



BOARD OF COUNTY COMMISSIONERS AGENDA REQUEST

DATE: April 16, 2024
TO: Honorable Chairman and Distinguished Members of the Board
FROM: Tracy Stage
SUBJECT: Cellco Partnership d/b/a Verizon Wireless VPS Amendment One
DEPARTMENT: Airport
BCC DISTRICT: 2

STATEMENT OF ISSUE: The Airports Department requests approval by the Board of County Commissioners of Amendment One to the Cellco Partnership d/b/a Verizon Wireless Agreement for cellular antennas located at the Destin - Fort Walton Beach Airport (L14-0412-AP).


BACKGROUND: On September 16, 2014, Cellco Partnership d/b/a Verizon Wireless entered into a lease agreement to install antennas for cellular service at the Destin - Fort Walton Beach Airport. Verizon Wireless desires to amend this lease to add additional antennas throughout the Airport as described in this amendment. Verizon Wireless is in full compliance with all lease requirements. The County's Contract Lease internal coordination sheet is attached.

FUNDING SOURCE, (If Applicable): N/A
For recording fees: Department 4202 Account 549151

OPTIONS: Approve, Deny or Postpone

RECOMMENDATIONS: Approval of Amendment One of the Cellco Partnership d/b/a Verizon Wireless Agreement, as described above.

RECOMMENDED BY:


Tracy Stage, Airport Director 4/3/2024

APPROVED BY:


Craig Coffey, Deputy County Administrator - Operations 4/10/2024

**FIRST AMENDMENT TO AGREEMENT WITH
DESTIN-FORT WALTON BEACH AIRPORT
(formerly, NORTHWEST FLORIDA REGIONAL AIRPORT)**

This First Amendment to Agreement with Destin-Fort Walton Beach Airport (“**Amendment**”) is entered into this 16th day of April, 2024, by and between **Board of County Commissioners Okaloosa County, Florida**, with an address as c/o Destin-Fort Walton Beach Airport, 1701 State Road 85 North, Eglin Air Force Base, Florida 32542-1498 (“**County**”) and **Cellco Partnership d/b/a Verizon Wireless**, with its principal office located at One Verizon Way, Mail Stop 4AW100, Basking Ridge, New Jersey 07920 (“**Verizon Wireless**”). The County and Verizon Wireless are at times collectively referred to hereinafter as the “**Parties**” or individually as the “**Party**”.

WHEREAS, County and Verizon Wireless (as successor in interest to Verizon Wireless Personal Communications LP d/b/a Verizon Wireless) are Parties to that certain Agreement (referred to by County as L14-0412-AP) dated September 16, 2014 (the “**Agreement**”), pursuant to which County leases to Verizon Wireless certain spaces at County's premises located at 1701 State Road 85 North, Eglin Air Force Base, Florida 32542-1498, for the installation of an DAS as defined in the Agreement; and

WHEREAS, the Parties desire to amend the Agreement to memorialize the modification of the Leased Premises.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

1. Any capitalized terms used in this Amendment that are not defined herein have the meanings given those terms in the Agreement.
2. County hereby leases to Verizon Wireless the additional spaces depicted on **Exhibit A-1** attached hereto and incorporated herein. Such additional spaces shall hereafter be a portion of the “Leased Premises” and may be used for the purposes described in the Agreement as amended by this Amendment.
3. Exhibit A of the Agreement is hereby supplemented with **Exhibit A-1**, attached hereto and incorporated herein by reference. All references to Exhibit A in the Agreement are hereafter inclusive of Exhibit A-1.

4. The representatives listed under paragraph 32 shall be updated as follows:

If to COUNTY:

Okaloosa County Airports
Airports Director
1701 State Road 85 North, Suite 1
Eglin AFB, FL 32542-1498

If to VERIZON WIRELESS:

Cellco Partnership d/b/a Verizon Wireless
180 Washington Valley Road
Bedminster, NJ 07921
Attn: Network Real Estate

With a copy to: Basking Ridge Mail Hub
Attn: Legal Intake
One Verizon Way
Basking Ridge, NJ 07920

5. County and Verizon Wireless each hereby warrant to the other that the person executing this Amendment on behalf of the warranting Party has the full right, power and authority to enter into, and execute, this Amendment on that Party's behalf, and that no consent from any other person or entity is necessary as a condition precedent to the legal effect of this Amendment.

6. Except as specifically provided in this Amendment, the Agreement shall remain in full force and effect and shall continue to be binding upon, and enforceable against, County and Verizon Wireless in accordance with its terms. All covenants, terms and obligations of the Agreement not modified by this Amendment are hereby ratified and affirmed. The terms and provisions of this Amendment shall control in the event of any inconsistency or discrepancy between the Agreement and this Amendment.

[Signature Page Follows]

IN WITNESS WHEREOF, the Parties have executed this Amendment effective as of the day and year first above written.

ATTEST:

Board of County Commissioners Okaloosa County, Florida

J.D. Peacock II
Clerk of Circuit Court

By: _____
Name: Paul Mixon
Its: Chairman
Date: _____

WITNESSES:

Cellco Partnership d/b/a Verizon Wireless

Nancy Dale
Witness 1 Signature

By: Kadie Gavan
Name: Kadie Gavan
Its: Sr Dir-Ntwk Engring
Date: 3/12/2024

Nancy Dale
Witness 1 Printed Name

14123 Cicero Rd
Witness 1 Address

TH Paine
Witness 2 Signature

THOMAS PAINE
Witness 2 Printed Name

14123 CICERO ROAD
Witness 2 Address

EXHIBIT A-1

(See Attached)



PROPOSED DAS EQUIPMENT INSTALLATION
**DESTIN-FORT WALTON
 BEACH AIRPORT**

PSLC 274867
 MDG 5000255682

1701 FL-85,
 EGLIN AFB, FL 32542

CONSULTANT

CBVR
 TELECOM DESIGN GROUP
 6505 N HIMES AVE
 TAMPA, FLORIDA 33614
 (770) 853-1233
 F.L. CA. #AA26003007

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02-13-24

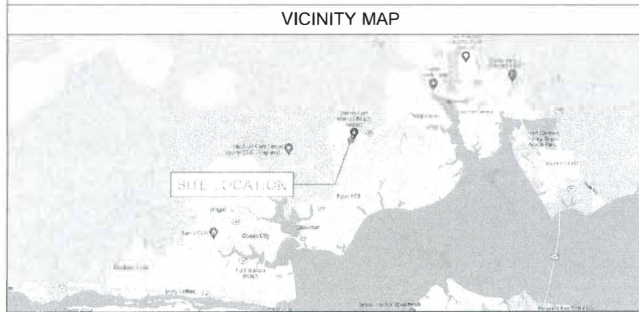
PREPARED FOR

verizon

PROJECT INFORMATION
 PROPOSED DAS EQUIPMENT
 INSTALLATION
**DESTIN-FORT
 WALTON BEACH
 AIRPORT**
 1701 FL-85
 EGLIN AFB, FL 32542

ISSUED TO	DATE	REVISION
0	08/22/23	PRELIM FOR REVIEW
1	08/23/23	ISSUED FOR PERMIT
2	10/25/23	ISSUED FOR REVIEW
3	10/27/23	ISSUED FOR REVIEW
4	01/28/24	ISSUED FOR REVIEW
5	02/13/24	ISSUED FOR PERMIT

SHEET NAME
TITLE SHEET
 SHEET NUMBER
T-1



PROPERTY SUMMARY

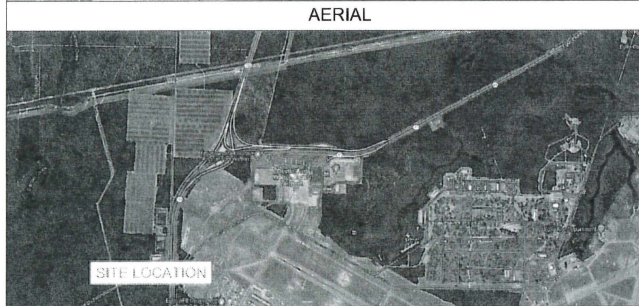
LATITUDE: 30° 29' 43.2632 N / 30.496461574
 LONGITUDE: 86° 32' 55.4216 W / -86.549005508
 COUNTY: OKALOOSA
 JURISDICTION:

DESIGN CRITERIA

DESIGN WIND SPEED: 142 VMPP
 EXPOSURE: B
 RISK CATEGORY: II
 TOPOGRAPHIC CATEGORY: TBD

INDEX OF DRAWINGS

SHT. NO.	DESCRIPTION	REV.
T-1	TITLE SHEET	
T-2	GENERAL NOTES	
T-3	AERIAL PHOTO / LOCATION PLAN	
C-1.0	MAIN TERMINAL A & B 1ST LEVEL IDF ROOM	
C-1.1	MAIN TERMINAL A & B 1ST FLOOR IDF ROOM	
C-2.0	MAIN TERMINAL A & B 2ND LEVEL FLOOR PLAN	
C-2.1	MAIN TERMINAL A & B 2ND FLOOR IDF ROOM C211	
C-2.2	MAIN TERMINAL A & B 2ND FLOOR IDF ROOM D213	
C-2.3	EXIST. ROOF - PROPOSED GPS LOCATION	
C-2.4	RADIO AND ANTENNA PLACEMENT	
C-3.0	TERMINAL C GROUND FLOOR PLAN	
C-3.1	TERMINAL C EXISTING IDF ROOM W-1227	
C-3.2	TERMINAL C EXISTING IDF ROOM W-1286	
C-4.0	ANTENNA AND REMOTE SPECS	
C-5.0	PENETRATION DETAILS	



DESIGN TEAM

ARCHITECT/ENGINEER:
 PATRICK VALENT, RA
 14068 NW 82 AVE
 MIAMI LAKES, FL 33016
 patrick.valent@cvbrietelecom.com

CONSTRUCTION NOTES

- CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.
- CONTRACTOR SHALL NOTIFY OWNER FOR ACCESS TO SITE.

PROJECT CONTACTS

VERIZON CONTACTS
 JEFFREY MCNARY
 jeffrey.mcnamary@verizonwireless.com

PLANS APPROVAL

THE UNDERSIGNED, HAVING FULL AUTHORITY TO APPROVE SYSTEM INSTALLATIONS AND MODIFICATIONS, ACKNOWLEDGES REVISION OF PLANS AND APPROVES THE PROPOSED WORK DETAILED HEREIN.

