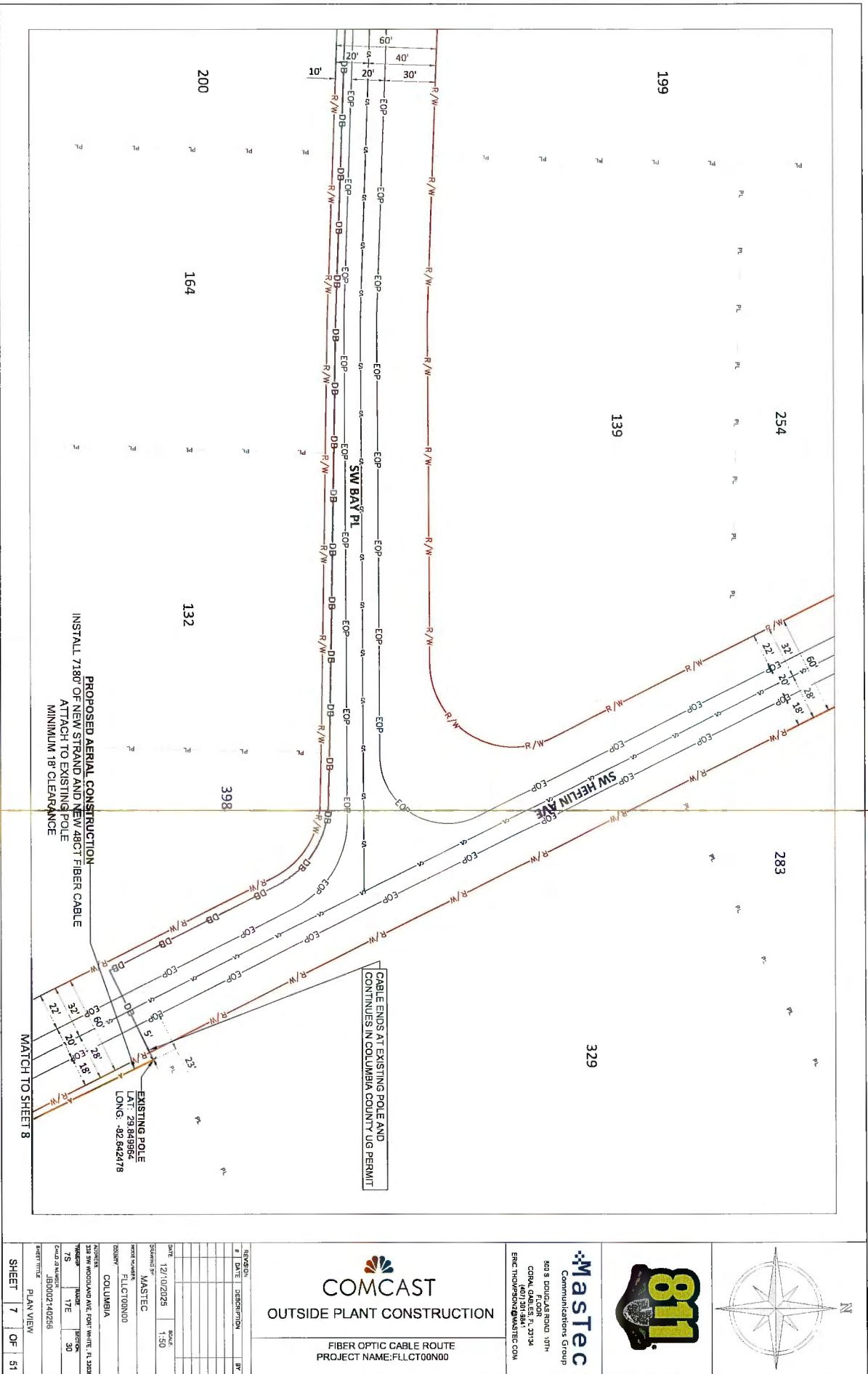
Mastec
Communications Group
800 S. DOLAN ROAD, 10TH
FLOOR, SUITE 101
DALLAS, TEXAS 75201
(469) 201-1841
BRC1740@MASTEC.COM

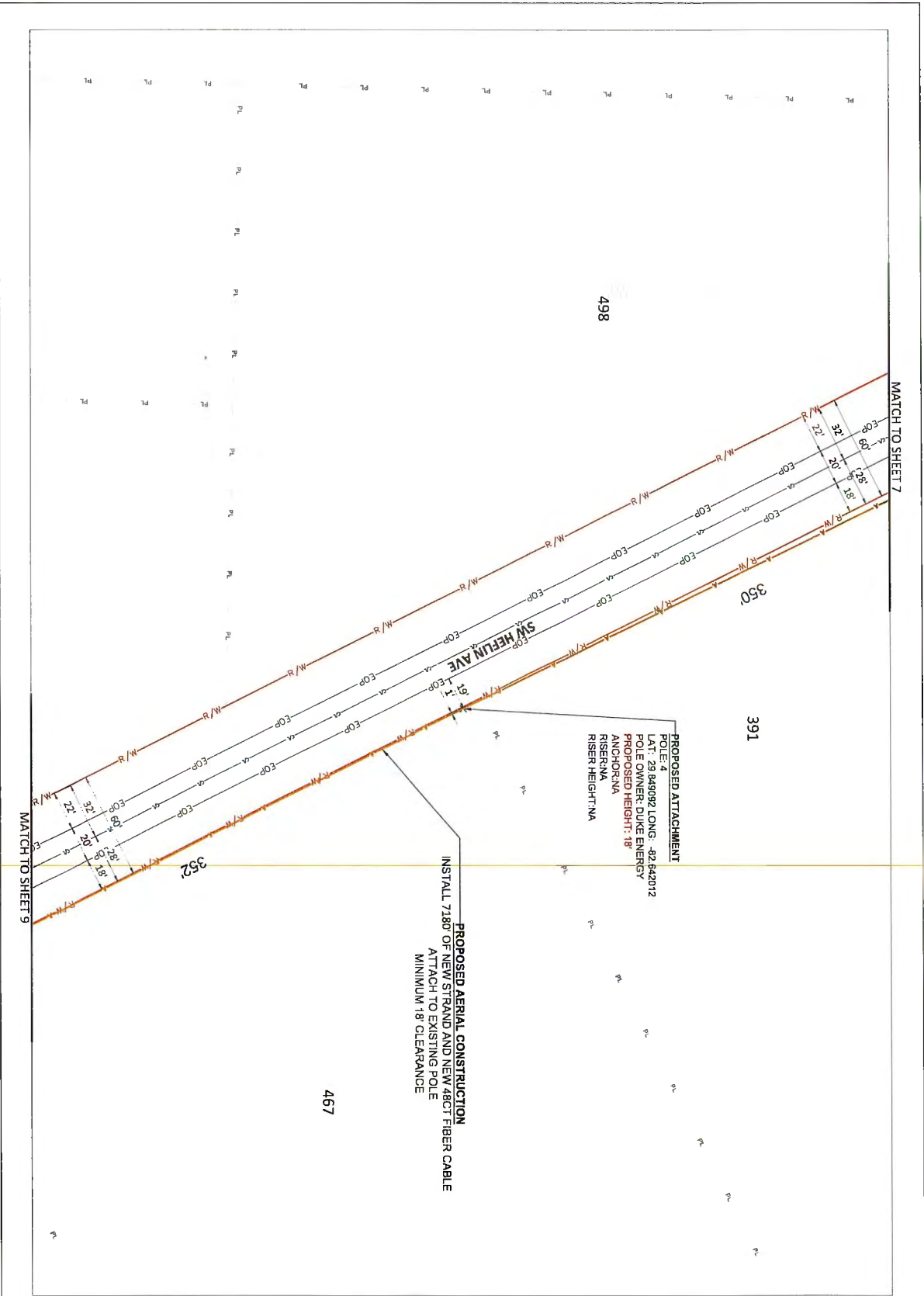
COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLCT00N00

REV	DATE	DESCRIPTION	BY
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2	12/10/2025	MASTEC	
3	12/10/2025	FLCT00N00	
4	12/10/2025	COLUMBIA	
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50	12/10/2025	FLCT00N00	
51	12/10/2025	FLCT00N00	









COMCAST
OUTSIDE PLANT CONSTRUCTION

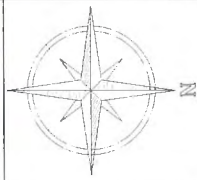
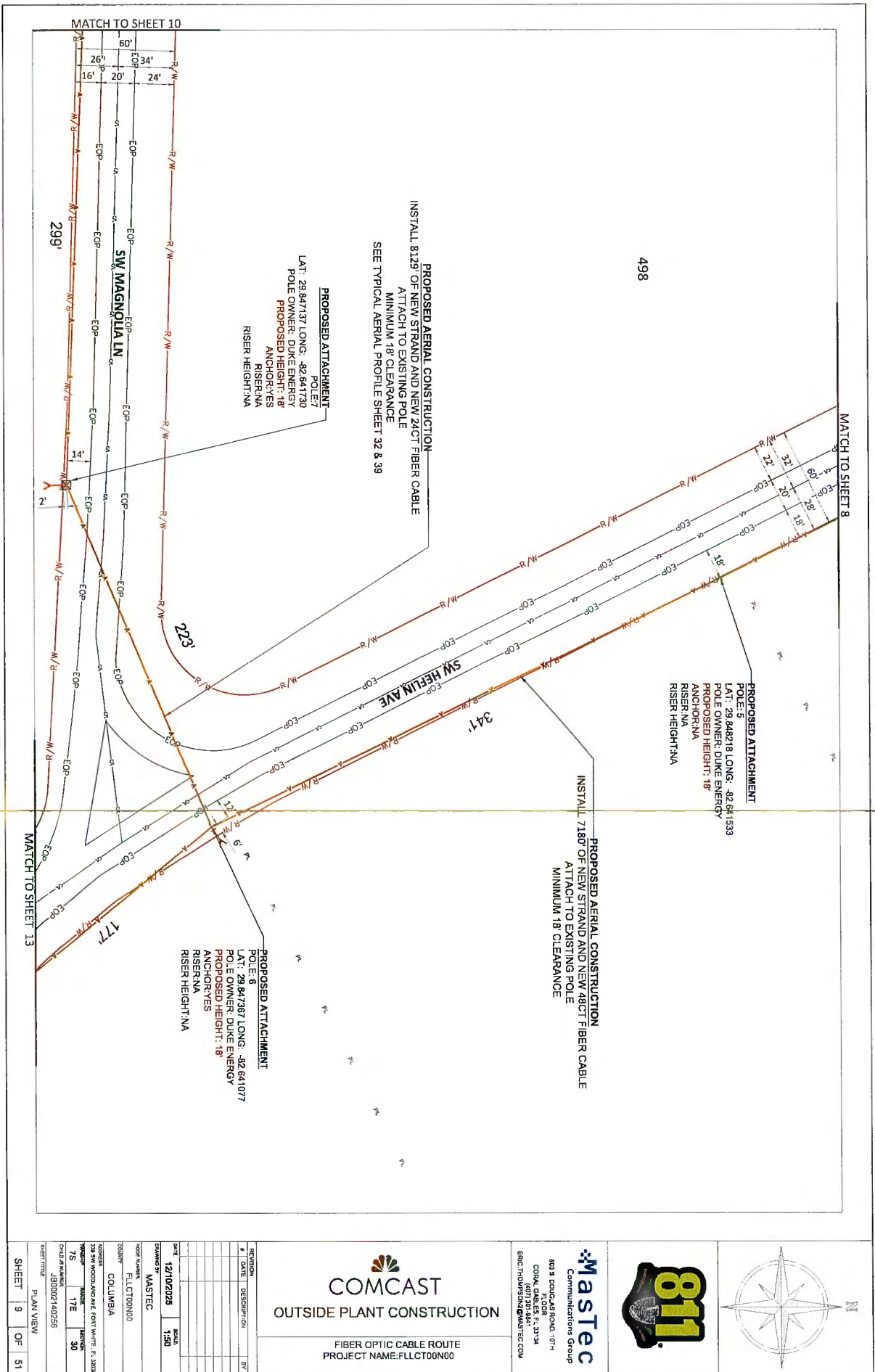
FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLCT00N00

mastec
Communications Group

800 S. DODD AVE. SUITE 100
CORAL GABLES, FL 33134
(305) 351-1841
ERIC.THOFFER@MASTEC.COM

REVISION	DATE	DESCRIPTION	BY
1	12/10/2025	1:50	

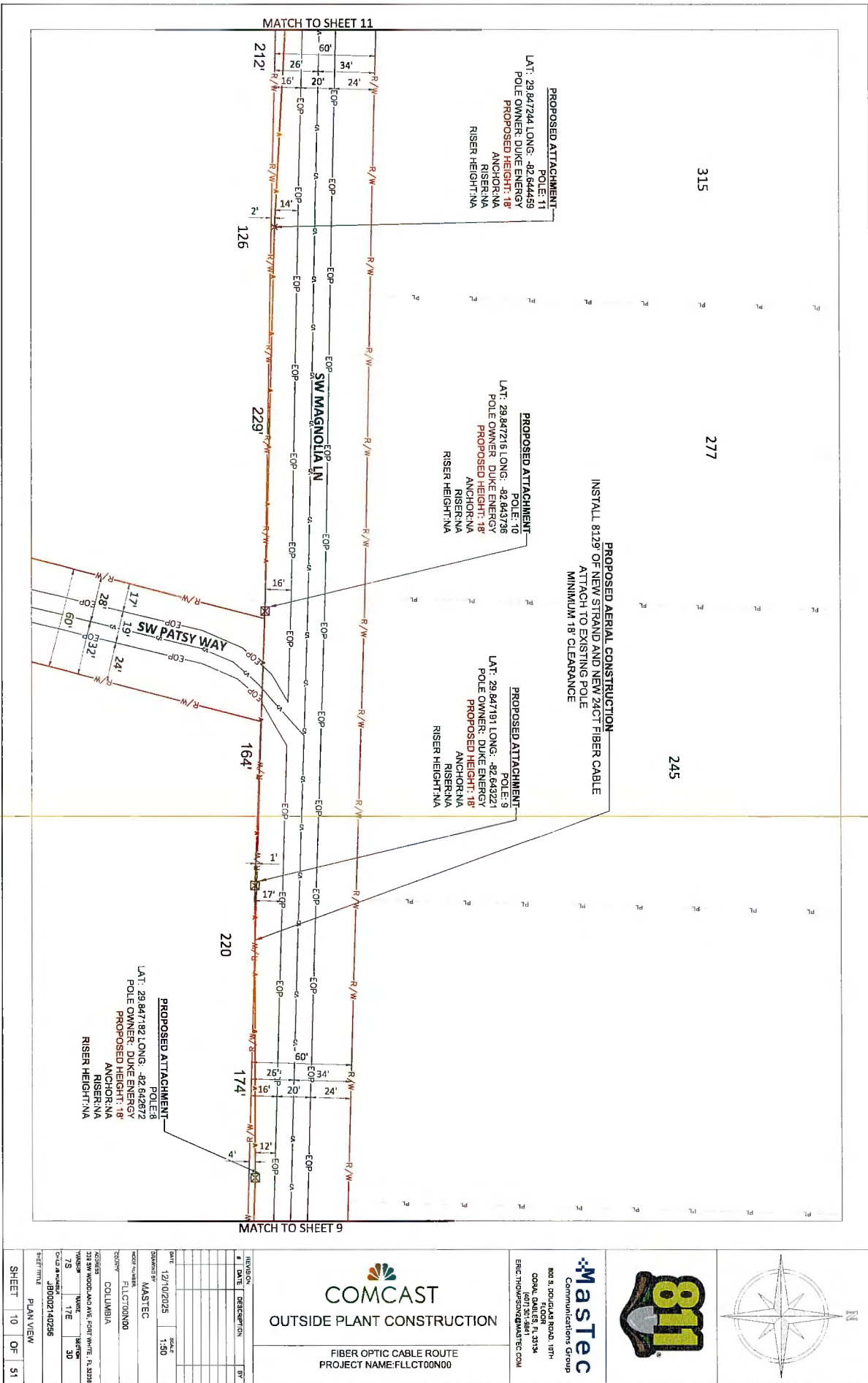
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DESIGN	FLCT00N00		
CITY	COLUMBIA		
PROJECT	300 SW WOODLAND AVE. PORT WORTH, FL 33138		
THICKNESS	75	THICKNESS	30
GRID	2000	GRID	2000
PROJECT TITLE	PLAN VIEW		
SHEET	8	OF	51

