



# TOWN OF JACKSON PLANNING & BUILDING DEPARTMENT

## TRANSMITTAL MEMO

### Town of Jackson

- ☒ Public Works/Engineering
- ☒ Building
- ☐ Title Company
- ☒ Town Attorney
- ☒ Police

### Joint Town/County

- ☒ Parks and Recreation
- ☒ Pathways
- ☒ Joint Housing Dept

### Teton County

- ☐ Planning Division

- ☐ Engineer
- ☐ Surveyor- *Nelson*
- ☐ Assessor
- ☐ Clerk and Recorder
- ☐ Road and Levee

### State of Wyoming

- ☐ Teton Conservation
- ☐ WYDOT
- ☐ TC School District #1
- ☐ Game and Fish
- ☐ DEQ

### Federal Agencies

- ☐ Army Corp of Engineers

### Utility Providers

- ☐ Qwest
- ☐ Lower Valley Energy
- ☐ Bresnan Communications

### Special Districts

- ☒ START
- ☒ Jackson Hole Fire/EMS
- ☐ Irrigation Company

<p>Date: May 23, 2022</p> <p>Item #: P22-129</p> <p>Planner: Katelyn Page</p> <p>Phone: 307-733-0440 ext. 1302</p> <p>Email: <a href="mailto:kpage@jacksonwy.gov">kpage@jacksonwy.gov</a></p> <p><b>Owner</b> Teton County Hospital Distr. 555 E Broadway Ave. Jackson, WY 83001</p> <p><b>Applicant:</b> AT&amp;T Mobility 7670 S Chester St. 3<sup>rd</sup> Floor Centennial, CO 80112</p>	<p><b>REQUESTS:</b></p> <p>The applicant is submitting a request for a Basic Use Permit to modify existing wireless communication facility located at 555 E Broadway Ave., PIDN: 22-41-16-27-4-00-003</p> <p>For questions, please call Katelyn Page at 307-733-0440, x1302 or email to the address shown below. Thank you.</p>
<p><b>Please respond by: June 6, 2022 (Sufficiency)</b> <b>June 13, 2022 (with Comments)</b></p>	

**RESPONSE:** For Departments not using Trak-it, please send responses via email to:  
[alangley@jacksonwy.gov](mailto:alangley@jacksonwy.gov)



**PLANNING PERMIT APPLICATION**  
**Planning & Building Department**

150 E Pearl Ave. | ph: (307) 733-0440  
P.O. Box 1687 | [www.townofjackson.com](http://www.townofjackson.com)  
Jackson, WY 83001

**For Office Use Only**

Fees Paid \_\_\_\_\_ Date & Time Received \_\_\_\_\_  
Application #s \_\_\_\_\_

**Please note:** Applications received after 3 PM will be processed the next business day.

**PROJECT.**

Name/Description: \_\_\_\_\_  
Physical Address: \_\_\_\_\_  
Lot, Subdivision: \_\_\_\_\_ PIDN: \_\_\_\_\_

**PROPERTY OWNER.**

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_ ZIP: \_\_\_\_\_  
E-mail: \_\_\_\_\_

**APPLICANT/AGENT.**

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_ ZIP: \_\_\_\_\_  
E-mail: \_\_\_\_\_

**DESIGNATED PRIMARY CONTACT.**

\_\_\_\_\_ Property Owner \_\_\_\_\_ Applicant/Agent

**TYPE OF APPLICATION.** Please check all that apply; review the type of application at [www.townofjackson/200/Planning](http://www.townofjackson/200/Planning)

**Use Permit**

\_\_\_\_\_ Basic Use  
\_\_\_\_\_ Conditional Use  
\_\_\_\_\_ Special Use

**Relief from the LDRs**

\_\_\_\_\_ Administrative Adjustment  
\_\_\_\_\_ Variance  
\_\_\_\_\_ Beneficial Use Determination  
\_\_\_\_\_ Appeal of an Admin. Decision

**Physical Development**

\_\_\_\_\_ Sketch Plan  
\_\_\_\_\_ Development Plan  
\_\_\_\_\_ Design Review

**Subdivision/Development Option**

\_\_\_\_\_ Subdivision Plat  
\_\_\_\_\_ Boundary Adjustment (replat)  
\_\_\_\_\_ Boundary Adjustment (no plat)  
\_\_\_\_\_ Development Option Plan

**Interpretations**

\_\_\_\_\_ Formal Interpretation  
\_\_\_\_\_ Zoning Compliance Verification

**Amendments to the LDRs**

\_\_\_\_\_ LDR Text Amendment  
\_\_\_\_\_ Map Amendment

**Miscellaneous**

\_\_\_\_\_ Other: \_\_\_\_\_  
\_\_\_\_\_ Environmental Analysis

**PRE-SUBMITTAL STEPS.** To see if pre-submittal steps apply to you, go to [www.townofjackson.com/200/Planning](http://www.townofjackson.com/200/Planning) and select the relevant application type for requirements. Please submit all required pre-submittal steps with application.

Pre-application Conference #: \_\_\_\_\_ Environmental Analysis #: \_\_\_\_\_

Original Permit #: \_\_\_\_\_ Date of Neighborhood Meeting: \_\_\_\_\_

**SUBMITTAL REQUIREMENTS.** Please ensure all submittal requirements are included. The Planning Department will not hold or process incomplete applications. Partial or incomplete applications will be returned to the applicant. Go to [www.townofjackson.com/200/Planning](http://www.townofjackson.com/200/Planning) and select the relevant application type for submittal requirements.

Have you attached the following?

\_\_\_\_\_ **Application Fee.** Fees are cumulative. Go to [www.townofjackson.com/200/Planning](http://www.townofjackson.com/200/Planning) and select the relevant application type for the fees.

\_\_\_\_\_ **Notarized Letter of Authorization.** A notarized letter of consent from the landowner is required if the applicant is not the owner, or if an agent is applying on behalf of the landowner. Please see the Letter of Authorization template at <http://www.townofjackson.com/DocumentCenter/View/845/LetterOfAuthorization-PDF>.

\_\_\_\_\_ **Response to Submittal Requirements.** The submittal requirements can be found on the TOJ website for the specific application. If a pre-application conference is required, the submittal requirements will be provided to applicant at the conference. The submittal requirements are at [www.townofjackson.com/200/Planning](http://www.townofjackson.com/200/Planning) under the relevant application type.

**Note:** Information provided by the applicant or other review agencies during the planning process may identify other requirements that were not evident at the time of application submittal or a Pre-Application Conference, if held. Staff may request additional materials during review as needed to determine compliance with the LDRs.

Under penalty of perjury, I hereby certify that I have read this application and associated checklists and state that, to the best of my knowledge, all information submitted in this request is true and correct. I agree to comply with all county and state laws relating to the subject matter of this application, and hereby authorize representatives of Teton County to enter upon the above-mentioned property during normal business hours, after making a reasonable effort to contact the owner/applicant prior to entering.

Cierra House  
\_\_\_\_\_  
Signature of Property Owner or Authorized Applicant/Agent

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name Printed

\_\_\_\_\_  
Title

AT&T Technology Upgrade Project  
Jackson DT – IDL04058  
FA: 10129826  
555 E Broadway Ave. Jackson, WY 83001

### Project Narrative

AT&T will be performing a technology upgrade project on a pre-existing wireless communications site located on the rooftop of St. John's Medical Center. There will be no increase to the height of the structure, nor an expansion or disturbance of the ground space involved in this project. All current stealthing measures will remain in place will all new equipment will be installed behind the existing screen wall. Construction is estimated to take place between 10/13/22 – 11/3/2022 during normal business hours. AT&T is proposing the following changes as shown below.

SCOPE OF WORK	
<b><u>RFDS VERSION :</u></b>	<b><u>DATE UPDATED:</u></b> 418/2022
<b><u>EQUIPMENT LEVEL</u></b> <ul style="list-style-type: none"><li>• REMOVE EXISTING UMTS CABINET</li><li>• INSTALL (1) INDOOR BATTERY RACK</li><li>• INSTALL (1) PROPOSED DC12-48-60-RM (V2)</li><li>• INSTALL (4) PROPOSED 190AH BATTERIES</li><li>• 5GNR TARGET CONFIG: XXXXX/1XAMIA/3XABIO/1XASIL</li></ul>	
<b><u>ANTENNA LEVEL</u></b> <ul style="list-style-type: none"><li>• REMOVE (3) EXISTING LTE AWS ANTENNAS (ALL SECTORS)</li><li>• REMOVE (2) EXISTING UMTS 1900 ANTENNAS (SECTORS ALPHA &amp; BETA)</li><li>• RELOCATE (3) EXISTING AHFIB RRH UNITS FROM POS.3 TO POS.4</li><li>• REMOVE (2) ETW190VS12UB_E15S09 P94-1900 TMAS</li><li>• INSTALL (3) PROPOSED AEQK CBAND ANTENNAS IN POS. 1</li></ul>	

This project will be done in compliance with the following codes:

APPLICABLE CODES
BUILDING CODE 2021 IBC ELECTRICAL CODE 2020-NFPA 70 TIA-222-H

AT&T Technology Upgrade Project  
Jackson DT – IDL04058  
FA: 10129826  
555 E Broadway Ave. Jackson, WY 83001

**May 23, 2022**

Town of Jackson

Planning Department

VIA Electronic Delivery

**RE: Request for Minor Modification to Existing Wireless Facility - Section 6409/47 CFR § 1.6100 (“6409”)**

**Site Address: 555 E Broadway Ave. Jackson, WY 83001**

**AT&T Project No.: Jackson DT – IDL04058 – FA: 10129826**

To Whom it May Concern:

On behalf of New Cingular Wireless PCS, LLC (“AT&T”) we are pleased to submit this request to modify AT&T’s existing wireless communication site at the location referenced above, as an Eligible Facilities Request for a minor modification under Section 6409 and Federal Communications Commission (“FCC”) rules.