OWNER/ MANAGER

SIGNATURE _____ DATE _____

PRINTED NAME _____

PROJECT INFORMATION

- THIS IS AN UNMANNED FACILITY AND WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNALS FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE.
- VZW CERTIFIERS THAT THIS EQUIPMENT FACILITY WILL BE SERVICED ONLY BY CST EMPLOYEES AND SUBCONTRACTORS AND THE WORK ASSOCIATED WITH ANY EQUIPMENT CANNOT BE PERFORMED BY HANDICAPPED PERSONS. THIS FACILITY WILL BE FREQUENTED ONLY BY SERVICE PERSONNEL FOR REPAIR PURPOSES ONLY.
- NO POTABLE WATER SUPPLY IS TO BE PROVIDED AT THIS LOCATION.
- NO WASTEWATER WILL BE GENERATED AT THIS LOCATION.
- NO SOLID WASTE WILL BE GENERATED AT THIS LOCATION.

GENERAL NOTES

- 1 ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE AND/OR COUNTY AND PERMITTING JURISDICTION IN WHICH IT IS TO BE PERFORMED.
- 2 ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE PROPOSED AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
- 3 THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING THIS WORK.
- 4 ALL DIMENSIONS SHALL BE VERIFIED WITH THE PLANS (LATEST REVISION) PRIOR TO COMMENCING CONSTRUCTION. NOTIFY THE OWNER IMMEDIATELY IF DISCREPANCIES ARE DISCOVERED.
- 5 ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR MINIMUM ONE (1) YEAR FROM DATE OF ACCEPTANCE.

STRUCTURAL NOTE

- 1 DESIGN REQUIREMENTS PER APPLICABLE STATE AND LOCAL BUILDING CODE AND THE EIA/TIA-222-G-2 STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES. BASIC WIND SPEED AND ULTIMATE DESIGN WIND SPEED AS LISTED ON SHEET T-1.

EXISTING CONDITIONS AND STRUCTURES

- 1 SHOULD ANY ERROR OR INCONSISTENCY APPEAR IN THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK MUST MAKE MENTION OF THE SAME TO THE ENGINEER AND OWNER FOR PROPER ADJUSTMENT AND IN NO CASE PROCEED WITH THE WORK IN UNCERTAINTY OR WITH INSUFFICIENT DRAWINGS.
- 2 THE CONTRACTOR AND EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL MEASUREMENTS AT THE SITE BEFORE ORDERING ANY MATERIALS OR DOING ANY WORK. NO EXTRA CHARGE OR CONSIDERATION SHALL BE ALLOWED DUE TO DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY IN DIMENSIONS WHICH MAY BE FOUND SHALL BE SUBMITTED TO THE ENGINEER AND THE OWNER REPRESENTATIVE FOR CONSIDERATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK IN THE AFFECTED AREAS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED APPROVAL OF THE OWNER OR ITS REPRESENTATIVE.
- 3 PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL AREAS FROM DAMAGES WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGES TO NEW OR EXISTING SURFACES, STRUCTURES OR EQUIPMENT SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE PROPERTY OWNER. THE CONTRACTOR SHALL BEAR THE COST OF REPAIRING OR REPLACING ANY DAMAGES AREAS.
- 4 THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES AND EFFORTS TO PROTECT THE STRUCTURAL INTEGRITY OF EXISTING STRUCTURES. WHEN WORK IS PERFORMED IN THE VICINITY OF EXISTING STRUCTURE, THE STRUCTURAL INTEGRITY AND STABILITY SHALL BE MONITORED AT ALL TIMES DURING EVERY PHASE OF THE CONSTRUCTION.
- 5 THE PLANS SHOW SOME KNOWN SUBSURFACE STRUCTURES, ABOVE-GROUND STRUCTURES AND/OR UTILITIES BELIEVED TO EXIST IN THE WORKING AREA, EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATIONS INDICATED. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH PIPELINES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE AREA MAY BE SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BE HIS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK BEFORE YOU DIG, DRILL OR BLAST. CALL THE UNDERGROUND SERVICES ALERT NUMBER ON SHEET T1 AT THE REQUIRED TIME.
- 6 THE CONTRACTOR SHALL RESTORE ALL PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD OF CONDITION AS BEFORE DISTURBED AS DETERMINED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- 7 PROTECT FINISHED SURFACES INCLUDING JAMBS AND HEADS OF OPENINGS USED AS PASSAGEWAYS THROUGH WHICH EQUIPMENT AND LATERALS WILL PASS.
- 8 MAINTAIN FINISHED SURFACES CLEAN, UNARMED AND SUITABLY PROTECTED UNTIL JOB SITE IS ACCEPTED BY THE OWNER.

ACCESS

- 1 USE MOST DIRECT ROUTE FROM PUBLIC STREET AS AGREED TO BY COMPOUND OR BUILDING OWNER.
- 2 COORDINATE WITH SITE OWNER CONSTRUCTION SCHEDULE & SITE ACCESS. ENSURE THAT THE OWNER OF PARENT PARCEL IS NOTIFIED IN WRITING OF CONSTRUCTION ACTIVITIES.
- 3 A LIST OF WORKERS INVOLVED IN THIS PROJECT SHALL BE PROVIDED TO THE PROPERTY OWNER OR ITS REPRESENTATIVE.
- 4 THE CONTRACTOR SHALL COORDINATE ALL SPECIAL CONSIDERATIONS OF CONSTRUCTION SUCH AS NOISY OPERATION, INTERRUPTION OF ANY MECHANICAL AND/OR ELECTRICAL SERVICES, MATERIAL DELIVERIES AND STORAGE, STAGING AREA, CRANE LIFTS WITH THE OWNER PRIOR TO THE START OF THE WORK.
- 5 CONTRACTOR SHALL COORDINATE WITH AN OWNER REPRESENTATIVE, THE TEMPORARY REMOVAL OF FENCE, LANDSCAPING & ANY EXPECTED DAMAGE TO ACCESS ROAD OR ADJACENT REPAIR OF PROPERTY PRIOR TO COMMENCING THE WORK.
- 6 THE CONTRACTOR SHALL COORDINATE WORK HOURS & STAGING AREAS WITH OWNER.
- 7 CONTRACTOR TO NOTIFY PROPERTY OWNER OF CONSTRUCTION START DATE WELL IN ADVANCE OF CONSTRUCTION.

DEMOLITION SPECIFICS

- 1 GENERAL CONTRACTOR IS TO DEMOLISH AND REMOVE FROM SITE (AND DISPOSE OF APPROPRIATELY) ALL ITEMS NOTED FOR DEMOLITION IN THE ARCHITECTURAL, CIVIL, ELECTRICAL AND/OR STRUCTURAL DRAWINGS, INCLUDING BELOW GRADE FOUNDATION AND STRUCTURES. CONTRACTOR SHALL COORDINATE WITH THE OWNER REPRESENTATIVE THE DISPOSAL OF EQUIPMENT & MATERIALS.
- 2 GENERAL CONTRACTOR IS TO EXERCISE UTMOST CARE DURING DEMOLITION AND PROMPTLY INFORM THE ENGINEER OF ANY DEVIATION TO THE EXISTING STRUCTURE FROM WHAT IS SHOWN IN THESE PLANS PRIOR TO PROCEEDING WITH THE WORK.

- 3 GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SHORING, BRACING, PROVIDING LATERAL SUPPORT AND FOR MAINTAINING THE INTEGRITY OF THE EXISTING STRUCTURE DURING ALL PHASES OF THE DEMOLITION AND CONSTRUCTION AND SHALL PROVIDE, IF REQUIRED, SIGNED & SEALED SHOP DRAWINGS, BY A REGISTERED PROFESSIONAL ENGINEER, FOR THE SHORING OF ALL WALLS, BEAMS, SLABS, ROOF JOISTS, OR OTHER ELEVATED STRUCTURAL ITEMS, THAT ARE HAVING THE SUPPORT BELOW NOTED FOR DEMOLITION.

CUTTING AND PATCHING:

- 1 MAKE OPENINGS OF PROPER SIZE FOR CONDUIT, DUCTS, PIPES AND OTHER ITEMS PASSING THROUGH OPENINGS. MAKE SURE ALL NEW HOLES OR OPENINGS BE WEATHER TIGHT OR ARE SAFE AS REQUIRED BY LOCAL BUILDING CODES & ORDINANCES.
- 2 PREPARE, SUBMIT AND RECEIVE APPROVAL OF SLEEVES AND OPENING DRAWINGS BEFORE LOCATING SLEEVES AND OPENINGS IN NEW CONSTRUCTION AND BEFORE DRILLING EXISTING STRUCTURE. SHOW EACH OPENING AND SLEEVE IN THE ENTIRE PROJECT.

INSPECTIONS

- 1 DURING AND UPON COMPLETION OF WORK, ARRANGE AND PAY ALL ASSOCIATED INSPECTIONS OF ALL WORK INSTALLED UNDER THIS CONTRACT AND IN ACCORDANCE WITH THE CONDITIONS OF THE CONTRACT.
- 2 INSPECTIONS REQUIRED AS PER THE LAWS AND REGULATIONS OF THE LOCAL AND/OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE.
- 3 INSPECTION AGENCY APPROVED BY THE LOCAL MUNICIPALITY OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE.

PROJECT INFORMATION

- 1 THIS IS AN UNMANNED FACILITY AND WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNALS FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE.
- 2 THIS EQUIPMENT FACILITY WILL BE SERVICED ONLY BY VERIZON WIRELESS EMPLOYEES AND SUBCONTRACTORS AND THE WORK ASSOCIATED WITH ANY EQUIPMENT CANNOT BE PERFORMED BY HANDICAPPED PERSONS. THIS FACILITY WILL ONLY BE FREQUENTED ONLY BY SERVICE PERSONNEL FOR REPAIR PURPOSES ONLY.
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CBVR
TELECOM DESIGN GROUP