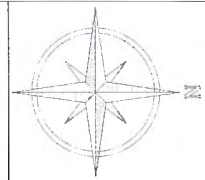
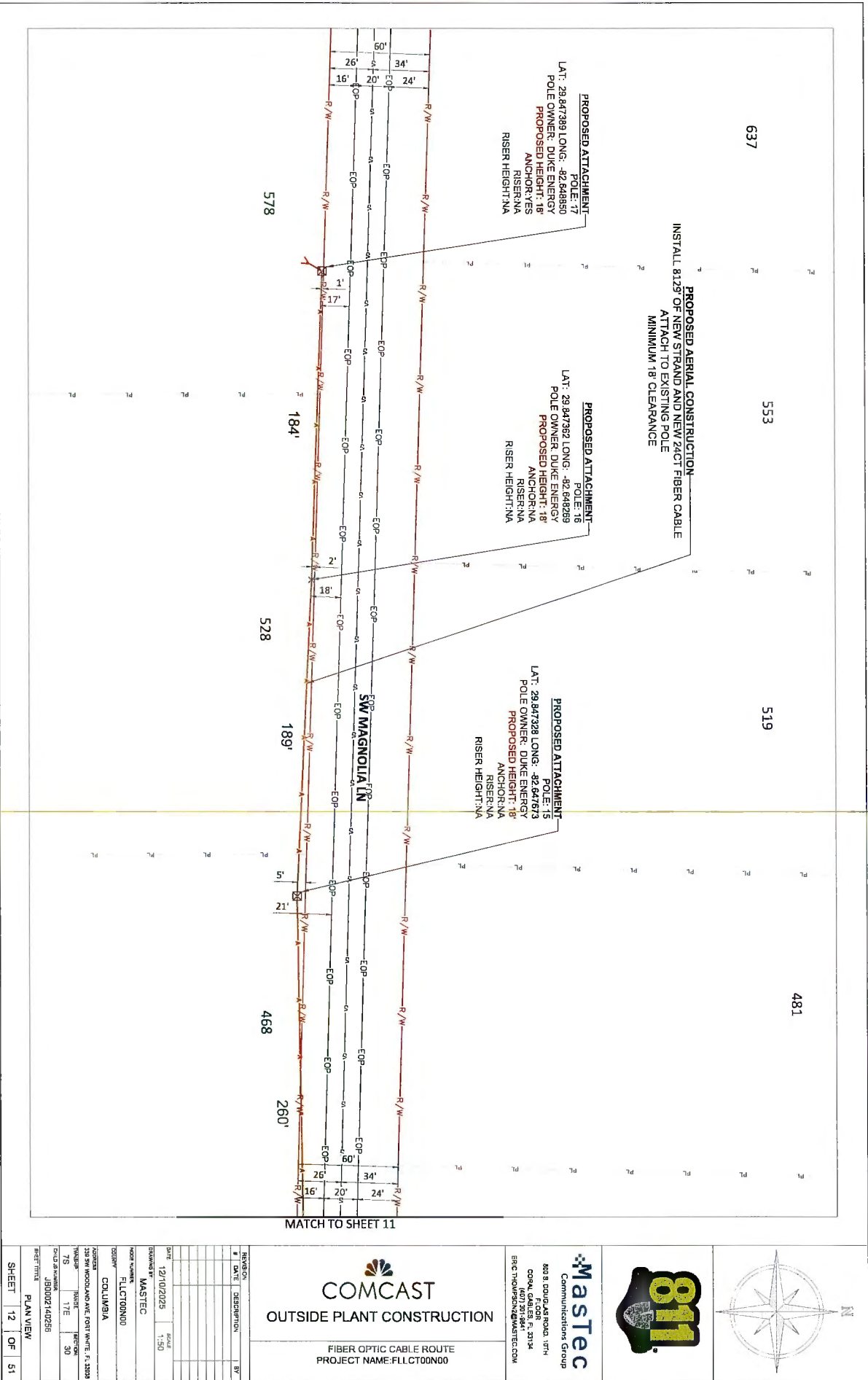


Mastec
 Communications Group
 800 S DOLICART ROAD, 10TH
 CORAL GABLES, FL 33134
 (305) 351-1841
 E-MAIL: INFO@MASTEC.COM

COMCAST
 OUTSIDE PLANT CONSTRUCTION
 FIBER OPTIC CABLE ROUTE
 PROJECT NAME: FLCT00N00

REVISION	DATE	DESCRIPTION	BY
#			
DATE	12/10/2025	SCALE	1:50
DRAWN BY: MASTEC			
CHECKED BY: MASTEC			
DESIGNED BY: MASTEC			
PROJECT: COLUMBIA			
333 SW WOODLAND AVE FORT WHITE, FL 32039			
75	17E	30	
JOB # 140256			
SHEET TITLE: PLAN VIEW			
SHEET	9	OF	51

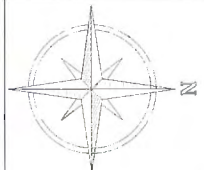
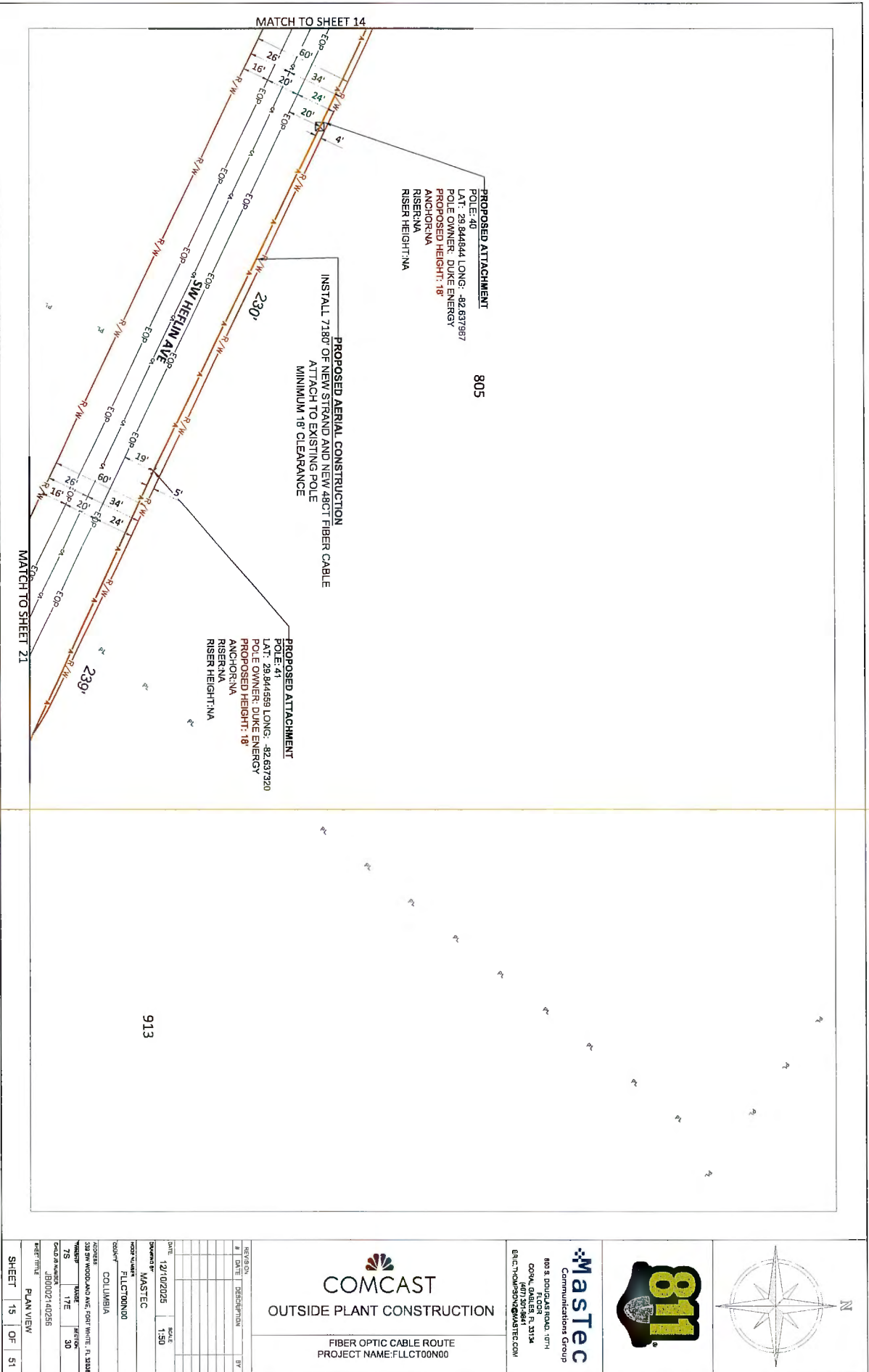




Mastec
 Communications Group
 803 S. DODD AVE. SUITE 100
 COLUMBIA, SC 29204
 (803) 731-8841
 ERIC.THOMAS@MASTEC.COM

COMCAST
 OUTSIDE PLANT CONSTRUCTION
 FIBER OPTIC CABLE ROUTE
 PROJECT NAME: FLCT00N00

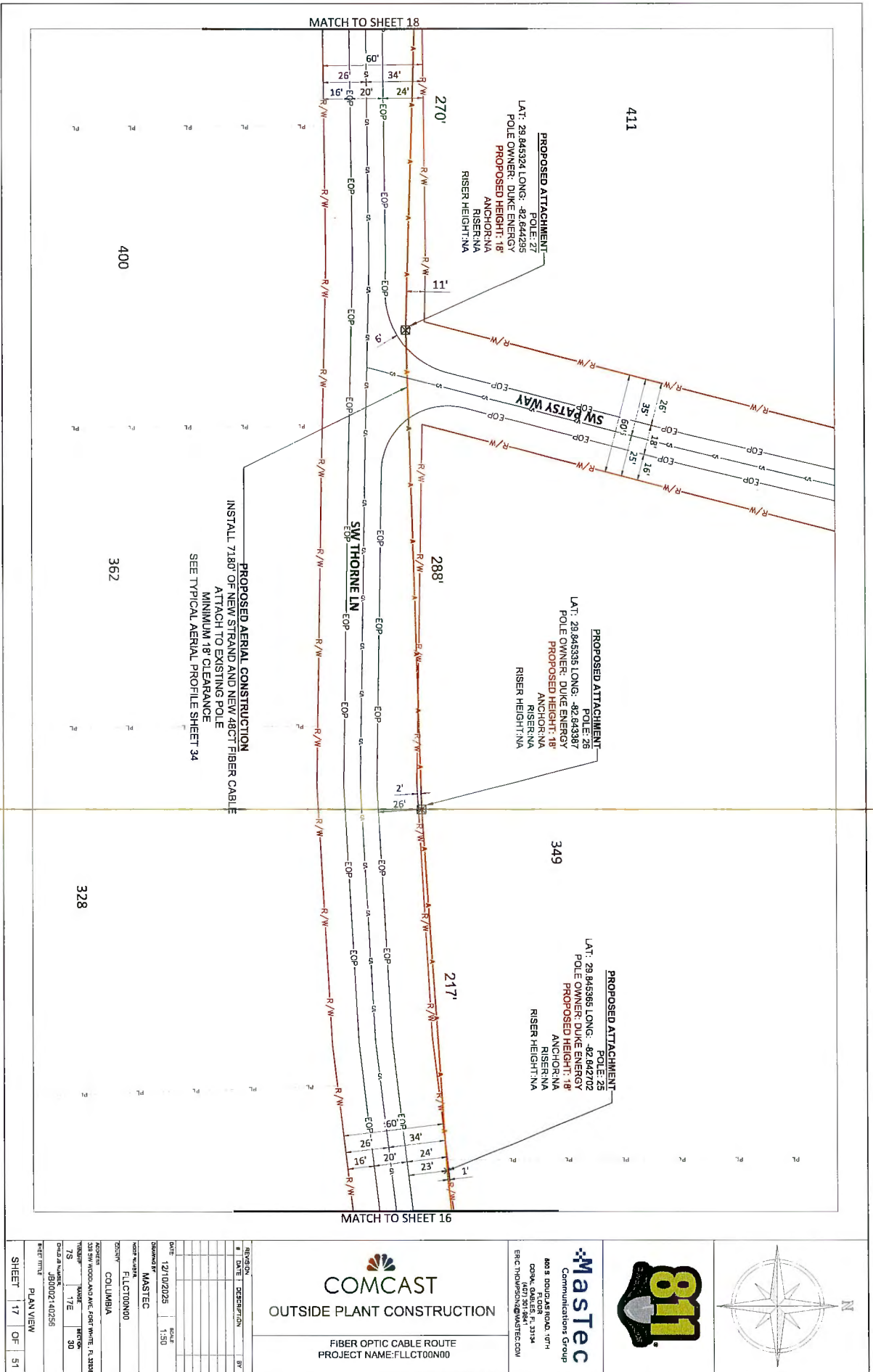
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1	12/10/2025	1:50	
DRAWN BY: MASTEC			
CHECKED BY: MASTEC			
DESIGNED BY: FLCT00N00			
COLUMBIA			
200 SW WOODLAND AVE. FORT WORTH, TX 76104			
75 17E 30			
CITY OF COLUMBIA			
J50002140256			
SHEET 12 OF 51			

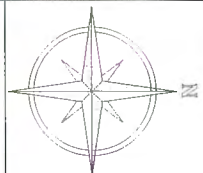


Mastec
 Communications Group
 880 S. DOLAN ROAD, 10TH
 COVINGTON, LA 70044
 (504) 835-1111
 E-MAIL: INFO@MASTEC.COM

