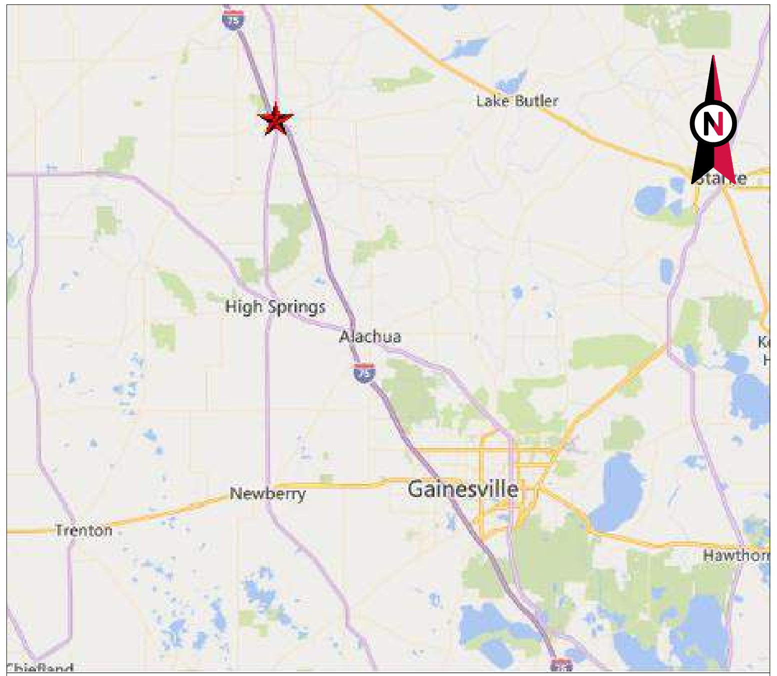
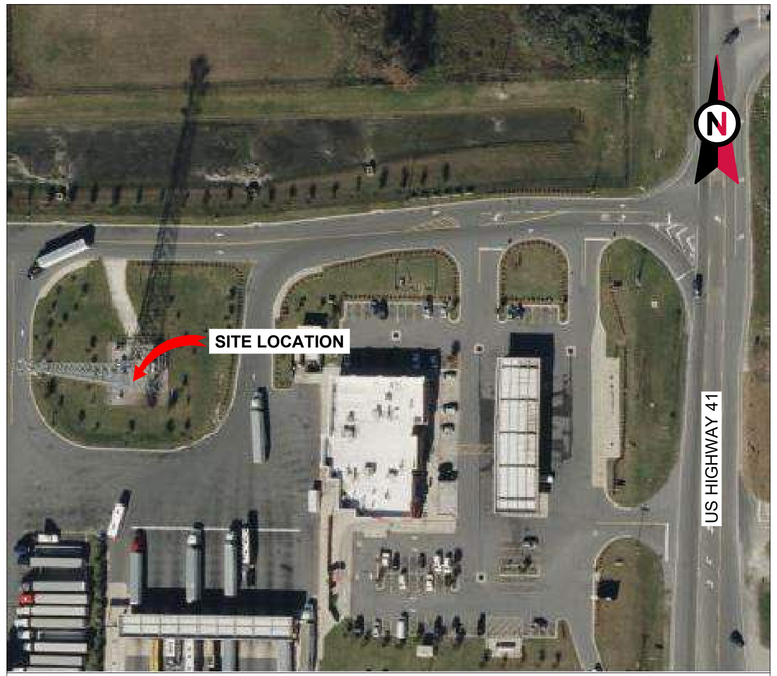


VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: ELLISVILLE FL
ATC SITE NUMBER: 2544
VERIZON SITE NAME: ELLISVILLE A
VERIZON SITE NUMBER: 5000077929
VERIZON FUZE PID: 16500138
SITE ADDRESS: US HIGHWAY 41
LAKE CITY,FL 32025



LOCATION MAP

VERIZON AMENDMENT DRAWINGS

COMPLIANCE CODE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

2021 IBC
NATIONAL ELECTRICAL CODE (NFPA 70, NEC 2020)
2023 FLORIDA BUILDING CODE, MECHANICAL, 8TH EDITION (IMC 2021 W/ AMND)
2023 FLORIDA BUILDING CODE, PLUMBING, 8TH EDITION (IPC 2021 W/ AMND)
2023 FLORIDA BUILDING CODE, ENERGY CONSERVATION, 8TH EDITION (IECC 2021 W/ AMND)
2023 FLORIDA FIRE PREVENTION CODE, 8TH EDITION (NFPA 1, 2021 W/ AMND)
2023 FLORIDA BUILDING CODE, EXISTING BUILDING, 8TH EDITION (IEBC 2021 W/ AMND)
8TH ED (2023) FLORIDA BUILDING CODE
2023 FLORIDA BUILDING CODE, RESIDENTIAL, 8TH EDITION (IRC 2021 W/ AMND)
2023 FLORIDA BUILDING CODE, FUEL GAS, 8TH EDITION (IFGC 2018 W/ AMND)

UTILITY COMPANIES

POWER COMPANY: CLAY ELECTRIC COOPERATIVE, INC
PHONE: (352) 473-4917

TELEPHONE COMPANY: UNKNOWN
PHONE: N/A

811
Know what's below.
Call before you dig.

PROJECT SUMMARY

SITE ADDRESS:

US HIGHWAY 41
LAKE CITY,FL 32025
COUNTY: COLUMBIA

REGISTERED COORDINATES:

LATITUDE: 30.00278888
30° 0' 10.04" N
LONGITUDE: -82.59924722
82° 35' 57.29" W
GROUND ELEVATION: 66' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS

ENGINEER:

ATC TOWER SERVICES, LLC
1 FENTON MAIN, STE 300
CARY, NC 27511

PROPERTY OWNER:

GEORGE W. HUNTER
REVOCABLE TRUST
US HIGHWAY 41
LAKE CITY,FL 32025

PROJECT DESCRIPTION

THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:

TOWER WORK:
INSTALL MOUNT MODIFICATIONS, (3) ANTENNA(s), (1) OVP(s), AND (1) 1.43" 6X12 HYBRID CABLE(s)
EXISTING (6) ANTENNA(s), (1) MW DISH, (2) ODU(s), (6) RRH(s), (1) OVP(s), AND (2) 0.41" COAX AND (2) 1.43" 6X12 HYBRID CABLE(s) TO REMAIN

PROJECT NOTES

1. THE FACILITY IS UNMANNED.
2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE.
3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE.
4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED.
5. HANDICAP ACCESS IS NOT REQUIRED.
6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).

PROJECT LOCATION DIRECTIONS

IN FL. AND I-75: TAKE EXIT 414 AND TURN LEFT. TRAVEL JUST PAST THE FIRST GAS STATION AND TURN LEFT TO TOWER.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	10/29/2024	EDNA
G-002	GENERAL NOTES	0	10/29/2024	EDNA
C-001	EXISTING SURVEY			
C-101	DETAILED SITE PLAN	0	10/29/2024	EDNA
C-201	TOWER ELEVATION	0	10/29/2024	EDNA
C-401	ANTENNA INFORMATION & SCHEDULE	0	10/29/2024	EDNA
C-501	CONSTRUCTION DETAILS	0	10/29/2024	EDNA
E-501	GROUNDING DETAILS	0	10/29/2024	EDNA
	SUPPLEMENTAL SHEETS (1 PAGE)			

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT:	HTTPS://PMI.VZWSMART.COM
SMART TOOL VENDOR PROJECT NUMBER:	10252782
VZW LOCATION CODE (PSLC):	5000077929

***PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED:	YES
VZW APPROVED SMART KIT VENDORS:	REFER TO MOUNT MODIFICATION DRAWINGS PAGES FOR VZW SMART KIT APPROVED VENDORS

AMERICAN TOWER®
ATC TOWER SERVICES, LLC
1 FENTON MAIN
SUITE 300
CARY, NC 27511
PHONE: (919) 468-0112
9053

THE USE AND PUBLICATION OF THESE DRAWINGS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OR THE SPECIFIED CARRIER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION.

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	EDNA	10/29/2024

ATC SITE NUMBER:
2544
ATC SITE NAME:
ELLISVILLE FL
VERIZON SITE NAME:
ELLISVILLE A
SITE ADDRESS:
US HIGHWAY 41
LAKE CITY,FL 32025

SEAL:

SCOTT FLETCHER
No. 84581

Scott Fletcher
Digitally signed by Scott Fletcher
Date: 2024.10.29 15:41:58 -04'00'

verizon

ATC JOB NO:	14859902_G0
CUSTOMER ID:	ELLISVILLE A
CUSTOMER #:	5000077929

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
    - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
    - B. AC/TELCO INTERFACE BOX (PPC)
    - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
    - D. TOWERS, MONOPOLES
    - E. TOWER LIGHTING
    - F. GENERATORS & LIQUID PROPANE TANK
    - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
    - H. ANTENNAS (INSTALLED BY OTHERS)
    - I. TRANSMISSION LINE
    - J. TRANSMISSION LINE JUMPERS
    - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
    - L. TRANSMISSION LINE GROUND KITS
    - M. HANGERS
    - N. HOISTING GRIPS
    - O. BTS EQUIPMENT

2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.

3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.

4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.

5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.

6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.

7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.

8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.

9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.

11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.

12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.

13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.

14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.

15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.

16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.

17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.

18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.

19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.

20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.

21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.

22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.

23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.

24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.

26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.

27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.

28. WHEN THE PROJECT SCOPE REQUIRES THE USE OF THE SAFETY CLIMB, THE GENERAL CONTRACTOR SHALL ENSURE THE SAFETY CLIMB IS FREE OF OBSTRUCTIONS, NOT RUBBING ON OR TRAPPED BY ANY INSTALLED CUSTOMER EQUIPMENT, IS VISUALLY TAUT, MEETS MANUFACTURER INSTALLATION SPECIFICATIONS, AND IS FIRMLY SECURED AT ALL CABLE GUIDE LOCATIONS UPON PROJECT COMPLETION.

29. COMPLETION OF PROJECT SHALL NOT OBSTRUCT, TRAP, LOOSEN, OR OTHERWISE CAUSE FAILURE TO MEET MANUFACTURER INSTALLATION REQUIREMENTS FOR THE SAFETY CLIMB.

30. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.

31. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.

32. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE VERIZON REP. ANY WORK FOUND BY THE VERIZON REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.

33. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.

34. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.

35. VERIZON OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO VERIZON OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION
ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
    - A. ANTENNA AND COAXIAL/HYBRID CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL.
    - B. INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND VERIZON SPECIFICATIONS.
    - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.
    - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
    - E. INSTALL COAXIAL/HYBRID CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL/HYBRID CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.