**Scope of Work**

AT&T proposes the following minor modifications to this site. (Please note: all work will be performed wholly within the existing premises and utility easements; this site contains a stealth wall as a means of concealment and the project otherwise complies with the site’s prior conditions of approval.)

<b><u>Component</u></b>	<b><u>Federal Section 6409 Limits</u></b>	<b><u>AT&amp;T’s Proposed Modification</u></b>
Increase height of original structure	10 feet or less	No Increase in Height
Antennas extending horizontally from edge of structure	6 feet or less	Antennas extend 0 feet horizontally from edge of structure
Additional equipment cabinets	4 or fewer (does not include separately mounted radios and other pieces of equipment); no new ground-mounted cabinets if there were none before; if there were ground-mounted cabinets, then no new ground-mounted cabinets more than 10% larger than the existing cabinets	0 additional equipment cabinets; No new ground mounted cabinets

AT&T Technology Upgrade Project  
Jackson DT – IDL04058  
FA: 10129826  
555 E Broadway Ave. Jackson, WY 83001

### **Concealment Elements**

The existing wireless facility is a stealth-designed facility, consisting of a 5' screen wall. The proposed minor modification will continue to effectively stealth the wireless facility by remaining behind the existing screen wall and therefore will not defeat the existing concealment.

### **FCC Shot Clock for Section 6409 Minor Modifications**

AT&T requests approval of the following applications, as well as any other authorizations necessary, for its proposed minor modification under Section 6409:

- Basic Use Permit

The FCC requires that all authorizations related to 6409 applications be completed within 60 days after filing.

Based on a filing date of 5/23/2022, the projected shot-clock deadline for a decision is 7/22/2022. Our goal is to work with you to obtain approval of this minor modification earlier than the deadline. We will respond promptly to any requests for information you may have for our application. Please let us know how we can work with you to expedite the approval process. We look forward to working with you on this important project, which will significantly improve wireless telecommunication services in your community without requiring an additional site. Should you have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

Cierra House



**Cierra House (She/Her)**

**Real Estate Project Manager**

[Cierra.House@smartlinkgroup.com](mailto:Cierra.House@smartlinkgroup.com)

c. (484) 464-8309

[www.smartlinkgroup.com](http://www.smartlinkgroup.com)

Keeping America Connected For Over  
20 Years



Town of Jackson  
150 E Pearl Avenue  
PO Box 1687, Jackson, WY 83001  
P: (307)733-3932 F: (307)739-0919  
www.jacksonwy.gov

Date: 5/20/2022

# **LETTER OF AUTHORIZATION** **NAMING APPLICANT AS OWNER'S AGENT**

**PRINT** full name of property owner as listed on the deed when it is an individual OR print full name and title of President or Principal Officer when the owner listed on the deed is a corporation or an entity other than an individual: John Kren, CFO/COO

Being duly sworn, deposes and says that Teton County Hospital District is the owner in fee of the premises located at:  
Name of property owner as listed on deed

Address of Premises: 555 E Broadway Jackson, WY 83001

Legal Description: Personal Property

Please attach additional sheet for additional addresses and legal descriptions

And, that the person named as follows: Name of Applicant/agent: AT&T Mobility (Cierra House)

Mailing address of Applicant/agent: 7670 S. Chester St., 3rd Fl. Centennial, CO 80112

Email address of Applicant/agent: Cierra.House@smartlinkgroup.com

Phone Number of Applicant/agent: 484-464-8309

Is authorized to act as property owner's agent and be the applicant for the application(s) checked below for a permit to perform the work specified is this(these) application(s) at the premises listed above:

- ☐ Development/Subdivision Plat Permit Application ☒ Building Permit Application  
☐ Public Right of Way Permit ☐ Grading and Erosion Control Permit ☐ Business License Application  
☐ Demolition Permit ☒ Other (describe) Basic Use Permit Application

Under penalty of perjury, the undersigned swears that the foregoing is true and, if signing on behalf of a corporation, partnership, limited liability company or other entity, the undersigned swears that this authorization is given with the appropriate approval of such entity, if required.

Property Owner Signature

CFO/COO

Title if signed by officer, partner or member of corporation, LLC (secretary or corporate owner) partnership or other non-individual Owner

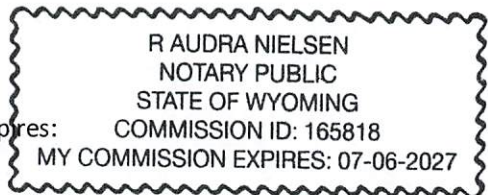
STATE OF Wyoming )  
 ) SS.  
COUNTY OF Teton )

The foregoing instrument was acknowledged before me by John Kren this 20<sup>th</sup> day of May, 2022. WITNESS my hand and official seal.

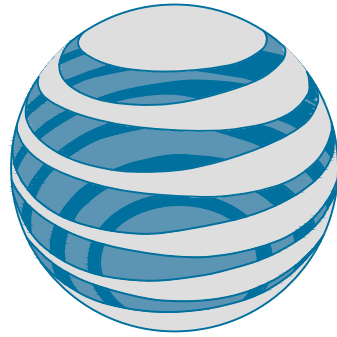
Notary Public

R Audra Nielsen

My commission expires:  
07-06-2027







at&t

IDL04058

JACKSON\_DT

FA#: 10129826

PTN#: 3770A13A3K

PACE ID: MRUTH050863

18'-2" ROOFTOP

CBAND

#### SITE INFORMATION

TOWER OWNER: ROOFTOP-ST. JOHN'S MEDICAL CENTER  
SITE NUMBER-NAME: IDL04058-JACKSON\_DT  
SITE ADDRESS: 555 EAST BROADWAY JACKSON, WY 83001  
COUNTY: TETON  
LATITUDE: 43.4807777 (43° 28' 50.8" N)  
LONGITUDE: -110.751166 (110° 45' 04.2" W)  
GROUND ELEVATION: 6272' AMSL  
OCCUPANCY TYPE: UNMANNED  
ZONING JURISDICTION: TOWN OF JACKSON  
ZONING CODE: P/SP  
PARCEL NUMBER: 22-41-16-27-4-00-003  
POWER PROVIDER: LOWER VALLEY ENERGY  
TELCO PROVIDER: CENTURYLINK

#### CONTACT INFORMATION

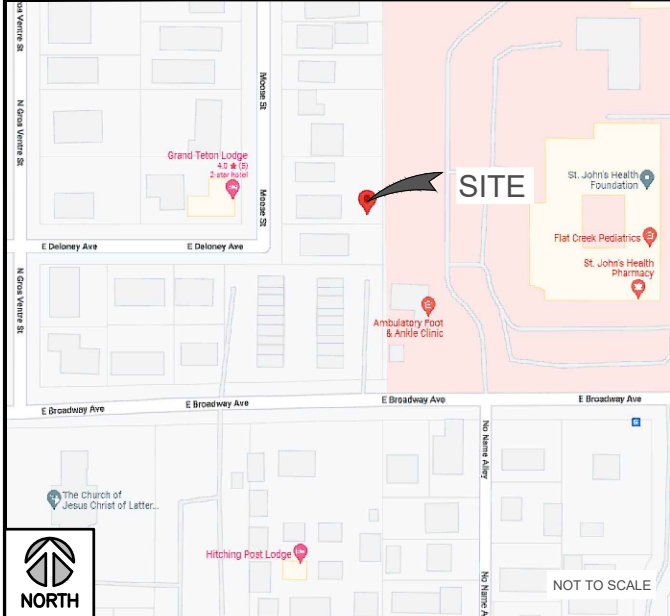
A&E SERVICES:  
TRILEAF CORPORATION  
1821 WALDEN OFFICE SQUARE  
SUITE 500  
SCHAUMBURG, IL 60173  
CONTACT: HILDA ALLAWIRDI  
PHONE: (630) 227-0202, EXT. 537  
EMAIL: h.allawirdi@trileaf.com

SITE ACQUISITION SERVICES:  
SMARTLINK GROUP, LLC  
1997 ANNAPOLIS EXCH. PKWY  
SUITE 200  
ANNAPOLIS, MD 21401  
CONTACT: TAMARA SHIVELEY  
PHONE: (801) 230-4877

#### APPLICABLE CODES

BUILDING CODE 2021 IBC  
ELECTRICAL CODE 2020-NFPA 70  
TIA-222-H

#### VICINITY MAP



#### SITE PHOTO



#### DRIVING DIRECTIONS

STARTING FROM JACKSON STORE 1:

START OUT GOING NORTH ON BUFFALO WAY TOWARD US-189/US-191/US-26/US-89. 0.1 MI, TURN RIGHT ONTO W BROADWAY AVE/US-189/US-191/US-26/US-89. CONTINUE TO FOLLOW W BROADWAY AVE. 2.0 MI, END AT 555 E BROADWAY JACKSON, WY 83001-9496.

