



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: June 10, 2022</p> <p>Item #: P22-148</p> <hr/> <p>Planner: Katelyn Page</p> <p>Phone: 307-733-0440 ext. 1302</p> <p>Email: kpape@jacksonwy.gov</p> <hr/> <p>Owner Jackson Hole Acquisition Group, LLC 5600 Mariner St. STE 200 Tampa, FL 33609</p> <hr/> <p>Applicant: AT&T Mobility 7670 S Chester St. 3rd fl Centennial, CO 80112</p>	<p style="text-align: center;">REQUESTS:</p> <p>The applicant is submitting a request for a Basic Use Permit to modify existing wireless communication facility located at 400 E Snow King Ave., legally known as SE1/4NW1/4 SEC. 34, TWP. 41, RNG. 116 TRACT B, PIDN: 22-41-16-34-2-00-012</p> <p>For questions, please call Katelyn Page at 307-733-0440, x1302 or email to the address shown below. Thank you.</p>
<p>Please respond by: June 24, 2022 (Sufficiency) July 1, 2022 (with Comments)</p>	

RESPONSE: For Departments not using Trak-it, please send responses via email to:
alangle@jacksonwy.gov



PLANNING PERMIT APPLICATION
Planning & Building Department

150 E Pearl Ave. | ph: (307) 733-0440
P.O. Box 1687 | 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

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 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 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 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 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



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:

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 : Dr. Kiran C. Patel

Being duly sworn, deposes and says that Jackson Hole Acquisition Group, LLC is the owner in fee of the premises located at:

Name of property owner as listed on deed

Address of Premises: 400 E. Snow King Ave Jackson, WY 83001

Legal Description: SE1/4NW1/4 SEC. 34, TWP. 41, RNG. 116 TRACT B

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

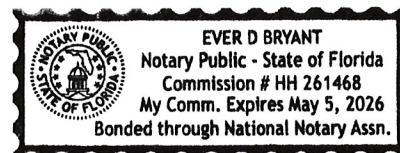
Title if signed by officer, partner or member of corporation, LLC (secretary or corporate owner) partnership or other non-individual Owner Manager

STATE OF Florida)
COUNTY OF Hillsborough) SS.

The foregoing instrument was acknowledged before me by Kiran Patel this 8th day of June, 2022. WITNESS my hand and official seal.

Ever D Bryant
Notary Public

My commission expires:



AT&T Technology Upgrade Project
Snow King Lodge – IDL04024
FA: 10129882
400 E. Snow King 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 Snow King Resort. 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 9/29/2022 – 10/13/2022 during normal business hours. AT&T is proposing the following changes as shown below.

SCOPE OF WORK	
RFDS VERSION :	2.00
DATE UPDATED:	02/23/2022
<u>EQUIPMENT LEVEL</u>	
<ul style="list-style-type: none">• REMOVE EXISTING PDF• REMOVE UMTS CABINET• REMOVE (3) EXISTING RRH UNITS• INSTALL (3) PROPOSED RRH UNITS• INSTALL 5G CONFIG: 1xAMIA/3xABIO/1xASIL• INSTALL (1) DC12-48-60-RM (V2)• INSTALL (1) -48vDC VERTIV DC PLANT W/ (3) BATTERY SHELVES• INSTALL (1) -48vDC VERTIV BATTERY RACK• INSTALL (9) VERTIV RECTIFIERS & (2) CONVERTERS• INSTALL (4) 190AH BATTERIES	
<u>ANTENNA LEVEL</u>	
<ul style="list-style-type: none">• REMOVE (3) EXISTING GSM ANTENNAS• REMOVE (3) TMAS• INSTALL (3) PROPOSED AEQK C-BAND ANTENNAS• INSTALL (1) DC9-48-60-PC16-EV TO INTERIOR OF COUPLA• INSTALL (1) #6 DC TRUNK & (1) 24 PAIR FIBER TRUNK	

I certify that this project scope of work is in compliance with all non-discretionary structural, electrical, energy, building, and safety codes.