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FL CA #AA26003007

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02-13-24

PREPARED FOR



verizon

PROJECT INFORMATION

PROPOSED DAS EQUIPMENT
INSTALLATION
**DESTIN-FORT
WALTON BEACH
AIRPORT**
1701 FL- 85
EGLIN AFB FL 32542

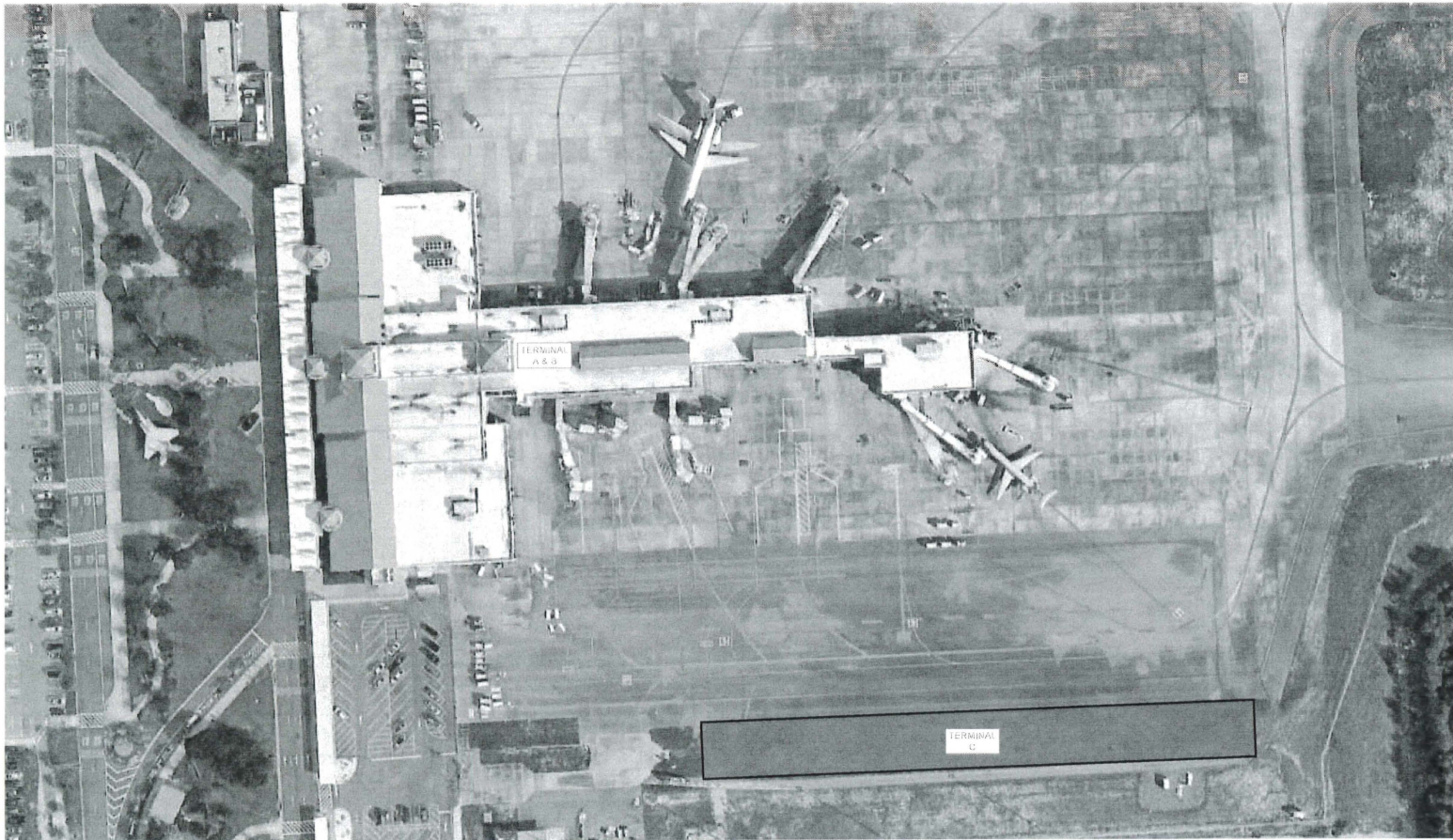
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1	ISSUED FOR PERMIT	08/23/23
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3	ISSUED FOR REVIEW	10/27/23
4	ISSUED FOR REVIEW	01/28/24
5	ISSUED FOR PERMIT	02/13/24

SHEET NAME

GENERAL NOTES

SHEET NUMBER

T-2



AERIAL PHOTO/ LOCATION PLAN

NOT TO SCALE

CONSULTANT

CBVR

TELECOM DESIGN GROUP

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TAMPA, FLORIDA 33614
(770) 853-1233
FL CA #AA2003007

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PROFESSIONAL SEAL



02-13-24

PREPARED FOR



verizon

PROJECT INFORMATION

PROPOSED DAS EQUIPMENT
INSTALLATION

**DESTIN-FORT
WALTON BEACH
AIRPORT**

1701 FL-85
EGLIN AFB, FL 32542

ISSUED DATES

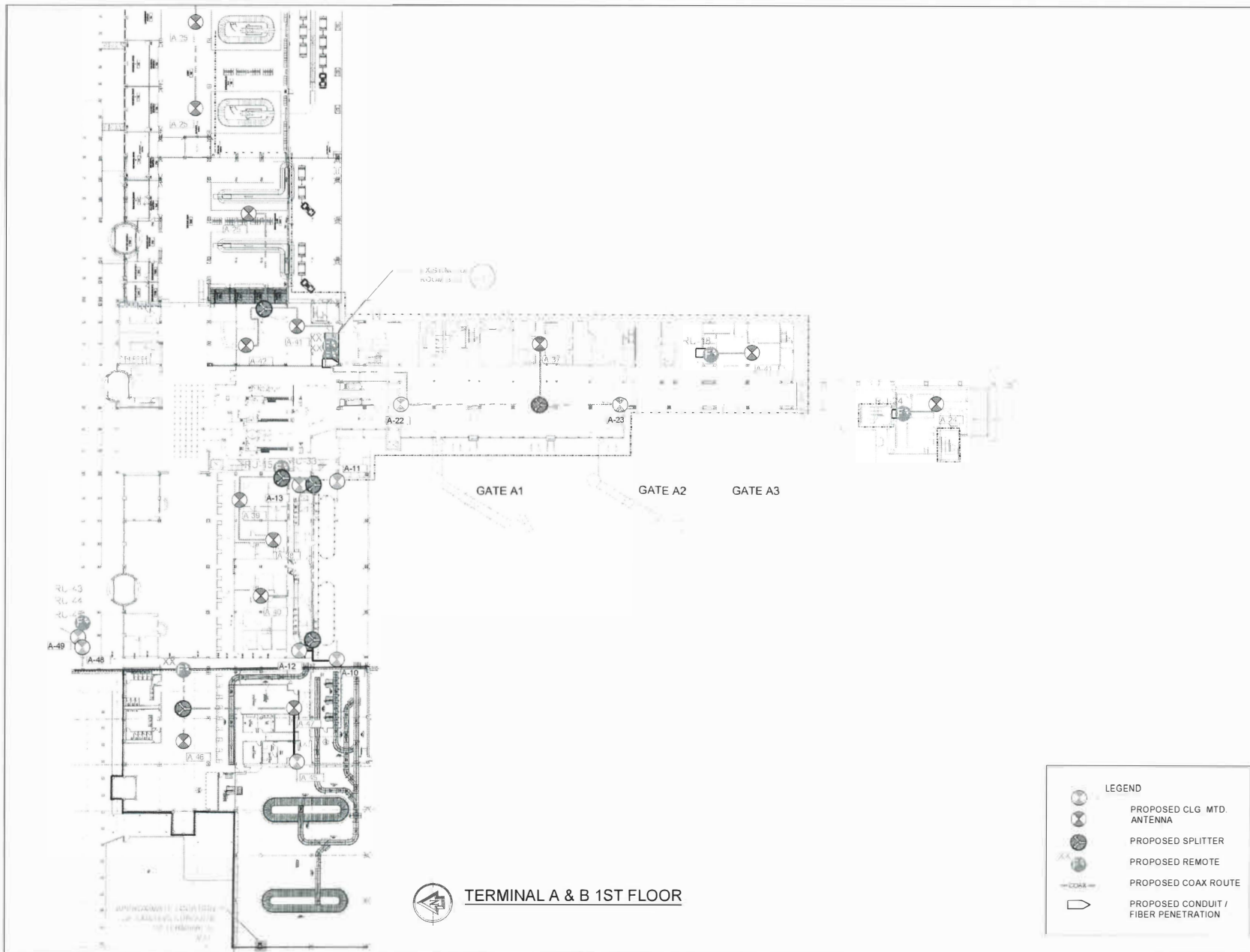
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5	ISSUED FOR PERMIT	02/13/24

SHEET NAME

**AERIAL PHOTO/
LOCATION PLAN**

SHEET NUMBER

T-3



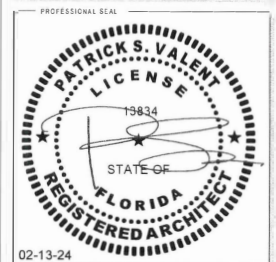
— COVER SHEET —

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PROJECT INFORMATION

PROPOSED DAS EQUIPMENT
INSTALLATION

**DESTIN-FORT
WALTON BEACH
AIRPORT**

1701 FL-85
EGLIN AFB, FL 32542

ISSUED DATES

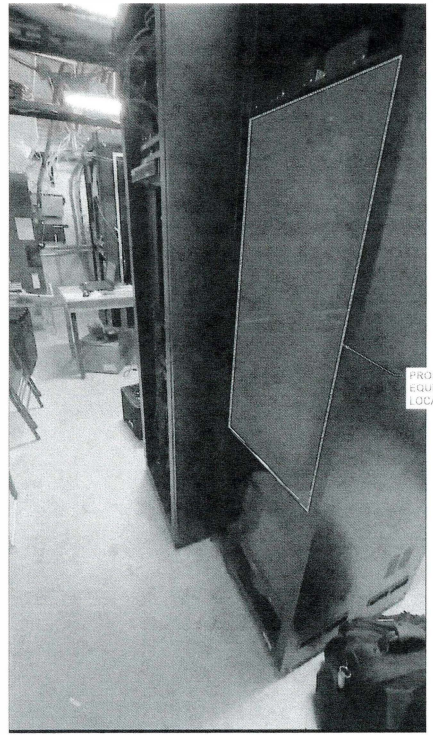
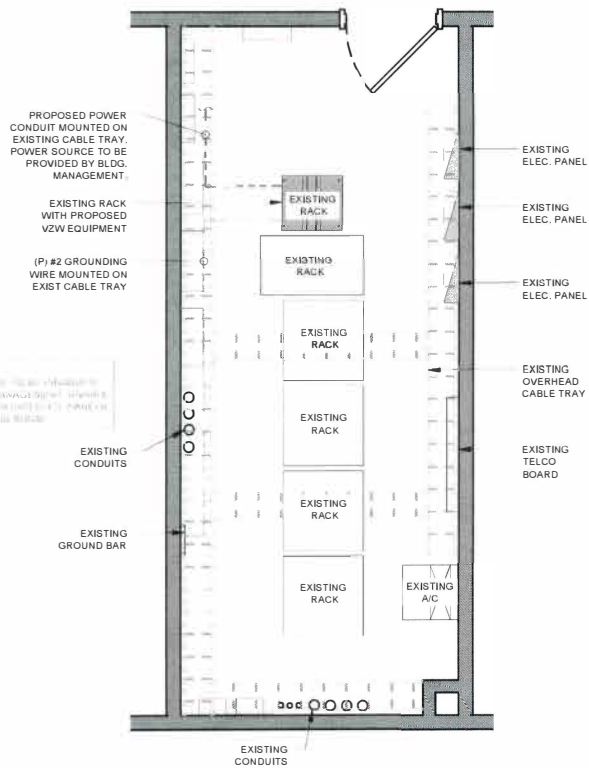
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5	ISSUED FOR PERMIT	02/13/24