2. ANTENNA AND COAXIAL/HYBRID CABLE GROUNDING:
    - A. ALL EXTERIOR #6 GREEN GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.
    - B. ALL COAXIAL/HYBRID CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL/HYBRID CABLE (NOT WITHIN BENDS)

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

AMERICAN TOWER®

ATC TOWER SERVICES, LLC
1 FENTON MAIN
SUITE 300
CARY, NC 27511
PHONE: (919) 468-0112
9053

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	EDNA	10/29/2024

ATC SITE NUMBER:
2544
ATC SITE NAME:
ELLISVILLE FL
VERIZON SITE NAME:
ELLISVILLE A
SITE ADDRESS:
US HIGHWAY 41
LAKE CITY,FL 32025

SEAL:

SCOTT FLETCHER
No. 84581

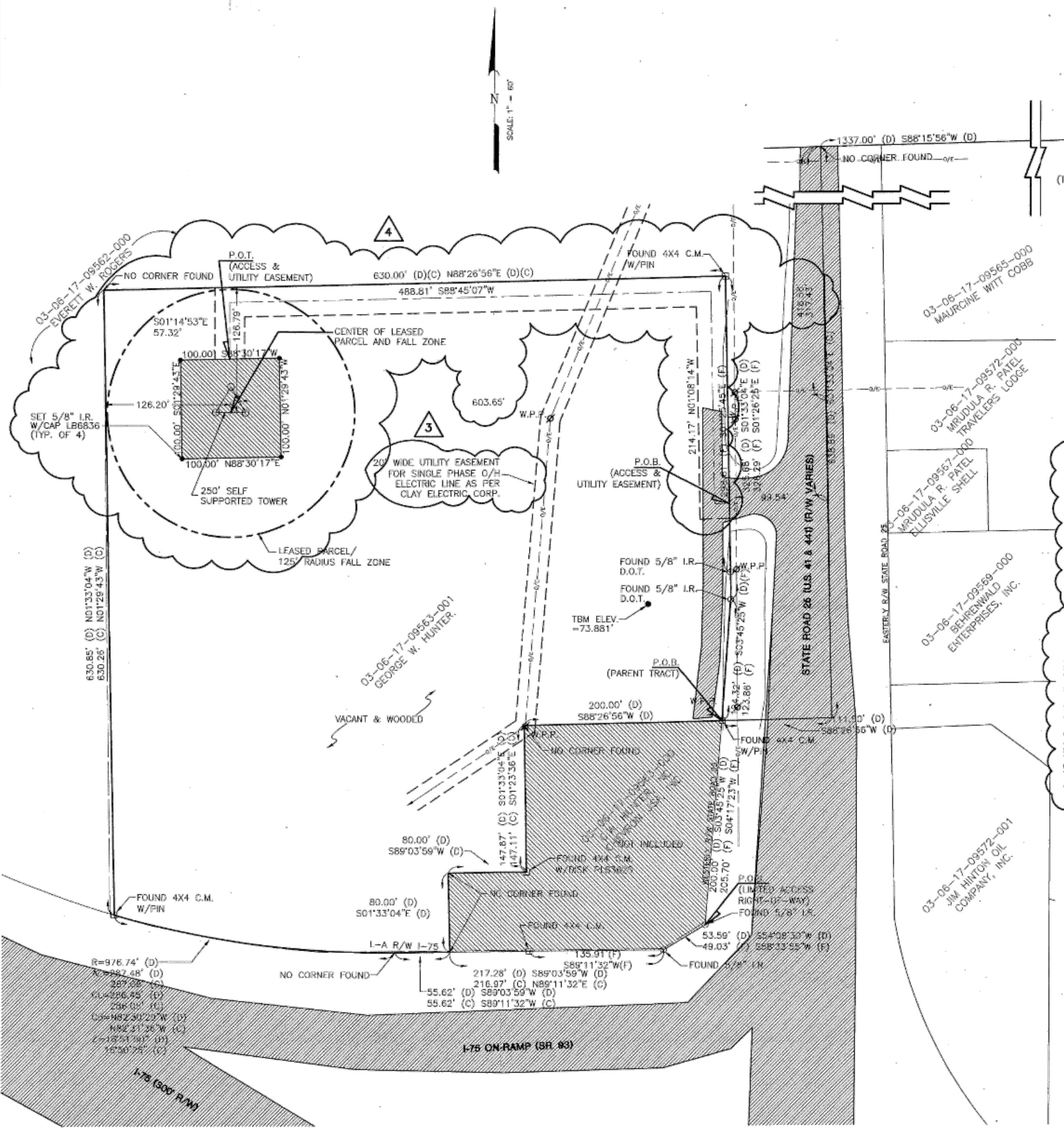
Digitally Signed: 2024-10-29

verizon✓

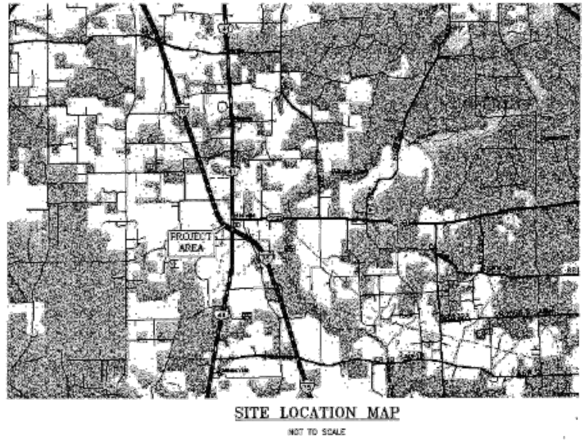
ATC JOB NO:	14859902_G0
CUSTOMER ID:	ELLISVILLE A
CUSTOMER #:	5000077929

GENERAL NOTES

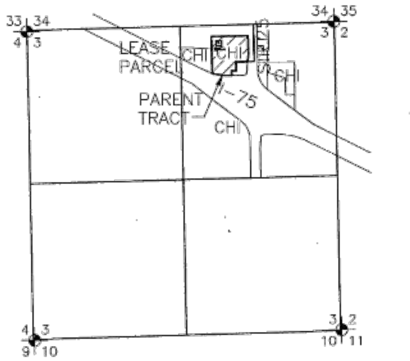
SHEET NUMBER:	REVISION:
G-002	0


N
SCALE: 1" = 60'
1337.00' (D) S88°15'56"W (D)
NO CORNER FOUND
34 | 35
3 | 2
P.O.C.
(PARENT TRACT)
(LEASE PARCEL)
(TOWER SETBACK RADIUS
(ACCESS &
UTILITY EASEMENT)
03-06-17-09562-000
EVERETT W. ROGERS
NO CORNER FOUND
P.O.T.
(ACCESS &
UTILITY EASEMENT)
630.00' (D)(C) N88°26'56"E (D)(C)
488.81' S88°45'07"W
FOUND 4X4 C.M.
W/PIN
S01°14'53"E
57.32'
126.79'
CENTER OF LEASED
PARCEL AND FALL ZONE
100.00' S88°30'17"W
100.00' S01°29'43"E
100.00' N01°29'43"W
100.00' N88°30'17"E
126.20'
SET 5/8" I.R.
W/CAP LB6836
(TYP. OF 4)
250' SELF
SUPPORTED TOWER
LEASED PARCEL/
125' RADIUS FALL ZONE
603.65'
W.P.P.
20' WIDE UTILITY EASEMENT
FOR SINGLE PHASE O/H
ELECTRIC LINE AS PER
CLAY ELECTRIC CORP.
214.17' N01°08'14"W
P.O.B.
(ACCESS &
UTILITY EASEMENT)
89.54'
325.68' (D) S01°33'04"E (D)
326.29' (F) S01°26'25"E (F)
418.58'
317.43'
638.89'
STATE ROAD 25 (U.S. 41 & 441) (R/W VARIES)
EASTERLY R/W STATE ROAD 25
03-06-17-09565-000
MAURCINE WITT COBB
03-06-17-09572-000
MRUDULA R. PATEL
TRAVELERS LODGE
03-06-17-09567-000
MRUDULA R. PATEL
ELLISVILLE SHELL
03-06-17-09569-000
BEHRENWALD
ENTERPRISES, INC.
03-06-17-09572-001
JIM HINTON OIL
COMPANY, INC.
FOUND 5/8" I.R.
D.O.T.
FOUND 5/8" I.R.
D.O.T.
W.P.P.
TBM ELEV.
=73.881'
S03°45'25"W (D)(F)
630.85' (D) N01°33'04"W (D)
630.26' (C) N01°29'43"W (C)
03-06-17-09563-001
GEORGE W. HUNTER
VACANT & WOODED
P.O.B.
(PARENT TRACT)
124.32' (D)
123.86' (F)
200.00' (D)
S88°26'56"W (D)
111.50' (D)
S88°26'56"W (D)
W.P.P.
NO CORNER FOUND
FOUND 4X4 C.M.
W/PIN
147.87' (D) S01°33'04"E (D)
147.11' (C) S01°23'36"E (C)
NOT INCLUDED
WESTERLY R/W STATE ROAD 25
200.00' (D) S03°45'25"W (D)
205.70' (F) S04°17'23"W (F)
80.00' (D)
S89°03'59"W (D)
FOUND 4X4 C.M.
W/DISK PLS3625
NO CORNER FOUND
80.00' (D)
S01°33'04"E (D)
P.O.B.
(LIMITED ACCESS
RIGHT-OF-WAY)
FOUND 5/8" I.R.
FOUND 4X4 C.M.
FOUND 4X4 C.M.
W/PIN
L-A R/W I-75
53.59' (D) S54°08'30"W (D)
49.03' (F) S58°33'55"W (F)
135.91' (F)
S89°11'32"W(F)
FOUND 5/8" I.R.
R=976.74' (D)
A=287.48' (D)
287.08' (C)
CL=286.45' (D)
286.07' (C)
CB=N82°30'29"W (D)
N82°31'26"W (C)
Δ=16°51'50" (D)
16°50'75" (C)
NO CORNER FOUND
217.28' (D) S89°03'59"W (D)
216.97' (C) N89°11'32"E (C)
55.62' (D) S89°03'59"W (D)
55.62' (C) S89°11'32"W (C)
I-75 ON-RAMP (SR 93)
I-75 (300' R/W)
3
4
60 0 30 60 120
SCALE IN FEET

BOUNDARY SURVEY
SCALE: 1"=60'


PROJECT AREA

SITE LOCATION MAP
NOT TO SCALE


33 | 34
4 | 3
LEASE PARCEL
CHI
PARENT TRACT
I-75
CHI
CHI
34 | 35
3 | 2
4 | 3
9 | 10
3 | 2
10 | 11

ZONING MAP
NOT TO SCALE

GENERAL STATEMENT

AN UNMANNED TELECOMMUNICATIONS FACILITY IS PROPOSED ON THE VACANT SITE. THE NEW FACILITY CONSISTS OF A 250' SELF SUPPORTED COMMUNICATIONS TOWER. FIVE (5) CONCRETE EQUIPMENT SLABS AND FOUR (4) STATE OF FLORIDA APPROVED MODULAR EQUIPMENT SHELTERS MAY BE CONSTRUCTED IN FUTURE PHASES. THE TRAFFIC GENERATION CONSISTS OF INFREQUENT MAINTENANCE MONITORING, ESTIMATED AS 1 TRIP PER MONTH. THE TOWER SHALL NOT INTERFERE WITH NORMAL RADIO AND TELEVISION RECEPTION IN THE VICINITY. THE TOWER SHALL COMPLY WITH ALL APPLICABLE F.A.A. AND F.C.C. REGULATIONS. THE TOWER SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF STANDARD E.I.A./T.I.A. 222-F PRACTICES, AND ALL COLUMBIA COUNTY CONSTRUCTION/BUILDING CODES.