AT&T Technology Upgrade Project Snow King Lodge - IDL04024

FA: 10129882

400 E. Snow King Ave. Jackson, WY 83001

June 10, 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: 400 E Snow King Ave. Jackson, WY 83001

AT&T Project No.: Snow King Lodge – IDL04024 – FA: 10129882

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. This request is being made pursuant to Section 6409 of the federal Middle Class Tax Relief and Job Creation Act of 2012, 47 U.S.C. 1455(a) and complies with all regulations set forth therein.

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

Component	Federal Section 6409 Limits	AT&T's Proposed Modification
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 6/10/2022, the projected shot-clock deadline for a decision is 8/9/2022. 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

c. (484) 464-8309

www.smartlinkgroup.com

Keeping America Connected For Over
20 Years



at&t

IDL04024

SNOW KING LODGE

FA#: 10129882

PTN#: 3770A13ALL/3770A13BLA

PACE ID: MRUTH050582/MRUTH050597

67'-0" ROOFTOP

5G NR 1SR CBAND / 4TXRX ANTENNA RETROFIT

SITE INFORMATION

TOWER OWNER:	ROOFTOP-SNOW KING RESORT
SITE NUMBER-NAME:	IDL04024-SNOW KING LODGE
SITE ADDRESS:	400 EAST SNOW KING AVENUE JACKSON, WY 83001
COUNTY:	TETON
LATITUDE:	43.4735555 (43° 28' 24.8" N)
LONGITUDE:	-110.755194 (110° 45' 18.7" W)
GROUND ELEVATION:	6313' AMSL
OCCUPANCY TYPE:	UNMANNED
ZONING JURISDICTION:	TOWN OF JACKSON
ZONING CODE:	PR-SK
PARCEL NUMBER:	22-41-16-34-2-00-012
POWER PROVIDER:	LOWER VALLEY ENERGY
TELCO PROVIDER:	CENTURYLINK

CONTACT INFORMATION

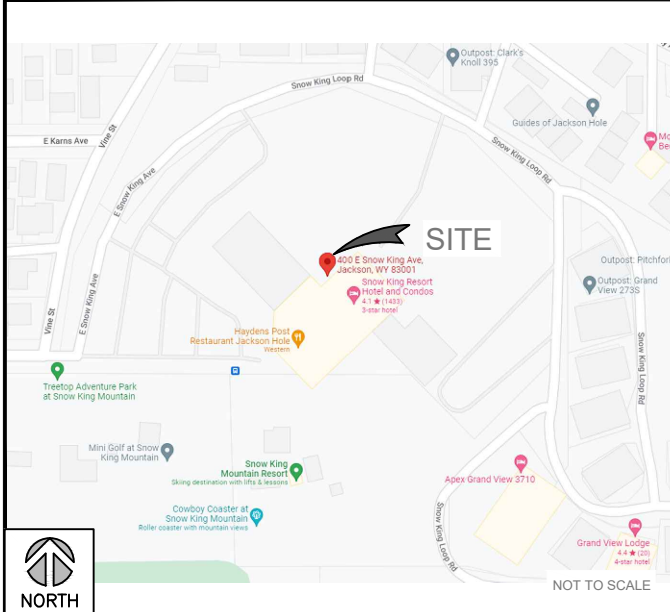
A&E SERVICES:
TRILEAF CORPORATION
1821 WALDEN OFFICE SQUARE
SUITE 500
SCHAUMBURG, IL 60173
CONTACT: HILDA ALLAWIRDI
PHONE: (630) 227-0202, EXT. 537
EMAIL: h.allawirdi@trileaf.com

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

JACKSON STORE START AT US 26 GO STRAIGHT (ENE) ON US 26 (US 89) US 191 (W BROADWAY) GO STRAIGHT (E) ON TO W PEARL AVE TURN RIGHT (S) ON TO S JACKSON ST TURN LEFT (E) ON TO W KELLY AVE GO STRAIGHT (E) ON TO E KELLY AVE TURN RIGHT (S) ON TO S WILLOW ST TURN LEFT (E) ON TO E SNOW KING AVE TURN LEFT (ESE) ON TO SNOW KING LOOP RD TURN RIGHT (NNW) ON TO <UNNAMED> FINISH AT SNOW KING MOUNTAIN LODGE SITE IS ON NORTH SIDE IN SHED.