SHEET NAME

**TERMINAL A & B
1ST FLOOR PLAN**

SHEET NUMBER

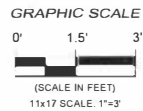
C-1.0



IDF ROOM B127 - PROPOSED EQUIPMENT LOCATION

1
C-1.1

IDF ROOM B127 - FLOOR PLAN



(UNPLIEN)

CBVR

TELECOM DESIGN GROUP
5505 N HIMES AVE
TAMPA, FLORIDA 33614
(770) 832-1233
FL CA #AA26003007

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PROFESSIONAL SEAL

02-13-24

PREPARED FOR

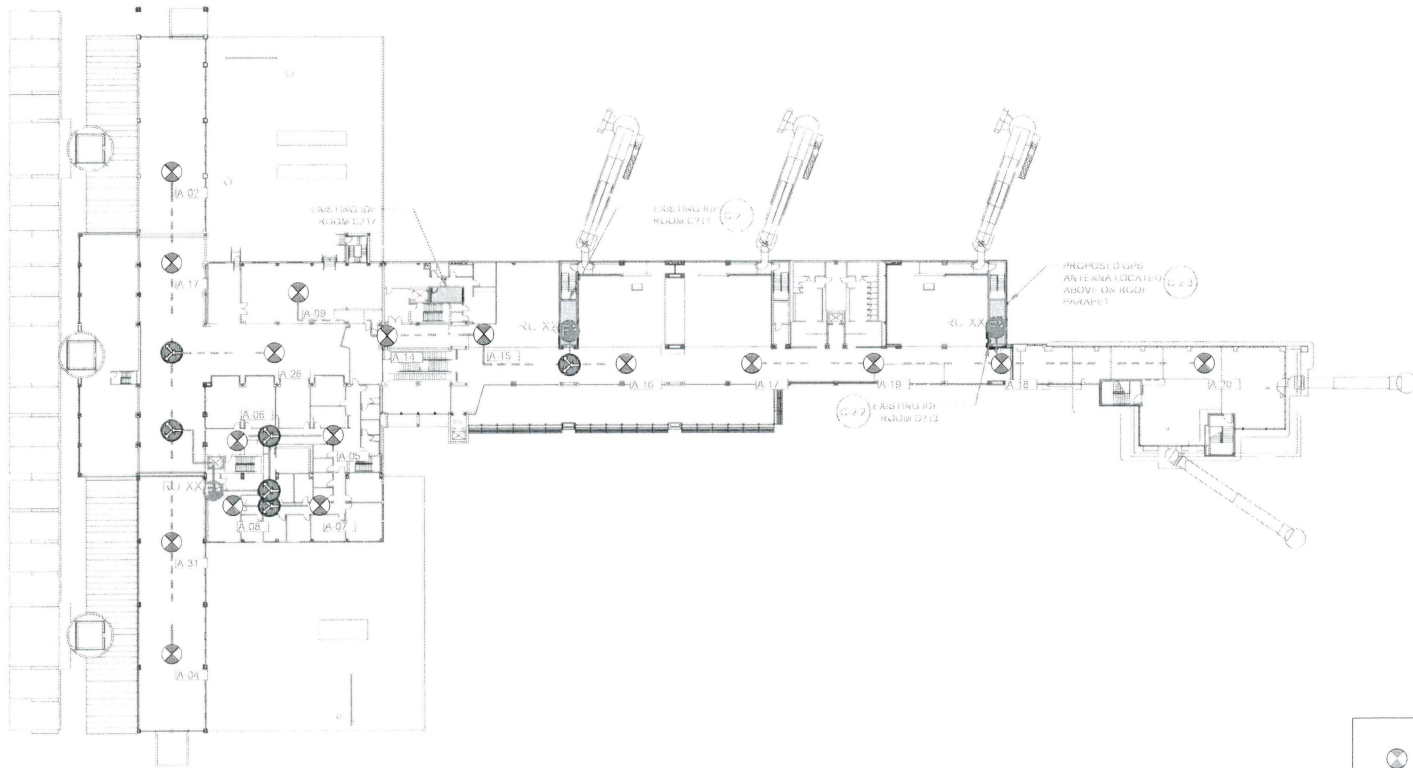
verizon

PROJECT INFORMATION
PROPOSED DAS EQUIPMENT
INSTALLATION
**DESTIN-FORT
WALTON BEACH
AIRPORT**
1701 FL- 85
EGLIN AFB, FL 32542

ISSUED FOR	DATE	BY
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SHEET NAME
**1ST FLOOR IDF
ROOM**

SHEET NUMBER
C-1.1



 **TERMINAL A & B 2ND FLOOR**

LEGEND

-  PROPOSED CLG. MTD. ANTENNA
-  PROPOSED SPLITTER
-  PROPOSED REMOTE
-  PROPOSED COAX ROUTE
-  PROPOSED CONDUIT / FIBER PENETRATION

CONSULTANT

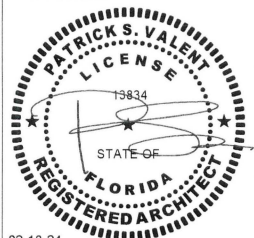
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PROFESSIONAL SEAL



02-13-24

PREPARED FOR



verizon

PROJECT INFORMATION

PROPOSED DAS EQUIPMENT
INSTALLATION

**DESTIN-FORT
WALTON BEACH
AIRPORT**

1701 FL-85
EGLIN AFB, FL 32542

ISSUED DATE

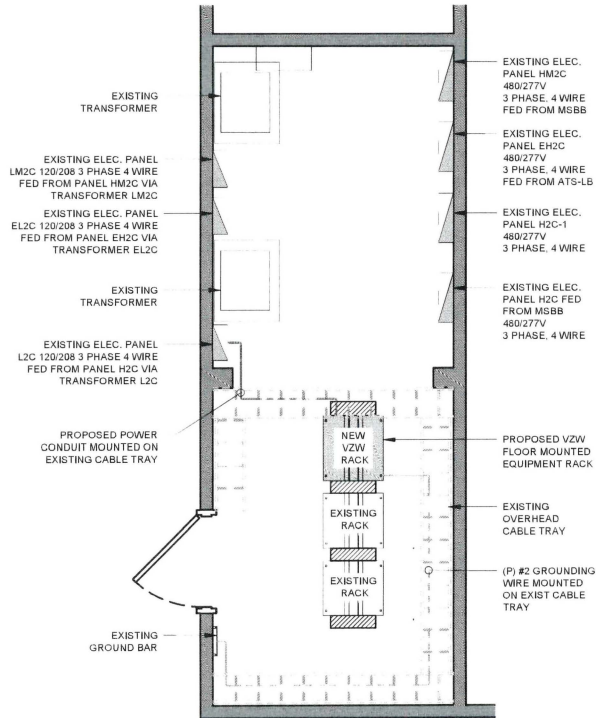
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3	ISSUED FOR REVIEW	10/27/23
4	ISSUED FOR REVIEW	01/26/24
5	ISSUED FOR PERMIT	02/13/24

SHEET NAME

**TERMINAL A & B
2ND FLOOR**

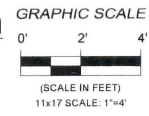
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C-2.0



1
C-2.1

IDF ROOM C211 - FLOOR PLAN

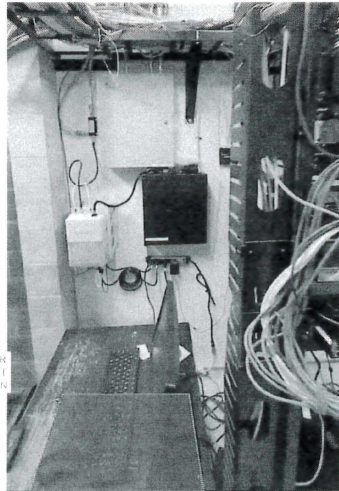


PROPOSED FLOOR MOUNTED EQUIPMENT RACK LOCATION



EXISTING ELEC CIRCUITS TO POWER PROPOSED VZW EQUIPMENT

IDF ROOM C211 - EXISTING ELEC PANEL L2C



IDF ROOM C211 - PROPOSED EQUIPMENT LOCATION

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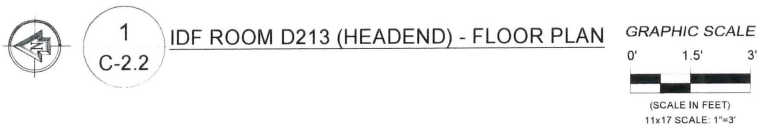
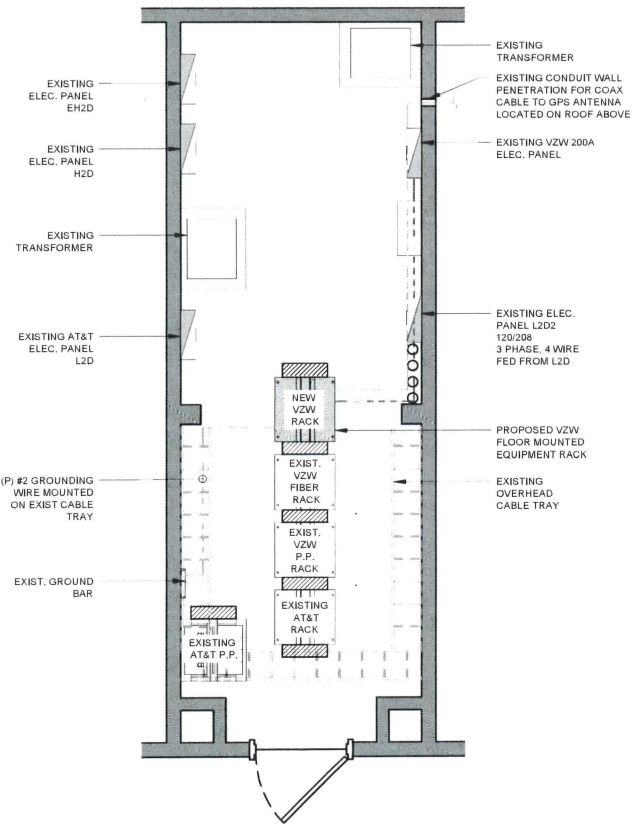
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PROJECT INFORMATION
 PROPOSED DAS EQUIPMENT
 INSTALLATION
**DESTIN-FORT
 WALTON BEACH
 AIRPORT**
 1701 FL-85
 EGLIN AFB, FL 32542