#### DO NOT SCALE DRAWINGS

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

#### DRAWING INDEX

SHEET NO.	DESCRIPTION	REV
T-1	TITLE SHEET	1
GN-1	GENERAL NOTES	1
C-1	SITE PLAN	1
C-2	EQUIPMENT PLAN	1
C-3	TOWER ELEVATIONS	1
C-4	ANTENNA PLANS	1
C-5	RF WARNING & EQUIPMENT DETAILS	1
E-1	ELECTRICAL DIAGRAM	1
G-1	GROUNDING DETAILS	1

#### SCOPE OF WORK

RFDS VERSION: 2.00 DATE UPDATED: 418/2022

##### EQUIPMENT LEVEL

- REMOVE EXISTING UMTS CABINET
- INSTALL (1) INDOOR BATTERY RACK
- INSTALL (1) PROPOSED DC12-48-60-RM (V2)
- INSTALL (4) PROPOSED 190AH BATTERIES
- 5GNR TARGET CONFIG: XXXXX/1XAMIA/3XABIO/1XASIL

##### ANTENNA LEVEL

- REMOVE (3) EXISTING LTE AWS ANTENNAS (ALL SECTORS)
- REMOVE (2) EXISTING UMTS 1900 ANTENNAS (SECTORS ALPHA & BETA)
- RELOCATE (3) EXISTING AHFIB RRH UNITS FROM POS.3 TO POS.4
- REMOVE (2) ETW190VS12UB\_E15S09 P94-1900 TMAS
- INSTALL (3) PROPOSED AEQK CBAND ANTENNAS IN POS. 1



Smartlink LLC

1997 Annapolis Exch.Pkwy # 200  
Annapolis, MD 21401  
Tel: 410-263-LINK (5465)  
Fax: 410-263-5470  
www.smartlinkllc.com



693248

#### REVISIONS

REV	DATE	DESCRIPTION	INT
0	03/29/22	ISSUED FOR REVIEW 90%	NK
1	05/02/22	ISSUED FOR FINAL	JG



#### SITE INFORMATION

SITE #: IDL04058  
SITE NAME: JACKSON\_DT  
FA #: 10129826

555 EAST BROADWAY  
JACKSON, WY 83001

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1



GENERAL CONSTRUCTION NOTES:

1.     FOR THE PURPOSE OF CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:
- GENERAL CONTRACTOR: TBD  
SUBCONTRACTOR: TBD
2.     ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND AT&T PROJECT SPECIFICATIONS.
3.     GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL VISIT THE SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS. GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
4.     ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. GENERAL CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF WORK.
5.     ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
6.     UNLESS OTHER WISE, THE WORK SHALL INCLUDE FURNISHING, MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
7.     PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. DIMENSIONS SHOWN ARE TO BE FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS THE MINIMUM REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS, SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH THE WORK. DETAILS ARE INTENDED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF WORK AND PREPARED BY THE ARCHITECT/ENGINEERPRIOR TO PROCEEDING WITH WORK.
8.     THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
9.     IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE SPACE FOR APPROVAL BY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING.
10.    GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFORM TO ALL OSHA REQUIREMENTS AND LOCAL JURISDICTION.
11.    GENERAL CONTRACTOR SHALL COORDINATE WORK AND SCHEDULE WORK ACTIVITIES WITH OTHER DISCIPLES.
12.    ERECTION SHALL BE DONE IN A WORK MANLIKE MANNER BY COMPETENT EXPERIENCED PRACTICE. ALL MEMBERS SHALL BE LAID PLUMB AND TRUE AS INDICATED ON THE DRAWINGS.
13.    SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH UL LISTED MATERIALS APPROVED BY LOCAL JURISDICTION. SUB CONTRACTOR SHALL KEEP AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DEBRIS.
14.    WORK PREVIOUSLY COMPLETED IS REPRESENTED BY LIGHT SHADED LINES AND NOTES. THE SCOPE OF WORK FOR THIS PROJECT IS REPRESENTED BY DARK SHADED LINES AND NOTES. SUB CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY EXISTING CONDITIONS THAT DEVIATE FROM THE DRAWING PRIOR TO THE BEGINNING CONSTRUCTION.
15.    SUBCONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE CONSTRUCTION MANAGER 48 HOURS PRIOR TO THE COMMENCEMENT OF WORK.
16.    THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTORS EXPENSE TO THE SATISFACTION OF THE OWNER.
17.    THE SUBCONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
18.    GENERAL CONTRACTOR SHALL COORDINATE AND MAINTAIN ACCESS FOR ALL TRADES AND SUBCONTRACTORS TO THE SITE AND/OR BUILDING.
19.    THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY OF THE SITE FOR THE DURATION OF CONSTRUCTION UNTIL JOB COMPLETION.
20.    THE GENERAL CONTRACTOR SHALL MAINTAIN GOOD CONDITION ONE COMPLETE SET OF PLANS WITH ALL REVISION, ADDENDA, AND CHANGES ORDERS ON THE PREMISES AT ALL TIMES.
21.    CONTRACTOR SHALL MINIMIZE DISTURBANCE TO THE EXISTING SITE DURING CONSTRUCTION, EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE FEDERAL AND LOCAL JURISDICTION FOR EROSION AND SEDIMENT CONTROL.
22.    THE SUBGRADE SHALL BE BROUGHT TO A SMOOTH GRADE AND COMPACTED TO 95 PERCENT STANCE PROCTOR DENSITY UNDER PAVEMENT AND STRUCTURES AND 80 PERCENT STANDARD PROCTOR DENSITY IN OPEN SPACE, ALL TRENCHES IN PUBLIC RIGHT OF WAY SHALL BE BACKFILLED WITH FLOWABLE FILL OR OTHER MATERIAL, PRE-APPROVED BY THE LOCAL JURISDICTION.
23.    ALL NECESSARY RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER.

ELECTRICAL GROUNDING SPECIFICATIONS:

1.     GROUNDING SHALL COMPLY WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE CURRENTLY IN EFFECT FOR THE AUTHORITY HAVING JURISDICTION.
2.     ALL GROUNDING DEVICE SHALL BE U.L. LISTED FOR THEIR INTENDED USE.
3.     GROUND WIRES SHALL BE TINNED #2 AWG BARE SOLID COPPER UNLESS OTHERWISE NOTED.
4.     CONNECTIONS OF ALL GROUND WIRES TO THE GROUND RING SHALL BE EXOTHERMIC (CAD-WELDED), UNLESS OTHERWISE NOTED AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND AT&T WIRELESS BROADBAND STANDARDS.
5.     GROUNDING CONDUCTORS SHALL BE ROUTED ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE WHEN REQUIRED. GROUND LEADS SHALL BE BENT TO A MINIMUM OF 8' RADIUS.
6.     WHERE GROUND WIRES ARE ROUTED FROM ANY CONNECTION ABOVE GRADE TO THE GROUND RING, INSTALL WIRE IN 314' HEAVY WALL LIQUID TIGHT FLEXIBLE CONDUIT FROM CONNECTION POINT TO 5' BELOW GRADE AND SEAL THE TOP WITH SILICONE SEALANT.
7.     ALL GROUND BARS SHALL BE TINNED COPPER, SECTOR BARS 2", COLLECTOR AND MGB BARS 4", OF SUFFICIENT LENGTH TO ACCOMMODATE ALL REQUIRED CONNECTIONS WITHOUT DOUBLING LIGS, AND EACH INSTALLED WITH ISOLATORS. WHEN CONNECTING GROUND BARS (WITHIN 10 FEET OF GRADE) DIRECTLY TO THE GROUND RING, 2 EA. #2 SOLID DOWNLEADS SHALL BE CAD-WELDED TO THE GROUNDING, 1 AT EACH OPPOSITE BOTTOM CORNER, AND EACH SHALL RUN IN 3/4" HEAVY WALL LIQUID TIGHT FLEXIBLE CONDUIT FROM GROUND BAR DOWN TO THE GROUND RING. WHEN CONNECTING SECTOR GROUND BARS, DAISY-CHAIN THE GROUND BARS AND RUN 1 EA. #2 AWG STRANDED COPPER WIRE WITH THWN INSULATION FROM THE MIDDLE GROUND BAR TO THE GROUND RING AND CAD-WELD TO THE RING.
8.     WHEN ATTACHING STRANDED GROUND LEADS TO THE GROUND BARS, 2 HOLE COMPRESSION LUGS SHALL BE USED, PROTECT WITH WEATHERPROOF HEAT SHRINK, AND WITH A THIN COAT OF "KOP'R SHIELD" OR EQUIVALENT PROPERLY APPLIED AND ATTACHED ONLY WITH STAINLESS STEEL HARDWARE.
9.     WHEN GROUNDING EQUIPMENT ENCLOSURES, PANELS, FRAMES, AND OTHER METAL APPARATUS, A #6 AV/G STRANDED COPPER WIRE WITH THWN INSULATION SHALL BE ATTACHED UTILIZING A 2 HOLE COMPRESSION TYPE LUG, PROTECTED WITH WEATHERPROOF HEAT A CLEAN AND CORROSION FREE METALLIC SURFACE UTILIZING STAINLESS STEEL SELF-TAPPING SCREWS AS NOTED IN NOTE 10 BELOW.
10.    PREPARE ALL BONDING SURFACES FOR GROUND CONNECTIONS BY REMOVING ANY AND ALL PAINT AND CORROSION TO SHINY METAL. CAD-WELDED CONNECTIONS TO NON-GOPPER SURFACES, APPLY ONE COAT OF ANY ANTI-OXIDIZING PAINT, "COLD GALV" OR EQUIVALENT.
11.    GROUND RODS SHALL BE COPPER-CLAD STEEL 5/8"x10', SPACED NO LESS THAN 10' ON CENTER.
12.    ALL GROUND SYSTEM CONDUCTORS AND CONDUITS SHALL BE SECURED UTILIZING ONLY NONMETALLIC, NON-CONDUCTIVE, UV RATED CLAMPS, BRACKET, AND OR SUPPORTS.
13.    WHEN REQUIRED, THE CONTRACTOR SHALL ENGAGE THE SERVICES OF AN INDEPENDENT TESTING FIRM TO VERIFY, UTILIZING A MEGGER TEST, THAT THE RESISTANCE TO EARTH OF THE NEW GROUND SYSTEM IS EQUAL TO OR LESS THAN 5 (OHMS). A COPY OF THE COMPLETE TESTING REPORT SHALL BE PROVIDED TO THE AT&T REPRESENTATIVE.
14.    ALL MATERIALS AND HARDWARE SHALL BE INSTALLED IN A WORKMAN-LIKE MANNER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, AND DEFINED IN NFPA-70.
15.    ALL RRH GROUND WIRES SHALL BE #2 GREEN STRANDED.
16.    ALL GROUND LUGS SHALL BE 2-HOLE LONG BARRELL.
17.    OUTDOOR GROUNDS SHALL BE BLACK HEAT SHRINK W/O INSPECTION HOLES.
18.    INDOOR GROUNDS SHALL BE CLEAR HEAT SHRINK W/ INSPECTION HOLES.