NO PARKING, WATER, SEWER, OR SOLID WASTE SERVICES ARE REQUIRED FOR THE UNMANNED SITE.

THE TRACT DEPICTED LIES WITHIN FLOOD ZONE "X" PURSUANT TO FIRM #120070 0250 B, DATED JANUARY 6, 1988. ZONE "X"="THOSE AREAS DETERMINED TO LIE OUTSIDE THE 500 YEAR FLOOD PLAIN" PURSUANT TO FEMA MAP NOTATION.

3

LEGAL DESCRIPTION OF PARENT TRACT

A TRACT OF LAND SITUATED IN THE NORTHEAST 1/4 OF SECTION 3, TOWNSHIP 6 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS;

COMMENCE AT THE NORTHEAST CORNER OF SAID SECTION 3, THENCE RUN S88°15'56"W ALONG THE NORTH LINE OF SAID SECTION 3, A DISTANCE OF 1337.00 FEET, TO A POINT ON THE CENTERLINE OF STATE ROAD 25 (U.S. 41 & 441), THENCE RUN S01°33'04"E ALONG SAID CENTERLINE, A DISTANCE OF 638.89 FEET, THENCE RUN S88°26'56"W A DISTANCE OF 111.50 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF SAID STATE ROAD 25 AND THE POINT OF BEGINNING, THENCE RUN S88°26'56"W A DISTANCE OF 200.00 FEET, THENCE RUN S01°33'04"E A DISTANCE OF 147.87 FEET, THENCE RUN S89°03'59"W A DISTANCE OF 80.00 FEET, THENCE RUN S01°33'04"E A DISTANCE OF 80.00 FEET TO A POINT ON THE LIMITED ACCESS RIGHT-OF-WAY LINE OF INTERSTATE 75, THENCE RUN S89°03'59"W ALONG SAID RIGHT-OF-WAY A DISTANCE OF 55.62 FEET TO THE POINT OF CURVE CONCAVE TO THE RIGHT AND HAVING A RADIUS OF 976.74 FEET AND A CENTRAL ANGLE OF 16°51'50", THENCE RUN ALONG THE ARC OF SAID CURVE STILL ALONG SAID RIGHT-OF-WAY A DISTANCE OF 287.48 FEET, SAID ARC HAVING A CHORD BEARING OF N82°30'29"W AND A CHORD DISTANCE OF 286.45 FEET, THENCE RUN N01°33'04"W A DISTANCE OF 630.85 FEET, THENCE RUN N88°26'56"E A DISTANCE OF 630.00 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF STATE ROAD 25, THENCE RUN S01°33'04"E ALONG SAID WESTERLY RIGHT-OF-WAY LINE A DISTANCE OF 325.68 FEET, THENCE RUN S03°45'25"W STILL ALONG SAID RIGHT-OF-WAY A DISTANCE OF 124.32 FEET TO THE POINT OF BEGINNING.

SUBJECT TO RIGHT-OF-WAY EASEMENT GRANTED TO CLAY ELECTRIC COOPERATIVE, INC. DATED SEPTEMBER 10, 1965.

LEGAL DESCRIPTION OF LEASE PARCEL

A CIRULAR PARCEL OF LAND WITH A RADIUS OF 125 FEET (CIRCUMFERENCE 785.40'), LYING IN THE NORTHEAST 1/4 OF SECTION 3, TOWNSHIP 6 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, THE CENTERPOINT OF WHICH BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS;

COMMENCE AT THE NORTHEAST CORNER OF SECTION 3, THENCE RUN S88°15'56"W ALONG THE NORTH LINE OF SAID SECTION 3, A DISTANCE OF 1337.00 FEET, TO A POINT ON THE CENTERLINE OF STATE ROAD 25 (U.S. 41 & 441), THENCE RUN S01°33'04"E ALONG SAID CENTERLINE OF STATE ROAD 25 A DISTANCE OF 317.43 FEET, THENCE RUN S88°51'43"W A DISTANCE OF 603.65 FEET TO THE CENTER POINT.

SAID LEASE PARCEL TO CONTAIN 49,087.39 SQUARE FEET OR 1.13 ACRES MORE OR LESS

LEGAL DESCRIPTION OF ACCESS & UTILITY EASEMENT

TOGETHER WITH A 30' WIDE NON-EXCLUSIVE EASEMENT FOR INGRESS/EGRESS & UTILITY PURPOSES, THE CENTERLINE OF WHICH BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS;

COMMENCE AT THE NORTHEAST CORNER OF SECTION 3, THENCE RUN S88°15'56"W ALONG THE NORTH LINE OF SAID SECTION 3, A DISTANCE OF 1337.00 FEET, TO A POINT ON THE CENTERLINE OF STATE ROAD 25 (U.S. 41 & 441), THENCE RUN S01°33'04"E ALONG SAID CENTERLINE, A DISTANCE OF 418.58 FEET, THENCE RUN S88°30'17"W A DISTANCE OF 89.54 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF STATE ROAD 25 AND THE POINT OF BEGINNING, THENCE RUN S88°30'17"W A DISTANCE OF 15.00 FEET, THENCE N01°08'14"W A DISTANCE OF 214.17 FEET, THENCE S88°45'07"W A DISTANCE OF 488.81 FEET, THENCE S01°14'53"E A DISTANCE OF 57.32 FEET TO THE POINT OF TERMINATION.

THE SIDELINES OF SAID EASEMENT TO BE SHORTENED OR LENGTHENED TO FORM ONE CONTIGUOUS SHAPE.

4

SURVEYORS NOTES:

1. NO UNDERGROUND FOUNDATIONS, STRUCTURES, INSTALLATIONS OR IMPROVEMENTS HAVE BEEN LOCATED UNLESS OTHERWISE SHOWN HEREON.
2. SEE LEGEND FOR SYMBOLS AND/OR ABBREVIATIONS USED HEREON.
3. THIS SURVEY IS NOT VALID UNLESS EMBOSSED WITH SURVEYORS SEAL AND WAS PREPARED FOR THE EXCLUSIVE USE OF THE CURRENT OWNERS AND ALSO THOSE WHO PURCHASE, MORTGAGE OR GUARANTEE THE TITLE THERETO AND/OR OTHERS WHOSE NAMES APPEAR ON THE FACE OF THIS SURVEY.
4. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE SEARCH. NO INSTRUMENTS OF RECORD REFLECTING OWNERSHIP, EASEMENTS OR RIGHTS-OF-WAY WERE FURNISHED TO THE UNDERSIGNED, UNLESS OTHERWISE SHOWN HEREON.
5. BEARINGS SHOWN HEREON ARE BASED ON THE WESTERLY RIGHT-OF-WAY LINE OF STATE ROAD 25, S03°45'25"W (DEED).
6. THIS PARCEL LOCATED IN FLOOD ZONE "X", AS PER THE FLOOD INSURANCE RATE MAP OF COLUMBIA COUNTY, FLORIDA COMMUNITY PANEL NUMBER 120251 0250 B, DATED JANUARY 6, 1988. (LATEST REV.)
7. ELEVATIONS SHOWN HEREON ARE IN FEET AND ARE BASED ON THE "N.G.V.D. 1929" DATUM.
8. ELEVATIONS ARE BASED ON FLORIDA DEPARTMENT OF TRANSPORTATION BENCHMARK "A-22", ELEVATION = 95.297' (N.G.V.D. 1929)
9. TEMPORARY BENCH MARK IS 2" HUB, SET 342.09 FEET EAST AND 41.08 FEET NORTH OF THE SOUTHEAST CORNER OF THE LEASE PARCEL, ELEVATION = 73.881'
10. SUBJECT PROPERTY IS ZONED "CHI", AS PER THE COLUMBIA COUNTY, BUILDING AND ZONING DEPARTMENT.
11. UTILITIES INFORMATION IS AS FOLLOWS:
    TELEPHONE = BELL SOUTH
    ELECTRIC = CLAY ELECTRIC CORPORATION
12. PURPOSE OF SURVEY: SITE DEVELOPMENT.
13. THE LEASE PARCEL IS HEAVILY WOODED.
14. GEOGRAPHIC COORDINATES OF THE CENTER OF THE TOWER ARE AS FOLLOWS:

NAD 27	NAD 83
LATITUDE = 30°00'08.50" NORTH	LATITUDE = 30°00'09.39" NORTH
LONGITUDE = 82°35'58.03" WEST	LONGITUDE = 82°35'57.46" WEST

LEGEND:

A/C = AIR-CONDITIONER
AGL = ABOVE GROUND LEVEL
AMSL = ABOVE MEAN SEA LEVEL
BL = BASELINE
B.W.F. = BARBED WIRE FENCE
(C) = CALCULATED
CATV = CABLE TELEVISION
C.A.P.B. = CABLE PRESSURE BOX
℄ = CENTERLINE
C.M.P. = CORRUGATED METAL PIPE
C.L.F. = CHAIN LINK FENCE
C.P. = CONCRETE POST
C.P.P. = CONCRETE POWER POLE
CONC. = CONCRETE
D.B.H. = DIAMETER AT BREAST HEIGHT
(D) = DESCRIPTION
E.P. = EDGE OF PAVEMENT
ELEV. = ELEVATION
(F) = FIELD
F.H. = FIRE HYDRANT
G.A. = GUY ANCHOR
H.W.F. = HOG WIRE FENCE
I.D. No. = IDENTIFICATION NUMBER