ISSUED	DATE	DESCRIPTION
0	08/22/23	PRELIM FOR REVIEW
1	08/23/23	ISSUED FOR PERMIT
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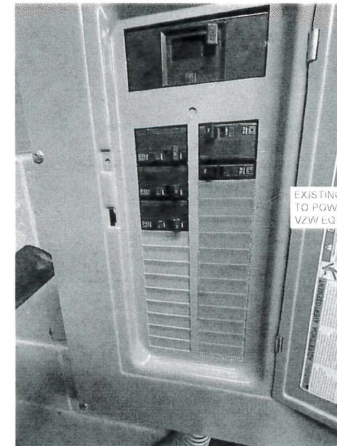
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**2ND FLOOR IDF
 ROOM**

SHEET NUMBER
C-2.1



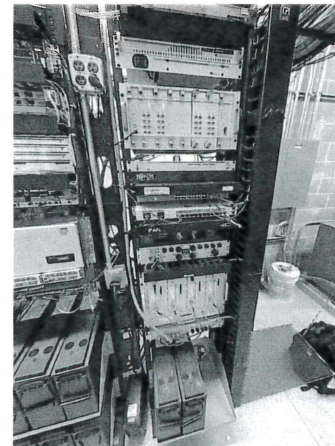
1 IDF ROOM D213 (HEADEND) - FLOOR PLAN

C-2.2



EXISTING ELEC CIRCUITS TO POWER PROPOSED VZW EQUIPMENT

IDF ROOM D213 - EXISTING VZW ELEC PANEL



PROPOSED FLOOR MOUNTED EQUIPMENT RACK LOCATION

IDF ROOM D213 - PROPOSED EQUIPMENT LOCATION

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PROJECT INFORMATION
PROPOSED DAS EQUIPMENT
INSTALLATION
**DESTIN-FORT
WALTON BEACH
AIRPORT**
1701 FL-85
EGLIN AFB, FL 32542

ISSUED DATES

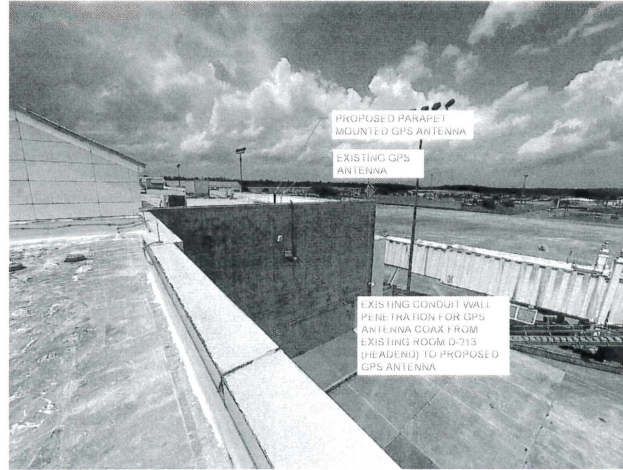
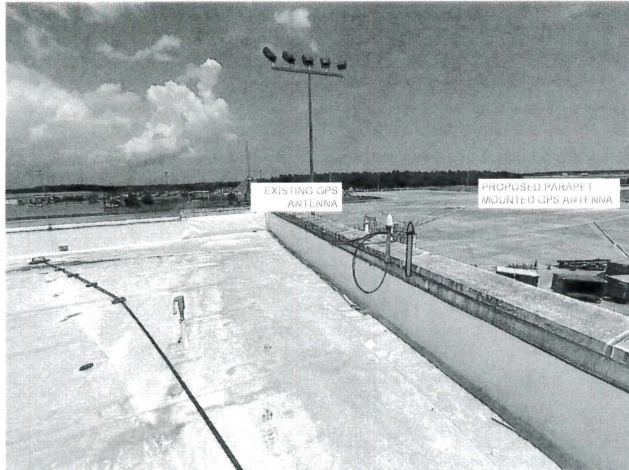
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5	ISSUED FOR PERMIT	02/13/24

SHEET NAME

**2ND FLOOR IDF
ROOM**

SHEET NUMBER

C-2.2



EXISTING ROOF - PROPOSED VZW GPS ANTENNA LOCATION

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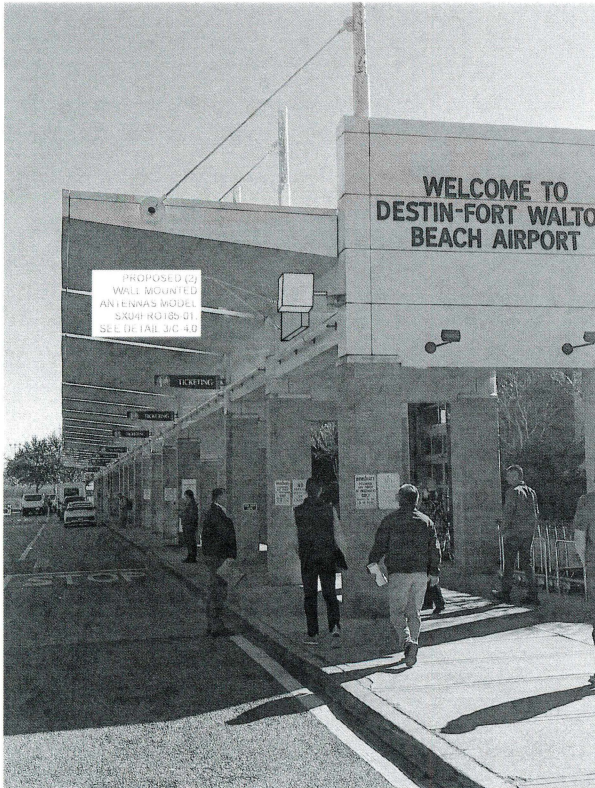
verizon

PRODUCT INFORMATION
PROPOSED DAS EQUIPMENT
INSTALLATION
**DESTIN-FORT
WALTON BEACH
AIRPORT**
1701 FL-85
EGLIN AFB, FL 32542

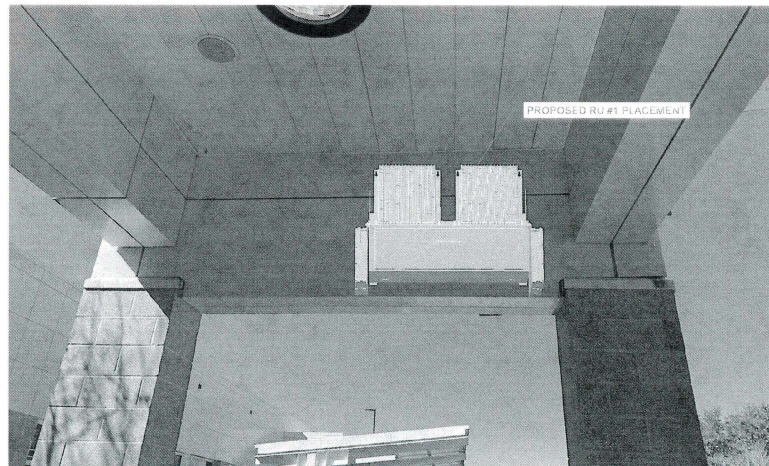
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SHEET NAME
**ROOF GPS ANTENNA
LOCATION**

SHEET NUMBER
C-2.3



PROPOSED OUTDOOR LOCATION - ANTENNA PLACEMENTS



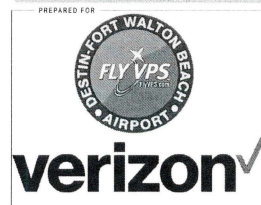
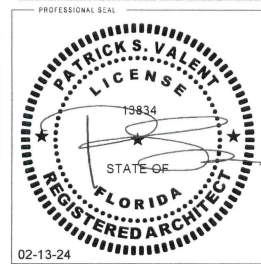
PROPOSED OUTDOOR LOCATION - RADIO PLACEMENTS

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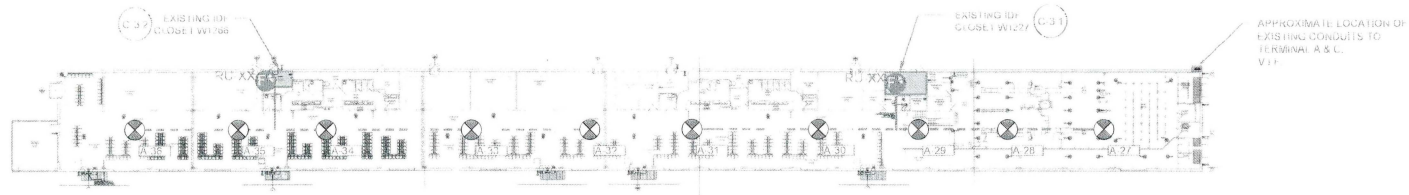
PROJECT INFORMATION
 PROPOSED DAS EQUIPMENT
 INSTALLATION
**DESTIN-FORT
 WALTON BEACH
 AIRPORT**
 1701 FL-85
 EGLIN AFB, FL 32542

ISSUED DATES

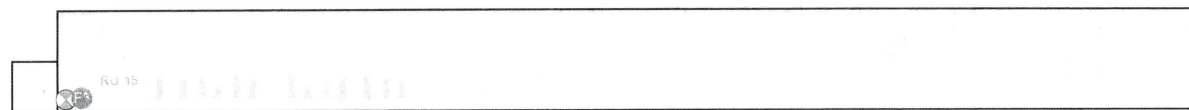
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SHEET NAME
**ANTENNA AND RADIO
 PLACEMENT**






SHEET NUMBER
C-2.4



 **TERMINAL C 1ST FLOOR**



 **TERMINAL C ROOF PLAN**

LEGEND	
	PROPOSED CLG. MTD. ANTENNA
	PROPOSED SPLITTER
	PROPOSED REMOTE
	PROPOSED COAX ROUTE
	PROPOSED CONDUIT / FIBER PENETRATION