ANTENNA PIPE MOUNTS:

1.     PROPOSED OR REPLACEMENT ANTENNA PIPE MOUNTS SHALL BE 2-3/8" (O.D.)X10', SCH. 80 PIPE, UNLESS NOTED OTHERWISE.



**Smartlink LLC**  
1997 Annapolis Exch.Pkwy # 200  
Annapolis, MD 21401  
Tel: 410-263-LINK (5465)  
Fax: 410-263-5470  
www.smartlinkllc.com



693248

REVISIONS			
REV	DATE	DESCRIPTION	INT
0	03/29/22	ISSUED FOR REVIEW 90%	NK
1	05/02/22	ISSUED FOR FINAL	JG



SITE INFORMATION

**SITE #: IDL04058**  
**SITE NAME: JACKSON\_DT**  
**FA #: 10129826**

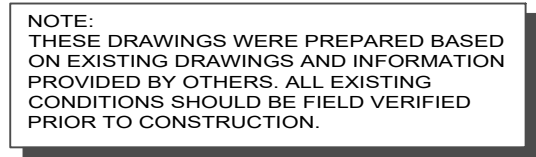
**555 EAST BROADWAY**  
**JACKSON, WY 83001**

SHEET TITLE:

**GENERAL NOTES**

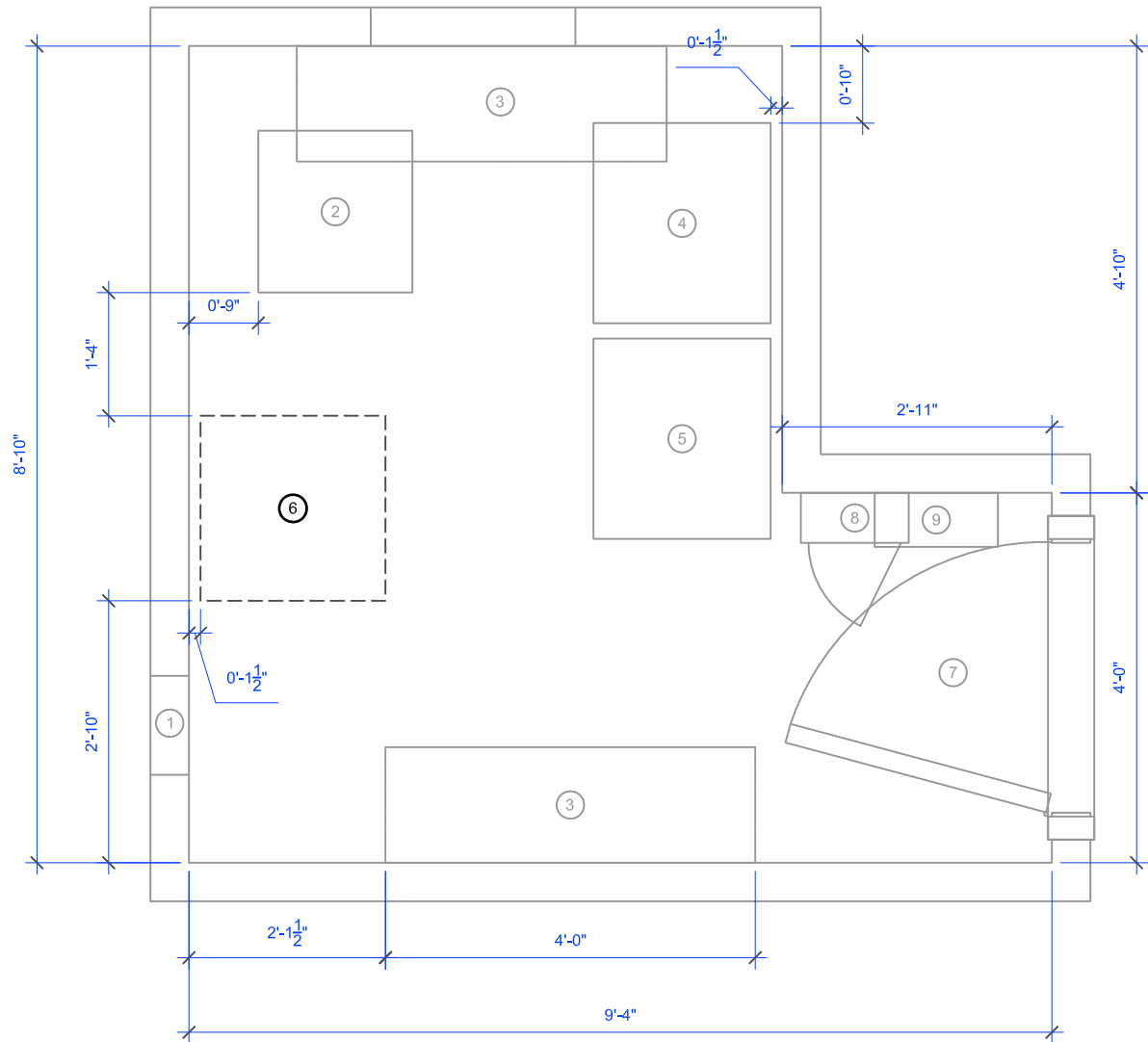
SHEET NUMBER:

**GN-1**



KEY NOTES:

- ① EXISTING PORT
- ② EXISTING FIF RACK
- ③ EXISTING HVAC UNIT ABOVE
- ④ EXISTING VERTIV DC POWER RACK
- ⑤ EXISTING LTE RACK
- ⑥ **REMOVED UMTS CABINET**
- ⑦ EXISTING ACCESS DOOR
- ⑧ EXISTING AC PANEL
- ⑨ EXISTING AC SURGE



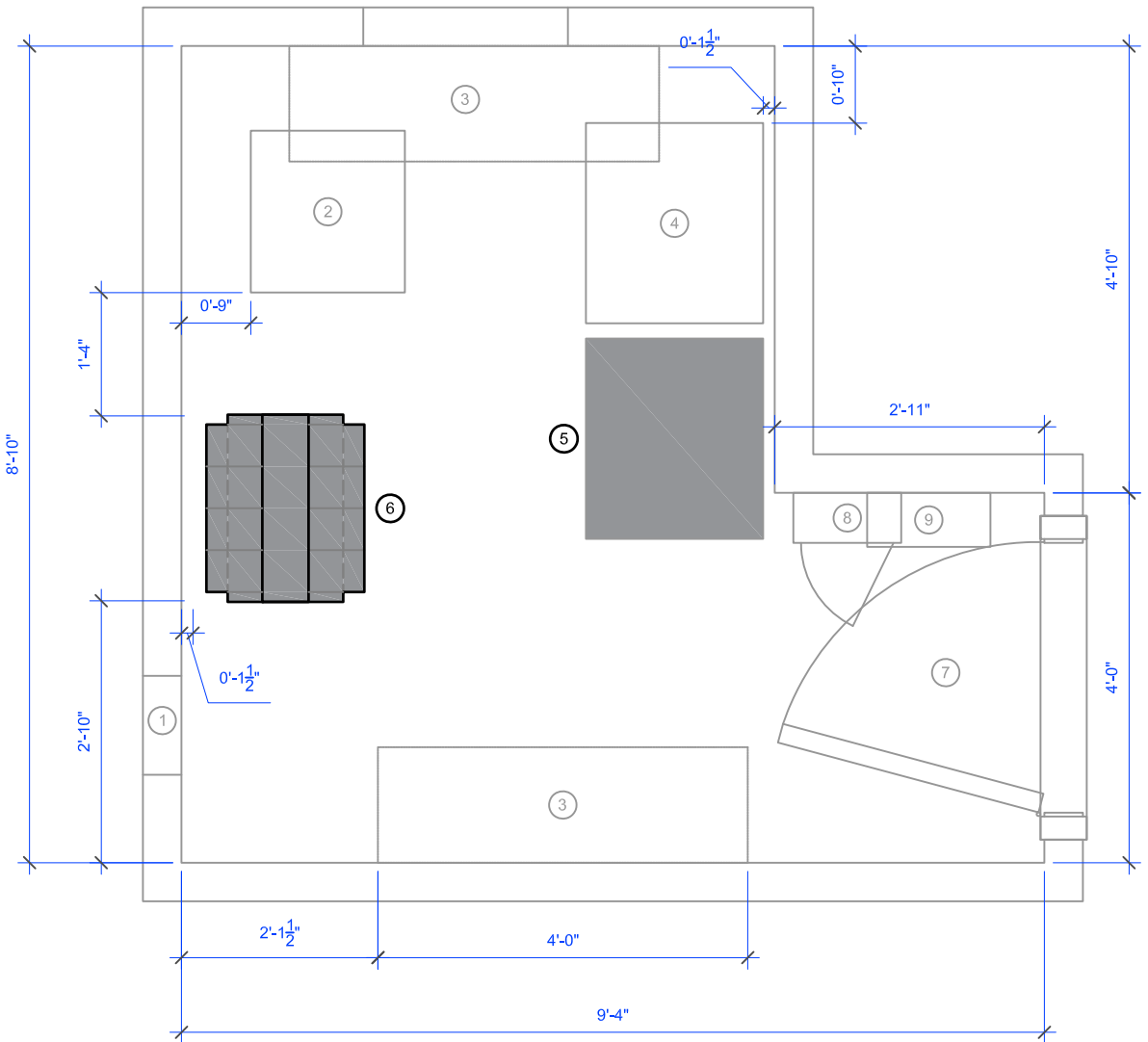
EXISTING EQUIPMENT PLAN



SCALE: 1" = 1'-0" (24x36)  
(OR) 1/2" = 1'-0" (11x17)