COMCAST
 OUTSIDE PLANT CONSTRUCTION
 FIBER OPTIC CABLE ROUTE
 PROJECT NAME: FLCT00N00

NO.	DATE	DESCRIPTION	BY
1	12/10/2025	POLE	
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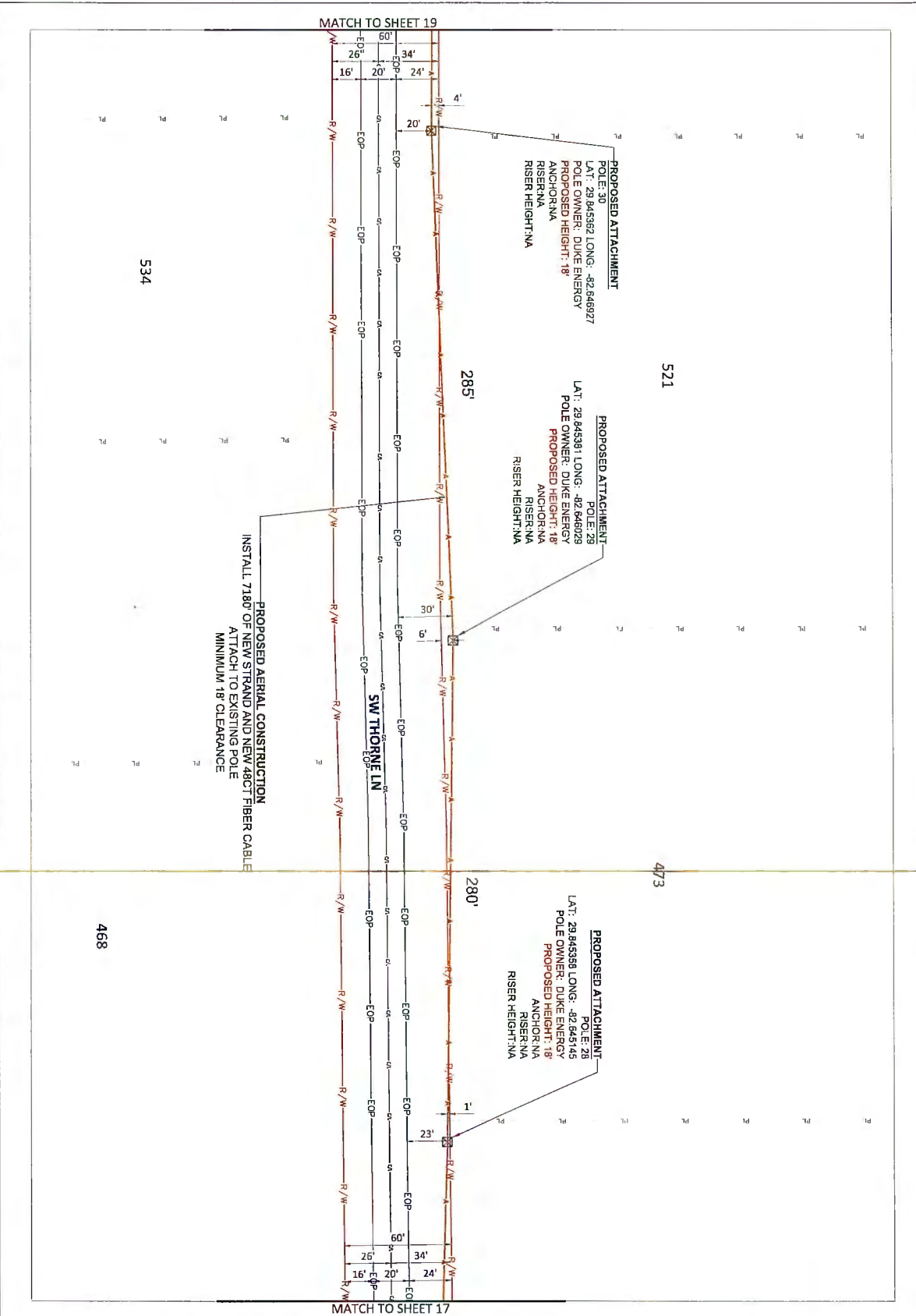


Mastec
Communications Group
800 S. DOWD AVE. ROAD 107M
COLUMBIA, SC 29204
TEL: 803.733.8441
FAX: 803.733.8442
E-MAIL: INFO@MASTEC.COM

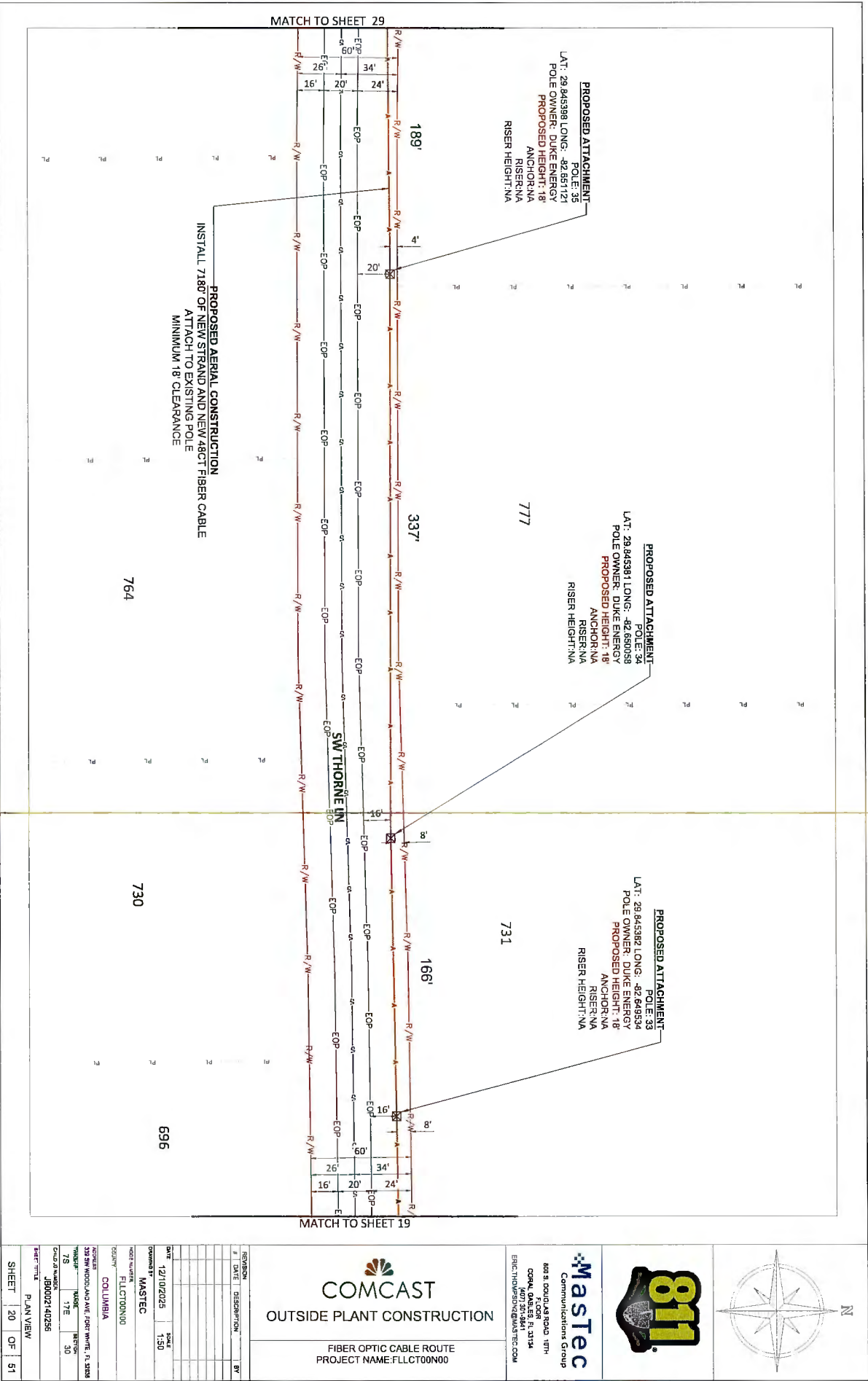
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OUTSIDE PLANT CONSTRUCTION

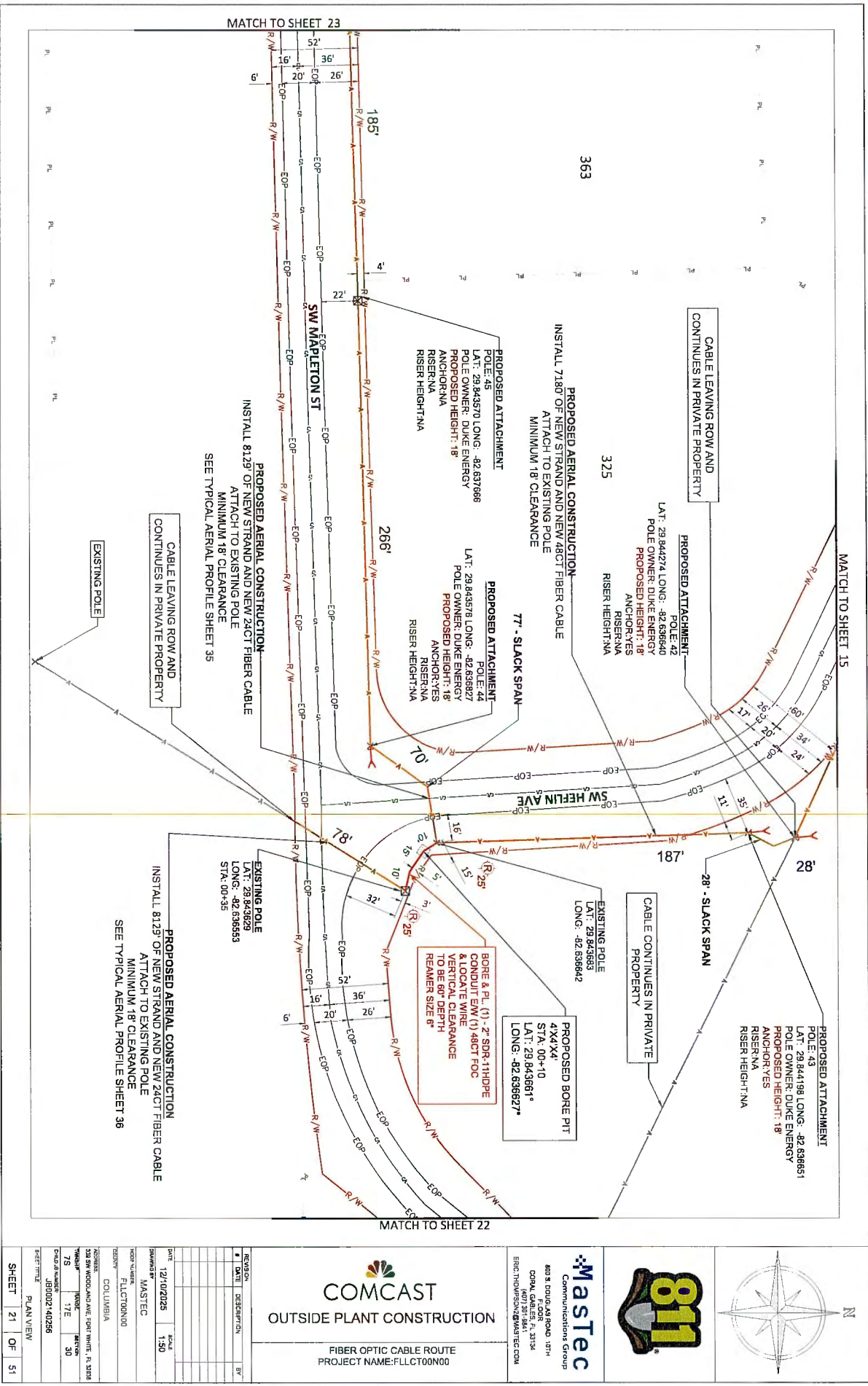
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PROJECT NAME: FLCT00N00

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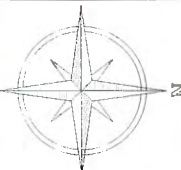
SHEET 18 OF 51