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PROJECT INFORMATION

**PROPOSED DAS EQUIPMENT
 INSTALLATION
 DESTIN-FORT
 WALTON BEACH
 AIRPORT**
 1701 FL-85
 EGLIN AFB, FL 32542

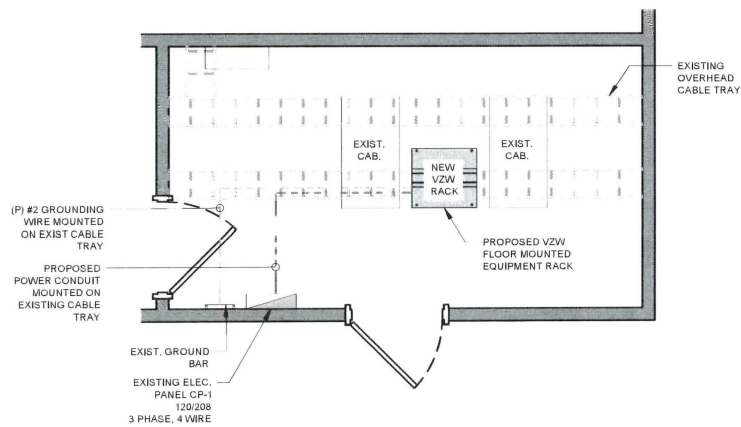
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5	ISSUED FOR PERMIT	02/13/24

SHEET NAME

**TERMINAL C
 GROUND FLOOR**

SHEET NUMBER

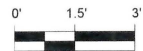
C-3.0



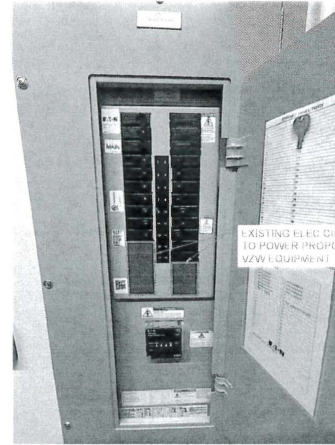
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C-3.1

IDF ROOM W1227 - FLOOR PLAN

GRAPHIC SCALE

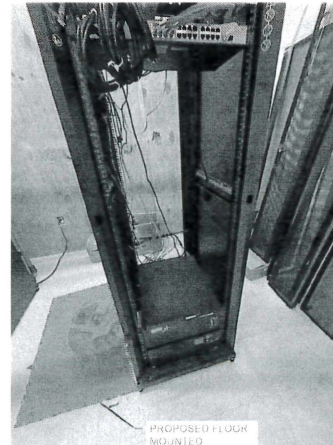


(SCALE IN FEET)
11x17 SCALE: 1"=3'



EXISTING ELEC CIRCUITS TO POWER PROPOSED VZW EQUIPMENT

IDF ROOM W1227 - EXISTING ELEC PANEL CP-1



PROPOSED FLOOR MOUNTED EQUIPMENT RACK LOCATION

IDF ROOM W1227 - PROPOSED EQUIPMENT LOCATION

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02-13-24

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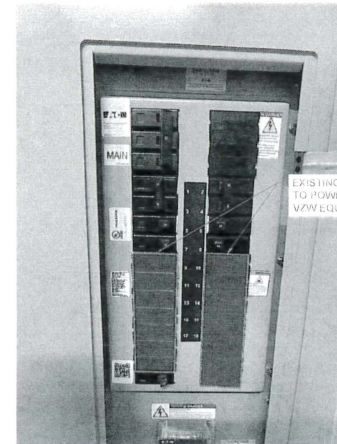
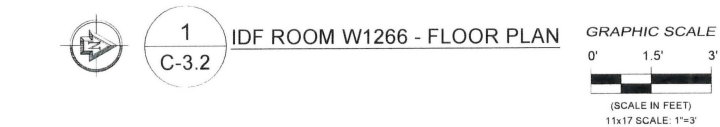
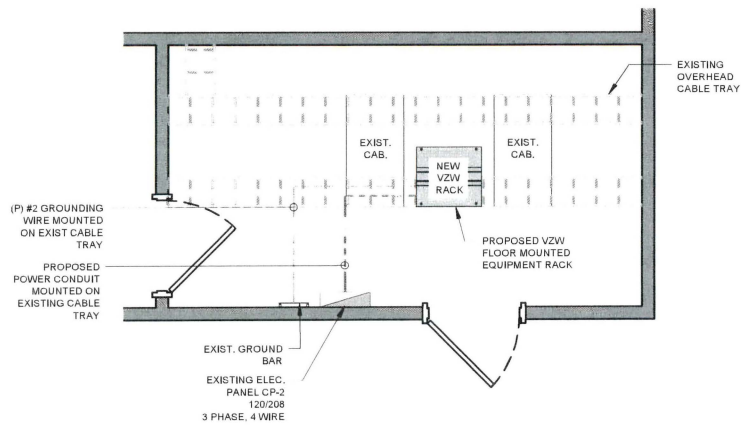
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PROJECT INFORMATION
PROPOSED DAS EQUIPMENT
INSTALLATION
**DESTIN-FORT
WALTON BEACH
AIRPORT**
1701 FL-85
EGLIN AFB, FL 32542

ISSUED ON	DESCRIPTION	DATE
0	PRELIM FOR REVIEW	08/22/23
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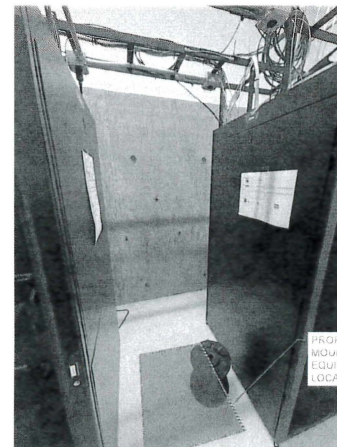
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**TERMINAL C 1ST
FLOOR IDF ROOM**

SHEET NUMBER
C-3.1



EXISTING ELEC CIRCUITS TO POWER PROPOSED VZW EQUIPMENT

IDF ROOM W1266 - EXISTING ELEC PANEL CP-2



PROPOSED FLOOR MOUNTED EQUIPMENT RACK LOCATION

IDF ROOM W1266 - PROPOSED EQUIPMENT LOCATION

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02-13-24

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PROJECT INFORMATION
PROPOSED DAS EQUIPMENT
INSTALLATION
**DESTIN-FORT
WALTON BEACH
AIRPORT**
1701 FL- 85
EGLIN AFB, FL 32542

ISSUED DATE		
0	PRELIM FOR REVIEW	08/22/23
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5	ISSUED FOR PERMIT	02/13/24

SHEET NAME
**TERMINAL C 1ST FLOOR
IDF ROOM**

SHEET NUMBER
C-3.2

4 NOT USED
C-4.0

3 ANTENNA SPEC
C-4.0

JMA SX04FR0165-01
NWAV™ X-Pol Antenna

Antenna Key Features

Dimensions (height/width/depth)	14.0 x 6.0 x 10.0 (357 x 152 x 254)
No. of RF input ports, connector type, and location	4 x 4 N-Type ports
RF connector service	30 dB max return loss
Max antenna weight (lb/kg)	5.2 (2.4)
Height with included bracket (ft/dm)	14.7 (4.5)
Shipping weight, lb./kg	21.5 (9.8)
Required bracket kit	10-000000 (included)
Mechanical draw (B) range	10° (20° lateral, 10° vertical) and 0° (20° vertical) (optional)
Material used for main system, each body	2019-T3 aluminum (main system) and 6061-T6 aluminum (main system)
Finish and coating (B) (1) (2) (3) (4) (5)	3.0 (2019-T3) and 3.0 (6061-T6)
Equivalent flat plate (B) (1) (2) (3) (4) (5)	5.0

Key View

Side View

Front View

Antenna Key Features

- Outstanding pattern performance
- 2x2 MIMO DAS and Small Cell ceiling mount antenna
- Wide band OMNI covering 617-6025 MHz
- PIM certified @ 2x20 watts
- Excellent Return Loss performance
- Thin mount for normal bnc surface mount for metallic, tile and hard surface applications

Performance Specifications

Frequency (MHz)	617-650	650-710	710-824	824-895	895-1000	1000-1200	1200-1300	1300-1500
Pattern (dB)	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Impedance (ohm)	50	50	50	50	50	50	50	50
Horizontal beam width	Omni (20°)							
Gain, dBi, max	4.6	5.2	5.1	5.2	5.1	5.2	5.1	5.2
Gain, dBi, min	3.7	5.7	5.1	5.1	5.4	5.1	5.4	5.5
Isolation, dB, typ	20	25	20	20	24	24	24	24
VSWR (max)	1.5:1	1.8:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1
Return loss, dB, max	12.5	12.2	14.3	14.0	10.3	14.0	14.0	10.0
Return loss, dB, min	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Maximum input power (port)	43W							

Physical Specifications

Dimensions (width/height) (in./mm)	5.2 x 7.5 (133 x 191)
No. of RF input ports, connector type	2 x 4 N-Type
Connector length	46.23 (in) 1169.5 (mm)
Antenna weight (lb./kg)	0.2 (0.9)
Shipping weight (lb./kg)	1.0 (4.5)
Mounting	Center of surface mount
Application	Indoor
Operating temperature	40° F (-40° C) to 140° C (104° C)
Signals	170° (360° omni)

Notes:

1. All dimensions are given in inches and millimeters. Dimensions are given in inches and millimeters. Dimensions are given in inches and millimeters.
2. All dimensions are given in inches and millimeters. Dimensions are given in inches and millimeters. Dimensions are given in inches and millimeters.
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Product Specifications
TEKO DAS Platform US
Six-band, medium-power remote units

JMA

MODELS:
TRM7EBAE19HAWK23AT TRM7EBAE19HAWK23DT

The TRM7EBAE19HAWK23AT and TRM7EBAE19HAWK23DT are dual medium-power remote units, operating in the 700MHz, 800MHz, 900MHz, 1900MHz, and PCS bands, and in the 700MHz platform, the most advanced distributed antenna system (DAS) in the industry.

The TRM7EBAE19HAWK23AT and TRM7EBAE19HAWK23DT are designed to offer flexible and robust wireless coverage and capacity for backhaul and indoor environments.

TEKO medium-power remote units have been extensively designed for high quality of service and easy set up.

- Automatic Gain Control (AGC) on the optical line with the Master Unit, for constant gain independently of optical loss.
- Linear Power Amplifiers expressly designed for 3RD reduction over the entire bandwidth.
- Automatic Level Control (ALC) in the US, built independent for each band, for maximum quality of service.
- RF Antenna connectors expressly designed for multi-operations functioning providing high isolation and low passive intermodulation (PIM).
- Interchangeable Maintenance (EMM) for faster communications with the Master Unit over the radio optical line.
- Optical remote unit up to 200m (12 miles).
- Remote and proximate operational design, for easy installation and operational robustness.
- Optional hot plugging fiber optic, for installation in harsh environments.

TEKO remote units are available in a wide range of different environments, all for:

- Single band - Multi-band
- Operating frequencies from 800 to 2.0GHz, complying with all the major standards, multi-carrier standards for Mobile Communications and Public Safety.
- Different power classes.