KEY NOTES:

- ① EXISTING PORT
- ② EXISTING FIF RACK
- ③ EXISTING HVAC UNIT ABOVE
- ④ EXISTING VERTIV DC POWER RACK
- ⑤ EXISTING LTE RACK  
**ADD 1XAMIA/3XABIO/1XASIL  
ADD DC12 RM RAYCAP**
- ⑥ **ADD INDOOR VERTIV BATTERY RACK  
ADD (4) 190AH BATTERIES**
- ⑦ EXISTING ACCESS DOOR
- ⑧ EXISTING AC PANEL
- ⑨ EXISTING AC SURGE



NEW EQUIPMENT PLAN



SCALE: 1" = 1'-0" (24x36)  
(OR) 1/2" = 1'-0" (11x17)



**Smartlink LLC**  
1997 Annapolis Exch.Pkwy # 200  
Annapolis, MD 21401  
Tel: 410-263-LINK (5465)  
Fax: 410-263-5470  
www.smartlinkllc.com



**693248**

REVISIONS			
REV	DATE	DESCRIPTION	INT
0	03/29/22	ISSUED FOR REVIEW 90%	NK
1	05/02/22	ISSUED FOR FINAL	JG



**SITE INFORMATION**

**SITE #: IDL04058**  
**SITE NAME: JACKSON\_DT**  
**FA #: 10129826**

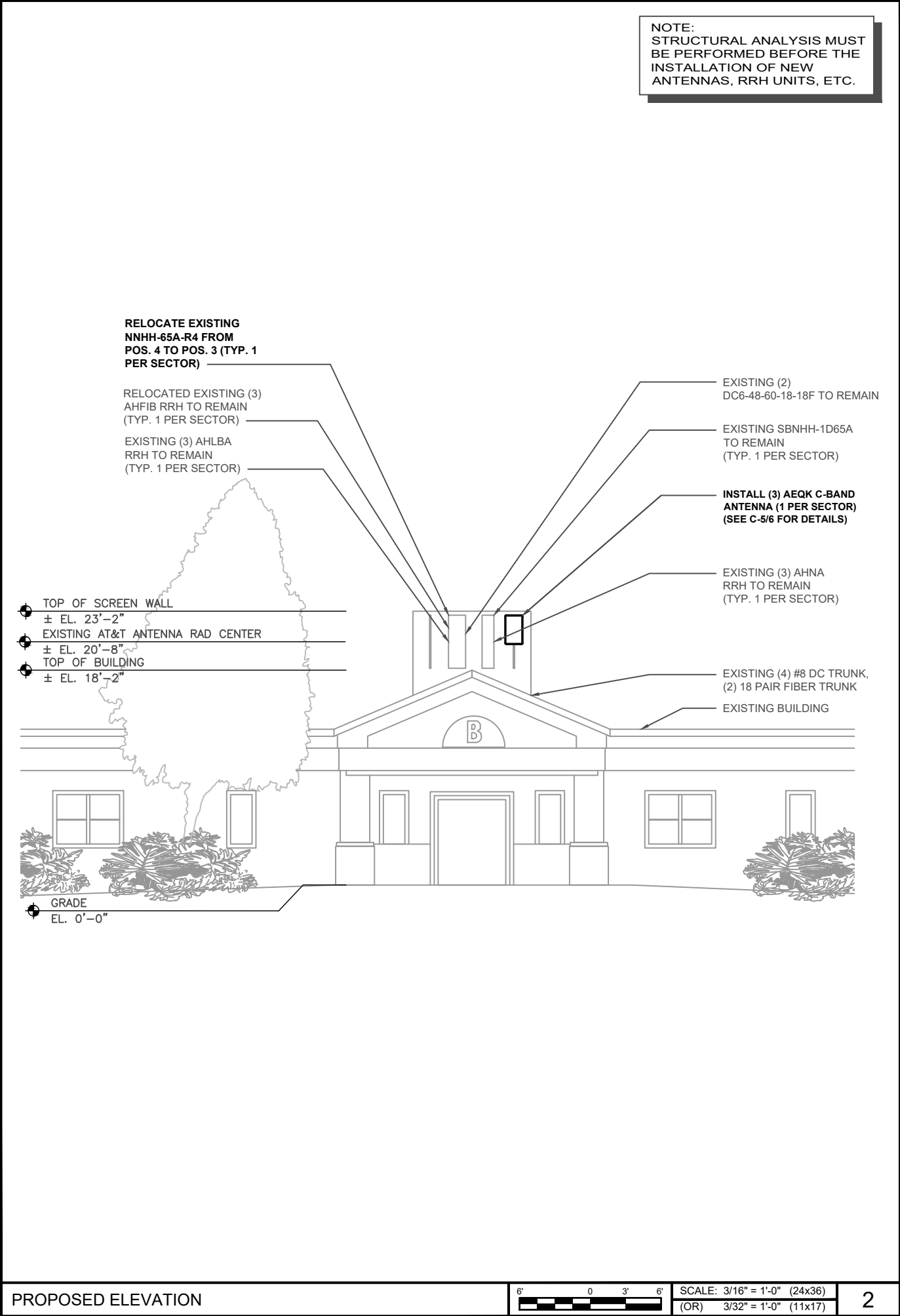
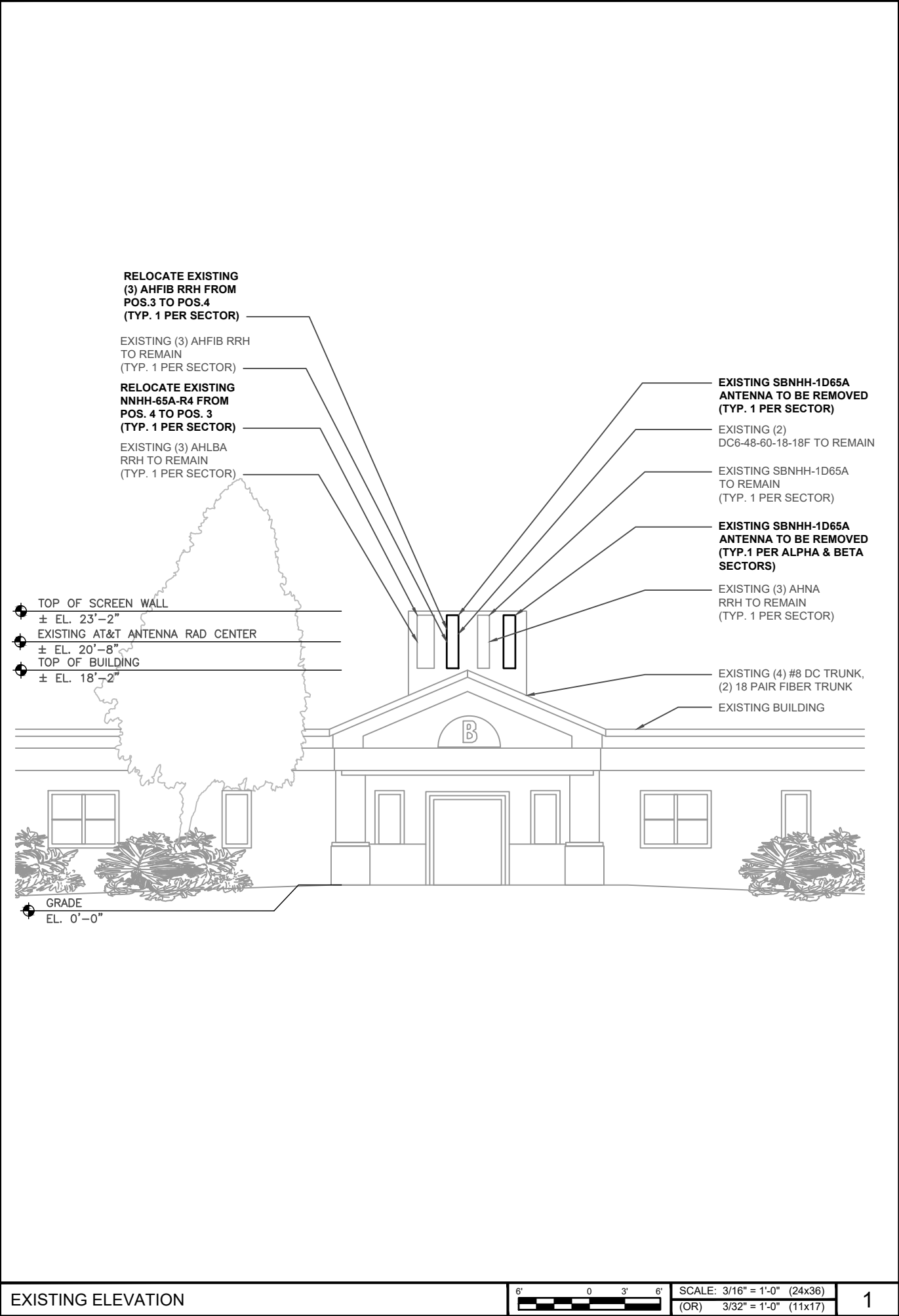
**555 EAST BROADWAY**  
**JACKSON, WY 83001**

**SHEET TITLE:**

**EQUIPMENT PLAN**

**SHEET NUMBER:**

**C-2**



NOTE:  
STRUCTURAL ANALYSIS MUST  
BE PERFORMED BEFORE THE  
INSTALLATION OF NEW  
ANTENNAS, RRH UNITS, ETC.