I.P. = IRON PIPE
I.R. = IRON ROD
L-A = LIMITED ACCESS
L.B. = LICENSE BUSINESS
L.P. = LIGHT POLE
(M) = MEASURED
N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM
O/A = OVER ALL
O/E = OVERHEAD ELECTRICAL LINE
(P) = PLAT
P.C. = POINT OF CURVATURE
P.C.P. = PERMANENT CONTROL POINT
P.K. = PARKER KALON
P.L.S. = PROFESSIONAL LAND SURVEYOR
P.O.B. = POINT OF BEGINNING
P.O.C. = POINT OF COMMENCEMENT
P.O.T. = POINT OF TERMINATION
PSM = PROFESSIONAL SURVEYOR & MAPPER
P.T. = POINT OF TANGENCY
● = SET 5/8" I.R. W/ CAP LB6836

R.C.P. = REINFORCED CONCRETE PIPE
R.L.S. = REGISTERED LAND SURVEYOR
R/O = ROOF OVER
R/W = RIGHT-OF-WAY
T.O.B. = TOP OF BANK
T.O.E. = TOE OF SLOPE
T.B.M. = TEMPORARY BENCH MARK
W.F. = WOOD FENCE
W.M. = WATER METER
W.L.P. = WOOD LIGHT POLE
W.P.P. ⌀ = WOOD POWER POLE
ELEVATIONS = ×00.00 AND/OR 00.00
CONTOUR LINES W/ELEV. = —00—00—00—
TOP OF CURB ELEV. / FLOW LINE

SITE DATA
OWNER:
GEORGE W. HUNTER
P.O. BOX 958
LAKE CITY, FLORIDA 32056-1958

DATA TABULATION
ZONING: "CHI"-COMMERCIAL HIGHWAY INTERCHANGE

SURVEYOR
MIKE LEAHY, P.E., P.L.S.
8413 LAUREL FAIR CIRCLE,
BLDG. 5, SUITE 100
TAMPA, FLORIDA 33610
PH# (813) 626-7300
FAX# (813) 626-7233

SITE ADDRESS
03-06-17-09563-001

DEVELOPER
OPM-USA.
325 INTERSTATE BLVD.
SARASOTA, FLORIDA 33610
PH# (941) 379-4455
FAX# (941) 379-4562

CERTIFIED TO: OPM-USA.
DATE OF FIELD SURVEY: 5/13/98

BOUNDARY SURVEY

THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

I HEREBY CERTIFY THAT THE SURVEY REPRESENTED ON THIS MAP WAS MADE UNDER MY DIRECTION ON THE DATE SHOWN BASED ON THE INFORMATION FURNISHED TO ME AS NOTED AND CONFORMS TO THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA IN ACCORDANCE WITH CH. 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

M. Leahy

JAN 21 1999

MIKE LEAHY

MICHAEL K. LEAHY
FLORIDA REGISTERED SURVEYOR
AND MAPPER No. 5658

NO.	DATE	DESCRIPTION
REVISIONS		
1	07/06/98	MOVED LEASE PARCEL AS PER CUSTOMER REQUESTS
2	09/29/98	MOVED LEASE PARCEL/ACCESS EASEMENT TO NW CORNER
3	1/15/99	ADDED A 20' WIDE OVERHEAD ELECTRIC EASEMENT AND REVISED LEGAL DESCRIPTION.
4	1/21/99	CHANGED LEASE PARCEL TO MATCH 125' FALL ZONE RADIUS REVISED LEGAL DESCRIPTION.
5		
6		

DRAWN BY: J. FAIR
CHECKED BY: B. HESS
APPROVED BY: M. LEAHY

CADD FILE NAME:
ELLIS-1.DWG

Putnam
ENGINEERING/CONSTRUCTION CORP.
INTERSTATE BUSINESS PARK
8413 LAUREL FAIR CIRCLE
BLD #5, SUITE #100
TAMPA, FLORIDA 33610
PHONE (813) 626-7300
FAX (813) 626-7233

CERTIFIED GENERAL CONTRACTOR LIC #CG CA50063
CERTIFIED ELECTRICAL CONTRACTOR LIC #EC 0001643
CERTIFIED MECHANICAL CONTRACTOR LIC #CM C056688
LICENSED PROFESSIONAL ENGINEER LIC #OA 8041
PROFESSIONAL SURVEYORS AND MAPPERS LB #6836

OPM-USA #2544
ELLISVILLE SITE
BOUNDARY SURVEY
250' SELF SUPPORTED TOWER

THIS DRAWING IS THE PROPERTY OF THE SURVEYOR AND MAY NOT BE USED OR REPRODUCED WITHOUT HIS/HER EXPRESSED WRITTEN PERMISSION.

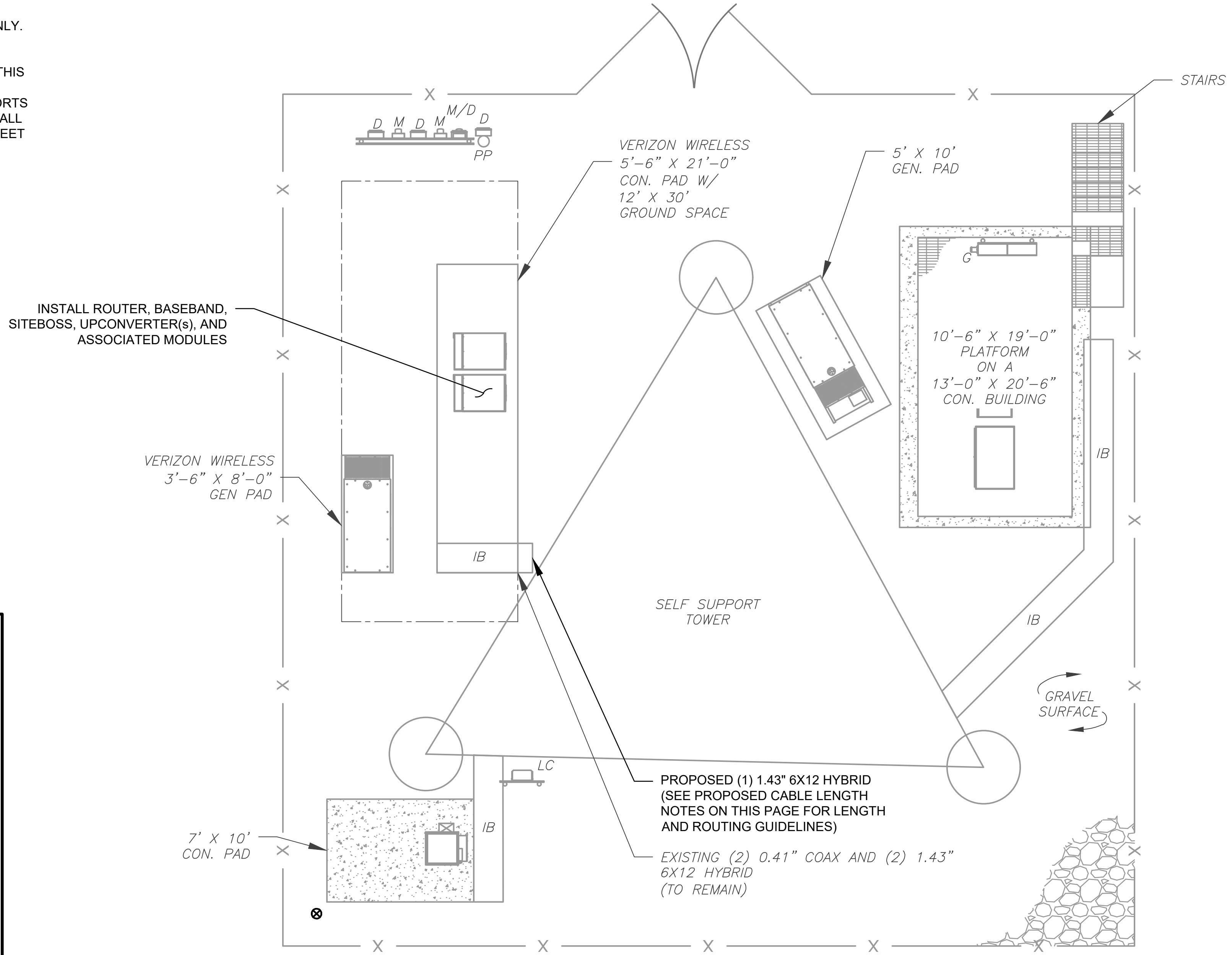
SCALE 1" = 60'
DATE 5/14/98
JOB NO. 98-5030

SHEET TITLE
BOUNDARY SURVEY

SHEET
1 OF 1

SITE PLAN NOTES:

1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
3. NO ELECTRICAL SCOPE IS INCLUDED IN THIS PROJECT.


STAIRS
D
M
D
M
M/D
D
PP
VERIZON WIRELESS 5'-6" X 21'-0" CON. PAD W/ 12' X 30' GROUND SPACE
5' X 10' GEN. PAD
G
INSTALL ROUTER, BASEBAND, SITEBOSS, UPCONVERTER(s), AND ASSOCIATED MODULES
10'-6" X 19'-0" PLATFORM ON A 13'-0" X 20'-6" CON. BUILDING
IB
VERIZON WIRELESS 3'-6" X 8'-0" GEN PAD
IB
SELF SUPPORT TOWER
IB
GRAVEL SURFACE
LC
PROPOSED (1) 1.43" 6X12 HYBRID (SEE PROPOSED CABLE LENGTH NOTES ON THIS PAGE FOR LENGTH AND ROUTING GUIDELINES)
IB
7' X 10' CON. PAD
EXISTING (2) 0.41" COAX AND (2) 1.43" 6X12 HYBRID (TO REMAIN)

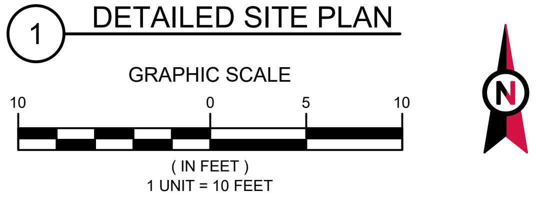
LEGEND

⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACLE
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
———	CHAINLINK FENCE

PROPOSED CABLE NOTES:

1. ESTIMATED LENGTH OF PROPOSED CABLE IS **308'**. ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES), CDS DEFER TO GREATEST CABLE LENGTH.
2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. WHERE POSSIBLE UTILIZE EXISTING CABLE SUPPORT STRUCTURES AS PROVIDED FOR CARRIER TO ADEQUATELY SECURE CABLES, USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER. OTHERWISE, ATTACH CABLES TO HORIZONTAL OR DIAGONAL TOWER MEMBERS USING PROPOSED STAINLESS STEEL ADAPTERS (DO NOT ATTACH TO TOWER LEG).