They represent the ideal solution for cellular coverage extension and capacity distribution in any indoor application, campuses, large venues as well as in remote outdoor locations.

Warning:

This is not a consumer device. It is a piece of equipment and is not intended for use in a residential environment. It is not intended for use in a residential environment. It is not intended for use in a residential environment.

Warning for Public Safety bands:

This is not a consumer device. It is a piece of equipment and is not intended for use in a residential environment. It is not intended for use in a residential environment. It is not intended for use in a residential environment.

2 RADIO SPEC.
C-4.0

1 ANTENNA SPEC.
C-4.0

JMA IV02OM136-M4
NWAV™ Wide Band OMNI MIMO Antenna

MIMO 360° High Performance OMNI antenna, 2 ports 617-6025 MHz

- Outstanding pattern performance
- 2x2 MIMO DAS and Small Cell ceiling mount antenna
- Wide band OMNI covering 617-6025 MHz
- PIM certified @ 2x20 watts
- Excellent Return Loss performance
- Thin mount for normal bnc surface mount for metallic, tile and hard surface applications

Performance Specifications

Frequency (MHz)	617-650	650-710	710-824	824-895	895-1000	1000-1200	1200-1300	1300-1500
Pattern (dB)	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Impedance (ohm)	50	50	50	50	50	50	50	50
Horizontal beam width	Omni (20°)							
Gain, dBi, max	4.6	5.2	5.1	5.2	5.1	5.2	5.1	5.2
Gain, dBi, min	3.7	5.7	5.1	5.1	5.4	5.1	5.4	5.5
Isolation, dB, typ	20	25	20	20	24	24	24	24
VSWR (max)	1.5:1	1.8:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1
Return loss, dB, max	12.5	12.2	14.3	14.0	10.3	14.0	14.0	10.0
Return loss, dB, min	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Maximum input power (port)	43W							

Physical Specifications

Dimensions (width/height) (in./mm)	5.2 x 7.5 (133 x 191)
No. of RF input ports, connector type	2 x 4 N-Type
Connector length	46.23 (in) 1169.5 (mm)
Antenna weight (lb./kg)	0.2 (0.9)
Shipping weight (lb./kg)	1.0 (4.5)
Mounting	Center of surface mount
Application	Indoor
Operating temperature	40° F (-40° C) to 140° C (104° C)
Signals	170° (360° omni)

Notes:

1. All dimensions are given in inches and millimeters. Dimensions are given in inches and millimeters. Dimensions are given in inches and millimeters.
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CONSULTANT

CBVR

TELECOM DESIGN GROUP

6505 N HIMES AVE
TAMPA, FLORIDA 33614
(778) 853-1233
FL CA #AA26003007

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PROFESSIONAL SEAL

PATRICK S. VALENT
LICENSE
13834
STATE OF
FLORIDA
REGISTERED ARCHITECT

02-13-24

PREPARED FOR

DESTIN-FORT WALTON BEACH
FLY VPS
AIRPORT

verizon

PROJECT INFORMATION
PROPOSED DAS EQUIPMENT
INSTALLATION
**DESTIN-FORT
WALTON BEACH
AIRPORT**
1701 FL-85
EGLIN AFB, FL 32542

ISSUE DATES

0	PRELIM FOR REVIEW	08/22/23
1	ISSUED FOR PERMIT	08/23/23
2	ISSUED FOR REVIEW	10/25/23
3	ISSUED FOR REVIEW	10/27/23
4	ISSUED FOR REVIEW	10/26/24
5	ISSUED FOR PERMIT	02/13/24

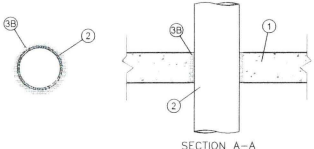
SHEET NAME
**ANTENNA AND REMOTE
SPEC.**

SHEET NUMBER
C-4.0

GUIDE XHEZ
THROUGH-PENETRATION FIRESTOP SYSTEMS

(01/01/00)
C-AJ-1089 - A CARD

SYSTEM NO. C-AJ-1089
(FORMERLY SYSTEM NO. 476)
F RATING - 3 HR
T RATING - 1/2 HR



(CONT'D ON C-AJ-1089 - B CARD)

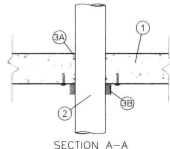
GUIDE XHEZ 01/01/00
THROUGH-PENETRATION C-AJ-1089 - B CARD
FIRESTOP SYSTEMS

SYSTEM NO. C-AJ-1089
(FORMERLY SYSTEM NO. 476)
F RATING - 3 HR
T RATING - 1/2 HR
1. FLOOR OR WALL ASSEMBLY - MIN 4-1/2 IN. THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS. MAX DIAM OF OPENING IS 8 IN.
SEE CONCRETE BLOCK (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
2. THROUGH PENETRANTS - ONE METALLIC PIPE, CONDUIT OR TUBING TO BE CENTERED WITHIN THE FIRESTOP SYSTEM. A NOM ANNULAR SPACE OF 1/16 IN. IS REQUIRED WITHIN FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:
A. STEEL PIPE - NOM 6 IN. DIAM (OR SMALLER) SCHEDULE 5 (OR HEAVIER) STEEL PIPE.
B. IRON PIPE - NOM 6 IN. DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.
C. CONDUIT - NOM 4 IN. DIAM (OR SMALLER) ELECTRICAL METALLIC TUBING OR NOM 6 IN. DIAM (OR SMALLER) RIGID GALV STEEL CONDUIT.
3. FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:
A. FORMS - (NOT SHOWN) - USED AS A FORM TO PREVENT LEAKAGE OF FILL MATERIAL DURING INSTALLATION. FORMS TO BE A RIGID SHEET MATERIAL CUT TO FIT THE CONTOUR OF THE PENETRATING ITEM AND FASTENED TO THE UNDERSIDE OF FLOOR OR BOTH SIDES OF WALL. FORMS TO BE REMOVED AFTER FILL MATERIAL HAS CURED.
B. FILL, VOID OR CAVITY MATERIAL - MORTAR - MIN 4-1/2 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH TOP SURFACE OF FLOOR OR WITH BOTH SURFACES OF WALL. MORTAR IS TO MIXED AT A RATE OF 1.2 PARTS DRY MIX TO ONE PART WATER BY WEIGHT IN ACCORDANCE WITH THE FILL MATERIAL MANUFACTURER'S INSTALLATION INSTRUCTIONS.
SPECIFIED TECHNOLOGIES INC. - SPECSAL MORTAR.
*BEARING THE UL CLASSIFICATION MARKING

GUIDE XHEZ
THROUGH-PENETRATION FIRESTOP SYSTEMS

(01/01/00)
C-AJ-2038 - A CARD

SYSTEM NO. C-AJ-2038
(FORMERLY SYSTEM NO. 534)
F RATING - 3 HR
T RATING - 3 HR
L RATING AT AMBIENT - 1 CFM/SQ FT
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT



(CONT'D ON C-AJ-2038 - B CARD)

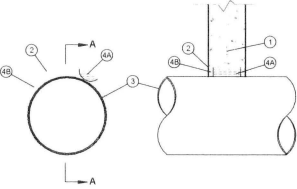
GUIDE XHEZ 01/01/00
THROUGH-PENETRATION C-AJ-2038 - B CARD
FIRESTOP SYSTEMS

SYSTEM NO. C-AJ-2038
(FORMERLY SYSTEM NO. 534)
F RATING 3 HR
T RATING 3 HR
L RATING AT AMBIENT - 1 CFM/SQ FT
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT
1. FLOOR OR WALL ASSEMBLY - MIN 4-1/2 IN. THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. FLOOR MAY ALSO BE CONSTRUCTED OF ANY MIN 6 IN. THICK UL CLASSIFIED HOLLOW-CORE PRECAST CONCRETE UNITS. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS. MAX DIAM OF OPENING IS 5 IN.
SEE CONCRETE BLOCKS (CAZT) AND PRECAST CONCRETE UNITS (CFTU) CATEGORIES IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
2. THROUGH PENETRANTS - ONE NONMETALLIC PIPE OR CONDUIT TO BE CENTERED WITHIN THE FIRESTOP SYSTEM. A NOM ANNULAR SPACE OF 1/4 IN. IS REQUIRED WITHIN THE FIRESTOP SYSTEM. PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF THE FLOOR OR WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF NONMETALLIC PIPES OF CONDUITS MAY BE USED:
A. POLYVINYL CHLORIDE (PVC) PIPE - NOM 4 IN. DIAM (OR SMALLER) SCHEDULE 40 SOLID OR CELLULAR CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
B. RIGID NONMETALLIC CONDUIT - NOM 4 IN. DIAM (OR SMALLER) SCHEDULE 40 OR 80 PVC CONDUIT INSTALLED IN ACCORDANCE WITH ARTICLE 347 OF THE NATIONAL ELECTRICAL CODE (NFPA 70).
C. CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE - NOM 4 IN. DIAM (OR SMALLER) SDR17 CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
D. ACRYLONITRILE BUTADIENE STYRENE (ABS) PIPE - NOM 4 IN. DIAM (OR SMALLER) SCHEDULE 40 SOLID OR FOAMED CORE ABS PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
3. FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:
A. FILL, VOID OR CAVITY MATERIAL - CAULK FORCED INTO ANNULAR SPACE TO MAX EXTENT POSSIBLE. CAULK SHALL BE INSTALLED FLUSH WITH BOTH SURFACES OF FLOOR OR WALL ASSEMBLY.
SPECIFIED TECHNOLOGIES INC. - SPECSAL 100, 101 OR 105 SEALANT
B. FIRESTOP DEVICE - GALV STEEL COLLAR LINED WITH AN INTUMESCENT MATERIAL SIZED TO FIT THE SPECIFIC DIAM OF THE THROUGH-PENETRANT. DEVICE SHALL BE INSTALLED AROUND THROUGH-PENETRANT IN ACCORDANCE WITH THE ACCOMPANYING INSTALLATION INSTRUCTIONS. DEVICE INCORPORATES ANCHOR TABS FOR SECUREMENT TO BOTTOM SURFACE OF FLOOR OR TO BOTH SURFACES OF WALL ASSEMBLY BY MEANS OF 1/4 IN. DIAM BY 1-3/4 IN. LONG CONCRETE ANCHORS IN CONJUNCTION WITH 1/4 IN. DIAM BY 1-1/2 IN. STEEL FENDER WASHERS.
SPECIFIED TECHNOLOGIES INC. - SPECSAL FIRESTOP COLLAR
*BEARING THE UL CLASSIFICATION MARKING