**Smartlink LLC**  
1997 Annapolis Exch.Pkwy # 200  
Annapolis, MD 21401  
Tel: 410-263-LINK (5465)  
Fax: 410-263-5470  
www.smartlinkllc.com



**TRILEAF**  
architecture | engineering  
1515 DES PERES ROAD, STE 200  
SAINT LOUIS, MISSOURI 63131  
PHONE | 314-997-6111 FAX | 314-997-0886

REVISIONS			
REV	DATE	DESCRIPTION	INT
0	03/29/22	ISSUED FOR REVIEW 90%	NK
1	05/02/22	ISSUED FOR FINAL	JG



**SITE INFORMATION**

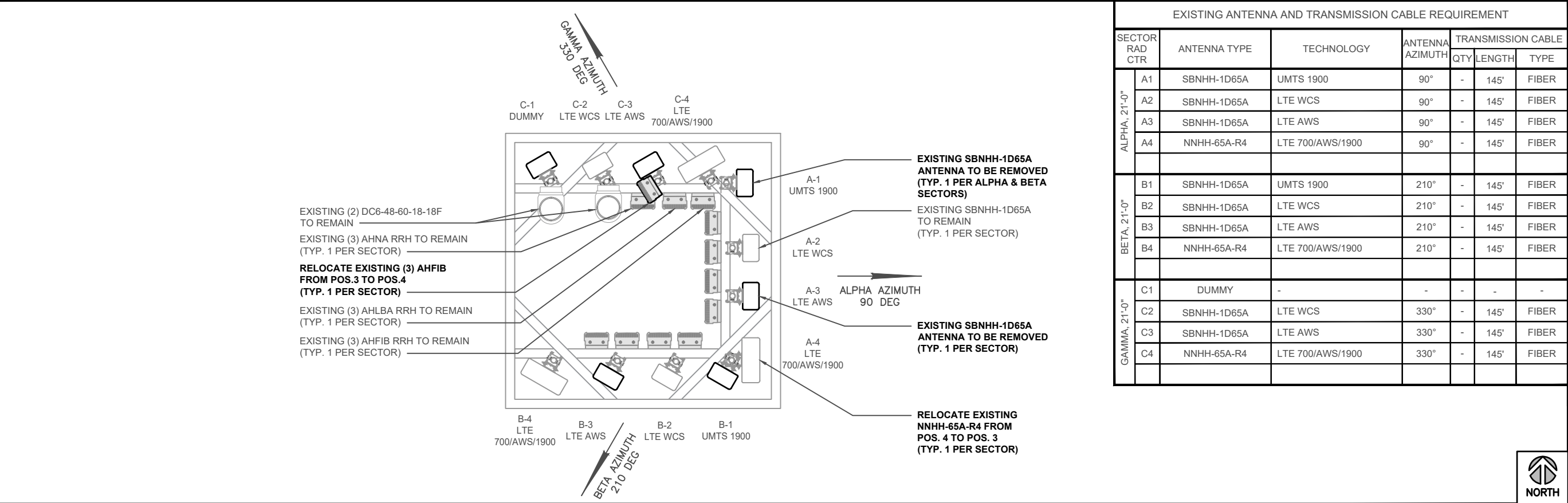
**SITE #: IDL04058**  
**SITE NAME: JACKSON\_DT**  
**FA #: 10129826**

**555 EAST BROADWAY**  
**JACKSON, WY 83001**

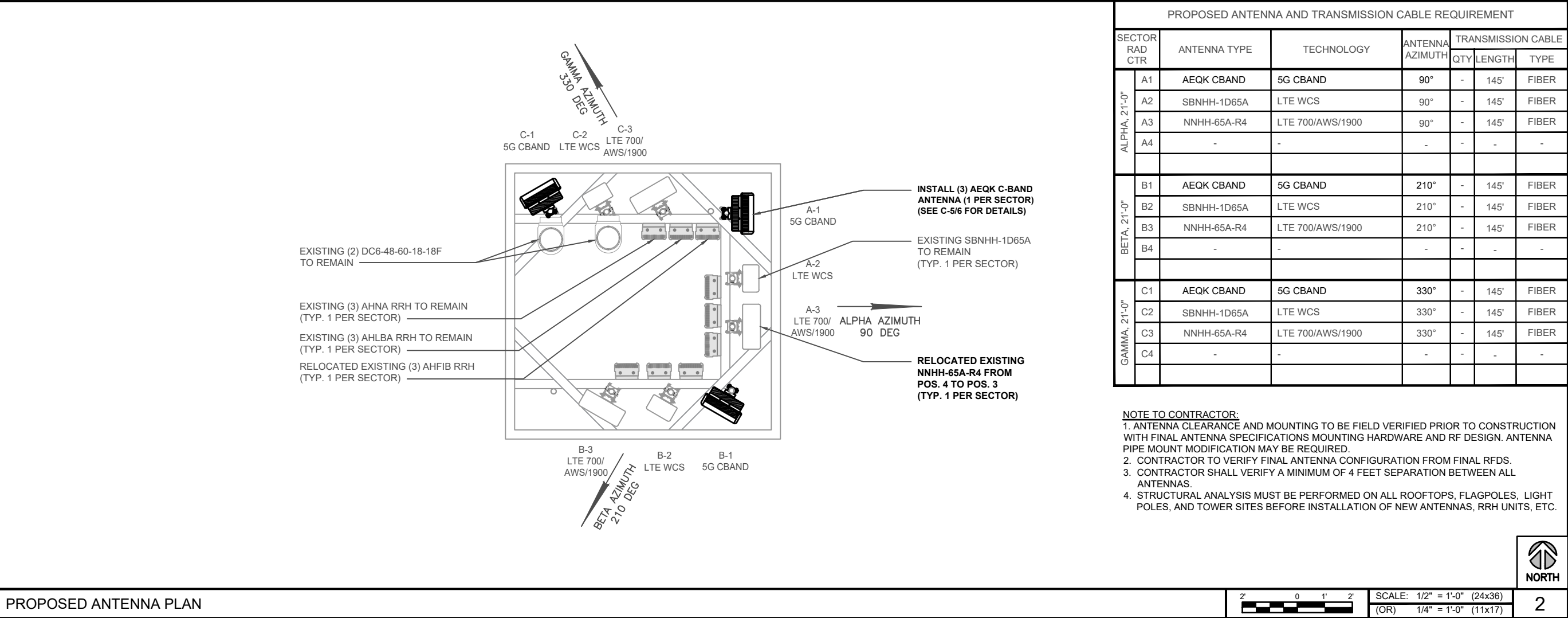
**SHEET TITLE:**  
**TOWER ELEVATIONS**

**SHEET NUMBER:**  
**C-3**





EXISTING ANTENNA PLAN



PROPOSED ANTENNA PLAN

**Smartlink LLC**  
1997 Annapolis Exch Pkwy # 200  
Annapolis, MD 21401  
Tel: 410-263-LINK (5465)  
Fax: 410-263-5470  
www.smartlinkllc.com

**TRILEAF**  
architecture | engineering  
1818 DES PERES ROAD, STE 200  
SAINT LOUIS, MISSOURI 63131  
PHONE | 314-897-8111 FAX | 314-897-8886

693248

REVISIONS			
REV	DATE	DESCRIPTION	INT
0	03/29/22	ISSUED FOR REVIEW 90%	NK
1	05/02/22	ISSUED FOR FINAL	JG

SITE INFORMATION

**SITE #: IDL04058**  
**SITE NAME: JACKSON\_DT**  
**FA #: 10129826**

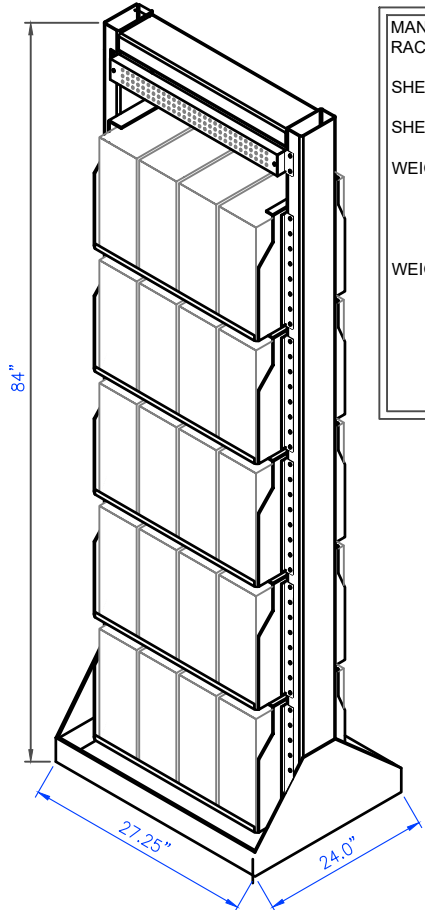
**555 EAST BROADWAY**  
**JACKSON, WY 83001**