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
C-6	EQUIPMENT DETAILS	1
E-1	PANEL SCHEDULE & ELECTRICAL DIAGRAM	1
G-1	GROUNDING DETAILS	1

SCOPE OF WORK

RFDS VERSION : 2.00 DATE UPDATED: 02/23/2022

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- INSTALL (1) DC9-48-60-PC16-EV TO INTERIOR OF COUPLA
- INSTALL (1) #6 DC TRUNK & (1) 24 PAIR FIBER TRUNK



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

694362

REVISIONS

REV	DATE	DESCRIPTION	INT
0	03/22/22	ISSUED FOR REVIEW 90%	NK
1	04/29/22	ISSUED FOR FINAL	JG



SITE INFORMATION

SITE #: IDL04024
SITE NAME: SNOW KING LODGE
FA #: 10129882

400 EAST SNOW KING AVENUE
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.



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1	04/29/22	ISSUED FOR FINAL	JG



SITE INFORMATION

SITE #: IDL04024
SITE NAME: SNOW KING LODGE
FA #: 10129882

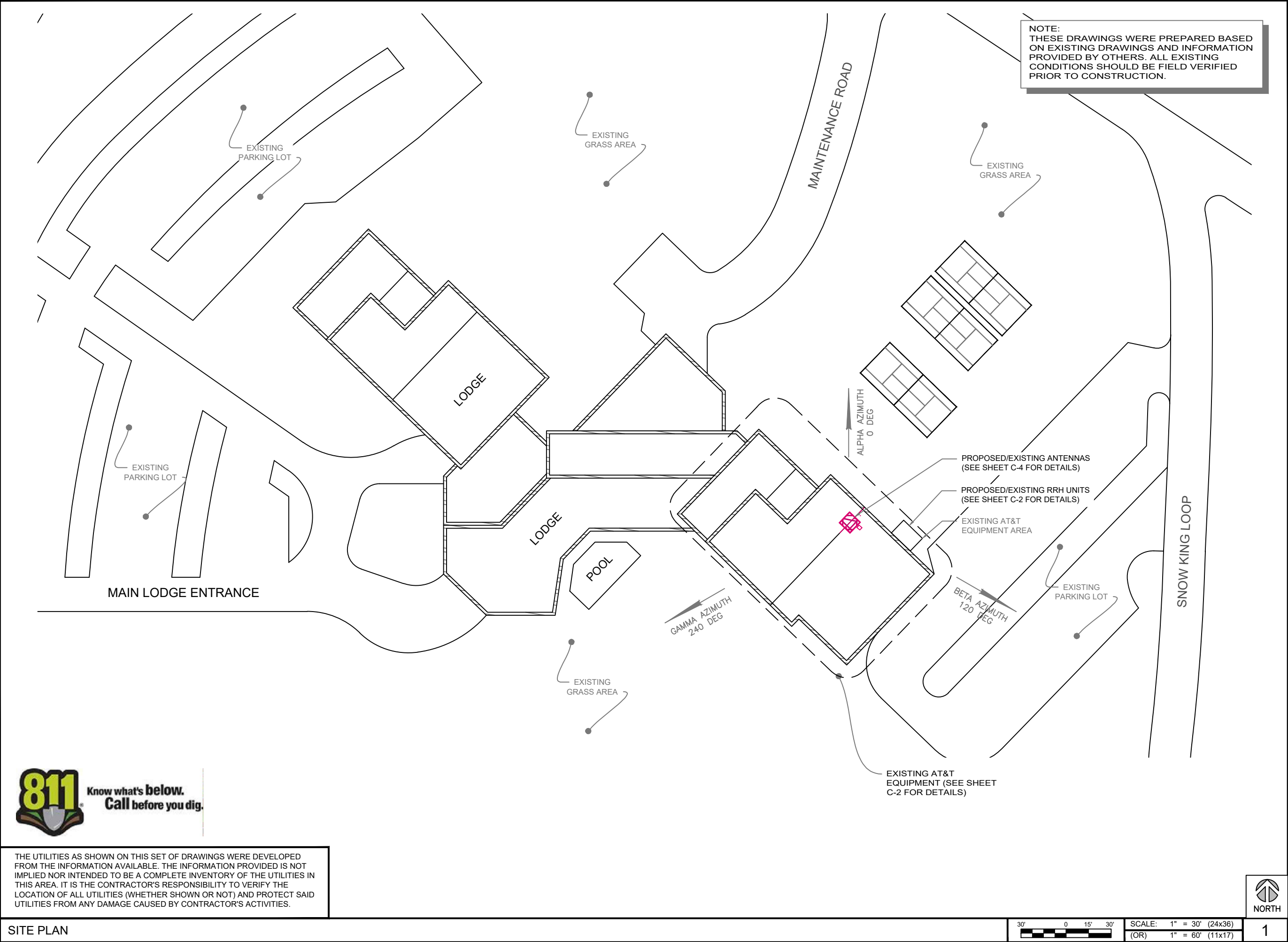
400 EAST SNOW KING AVENUE
JACKSON, WY 83001