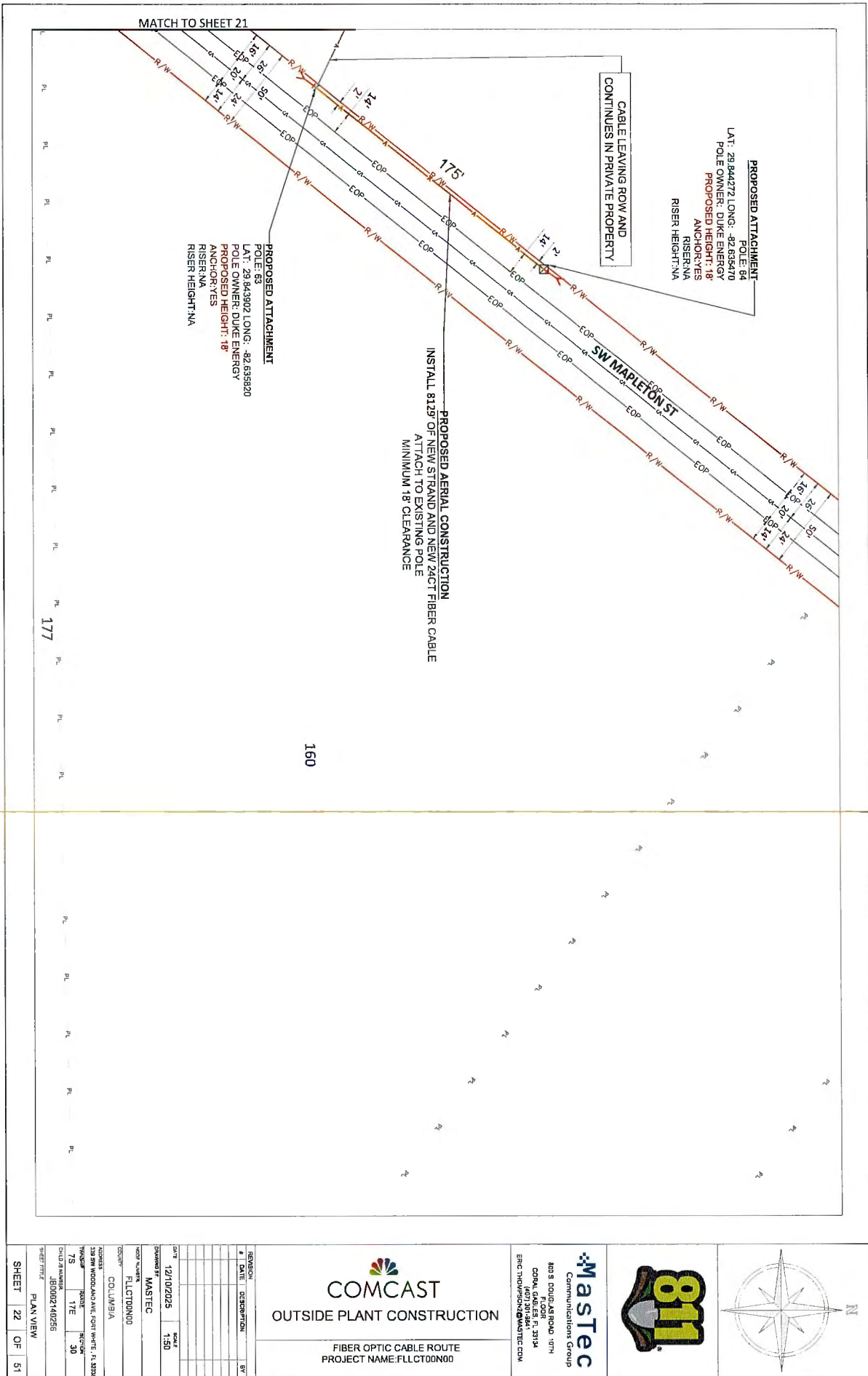


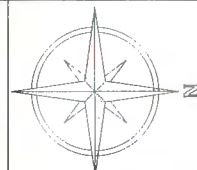
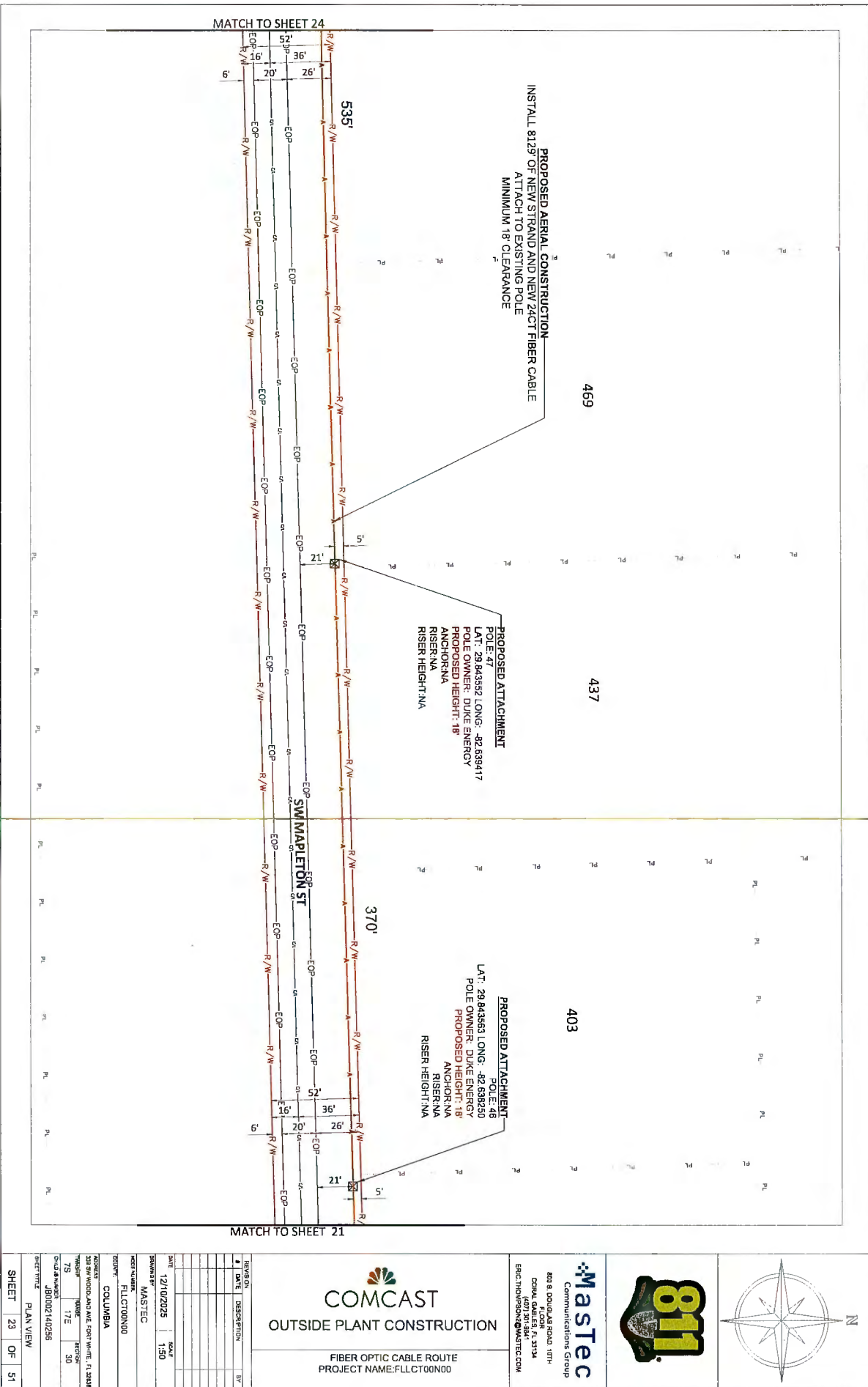
COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLLCT00N00



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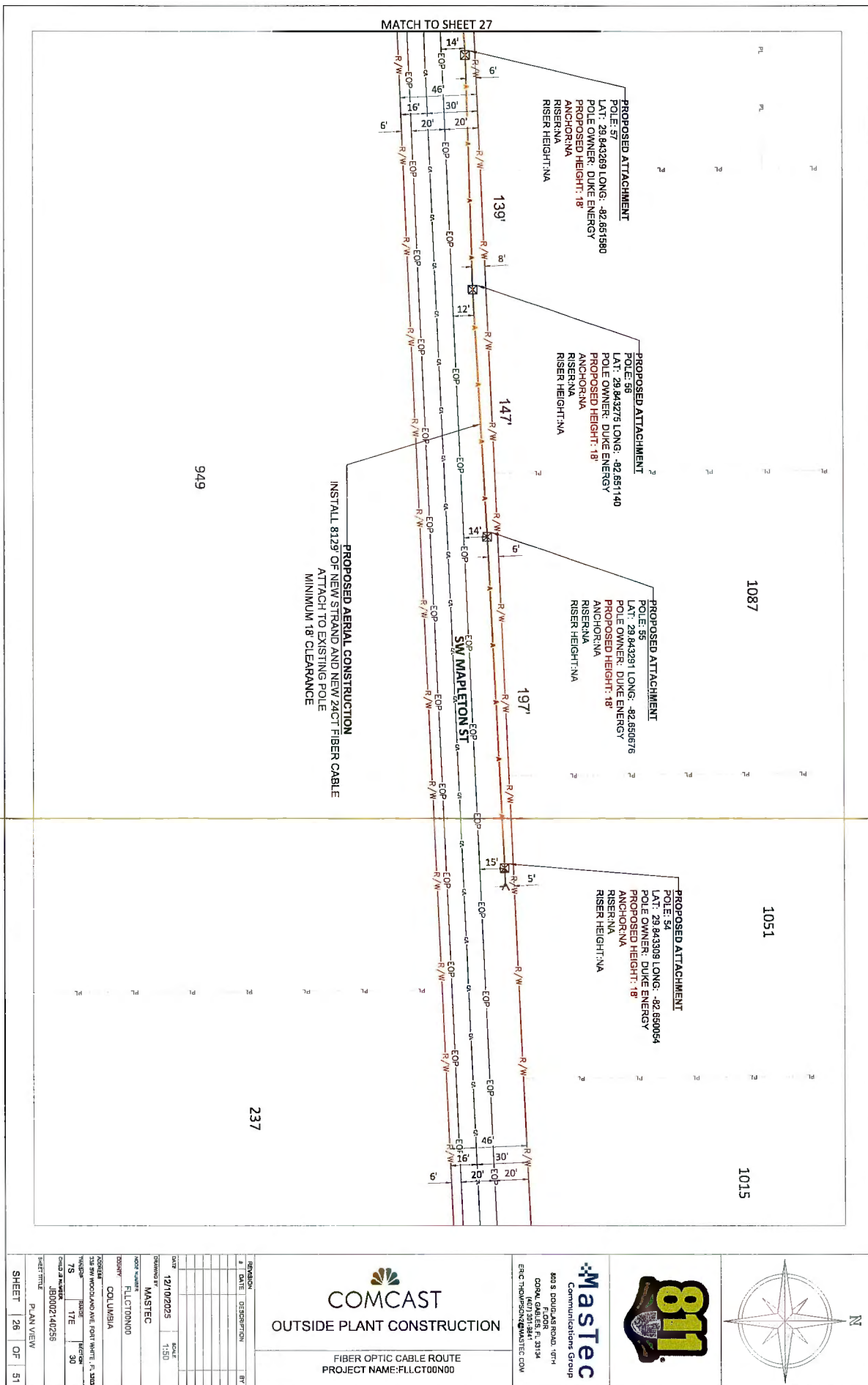


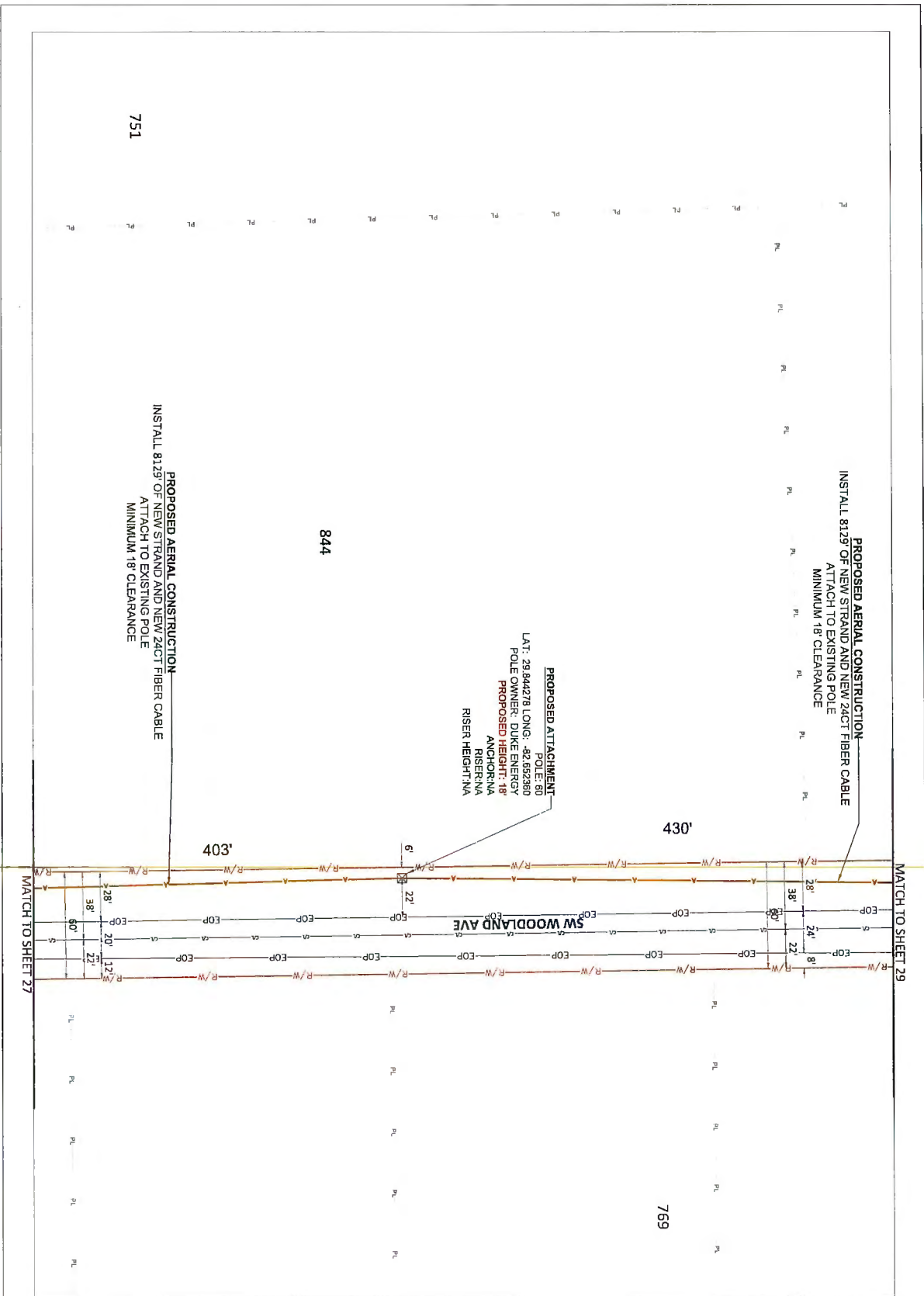


Comcast
 Communications Group
 803 S. DOWLAND ROAD 10TH
 CORAL GABLES, FL 33134
 (305) 361-1841
 E-MAIL: THOMPSON@MASTEC.COM

COMCAST
 OUTSIDE PLANT CONSTRUCTION
 FIBER OPTIC CABLE ROUTE
 PROJECT NAME: FLLCT00N00

REVISION	DATE	DESCRIPTION	BY
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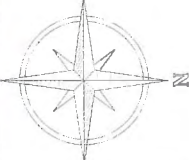


COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLCT00N00

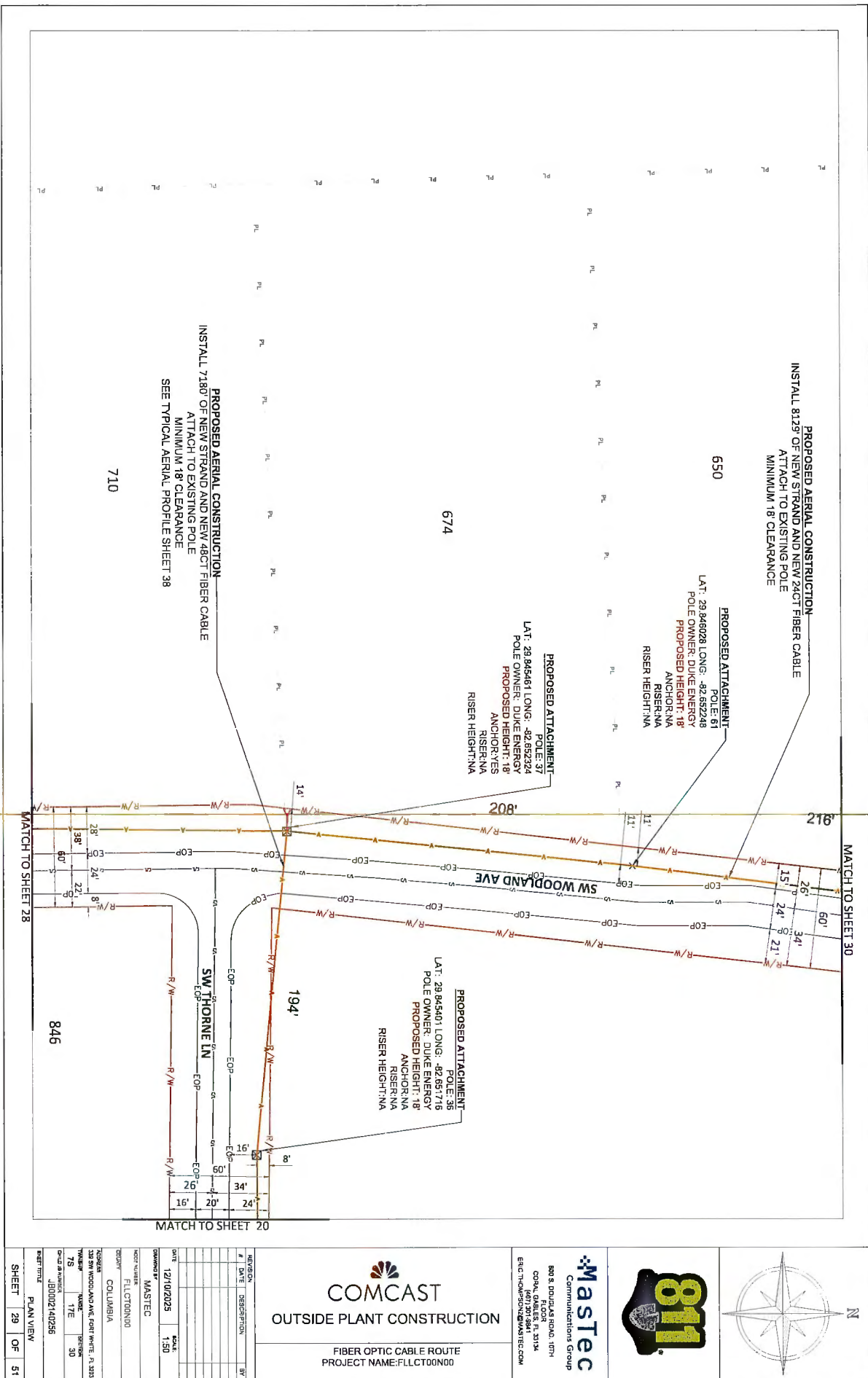


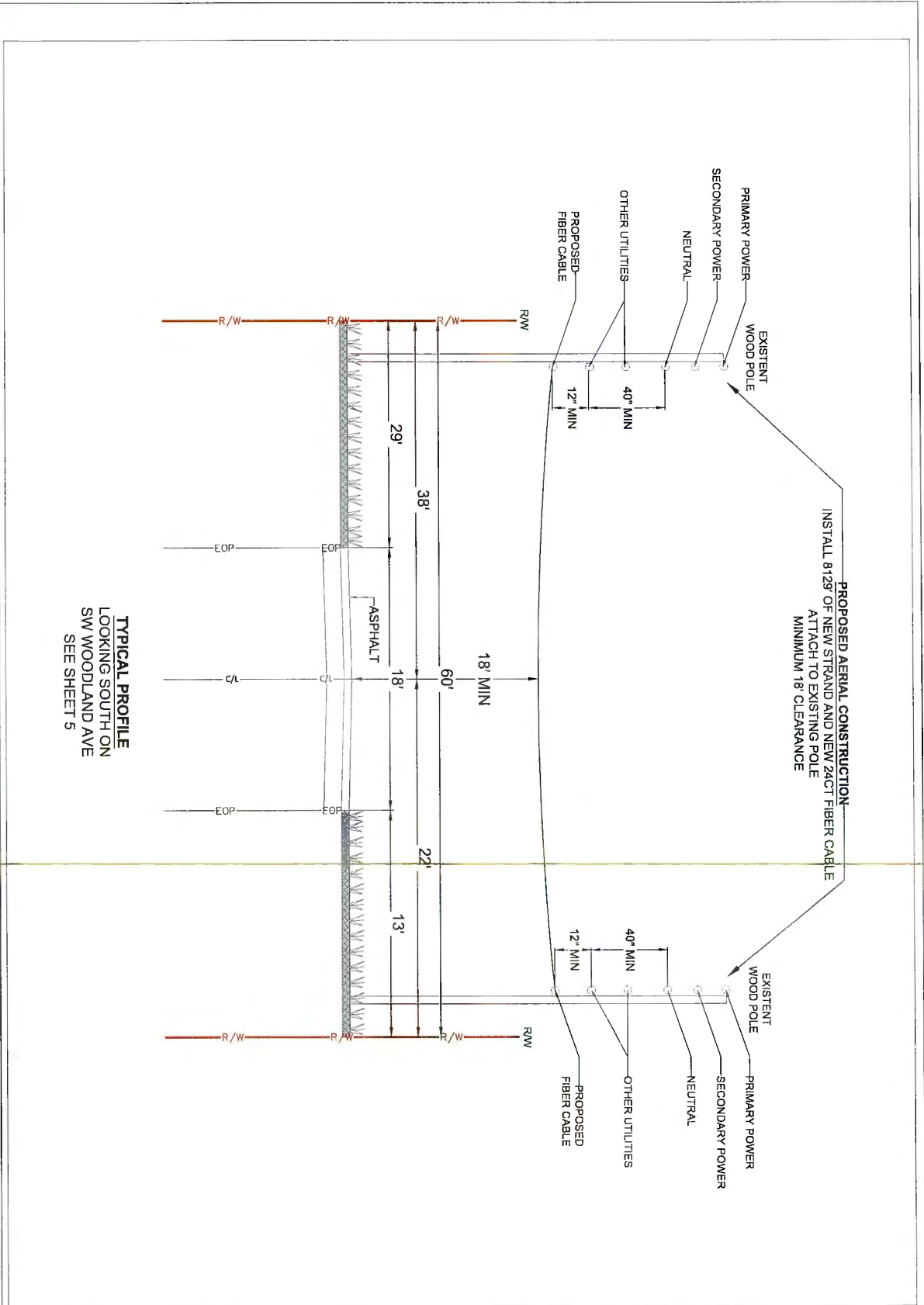
Mastec
Communications Group
808 S. DOWD AVE. SUITE 107
COLUMBIA, SC 29204
(803) 361-8441
ERIC.THOMPSON@MASTEC.COM



REVISION		DATE	DESCRIPTION	BY
1	12/10/2025	1:50	MASTEC	

PROJECT		FLCT00N00	
CITY		COLUMBIA	
ADDRESS		232 SW WOODLAND AVE, FORT WHITE, FL 32038	
SHEET TITLE		PLAN VIEW	
SHEET		28	OF 51





TYPICAL PROFILE
LOOKING SOUTH ON
SW WOODLAND AVE
SEE SHEET 5



COMCAST

OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLLCT00N00



Mastec
Communications Group

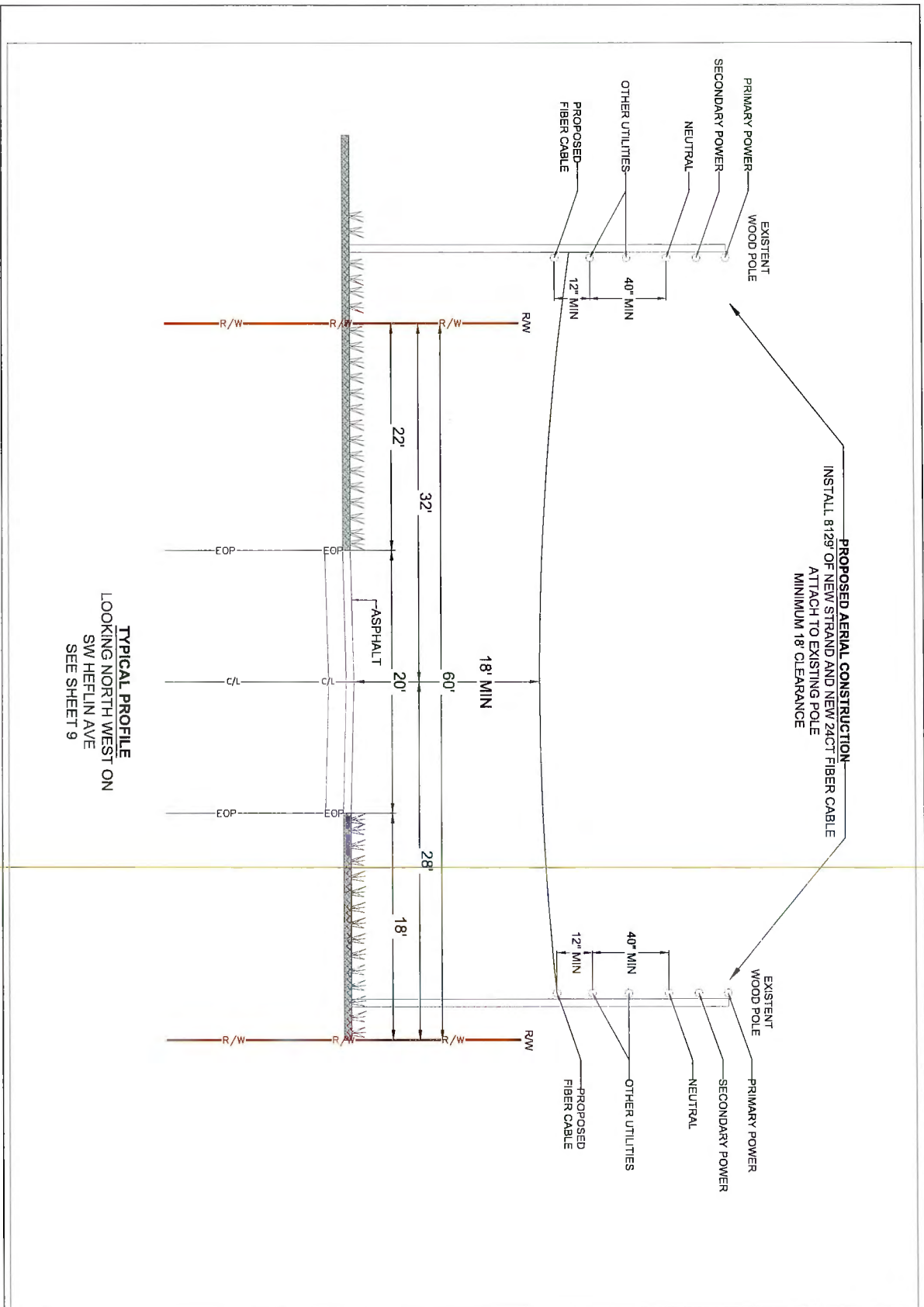
800 S. DOUGLAS ROAD, 10TH
FLOOR, CHICAGO, IL 60605
(312) 321-8844
ERIC.HOFFMAN@MASTEC.COM

REVISION	DATE	DESCRIPTION	BY
1	12/10/2025	NTS	MASTEC

DATE	12/10/2025	SCALE	NTS
DESIGNED BY	MASTEC	CHECKED BY	MASTEC
PROJECT	FLLCT00N00	LOCATION	COLUMBIA
CONTRACT	320 SW WOODLAND AVE, PORT WATKINS, MI 49783	CONTRACT NO.	17E
CONTRACT NO.	17E	CONTRACT NO.	30
CONTRACT NO.	17E	CONTRACT NO.	30

SHEET 31 OF 51

TYPICAL PROFILE





COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLCT00N00



811

MASTEC
Communications Group

800 S. DODD ST. SUITE 100
COLUMBIA, SC 29204
EPC: 703.575.0000 MASTEC.COM

NO.	DATE	DESCRIPTION	BY
1	12/10/2023	MASTEC	NTS

PROJECT: FLCT00N00

CITY: COLUMBIA

LOCATION: 200 SW WOODLAND AVE, ADOT WHITE, FL 3208

SCALE: 1"=40'

DATE: 12/10/2023

PROJECT: FLCT00N00

MASTEC
Communications Group

800 S. DODD ST. SUITE 100
COLUMBIA, SC 29204
EPC: 703.575.0000 MASTEC.COM

NO.	DATE	DESCRIPTION	BY
1	12/10/2023	MASTEC	NTS

PROJECT: FLCT00N00

CITY: COLUMBIA

LOCATION: 200 SW WOODLAND AVE, ADOT WHITE, FL 3208

SCALE: 1"=40'

DATE: 12/10/2023

PROJECT: FLCT00N00

MASTEC
Communications Group

800 S. DODD ST. SUITE 100
COLUMBIA, SC 29204
EPC: 703.575.0000 MASTEC.COM

NO.	DATE	DESCRIPTION	BY
1	12/10/2023	MASTEC	NTS

PROJECT: FLCT00N00

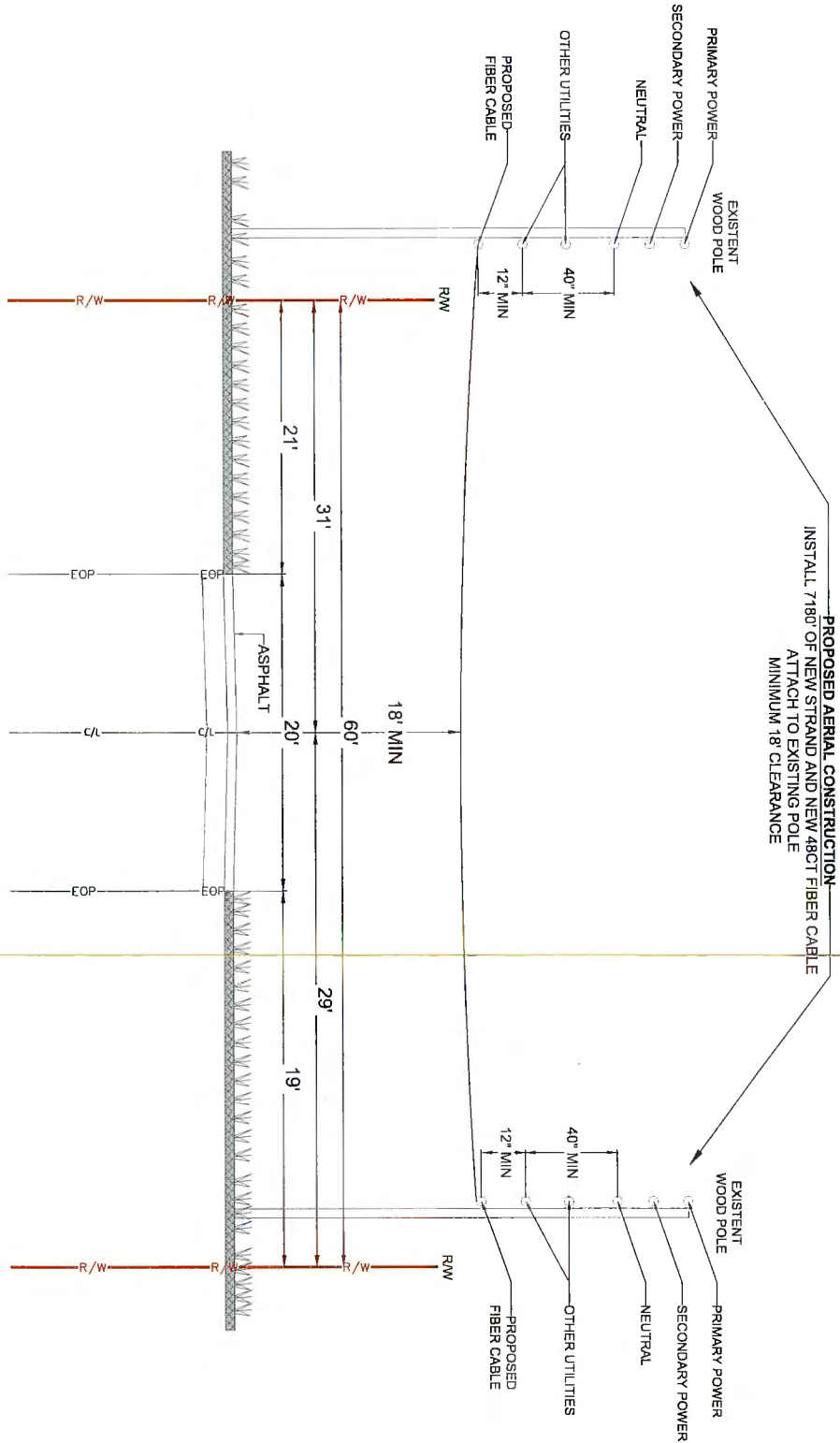
CITY: COLUMBIA

LOCATION: 200 SW WOODLAND AVE, ADOT WHITE, FL 3208

SCALE: 1"=40'