1 DETAILED SITE PLAN


GRAPHIC SCALE
10
0
5
10
(IN FEET)
1 UNIT = 10 FEET
N

AMERICAN TOWER®

ATC TOWER SERVICES, LLC

1 FENTON MAIN
SUITE 300
CARY, NC 27511
PHONE: (919) 468-0112
9053

THE USE AND PUBLICATION OF THESE DRAWINGS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OR THE SPECIFIED CARRIER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION.

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	EDNA	10/29/2024

ATC SITE NUMBER:
2544
ATC SITE NAME:
ELLISVILLE FL
VERIZON SITE NAME:
ELLISVILLE A
SITE ADDRESS:
US HIGHWAY 41
LAKE CITY,FL 32025

SEAL:

SCOTT FLETCHER
No. 84581

Digitally Signed: 2024-10-29

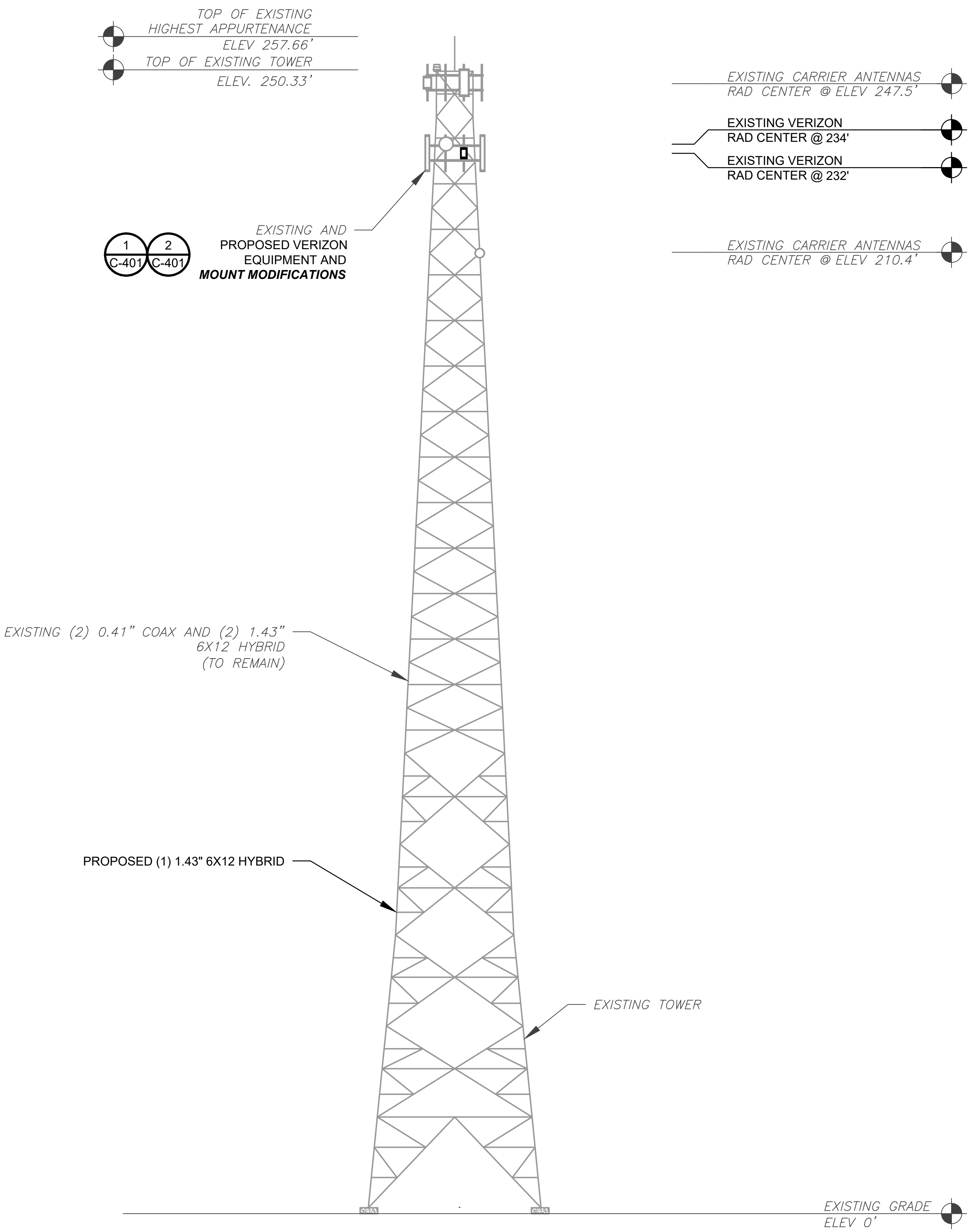
verizon✓

ATC JOB NO:	14859902_G0
CUSTOMER ID:	ELLISVILLE A
CUSTOMER #:	5000077929

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

FAA REGISTERED HEIGHT: 258' AGL



TOP OF EXISTING HIGHEST APPURTENANCE
ELEV 257.66'
TOP OF EXISTING TOWER
ELEV. 250.33'
EXISTING CARRIER ANTENNAS
RAD CENTER @ ELEV 247.5'
EXISTING VERIZON
RAD CENTER @ 234'
EXISTING VERIZON
RAD CENTER @ 232'
1
C-401
2
C-401
EXISTING AND
PROPOSED VERIZON
EQUIPMENT AND
MOUNT MODIFICATIONS
EXISTING CARRIER ANTENNAS
RAD CENTER @ ELEV 210.4'
EXISTING (2) 0.41" COAX AND (2) 1.43" 6X12 HYBRID (TO REMAIN)
PROPOSED (1) 1.43" 6X12 HYBRID
EXISTING TOWER
EXISTING GRADE
ELEV 0'

1 TOWER ELEVATION

SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 09/27/24, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.

ALL ELEVATIONS REFLECT ABOVE GROUND LEVEL (A.G.L.)

TOWER NOTE:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
3. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. WHERE POSSIBLE UTILIZE EXISTING CABLE SUPPORT STRUCTURES AS PROVIDED FOR CARRIER TO ADEQUATELY SECURE CABLES, USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER. OTHERWISE, ATTACH CABLES TO HORIZONTAL OR DIAGONAL TOWER MEMBERS USING PROPOSED STAINLESS STEEL ADAPTERS (DO NOT ATTACH TO TOWER LEG).
4. TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.

AMERICAN TOWER®

ATC TOWER SERVICES, LLC

1 FENTON MAIN
SUITE 300
CARY, NC 27511
PHONE: (919) 468-0112
9053

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	EDNA	10/29/2024

ATC SITE NUMBER:
2544

ATC SITE NAME:
ELLISVILLE FL

VERIZON SITE NAME:
ELLISVILLE A

SITE ADDRESS:
US HIGHWAY 41
LAKE CITY,FL 32025

SEAL:

SCOTT FLETCHER
No. 84581

Digitally Signed: 2024-10-29

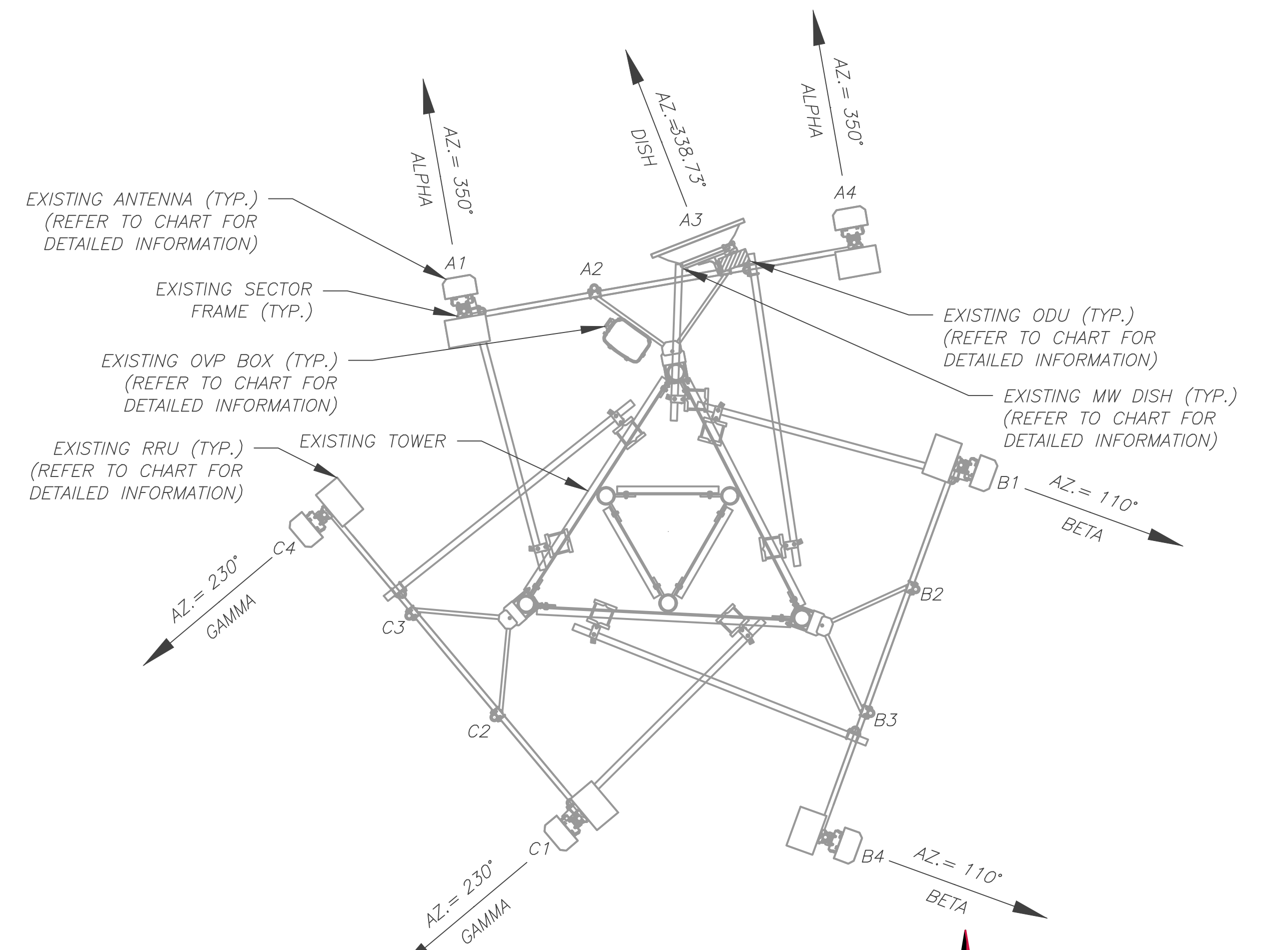
verizon

ATC JOB NO:	14859902_G0
CUSTOMER ID:	ELLISVILLE A
CUSTOMER #:	5000077929

TOWER ELEVATION

SHEET NUMBER:
C-201

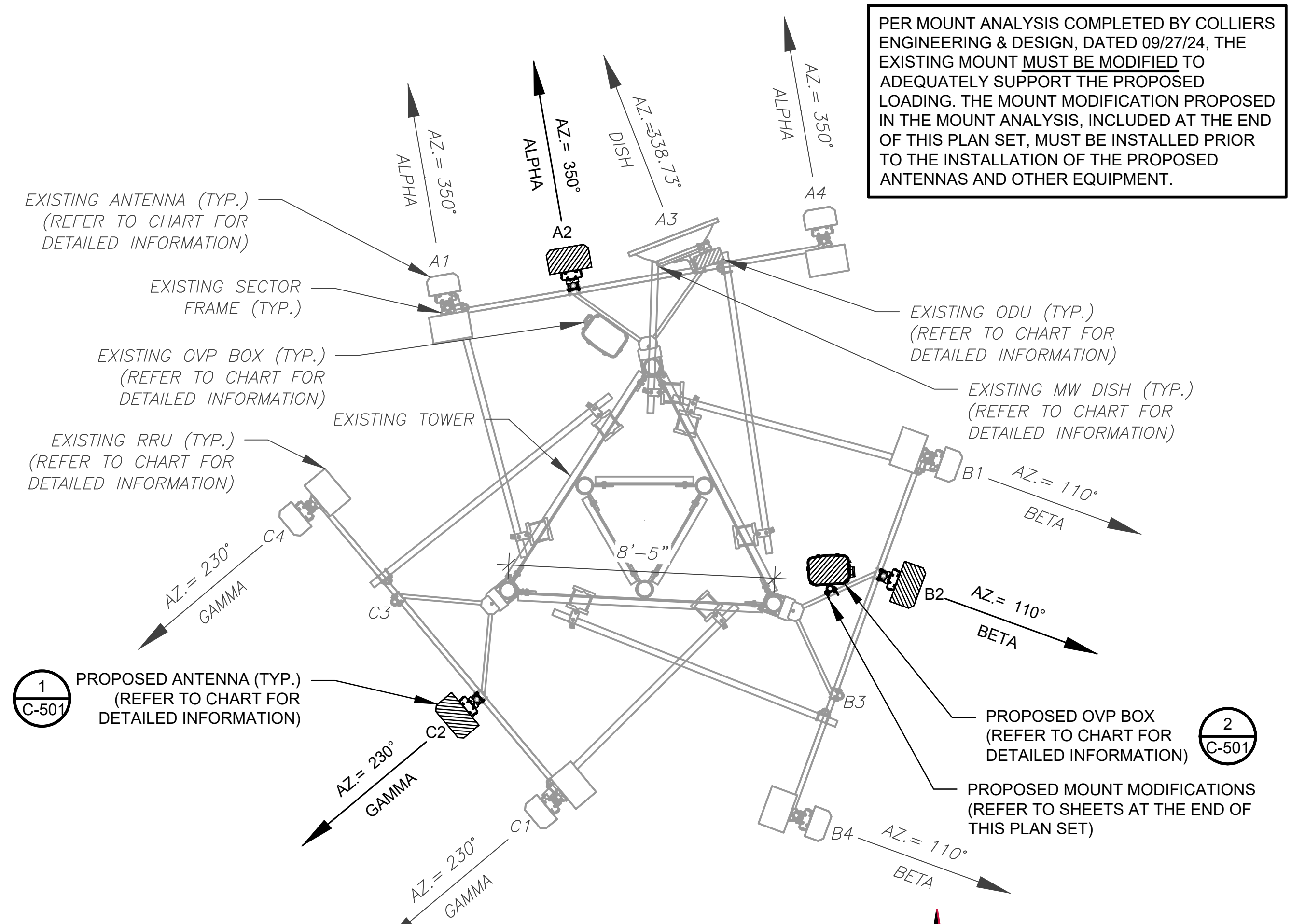
REVISION:
0


EXISTING ANTENNA (TYP.) (REFER TO CHART FOR DETAILED INFORMATION)
EXISTING SECTOR FRAME (TYP.)
EXISTING OVP BOX (TYP.) (REFER TO CHART FOR DETAILED INFORMATION)
EXISTING RRU (TYP.) (REFER TO CHART FOR DETAILED INFORMATION)
EXISTING TOWER
EXISTING ODU (TYP.) (REFER TO CHART FOR DETAILED INFORMATION)
EXISTING MW DISH (TYP.) (REFER TO CHART FOR DETAILED INFORMATION)
AZ.= 350° ALPHA
DISH AZ.=338.73°
ALPHA AZ.= 350°
A1
A2
A3
A4
B1
B2
B3
B4
C1
C2
C3
C4
AZ.= 110° BETA
AZ.= 110° BETA
AZ.= 230° GAMMA
AZ.= 230° GAMMA

1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 09/27/24, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.


EXISTING ANTENNA (TYP.) (REFER TO CHART FOR DETAILED INFORMATION)
EXISTING SECTOR FRAME (TYP.)
EXISTING OVP BOX (TYP.) (REFER TO CHART FOR DETAILED INFORMATION)
EXISTING RRU (TYP.) (REFER TO CHART FOR DETAILED INFORMATION)
EXISTING TOWER
EXISTING ODU (TYP.) (REFER TO CHART FOR DETAILED INFORMATION)
EXISTING MW DISH (TYP.) (REFER TO CHART FOR DETAILED INFORMATION)
PROPOSED ANTENNA (TYP.) (REFER TO CHART FOR DETAILED INFORMATION)
1 C-501
PROPOSED OVP BOX (REFER TO CHART FOR DETAILED INFORMATION)
2 C-501
PROPOSED MOUNT MODIFICATIONS (REFER TO SHEETS AT THE END OF THIS PLAN SET)
8'-5"
AZ.= 350° ALPHA
ALPHA AZ.= 350°
DISH AZ.=338.73°
ALPHA AZ.= 350°
A1
A2
A3
A4
B1
B2
B3
B4
C1
C2
C3
C4
AZ.= 110° BETA
AZ.= 110° BETA
AZ.= 110° BETA
AZ.= 230° GAMMA
AZ.= 230° GAMMA
AZ.= 230° GAMMA

2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	232'	350°	A1	NHH–65C–R2B	L700/L850/L1900/LAWS/LAWS3	RMN	RADIO 4449	RMN
			A2	–	–	–	–	–
DISH	234'	338.73°	A3	VHLPX3–11W/A	–	RMN	(2) ODU 600	RMN
ALPHA	232'	350°	A4	NHH–65C–R2B	L700/L850/L1900/LAWS/LAWS3	RMN	RADIO 8843	RMN
BETA	232'	110°	B1	NHH–65C–R2B	L700/L850/L1900/LAWS/LAWS3	RMN	RADIO 4449	RMN
			B2	–	–	–	–	–
			B3	–	–	–	–	–
			B4	NHH–65C–R2B	L700/L850/L1900/LAWS/LAWS3	RMN	RADIO 8843	RMN
GAMMA		230°	C1	NHH–65C–R2B	L700/L850/L1900/LAWS/LAWS3	RMN	RADIO 4449	RMN
			C2	–	–	–	–	–
			C3	–	–	–	–	–
			C4	NHH–65C–R2B	L700/L850/L1900/LAWS/LAWS3	RMN	RADIO 8843	RMN

NOTES

1. GC TO VERIFY THE FINAL RFDS MATCHES THE FINAL CONSTRUCTION DRAWINGS. GC TO NOTIFY ATC PM OF ANY DISCREPANCY PRIOR TO INSTALLING THE EQUIPMENT.
2. GC TO CAP ALL UNUSED PORTS.
3. GC TO CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.

STATUS ABBREVIATIONS

RMV: TO BE REMOVED
RMN: TO REMAIN
REL: TO BE RELOCATED
ADD: TO BE ADDED

CABLE LENGTHS FOR JUMPERS

JUNCTION BOX TO RRU: 15'
RRU TO ANTENNA: 10'

FINAL ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	232'	350°	A1	NHH–65C–R2B	L700/L850/L1900/LAWS/LAWS3	RMN	RADIO 4449	RMN
			A2	AIR 6419 B77D	5GCBAND	ADD	-	-
	234'	338.73°	A3	VHLPX3–11W/A	-	RMN	(2) ODU 600	RMN
	232'	350°	A4	NHH–65C–R2B	L700/L850/L1900/LAWS/LAWS3	RMN	RADIO 8843	RMN
BETA	232'	110°	B1	NHH–65C–R2B	L700/L850/L1900/LAWS/LAWS3	RMN	RADIO 4449	RMN
			B2	AIR 6419 B77D	5GCBAND	ADD	-	-
			B3	-	-	-	-	-
			B4	NHH–65C–R2B	L700/L850/L1900/LAWS/LAWS3	RMN	RADIO 8843	RMN
GAMMA		230°	C1	NHH–65C–R2B	L700/L850/L1900/LAWS/LAWS3	RMN	RADIO 4449	RMN
			C2	AIR 6419 B77D	5GCBAND	ADD	-	-
			C3	-	-	-	-	-
			C4	NHH–65C–R2B	L700/L850/L1900/LAWS/LAWS3	RMN	RADIO 8843	RMN

EXISTING FIBER DISTRIBUTION / OVP BOX		EXISTING CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
RCMDC–6627–PF–48 (12 OVP)	RMN	(2) 0.41" COAX AND (2) 1.43" 6X12 HYBRID	RMN
–	RMV	––––	RMV

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
RCMDC–6627–PF–48 (12 OVP)	RMN	(2) 0.41" COAX AND (2) 1.43" 6X12 HYBRID	RMN
RCMDC-6627-PF-48 (12 OVP)	ADD	(1) 1.43" 6X12 HYBRID	ADD

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ATC TOWER SERVICES, LLC
1 FENTON MAIN
SUITE 300
CARY, NC 27511
PHONE: (919) 468-0112
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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	EDNA	10/29/2024

ATC SITE NUMBER:
2544
ATC SITE NAME:
ELLISVILLE FL
VERIZON SITE NAME:
ELLISVILLE A
SITE ADDRESS:
US HIGHWAY 41
LAKE CITY,FL 32025

SEAL:

SCOTT FLETCHER
LICENSE
No. 84581
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Digitally Signed: 2024-10-29

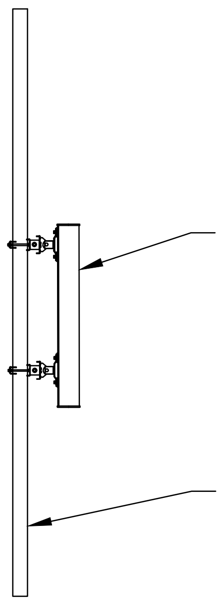
verizon

ATC JOB NO:	14859902_G0
CUSTOMER ID:	ELLISVILLE A
CUSTOMER #:	5000077929

ANTENNA INFORMATION & SCHEDULE

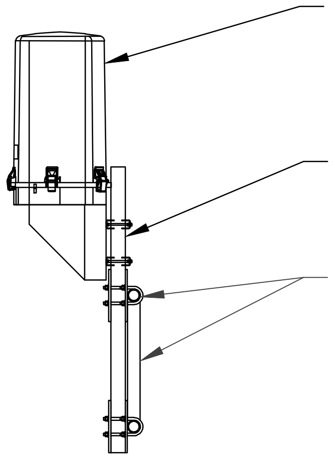
SHEET NUMBER:	REVISION:
C-401	0

EXISTING/PROPOSED MOUNTS AND/OR MOUNT MODIFICATIONS NOT SHOWN FOR CLARITY. REFER TO ANTENNA PLANS, MOUNT ANALYSES AND/OR MOUNT MODIFICATION DOCUMENTS FOR ADDITIONAL DETAIL.