SHEET TITLE:

**ANTENNA PLANS**

SHEET NUMBER:

**C-4**

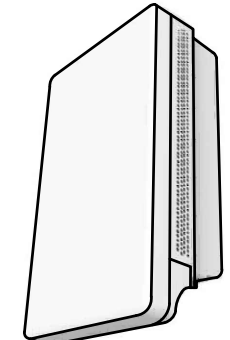


MANUFACTURER: VERTIV  
RACK (H x W x D):  
84" x 27.25" x 24"  
SHELF (H x W x D):  
13.27" x 21.57" x 21.16"  
SHELF WEIGHT CAPACITY:  
560 LBS/SHELF  
WEIGHT:  
(WITHOUT BATTERIES)  
3 SHELF ~575 lbs  
4 SHELF ~650 lbs  
5 SHELF ~725 lbs  
WEIGHT:  
(\*WITH BATTERIES)  
5 SHELF (\*20) ~3130 lbs

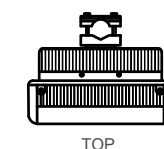
NOTE:  
(3) STRINGS OF 190Ah  
BATTERIES ARE  
INSUFFICIENT ADD (4) 190AH  
BATTERIES - PERM GENSET  
ONSITE

BATTERY RACK DETAIL

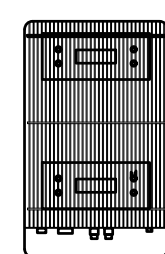
SCALE:  
NTS5



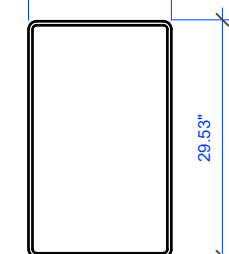
MANUFACTURER: NOKIA  
MODEL #: AEQK  
DIMENSIONS (HxWxD): 29.53" x 17.72" x 9.45"  
NET WEIGHT: <99 lbs (WITHOUT MOUNTING BRACKETS)  
OPTICAL PORTS: 2 x SFP28, 10/25GE eCPRI  
FREQUENCY:



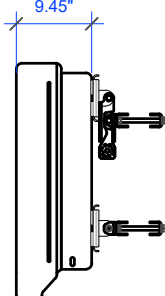
TOP



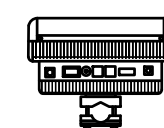
BACK



FRONT



SIDE



BOTTOM

ANTENNA INFORMATION

SCALE:  
NTS6


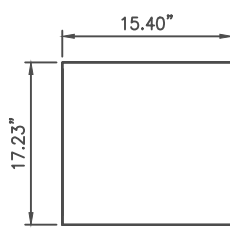
NOT USED

SCALE:  
NTS2

NOT USED

SCALE:  
NTS3

RAYCAP DC12-48-60-RM (V2)	
MAUFACTURES:	RAYCAPS
MODEL:	DC12-48-60-RM (V2)
DIMENSIONS: H X W X D (IN)	3.48" X 17.23" X 15.40"
WEIGHT (LBS):	27.0 LBS
NOMINAL OPERATION VOLTAGE:	48 VDC
VOLTAGE PROTECTION RATING:	700 VOLTS



RAYCAP DC12-48-60-RM (V2) DETAIL

SCALE:  
NTS4



12" (TYP)

18" (TYP)

RF WARNING SIGNAGE

SCALE:  
NTS1



12" (TYP)

18" (TYP)

RF WARNING SIGNAGE

SCALE:  
NTS1





12" (TYP)


18" (TYP)

RF WARNING SIGNAGE

SCALE:  
NTS1



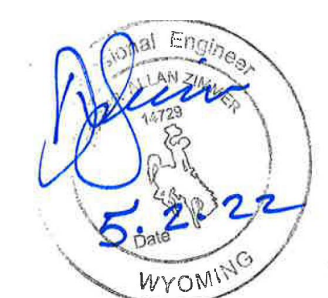
Smartlink LLC  
1997 Annapolis Exch Pkwy # 200  
Annapolis, MD 21401  
Tel: 410-263-LINK (5465)  
Fax: 410-263-5470  
www.smartlinkllc.com



1515 DES PERES ROAD, STE 200  
SAINT LOUIS, MISSOURI 63131  
PHONE | 314-897-8111 FAX | 314-897-8886

693248

REVISIONS			
REV	DATE	DESCRIPTION	INT
0	03/29/22	ISSUED FOR REVIEW 90%	NK
1	05/02/22	ISSUED FOR FINAL	JG



SITE INFORMATION

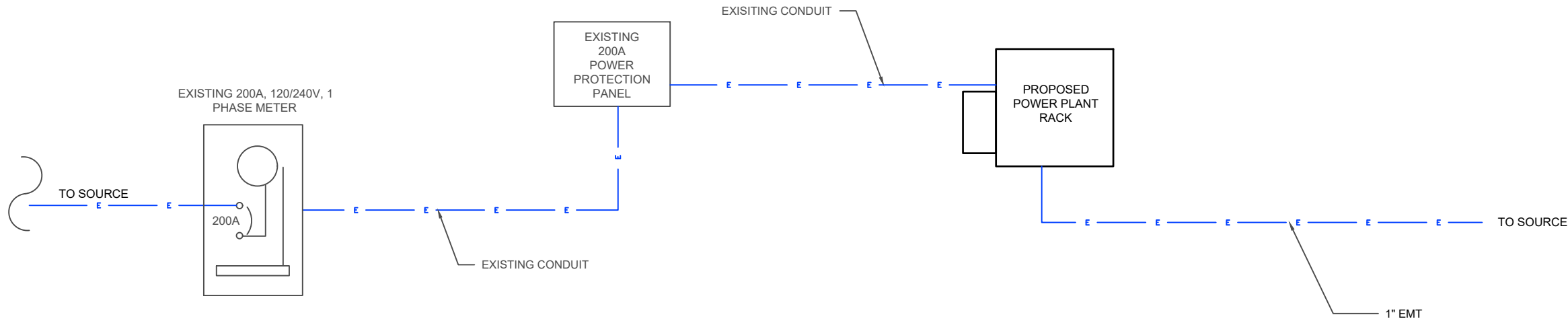
SITE #: IDL04058  
SITE NAME: JACKSON\_DT  
FA #: 10129826

555 EAST BROADWAY  
JACKSON, WY 83001

SHEET TITLE:  
RF WARNING &  
EQUIPMENT DETAILS

SHEET NUMBER:  
C-5





CONDUCTOR NOTES:  
1. ALL CONDUCTOR SHALL BE COPPER.  
2. ALL WIRING SHALL BE COPPER WITH THHN/THWN DUAL RATED 600 VOLTS INSULATION.  
3. CONDUCTORS SHALL BE 12 AWG MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE.  
4. GROUNDING CONDUCTORS SHALL BE SOLID TINNED COPPER UNLESS OTHERWISE NOTED.



Smartlink LLC

1997 Annapolis Exch.Pkwy # 200  
Annapolis, MD 21401  
Tel: 410-263-LINK (5465)  
Fax: 410-263-5470  
www.smartlinkllc.com