DATE: 12/10/2023

PROJECT: FLCT00N00



TYPICAL PROFILE
LOOKING SOUTHWEST ON
SW HEPLIN AVE
SEE SHEET 13



COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLLCT00N00



811

REVISION

#	DATE	DESCRIPTION	BY
1	12/10/2025	NTS	

DATE 12/10/2025 **SCALE** NTS

DRAWING BY MASTEC

CHECKED BY FLLCT00N00

DESIGNED BY COLUMBIA

PROJECT 331 SW WOODLAND AVE, FORT WHITE, FL 32049

TRAILER 78S **TYPE** 17E **SECTION** 30

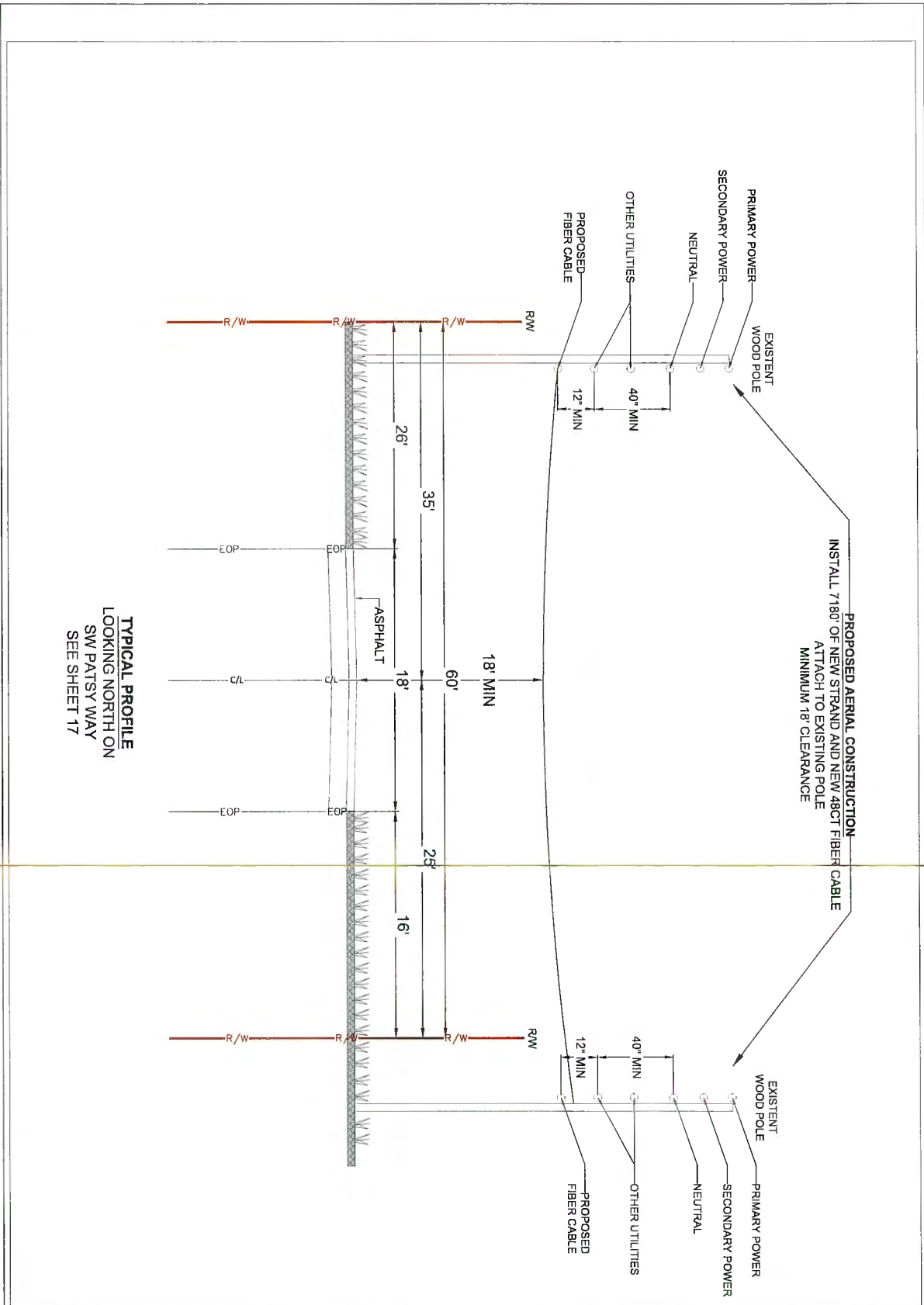
DATE 12/10/2025 **PROJECT** J800021402250

MASTEC
Communications Group

600 S DOUGLAS BLVD, 10TH
CORAL GABLES, FL 33134
(407) 351-8441
E-MAIL: info@communicationsmastec.com

SHEET 33 OF 51

TYPICAL PROFILE





COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLLCT00N00



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Communications Group

REVISION

#	DATE	DESCRIPTION	BY
1	12/10/2025	NTS	

DATE: 12/10/2025 **SCALE:** NTS

DESIGNED BY: MASTEC

CHECKED BY: FLLCT00N00

CITY: COLUMBIA

ADDRESS: 130002140256

PROJECT: 130002140256

DATE: 12/10/2025 **SCALE:** NTS

DESIGNED BY: MASTEC

CHECKED BY: FLLCT00N00

CITY: COLUMBIA

ADDRESS: 130002140256

PROJECT: 130002140256

800 S. DODD/AS ROAD, 10TH
COVINGTON, LA 70334
(504) 381-1841
EMIL THOMPSON@MASTEC.COM

REVISION

#	DATE	DESCRIPTION	BY
1	12/10/2025	NTS	

DATE: 12/10/2025 **SCALE:** NTS

DESIGNED BY: MASTEC

CHECKED BY: FLLCT00N00

CITY: COLUMBIA

ADDRESS: 130002140256

PROJECT: 130002140256

DATE: 12/10/2025 **SCALE:** NTS

DESIGNED BY: MASTEC

CHECKED BY: FLLCT00N00

CITY: COLUMBIA

ADDRESS: 130002140256

PROJECT: 130002140256

800 S. DODD/AS ROAD, 10TH
COVINGTON, LA 70334
(504) 381-1841
EMIL THOMPSON@MASTEC.COM

REVISION

#	DATE	DESCRIPTION	BY
1	12/10/2025	NTS	

DATE: 12/10/2025 **SCALE:** NTS

DESIGNED BY: MASTEC

CHECKED BY: FLLCT00N00

CITY: COLUMBIA

ADDRESS: 130002140256

PROJECT: 130002140256

DATE: 12/10/2025 **SCALE:** NTS

DESIGNED BY: MASTEC

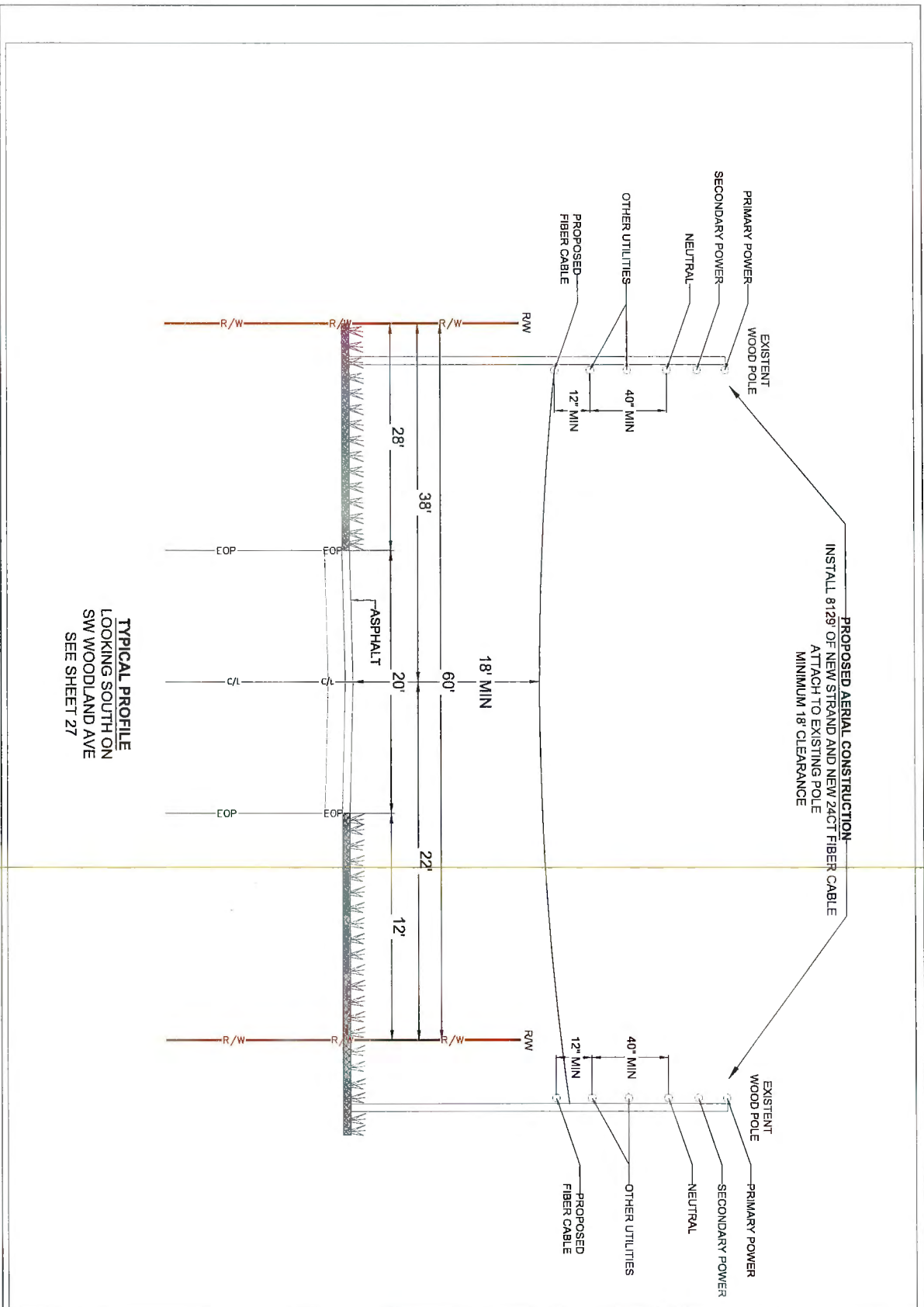
CHECKED BY: FLLCT00N00

CITY: COLUMBIA

ADDRESS: 130002140256

PROJECT: 130002140256

800 S. DODD/AS ROAD, 10TH
COVINGTON, LA 70334
(504) 381-1841
EMIL THOMPSON@MASTEC.COM





COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLLCT00N00



811

MASTEC
Communications Group

800 S. DODD AVE. SUITE 100
CORAL GABLES, FL 33134
(407) 351-1404
EMAIL: INFO@MASTEC.COM

DATE	DESCRIPTION	BY
12/10/2023	MASTEC	NTS

DESIGNED BY: FLLCT00N00

COLUMBIA

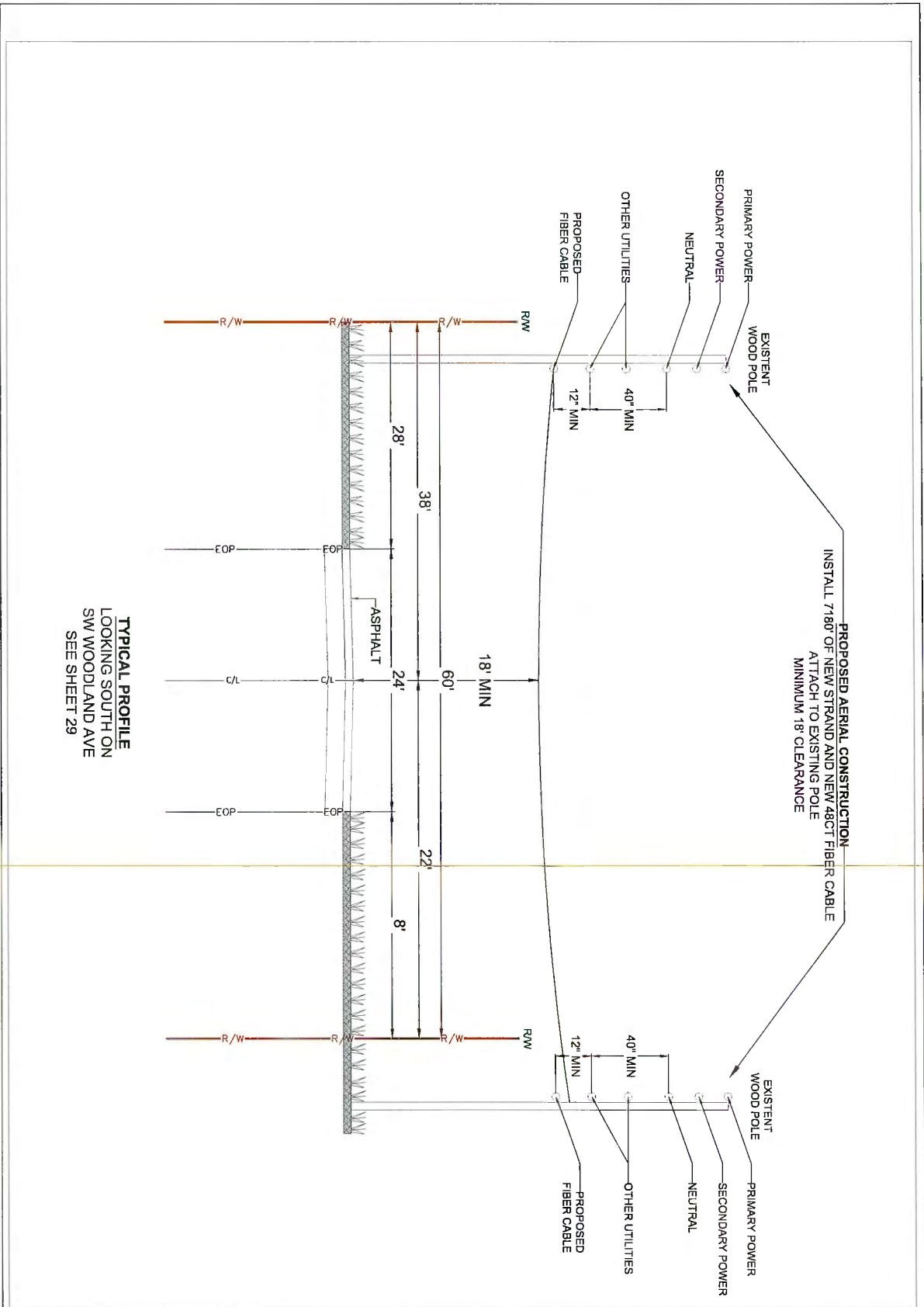
300 SW WOODLAND AVE. SUITE 100, CORAL GABLES, FL 33134

75' 17E 30'

300002140256

TYPICAL PROFILE

SHEET 37 OF 51





811



Mastec
Communications Group

800 S. DOUGLAS ROAD, 10TH
CORP. OFFICE, FL 33134
(407) 351-1841
EMAIL: INFO@COMM.MASTEC.COM



COMCAST
OUTSIDE PLANT CONSTRUCTION

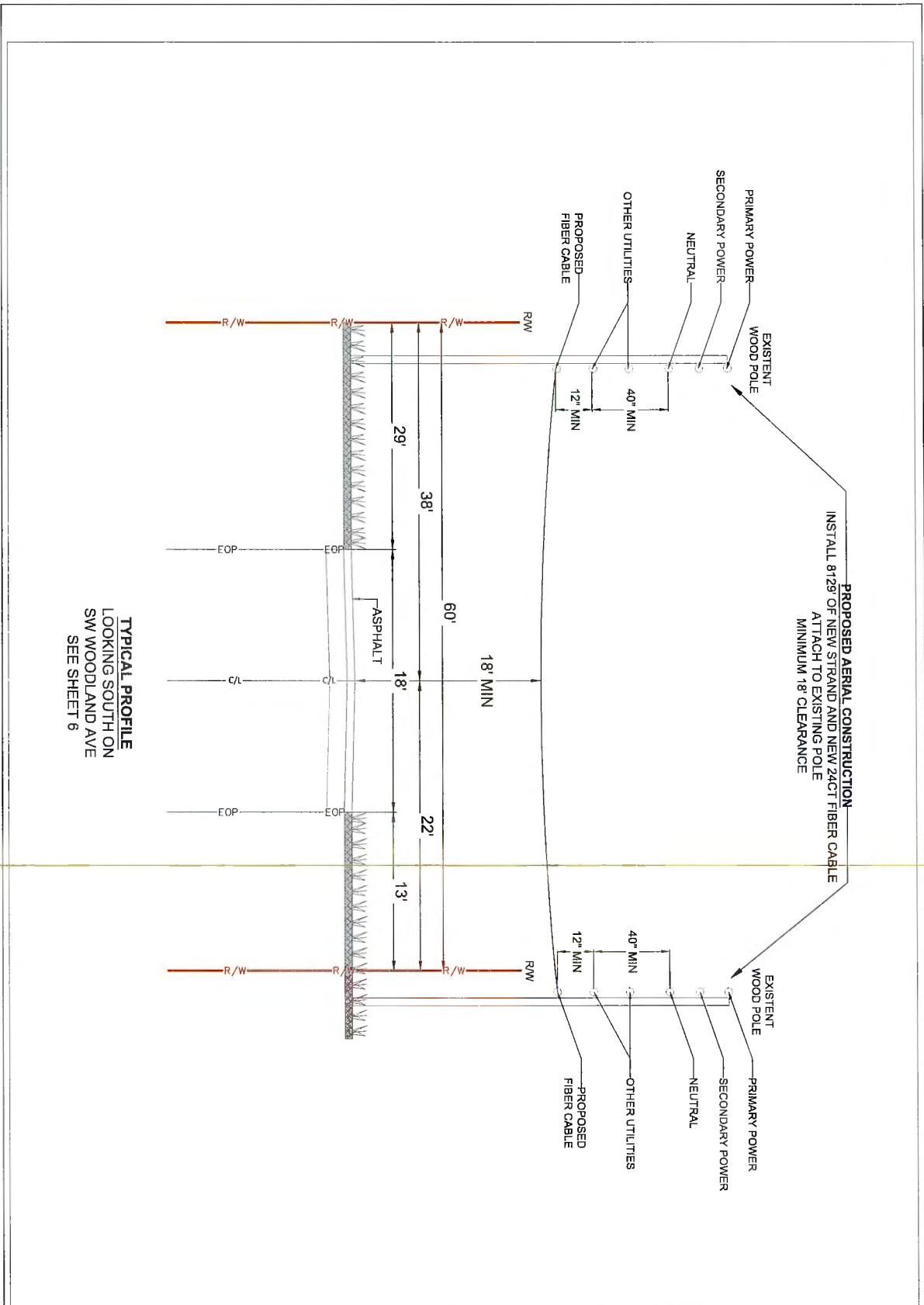
FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLCT00N00