GUIDE XHEZ
THROUGH-PENETRATION FIRESTOP SYSTEMS

(01/01/00)
W-J-1070 - A CARD

SYSTEM NO. W-J-1070
F RATING - 4 HR
T RATING - 0 HR
L RATING AT AMBIENT - LESS THAN 1 CFM/SQ FT
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT

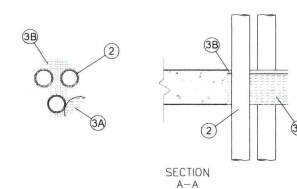


(CONT'D ON W-J-1070 - B CARD)

GUIDE XHEZ 01/01/00
THROUGH-PENETRATION W-J-1070 - B CARD
FIRESTOP SYSTEMS

SYSTEM NO. W-J-1070
F RATING - 4 HR
T RATING - 0 HR
L RATING AT AMBIENT - LESS THAN 1 CFM/SQ FT
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT
1. WALL ASSEMBLY - MIN 7-5/8 IN. THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS. MAX DIAM OF OPENING IS 26 IN.
SEE CONCRETE BLOCK (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
2. STEEL SLEEVE - (OPTIONAL) - CYLINDRICAL SLEEVE FABRICATED FROM MIN 0.031 IN. THICK (NO. 22 MSG) GALV SHEET STEEL AND HAVING A MIN 2 IN. LAP ALONG THE LONGITUDINAL SEAM. THE ENDS OF THE STEEL SLEEVE SHALL BE INSTALLED FLUSH WITH EACH FACE OF THE WALL OR EXTEND A MAX 1/4 IN. BEYOND EACH SURFACE OF THE WALL.
3. THROUGH PENETRANTS - ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN THE PIPE, CONDUIT OR TUBING AND THE PERIPHERY OF THE OPENING SHALL BE MIN 0 IN. (POINT CONTACT) TO MAX 2 IN. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:
A. STEEL PIPE - NOM 24 IN. DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
B. IRON PIPE - NOM 24 IN. DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.
C. CONDUIT - NOM 6 IN. DIAM (OR SMALLER) RIGID STEEL CONDUIT, NOM 4 IN. DIAM (OR SMALLER) ELECTRICAL METALLIC TUBING OR NOM 1 IN. DIA (OR SMALLER) FLEXIBLE STEEL CONDUIT.
D. COPPER TUBING - NOM 6 IN. DIAM (OR SMALLER) TYPE M (OR HEAVIER) COPPER TUBING.
E. COPPER PIPE - NOM 6 IN. DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
4. FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:
A. PACKING MATERIAL - MIN 5-5/8 IN. THICKNESS OF 4 PCF MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM EACH EDGE OF SLEEVE TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
B. FILL, VOID OR CAVITY MATERIAL - CAULK - MIN 1 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH ENDS OF STEEL SLEEVE. A MIN 1/4 IN. THICK BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE POINT CONTACT LOCATION ON BOTH SURFACES OF WALL. WHEN SLEEVE PROJECTS BEYOND SURFACE OF WALL, A MIN 1/4 IN. THICK BEAD OF CAULK SHALL BE APPLIED TO OUTER PERIMETER OF SLEEVE AT INTERFACE WITH WALL SURFACES.
SPECIFIED TECHNOLOGIES INC. - SPECSAL 100, 101, 102, 129, 105 SEALANT
*BEARING THE UL CLASSIFICATION MARKING

GUIDE XHEZ
THROUGH-PENETRATION FIRESTOP SYSTEMS



GUIDE XHEZ 01/01/00
THROUGH-PENETRATION C-AJ-1048 - B CARD
FIRESTOP SYSTEMS

SYSTEM NO. C-AJ-1048
(FORMERLY SYSTEM NO. 329)
F RATING - 3 HR
T RATING - 1/2 HR
L RATING AT AMBIENT - LESS THAN 1 CFM/SQ FT
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT

1. FLOOR OR WALL ASSEMBLY - MIN 4-1/2 IN. THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE FLOOR OR MIN 5 IN. THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS. MAX DIAM OF OPENING IS 8 IN.
SEE CONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
2. THROUGH PENETRANTS - THREE METALLIC PIPES, CONDUITS OR TUBING TO BE INSTALLED WITHIN THE OPENING. THE SPACE BETWEEN PIPES, CONDUITS OR TUBING SHALL BE A NOM 1 IN. THE SPACE BETWEEN PIPES, CONDUITS OR TUBING AND PERIPHERY OF OPENING SHALL BE MIN 5/8 IN. TO MAX 2-5/8 IN. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:
A. STEEL PIPE - NOM 2 IN. DIAM (OR SMALLER) SCHEDULE 5 (OR HEAVIER) STEEL PIPE.
B. CONDUIT - NOM 2 IN. DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR RIGID STEEL CONDUIT.
3. FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:
A. PACKING MATERIAL - MIN 4 IN. THICKNESS OF MIN 4 PCF MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
B. FILL, VOID OR CAVITY MATERIAL - CAULK - MIN 1/2 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH TOP SURFACE OF FLOOR OR WITH BOTH SURFACES OF WALL.
GENERAL ELECTRIC CO. - PENISIL 100 CAULK FOR FLOORS AND WALLS.
SPECIFIED TECHNOLOGIES INC. - PENISIL 100 SEALANT FOR FLOORS AND WALL.
PENISIL 300 SEALANT FOR FLOORS AND WALLS AND PENISIL 300 SIL SEALANT FOR FLOORS ONLY.
*BEARING THE UL CLASSIFICATION MARKING

CONSULTANT

TELECOM DESIGN GROUP

6505 N HIMES AVE
TAMPA, FLORIDA 33614
(770) 853-1233
FL CA #AA26003007

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PROFESSIONAL SEAL

02-13-24

PREPARED FOR

PROJECT INFORMATION
PROPOSED DAS EQUIPMENT
INSTALLATION
**DESTIN-FORT
WALTON BEACH
AIRPORT**
1701 FL- 85
EGLIN AFB, FL 32542

ISSUE NO.	DATE	DESCRIPTION
0	08/22/23	PRELIM FOR REVIEW
1	08/23/23	ISSUED FOR PERMIT
2	10/25/23	ISSUED FOR REVIEW
3	10/27/23	ISSUED FOR REVIEW
4	01/26/24	ISSUED FOR REVIEW
5	02/13/24	ISSUED FOR PERMIT

SHEET NAME
PENETRATION DETAILS

SHEET NUMBER
C-5.0

**PROCUREMENT/CONTRACT/LEASE
INTERNAL COORDINATION SHEET**

Procurement/Contract/Lease Number: 214-0412-AP Tracking Number: 5102-24
Procurement/Contractor/Lessee Name: Vernon Grant Funded: YES ___ NO X
Purpose: 1st amendment
Date/Term: indefinite 1. GREATER THAN \$100,000
Department #: 4201R 2. GREATER THAN \$50,000
Account #: 344187 3. \$50,000 OR LESS
Amount: Revenue
Department: Airport Dept. Monitor Name: Staje

Purchasing Review

Procurement or Contract/Lease requirements are met: DeRita Mason Date: 2-15-24
Purchasing Manager or designee: _____ DeRita Mason, Erin Poole, Amber Hammonds

2CFR Compliance Review (if required)

Approved as written: No Federal Aid Grant Name: _____ Date: _____
Grants Coordinator: _____ Suzanne Ulloa

Risk Management Review

Approved as written: See email attached Date: 2-15-24
Risk Manager or designee: _____ Lydia Garcia

County Attorney Review

Approved as written: see email attached Date: 2-27-24
County Attorney: _____ Lynn Hoshihara, Kerry Parsons or Designee

Department Funding Review

Approved as written: _____ Date: _____

IT Review (if applicable)

Approved as written: _____ Date: _____

DeRita Mason

From: Lynn Hoshihara
Sent: Tuesday, February 27, 2024 8:53 AM
To: Allyson Oury
Cc: DeRita Mason
Subject: Re: Verizon Amendment #1 L14-0412-AP

Thanks Allyson. Given your explanation, this amendment is approved.

On Feb 27, 2024, at 9:18 AM, Allyson Oury <aoury@myokaloosa.com> wrote:

Good morning, Lynn –

The agreements with our cellular partners are not based on square footage or number of antennas. We have agreements with Verizon, AT&T and T-Mobile that have all similar rates/terms. Our agreement to allow them to install some more antennas to better serve our mutual customers does not come with an additional cost. The base fee (\$6,000) is increased every five years by 15%, so we are currently receiving \$6,900 per year from each of the cellular carriers.

I will update the signature blocks as noted below. With that change, would this be approved?

Thank you,

Allyson Oury, CPA
Airports Chief Financial Officer
Okaloosa County

From: DeRita Mason <dmason@myokaloosa.com>
Sent: Tuesday, February 27, 2024 6:54 AM
To: Allyson Oury <aoury@myokaloosa.com>
Subject: FW: Verizon Amendment #1 L14-0412-AP

Allyson,
Please see Lynn's comments below.
Thank you,

DeRita Mason

<image002.png>

DeRita Mason, CPPO, CPPB, NIGP-CPP
Purchasing Manager
Okaloosa County Purchasing Department
5479A Old Bethel Road
Crestview, Florida 32536
Office:(850) 689-5960 Ext. 6966
Cell: (850) 826-8010

DeRita Mason

From: Odessa Cooper-Pool
Sent: Tuesday, February 27, 2024 2:54 PM
To: DeRita Mason
Subject: RE: Verizon Amendment #1 L14-0412-AP
Attachments: 4892-7797-5681 v.5 Unexecuted Amendment #1, Northwest FL Regional (Destin) Airport.pdf

Good afternoon DeRita,

Verizon Amendment #1 of L14-0412-AP has been reviewed and is approved by Risk Management for insurance purposes. There are no changes to insurance requirements.

Thank you,

Odessa Cooper-Pool

Public Records & Contracts Specialist | Risk Management
Okaloosa County BCC
302 N. Wilson Street, Crestview, FL 32536
Office: 1-850-689-4111



“And, when you want something, all the universe conspires in helping you to achieve it.”— Paulo Coelho, *The Alchemist*

Please note: Due to Florida's very broad public records laws, most written communications to or from County employees regarding County business are public records, available to the public and media upon request. Therefore, this written e-mail communication, including your e-mail address, may be subject to public disclosure.

From: DeRita Mason <dmason@myokaloosa.com>
Sent: Tuesday, February 27, 2024 1:25 PM
To: Odessa Cooper-Pool <ocooperpool@myokaloosa.com>
Subject: FW: Verizon Amendment #1 L14-0412-AP

Odessa,
I think you have already approved this on, but I can't see to find it anywhere.
Can you please resend?
Thank you,

DeRita Mason