693248

REVISIONS			
REV	DATE	DESCRIPTION	INT
0	03/29/22	ISSUED FOR REVIEW 90%	NK
1	05/02/22	ISSUED FOR FINAL	JG



SITE INFORMATION

SITE #: IDL04058  
SITE NAME: JACKSON\_DT  
FA #: 10129826

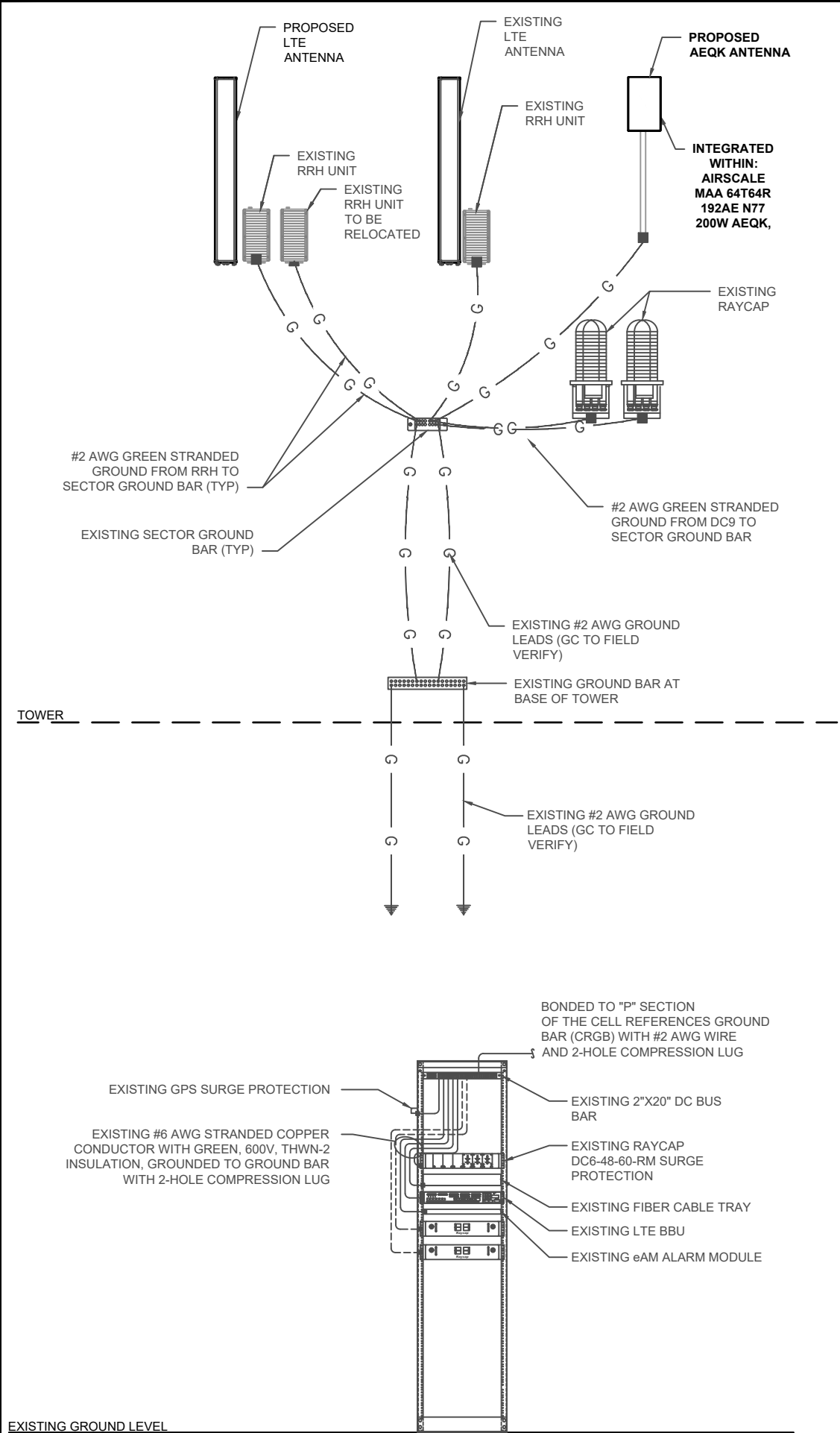
555 EAST BROADWAY  
JACKSON, WY 83001

SHEET TITLE:

ELECTRICAL DIAGRAM

SHEET NUMBER:

E-1



TYPICAL GROUNDING SCHEMATIC

SCALE: NTS 7

TYPE HS

TYPE 2-YA-2

TYPE XA

TYPE YA-2

TYPE GT

TYPE TA

TYPE VN

TYPE NC

TYPE SS

TYPE GY

TYPE VV

TYPE VS

TYPE VB

TYPE PT

TYPE GR

NOTE: ERICO EXOTHERMIC "MOLD TYPES" SHOWN HERE ARE EXAMPLES. CONSULT WITH PROJECT MANAGER FOR SPECIFIC MOLDS TO BE USED FOR THIS PROJECT.

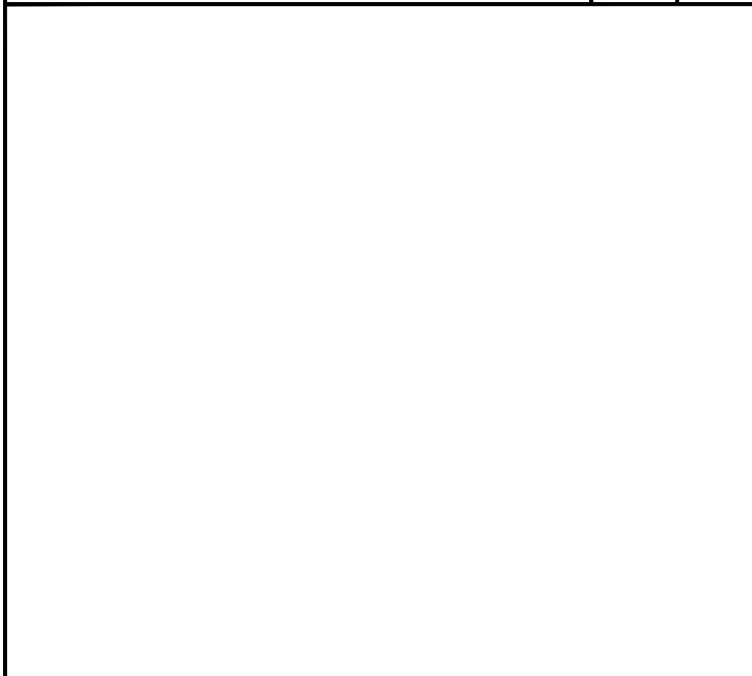
EXOTHERMIC WELDING

SCALE: NTS 4



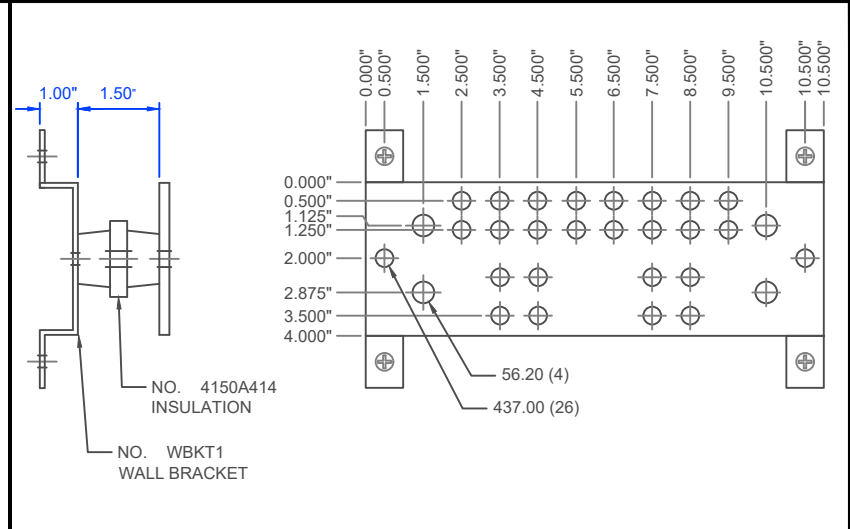
NOT USED

SCALE: NTS 5



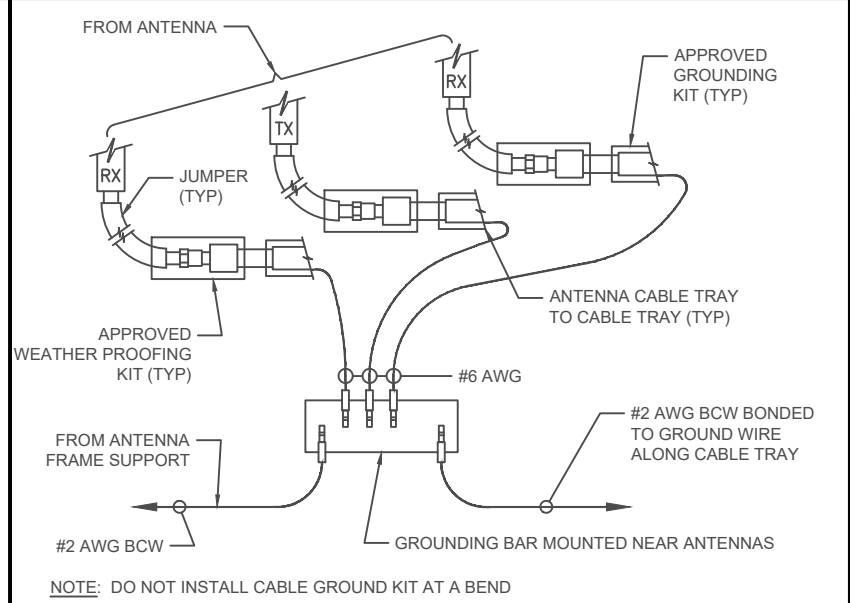
NOT USED

SCALE: NTS 6



12" & 18" GROUND BARS

SCALE: NTS 1



COAX GROUNDING DETAIL

SCALE: NTS 2

WIRE SIZE	BURNDY LUG	BOLT SIZE
#2 AWG SOLID TINNED	YA3C-2TC38	3/8"-16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8"-16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8"-16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	3/8"-16 NC S 2 BOLT

NOTES:

- ALL HARDWARE BOLT, NUTS, LOCK WASHERS SHALL BE STAINLESS STEEL. ALL HARDWARE ARE TO BE AS FOLLOWS: BOLT, FLAT WASHER, GROUND BAR, GROUND LUG, FLAT WASHER AND NUT.
- COPPER SHIELD, ANTIOX, CR NO-OX OR EQUIVALENT SHALL BE PLACED WHERE ALL DISSIMILAR METALS CONNECT.
- ALL LUGS TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- ALL RRH GROUND WIRES SHALL BE #2 GREEN STRANDED.
- ALL GROUND LUGS SHALL BE 2-HOLE, LONG BARREL.
- OUTDOOR GROUND LUGS SHALL BE BLACK HEAT SHRINK W/O INSPECTION HOLES.
- INDOOR GROUND LUGS SHALL BE CLEAR HEAT SHRINK W/ INSPECTION HOLES.

MECHANICAL LUG CONNECTION

SCALE: NTS 3

**Smartlink LLC**  
1997 Annapolis Exch Pkwy # 200  
Annapolis, MD 21401  
Tel: 410-263-LINK (5465)  
Fax: 410-263-5470  
www.smartlinkllc.com

**TRILEAF**  
architecture | engineering  
1818 DES PERES ROAD, STE 200  
SAINT LOUIS, MISSOURI 63131  
PHONE | 314-997-6111 FAX | 314-997-0886

693248

REVISIONS			
REV	DATE	DESCRIPTION	INT
0	03/29/22	ISSUED FOR REVIEW 90%	NK
1	05/02/22	ISSUED FOR FINAL	JG

SITE INFORMATION

**SITE #: IDL04058**  
**SITE NAME: JACKSON\_DT**  
**FA #: 10129826**

**555 EAST BROADWAY**  
**JACKSON, WY 83001**

SHEET TITLE:  
**GROUNDING DETAILS**

SHEET NUMBER:  
**G-1**