NO.	DATE	DESCRIPTION	BY
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OWNER	FLCT00N00
DESIGNER	MASTEC
CONTRACT	FLCT00N00
LOCATION	COLUMBIA
ADDRESS	200 SW WOODLAND AVE, PORT WHITE, FL 32088
SCALE	1"=10'
DATE	12/10/2023
PROJECT	FLCT00N00
DATE	12/10/2023
PROJECT	FLCT00N00

SHEET 38 OF 51

TYPICAL PROFILE





COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLLCT00N00



811
Mastec
Communications Group

REVISION		DATE	DESCRIPTION	BY
1	12/10/2025	NTS		

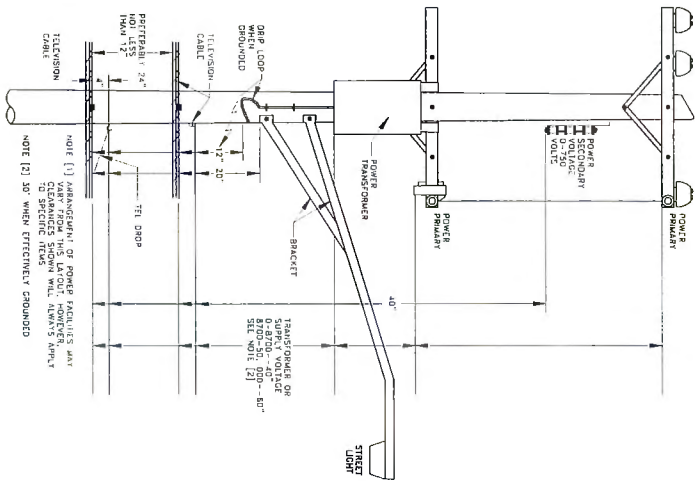
DATE: 12/10/2025		SCALE: NTS
DRAWING BY: MASTEC		
PROJECT NAME: FLLCT00N00		
CITY: COLUMBIA		
ADDRESS: 800 S DOUGLAS ROAD, 10TH FLOOR, SUITE 1010, COLUMBIA, MO 65101		
PHONE: (616) 201-1441		
FAX: (616) 201-1441		
E-MAIL: EPC@MASTEC.COM		

SHEET 40 OF 51	
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CONSTRUCTION TYPICALS

MINIMUM AERIAL CLEARANCE - NESC

MINIMUM CLEARANCES AND SEPARATIONS OF POWER AND TELEPHONE FACILITIES CARRIED ON THE SAME POLE
[BASED ON NESC]



MINIMUM CLEARANCE ABOVE GROUND FOR TELEPHONE FACILITIES		
ITEM	URBAN FEET	RURAL FEET
WHERE CABLES, GUTS, LINE OR DROP WIRES RUN ALONG AND WITHIN THE LIMITS OF:		
[A] PUBLIC HIGHWAYS, STREETS & ROADS	18	14
[B] PUBLIC ALLEYS	15	--
[C] WAYS ACCESSIBLE TO PEDESTRIANS ONLY	8	8
WHERE CABLES, GUTS, LINE OR DROP WIRES CROSS OVER PRIVATE PROPERTY OR GROUND:		
[A] ACCESSIBLE TO PEDESTRIANS ONLY	8	8
[B] ACCESSIBLE TO PEOPLE OR HORSES OR LOADED FARM VEHICLES	--	*18
WHERE CABLES, GUTS, LINE OR DROP WIRES CROSS OVER:		
[A] PUBLIC HIGHWAYS, STREETS & ROADS	18	18
[B] PUBLIC ALLEYS	*15	*15
[C] DRIVEWAYS IN GENERAL UNLESS HEIGHT OF CABLES, GUTS, LINE OR EQUIPMENT USING DRIVE REQUIRES EXTRA CLEARANCE	*15	*15
[D] DRIVEWAYS--RESIDENTIAL GARAGES	10	10
[E] WAYS ACCESSIBLE TO PEDESTRIANS ONLY	8	8
[F] OBSTACLES (BILLBOARDS, ROOFS)	2	2
[G] LINES WHICH MAY BE USED BY TOWER WORKERS	8	8
[H] RAILROADS--CABLE OR WIRE	27	27
[I] INTERSTATE ROADS	24	24
[J] WATERWAYS (RIVERS, CANALS, ETC.), PROVIDED CLEARANCE SPECIFICALLY PROVIDED FOR WATERWAYS AND ON WORK PLANS		

*SECURE ADDITIONAL CLEARANCE ON NEW CONSTRUCTION WHEN WARRANTED AT SPECIFIC LOCATIONS

NOTE [1] ARRANGEMENT OF POWER FACILITIES MAY VARY FROM THIS LAYOUT, HOWEVER, ALL MUST COMPLY WITH NESC.
NOTE [2] 30' WHEN EFFECTIVELY GROUND

MINIMUM CLEARANCES IN FEET AT CROSSINGS OF WIRES AND CABLES CARRIED ON DIFFERENT SUPPORTS			
TYPE OF CROSSING WIRES AND CABLES	TELEPHONE, OPEN WIRES, CABLES, MESSANGER, DROPS AND GUTS	CROSSING UNDER	CROSSING OVER
OPEN SUPPLY WIRES 0-750 VOLTS AND SUPPLY CABLES HAVING EFFECTIVELY GROUND SHEATH OR MESSANGER - ALL VOLTAGES			
[A] LINE WIRES	4	not USP practice	4
[B] SERVICE WIRES	2		
OPEN SUPPLY, LINE OR SERVICE WIRES			
[A] 750-8700 VOLTS	*6	4	not USP practice
[B] 8700-50000 VOLTS	6	6	
FOREIGN GUTS, SPAN WIRES, LIGHTNING PROTECTION WIRES	2		2
FOREIGN COMMUNICATION WIRES, CABLES AND FIRE ALARM WIRES	2		2
TROLLEY CONTACT CONDUCTORS			
[A] 750 VOLTS OR LESS	--	4	
[B] 750-8700 VOLTS	--	6	
CLEARANCE FOR [A] MAY BE REDUCED TO 4 FEET IF CROSSING IS MORE THAN 6' FROM COMMUNICATION POLE			

NOTE: THE ABOVE CLEARANCES APPLY WHERE THE CROSSING SPAN LENGTH OF THE UPPER CONDUCTOR OR WIRE DOES NOT EXCEED 175 FEET. FOR GREATER SPAN LENGTHS, INCREASE CLEARANCE IN ACCORDANCE WITH NESC.

MINIMUM HORIZONTAL CLEARANCE OF POLES FROM OTHER OBJECTS	
OBJECT	MINIMUM CLEARANCE
POWER HYDRANTS	NOT LESS THAN 3 FEET--4 FEET RECOMMENDED
CURBS	6 INCHES MEASURED TO STREET SIDE OF CURB, 2 FEET MEASURED TO STREET SIDE OF CURB.
RAILROAD TRACKS	12 FEET MEASURED TO NEAREST RAIL.



Mastec
Communications Group
808 S. DODD AVE. SUITE 100
COLUMBIA, MO 65201
TEL: 314-441-1000
FAX: 314-441-1001
WWW.MASTEC.COM

COMCAST
OUTSIDE PLANT CONSTRUCTION

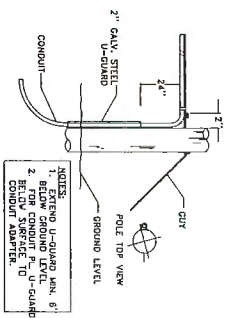
FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLCT00N00

NO.	DATE	DESCRIPTION	BY
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CONSTRUCTION TYPICALS

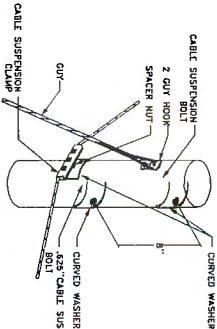
TYPICAL DETAIL "A"

POLE ARRANGEMENT FOR
AERIAL TO BURIED



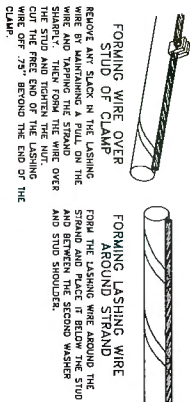
TYPICAL DETAIL "D"

SUSPENSION STRAND - PULL TOWARD
POLE - LESS THAN 5 FEET



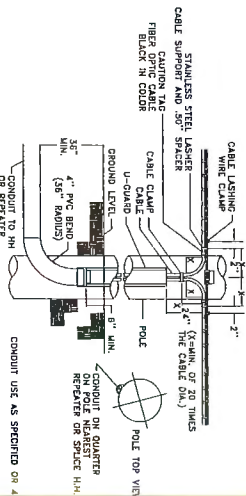
TYPICAL DETAIL "G"

JOINING 045 LASHING WIRE



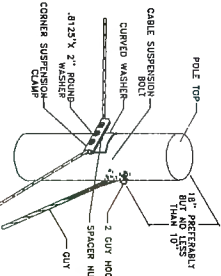
TYPICAL DETAIL "B"

POLE ARRANGEMENT FOR REPEATER
OR HANDHOLE LOCATION



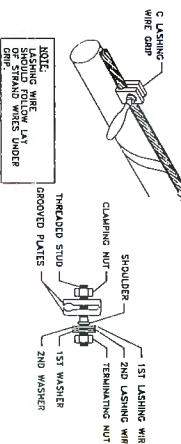
TYPICAL DETAIL "E"

SUSPENSION STRAND - PULL AWAY
FROM POLE - 5 FEET OR MORE



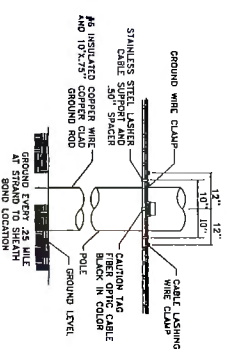
TYPICAL DETAIL "H"

ASHING WIRE GRIP AND CLAMP



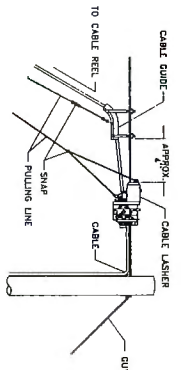
TYPICAL DETAIL "C"

TYPICAL CABLE & HARDWARE
INSTALLATION



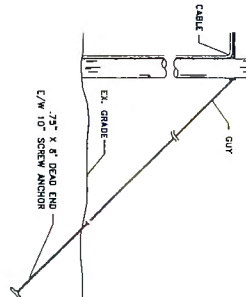
TYPICAL DETAIL "F"

TYPICAL ARRANGEMENT OF
CABLE LASHER AND CABLE GUIDE



TYPICAL DETAIL "I"

ANCHOR & DOWN GUY

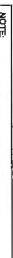
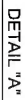


Mastec
Communications Group
800 S. DODGERS BLVD., 10TH
FLOOR, CORAL GABLES, FL 33134
(407) 381-8441
ERIC.THOMPSON@MASTEC.COM

COMCAST
OUTSIDE PLANT CONSTRUCTION
FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLCT00N00

REVISION	DATE	DESCRIPTION	BY
1	12/10/2025	NTS	
2	12/10/2025	MASTEC	
3	12/10/2025	FLCT00N00	
4	12/10/2025	COLUMBIA	
5	12/10/2025	300 S. DODGERS BLVD. 10TH FLOOR, CORAL GABLES, FL 33134	
6	12/10/2025	75	
7	12/10/2025	17E	
8	12/10/2025	30	
9	12/10/2025	AS TYPICALS	
10	12/10/2025	SHEET 42 OF 51	

DETAIL - SLACK STORAGE AT A SPLICE

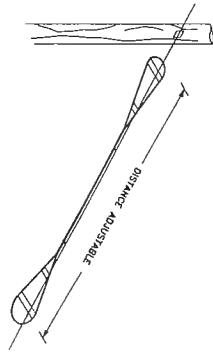


p. 370

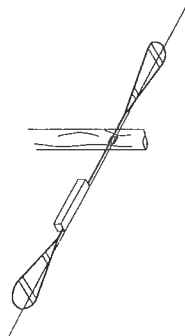
CONSTRUCTION TYPICALS

CABLE SLACK STORAGE DETAILS

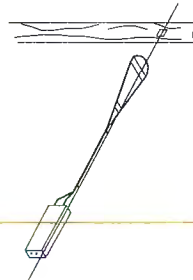
TYPICAL DETAIL "A"
RESERVE CABLE LENGTH
STRAND STORAGE APPLICATION



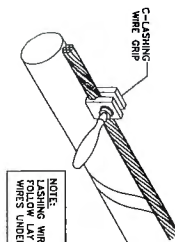
TYPICAL DETAIL "B"
IN-LINE SPLICE APPLICATION



TYPICAL DETAIL "C"
BUTT SPLICE APPLICATION

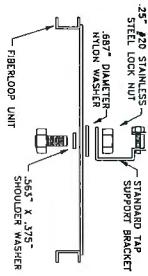


TYPICAL DETAIL "D"
LASHING WIRE GRIP AND CLAMP C-LASHING
WIRE GRIP INSTALLED ON STRAND

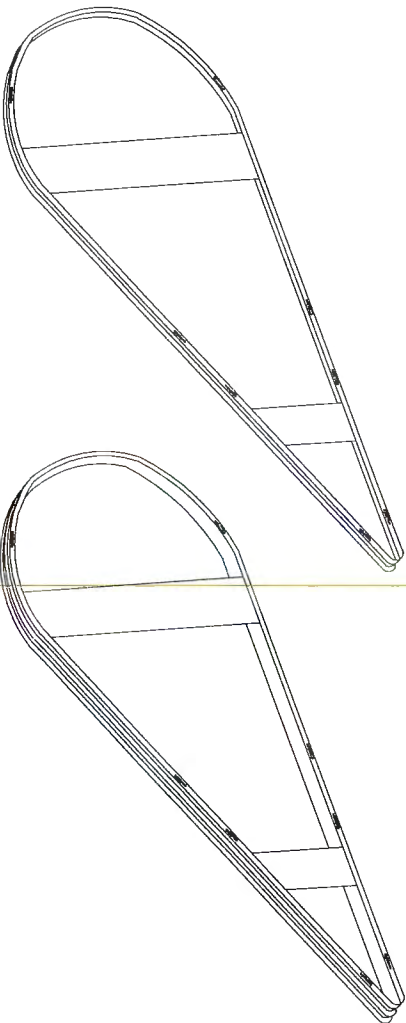


NOTE:
LASHING WIRE SHOULD
BE INSTALLED UNDER
WIRE GRIP.