PROPOSED ANTENNA W/ BRACKET PER MANUFACTURER
EXISTING OR PROPOSED MOUNTING PIPE

1 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.


PROPOSED OVP (MOUNT PER MANUFACTURER'S SPECS) (ENSURE THAT BRACKET DOES NOT CONFLICT WITH EXISTING OR PROPOSED EQUIPMENT)
PROPOSED MOUNTING PIPE ATTACHED TO BOTH HORIZONTAL MEMBERS ON EXISTING STAND-OFF SUPPORT FOR 3-SIDE SECTOR FRAME ARRAY
EXISTING HORIZONTAL MEMBER ON STAND-OFF SUPPORT (TYP.) FOR 3-SIDED SECTOR FRAME ARRAY

2 PROPOSED OVP MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	EDNA	10/29/2024

ATC SITE NUMBER:
2544
ATC SITE NAME:
ELLISVILLE FL
VERIZON SITE NAME:
ELLISVILLE A
SITE ADDRESS:
US HIGHWAY 41
LAKE CITY,FL 32025

SEAL:

SCOTT FLETCHER
LICENSE No. 84581
STATE OF FLORIDA
PROFESSIONAL ENGINEER

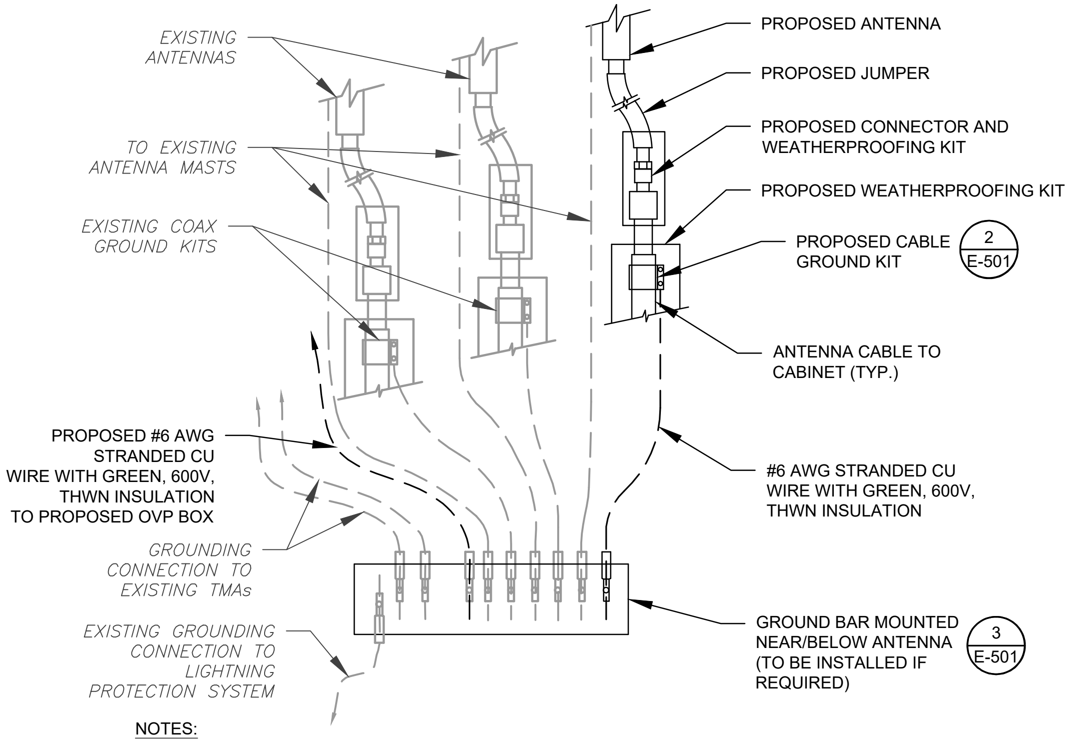
Digitally Signed: 2024-10-29

verizon

ATC JOB NO:	14859902_G0
CUSTOMER ID:	ELLISVILLE A
CUSTOMER #:	5000077929

CONSTRUCTION DETAILS

SHEET NUMBER: C-501
REVISION: 0

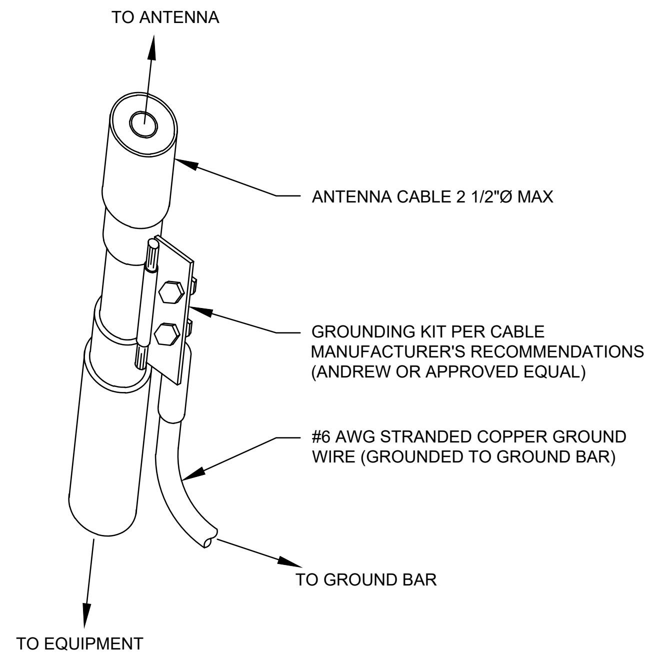

EXISTING ANTENNAS
TO EXISTING ANTENNA MASTS
EXISTING COAX GROUND KITS
PROPOSED #6 AWG STRANDED CU WIRE WITH GREEN, 600V, THWN INSULATION TO PROPOSED OVP BOX
GROUNDING CONNECTION TO EXISTING TMAs
EXISTING GROUNDING CONNECTION TO LIGHTNING PROTECTION SYSTEM
PROPOSED ANTENNA
PROPOSED JUMPER
PROPOSED CONNECTOR AND WEATHERPROOFING KIT
PROPOSED WEATHERPROOFING KIT
PROPOSED CABLE GROUND KIT
2
E-501
ANTENNA CABLE TO CABINET (TYP.)
#6 AWG STRANDED CU WIRE WITH GREEN, 600V, THWN INSULATION
GROUND BAR MOUNTED NEAR/BELOW ANTENNA (TO BE INSTALLED IF REQUIRED)
3
E-501

NOTES:

1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
2. SITE GROUNDING SHALL COMPLY WITH VERIZON GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

1 TYPICAL ANTENNA GROUNDING DIAGRAM

SCALE: N.T.S.

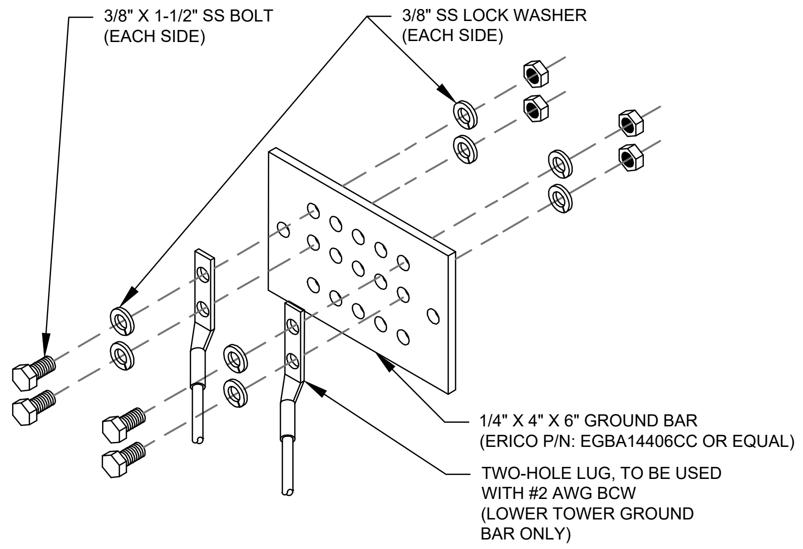

TO ANTENNA
ANTENNA CABLE 2 1/2"Ø MAX
GROUNDING KIT PER CABLE MANUFACTURER'S RECOMMENDATIONS (ANDREW OR APPROVED EQUAL)
#6 AWG STRANDED COPPER GROUND WIRE (GROUNDED TO GROUND BAR)
TO GROUND BAR
TO EQUIPMENT

GROUND KIT NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

2 CABLE GROUND KIT CONNECTION DETAIL

SCALE: N.T.S.


3/8" X 1-1/2" SS BOLT (EACH SIDE)
3/8" SS LOCK WASHER (EACH SIDE)
1/4" X 4" X 6" GROUND BAR (ERICO P/N: EGBA14406CC OR EQUAL)
TWO-HOLE LUG, TO BE USED WITH #2 AWG BCW (LOWER TOWER GROUND BAR ONLY)

GROUND BAR NOTES:

1. GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
2. GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

3 TOWER GROUND BAR DETAIL

SCALE: N.T.S.