TYPICAL DETAIL "E"
HARDWARE KIT



TYPICAL DETAIL "F"
SINGLE & DOUBLE FIBER LOOPS



Mastec
Communications Group
800 S. DODD ROAD, 10TH
CORP. CAMPUS, FL 33134
(407) 331-8414
EMAIL: INFO@MASTEC.COM

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OUTSIDE PLANT CONSTRUCTION

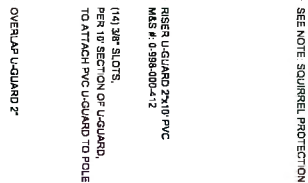
FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLLCT00N00

REVISION	DATE	DESCRIPTION	BY
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RISER DETAIL



RISER DETAIL





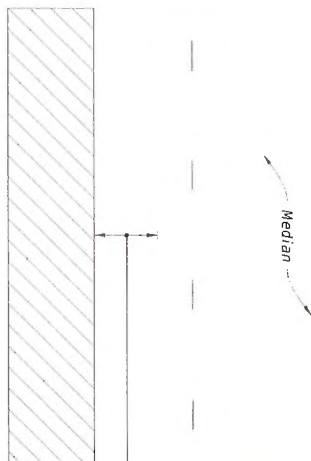
Mastec
Communications Group
800 S. DODD RD., 10TH
FLOOR, SUITE 1110
COLUMBIA, SC 29204
(803) 761-1441
EMAIL: T-OW@MSTEC.COM

COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLLCT00N00

REVISION	#	DATE	DESCRIPTION	BY
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51	12/10/2025	NTS	WORK	

PROJECT	TRAFFIC CONTROL
SHEET	46 OF 51



Offset Zone:
a. Behind an existing barrier,
b. More than 2' behind the curb,
c. 15' or more from the traveled way.

NOTES:

1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work beyond the shoulder.
2. Use Index 102-602 when the work operation (excluding establishing and terminating the work area) requires that two or more work vehicles cross the Offset Zone in any one hour period.
3. Use Index 102-660 when Work Area encroaches a Sidewalk.

SYMBOLS:

Work Area
Lane Identification and Direction of Traffic

MULTILANE ROADWAY SHOWN, TWO-LANE ROADWAY SIMILAR

NOTE:

1. This Index applies to Two-Lane, Two-Way and Multi-Lane Roadways, including Medians of divided roadways, with work on the shoulder.

2. L = Taper Length

X = Work Zone Sign Spacing

B = Buffer Length

See Index 102-600 for "L", "X", "B", and Channelizing device spacing values.

3. Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.

4. When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.

5. For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.

6. The "Speeding Fines Doubled When Workers Present" signs (W07-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.

7. Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.

8. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.

9. When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

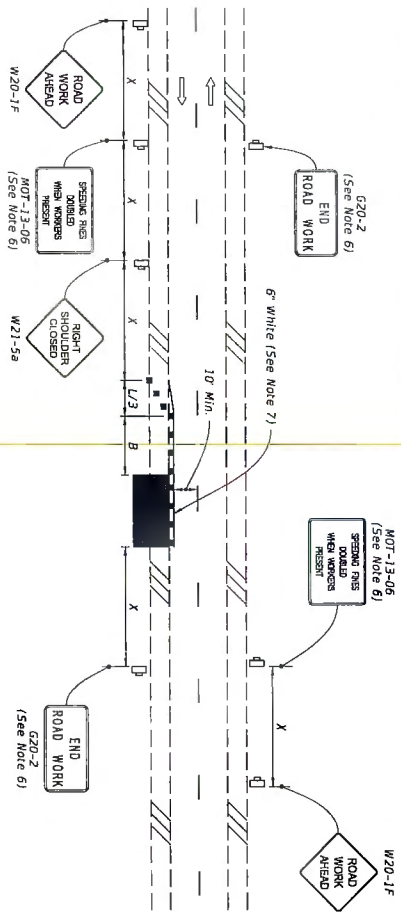
SYMBOLS:

Work Area

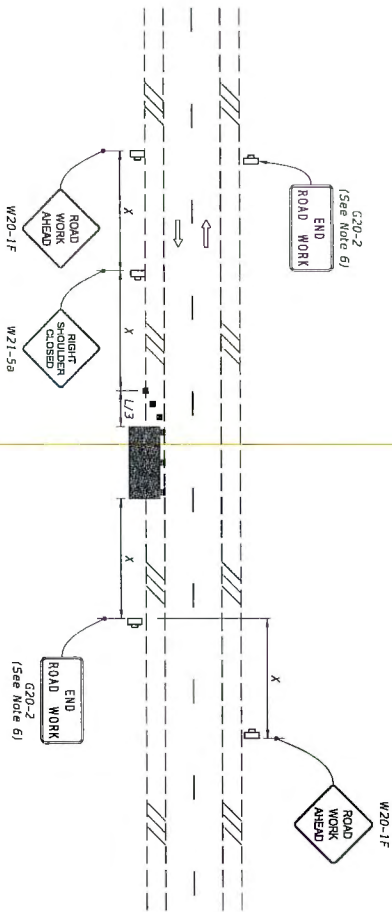
Channelizing Device (See Index 102-600)

Work Zone Sign

Lane Identification and Direction of Traffic



**TWO-LANE ROADWAY
WITH WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS**



**TWO-LANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY**



Mastec
Communications Group

805 S. COUGLAS ROAD, 10TH
FLOOR, GAINESVILLE, FL 32609
(817) 351-1841
EMC: INFO@MSTEC.COM

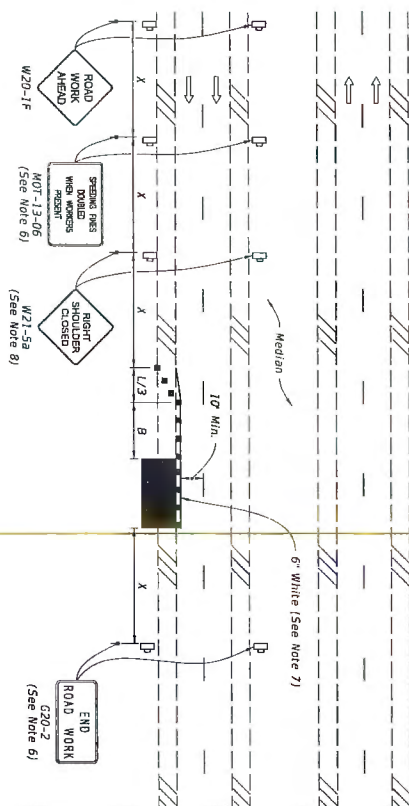


OUTSIDE PLANT CONSTRUCTION

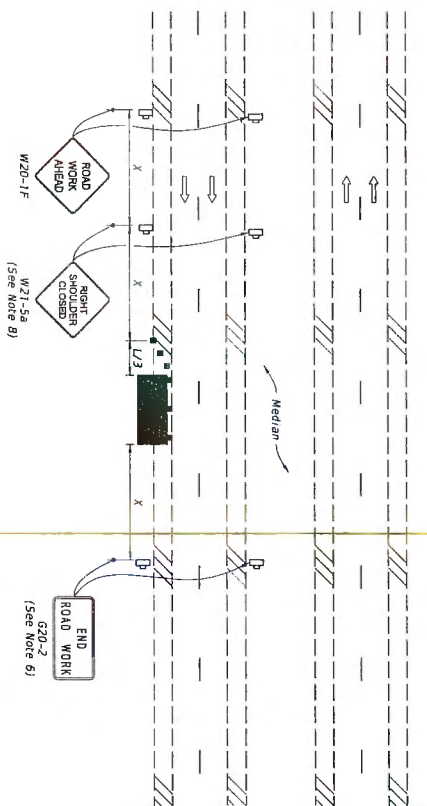
FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLCT00N00

REVISION	DATE	DESCRIPTION	BY
1	12/10/2025	ROUTE	NTS
2	12/10/2025	ROUTE	NTS
3	12/10/2025	ROUTE	NTS
4	12/10/2025	ROUTE	NTS
5	12/10/2025	ROUTE	NTS
6	12/10/2025	ROUTE	NTS
7	12/10/2025	ROUTE	NTS
8	12/10/2025	ROUTE	NTS
9	12/10/2025	ROUTE	NTS
10	12/10/2025	ROUTE	NTS
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12	12/10/2025	ROUTE	NTS
13	12/10/2025	ROUTE	NTS
14	12/10/2025	ROUTE	NTS
15	12/10/2025	ROUTE	NTS
16	12/10/2025	ROUTE	NTS
17	12/10/2025	ROUTE	NTS
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31	12/10/2025	ROUTE	NTS
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33	12/10/2025	ROUTE	NTS
34	12/10/2025	ROUTE	NTS
35	12/10/2025	ROUTE	NTS
36	12/10/2025	ROUTE	NTS
37	12/10/2025	ROUTE	NTS
38	12/10/2025	ROUTE	NTS
39	12/10/2025	ROUTE	NTS
40	12/10/2025	ROUTE	NTS
41	12/10/2025	ROUTE	NTS
42	12/10/2025	ROUTE	NTS
43	12/10/2025	ROUTE	NTS
44	12/10/2025	ROUTE	NTS
45	12/10/2025	ROUTE	NTS
46	12/10/2025	ROUTE	NTS
47	12/10/2025	ROUTE	NTS
48	12/10/2025	ROUTE	NTS
49	12/10/2025	ROUTE	NTS
50	12/10/2025	ROUTE	NTS
51	12/10/2025	ROUTE	NTS

- SYMBOLS:**
- Work Area
 - Channelizing Device (See Index 102-500)
 - Work Zone Sign
 - Lane Identification and Direction of Traffic



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



Mastec
Communications Group
800 S. DODD ST. ROAD 1074
RICHMOND, VA 23134
COPR. 2004-2014
ERIC.TOWNSHIP@MASTEC.COM

COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLCT00N00

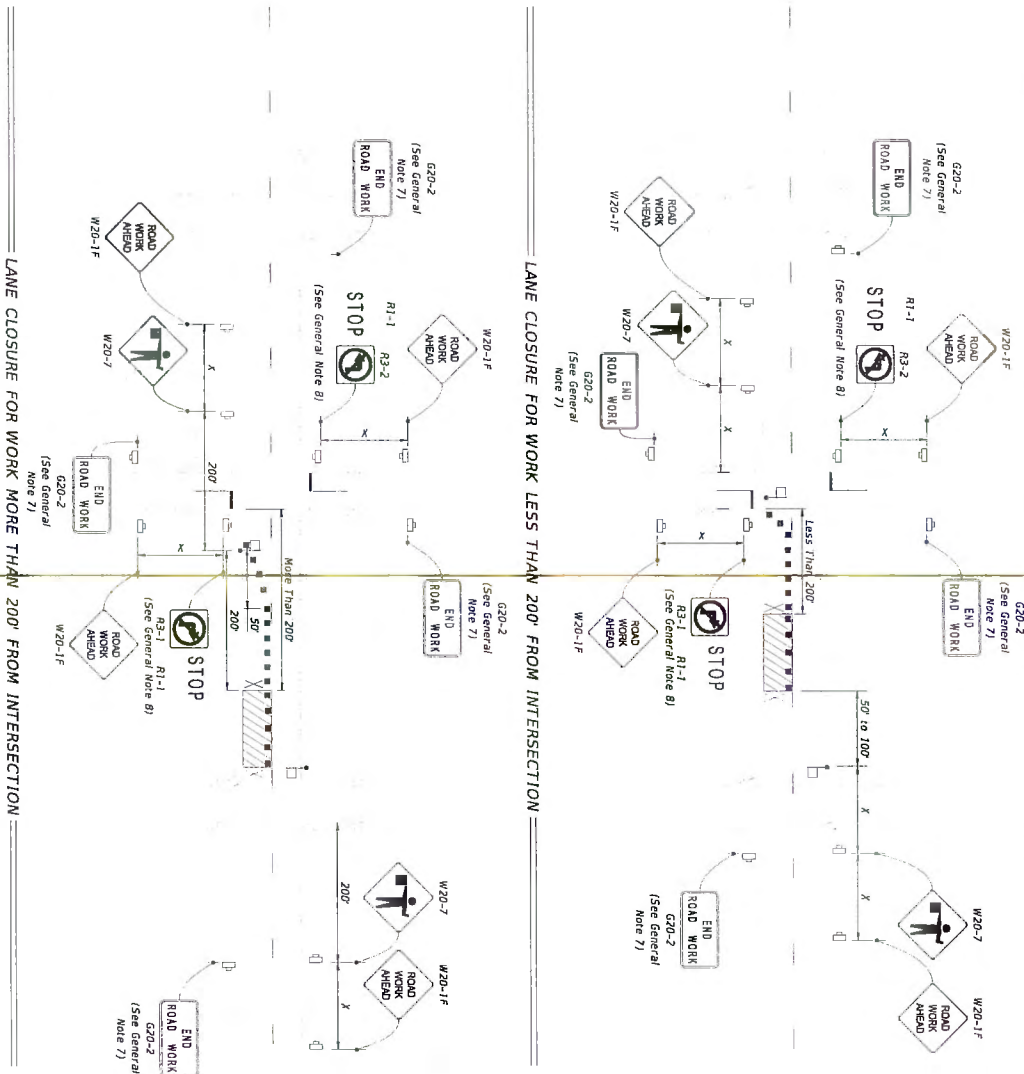
REVISION	DATE	DESCRIPTION	BY
1	12/10/2025	NTS	
2	12/10/2025	MASTEC	
3	12/10/2025	FLCT00N00	
4	12/10/2025	FLCT00N00	
5	12/10/2025	FLCT00N00	
6	12/10/2025	FLCT00N00	
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41	12/10/2025	FLCT00N00	
42	12/10/2025	FLCT00N00	
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49	12/10/2025	FLCT00N00	
50	12/10/2025	FLCT00N00	
51	12/10/2025	FLCT00N00	

GENERAL NOTES:

1. This Index applies to two-lane, two-way roadways with work within or near the intersection.
2. X = Work Zone Sign Spacing
See Index 102-600 for "X" and channelizing device spacing values.
3. Optionally, use "Flagger Ahead" sign with text (W20-7A) instead of "Flagger Ahead" sign with symbol (W20-7).
If vehicles in a parking zone block the line of sight to TCZ signs, locate and post mount signs in accordance with Index 700-101.
4. If the work area extends across a crosswalk, close the crosswalk in accordance with Index 102-660.
5. For unsignalized intersections, use Temporary Raised Rumble Strips in accordance with Index 102-503. Placement of Rumble Strips and additional signs should begin at FLAGGER sign location.
6. The "End Road Work" signs (G20-2) along with the associated work zone sign distances may be omitted when the work zone will be in place for 24 hours or less.
7. As an option to the "STOP" sign (R1-1) and Rectangular Road Work Ahead sign (R3-2), the "SIDE ROAD INTERSECTING THE WORK ZONE" flagging operation from Index 102-600 may be used.

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Type III Barricade
- Stop Bar
- Flagger
- Lane Identification and Direction of Traffic



REVISION	DATE	DESCRIPTION	BY
1	12/10/2025	NTS	
2	12/10/2025	NTS	
3	12/10/2025	NTS	
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51	12/10/2025	NTS	

COMCAST
OUTSIDE PLANT CONSTRUCTION

FIBER OPTIC CABLE ROUTE
PROJECT NAME: FLCT00N00

Mastec
Communications Group

603 S. DODD ROAD, 10TH
CORP. OFFICE, R. 3113A
NORTON, MA 01946
ERIC@MASTEC.COM

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