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PROFESSIONAL ENGINEER

Digitally Signed: 2024-10-29

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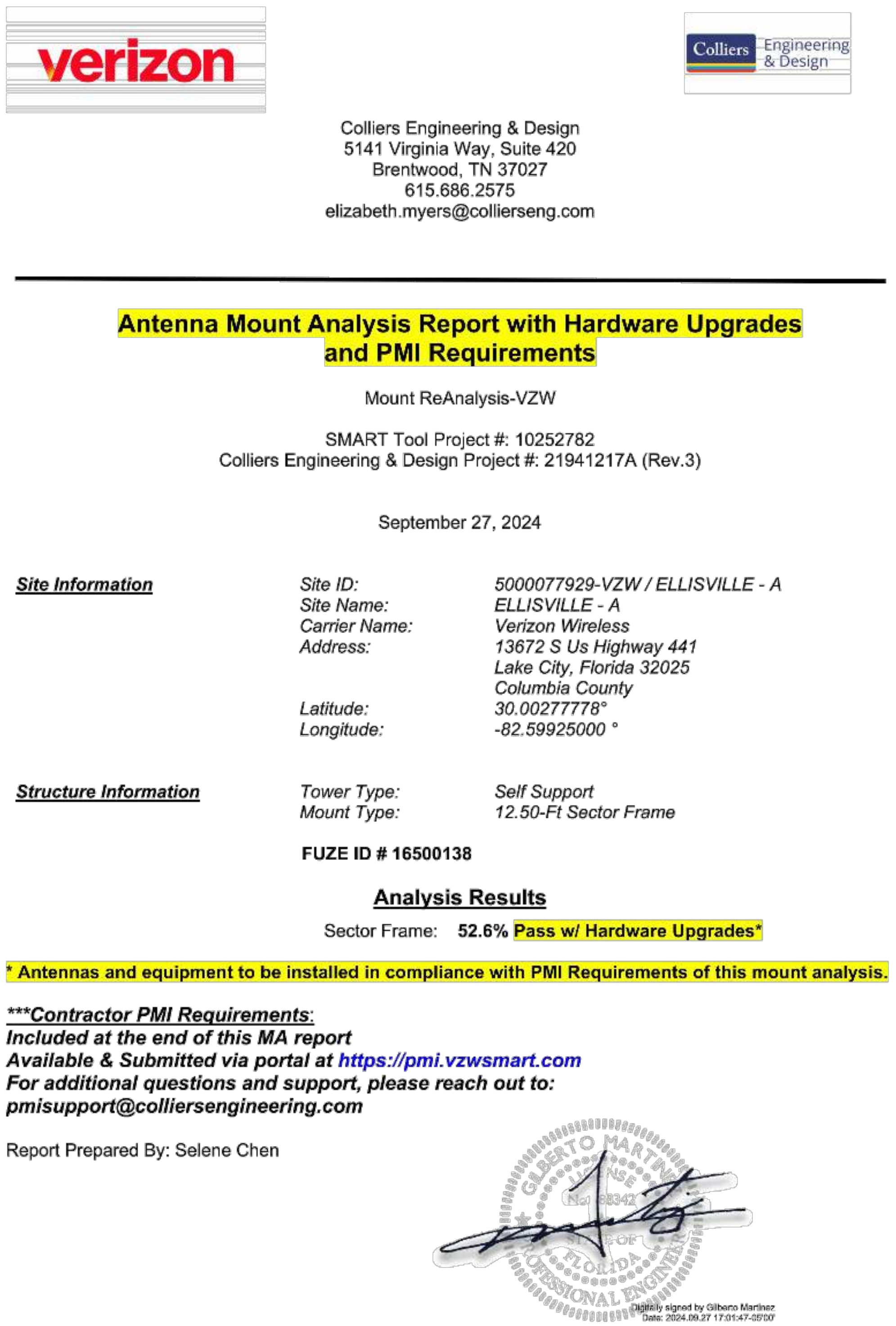
ATC JOB NO:	14859902_G0
CUSTOMER ID:	ELLISVILLE A
CUSTOMER #:	5000077929

GROUNDING DETAILS

SHEET NUMBER:
E-501

REVISION:
0



verizon

Colliers Engineering & Design

Colliers Engineering & Design
5141 Virginia Way, Suite 420
Brentwood, TN 37027
615.686.2575
elizabeth.myers@collierseng.com

Antenna Mount Analysis Report with Hardware Upgrades and PMI Requirements

Mount ReAnalysis-VZW

SMART Tool Project #: 10252782
Colliers Engineering & Design Project #: 21941217A (Rev.3)

September 27, 2024

Site Information	*Site ID:*	*5000077929-VZW / ELLISVILLE - A*
	Site Name:	*ELLISVILLE - A*
	Carrier Name:	*Verizon Wireless*
	Address:	*13672 S Us Highway 441* *Lake City, Florida 32025* *Columbia County*
	Latitude:	*30.00277778°*
	Longitude:	*-82.59925000 °*
Structure Information	*Tower Type:*	*Self Support*
	Mount Type:	*12.50-Ft Sector Frame*

FUZE ID # 16500138

Analysis Results

Sector Frame: **52.6% Pass w/ Hardware Upgrades***

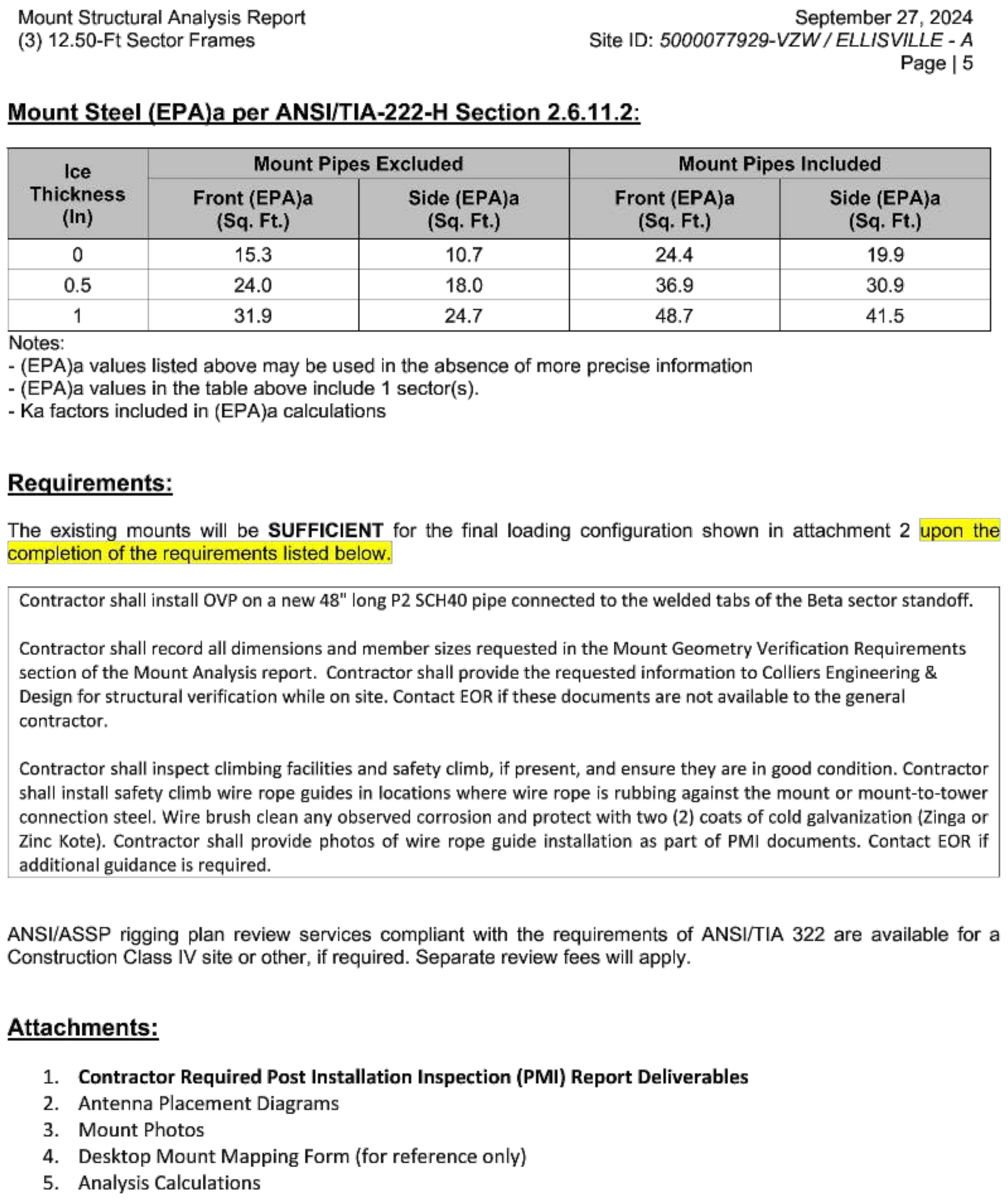
*** Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.**

******Contractor PMI Requirements**:*
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Selene Chen

GILBERTO MARTINEZ

Digitally signed by Gilberto Martinez
Date: 2024.09.27 17:01:47-05'00'



Mount Steel (EPA)a per ANSI/TIA-222-H Section 2.6.11.2:

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	15.3	10.7	24.4	19.9
0.5	24.0	18.0	36.9	30.9
1	31.9	24.7	48.7	41.5

Notes:
- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 1 sector(s).
- Ka factors included in (EPA)a calculations

Requirements:

The existing mounts will be **SUFFICIENT** for the final loading configuration shown in attachment 2 upon the completion of the requirements listed below.

Contractor shall install OVP on a new 48" long P2 SCH40 pipe connected to the welded tabs of the Beta sector standoff.

Contractor shall record all dimensions and member sizes requested in the Mount Geometry Verification Requirements section of the Mount Analysis report. Contractor shall provide the requested information to Colliers Engineering & Design for structural verification while on site. Contact EOR if these documents are not available to the general contractor.

Contractor shall inspect climbing facilities and safety climb, if present, and ensure they are in good condition. Contractor shall install safety climb wire rope guides in locations where wire rope is rubbing against the mount or mount-to-tower connection steel. Wire brush clean any observed corrosion and protect with two (2) coats of cold galvanization (Zinga or Zinc Kote). Contractor shall provide photos of wire rope guide installation as part of PMI documents. Contact EOR if additional guidance is required.

ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other, if required. Separate review fees will apply.

Attachments:

1. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Photos
4. Desktop Mount Mapping Form (for reference only)
5. Analysis Calculations

① MOUNT ANALYSIS

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. PLEASE REFERENCE THE MOUNT ANALYSIS REPORT FOR COMPLETE MOUNT ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO VERIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONTRUCTION.

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-601	0