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

GN-1



THE UTILITIES AS SHOWN ON THIS SET OF DRAWINGS WERE DEVELOPED FROM THE INFORMATION AVAILABLE. THE INFORMATION PROVIDED IS NOT IMPLIED NOR INTENDED TO BE A COMPLETE INVENTORY OF THE UTILITIES IN THIS AREA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE CAUSED BY CONTRACTOR'S ACTIVITIES.

SITE PLAN

30' 0 15' 30' SCALE: 1" = 30' (24x36) (OR) 1" = 60' (11x17)



1



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**400 EAST SNOW KING AVENUE
JACKSON, WY 83001**

SHEET TITLE:

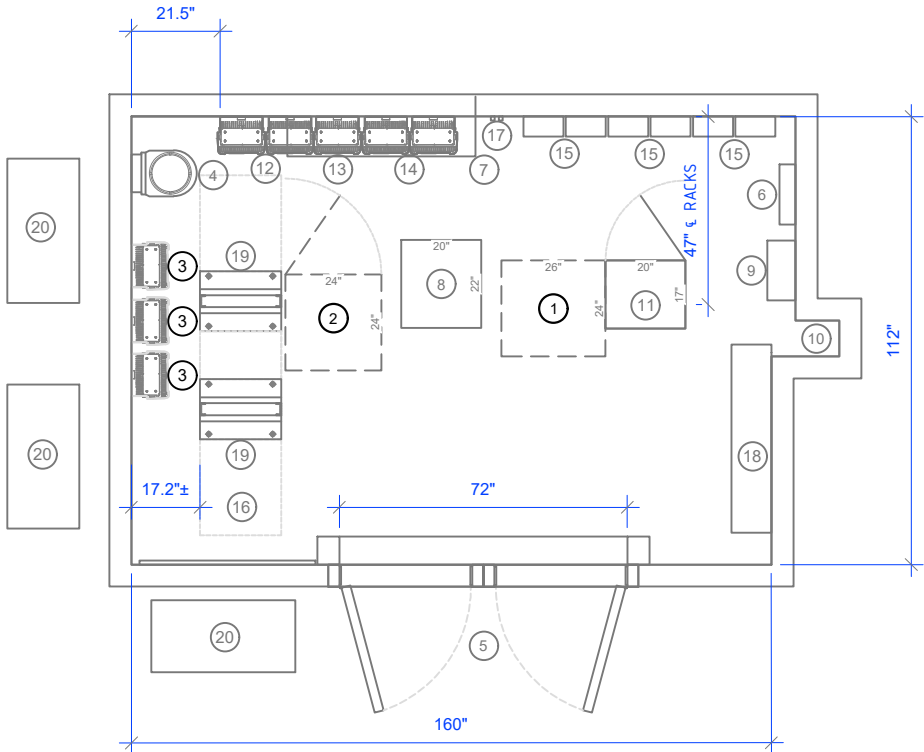
SITE PLAN

SHEET NUMBER:

C-1

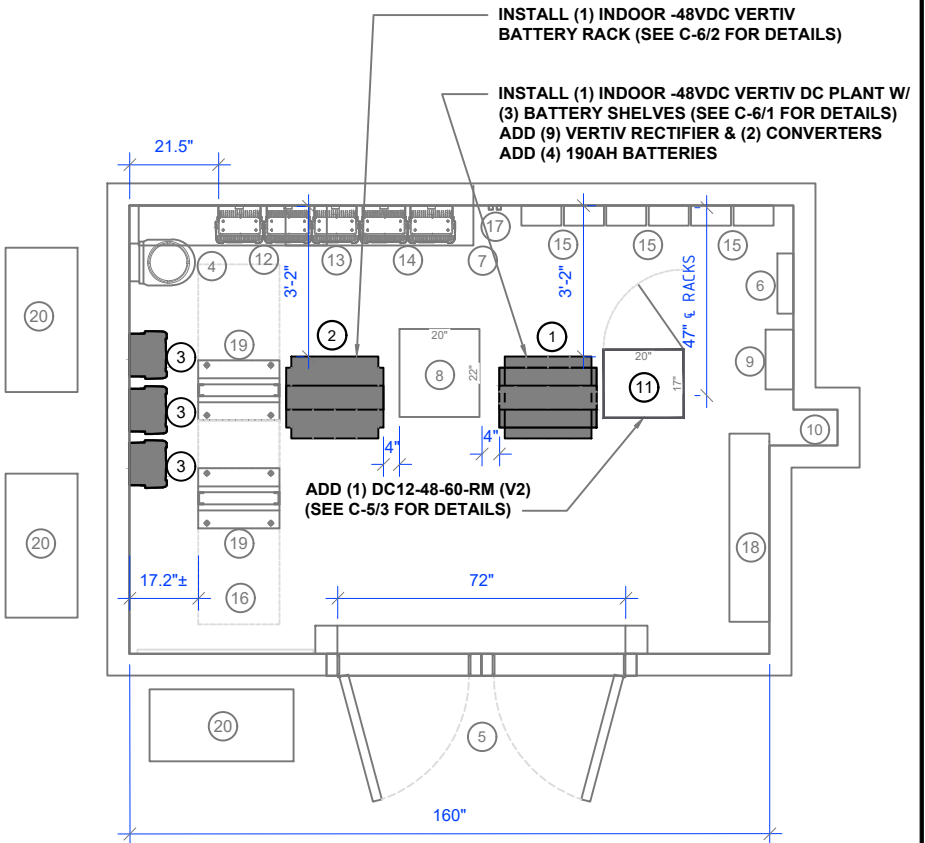
KEY NOTES:

- 1 REMOVE (1) EXISTING PDF
- 2 REMOVE (1) EXISTING UMTS CABINET
- 3 REMOVE (3) EXISTING RRH 4T4R B14 160W FRBI
- 4 EXISTING DC/FIBER BOX
- 5 EXISTING ACCESS DOORS
- 6 EXISTING AC PANEL
- 7 EXISTING HVAC MOUNTED ABOVE
- 8 EXISTING LTE RACK
- 9 EXISTING A/C SURGE
- 10 EXISTING COAX PORTS
- 11 EXISTING FIF
- 12 EXISTING (3) RRH4X30-4R TO REMAIN
- 13 EXISTING (3) B66A-RRH4X45 TO REMAIN
- 14 EXISTING (3) RRH4X25-WCS-4R TO REMAIN
- 15 EXISTING (12) QUADPLEXER COMBINERS TO REMAIN
- 16 EXISTING TELCO BOARD
- 17 EXISTING FIBER PENETRATION (ENTERS LOWER WALL)
- 18 EXISTING HVAC CEILING MOUNT
- 19 EXISTING BATTERY RACKS
- 20 EXISTING CONDENSER



KEY NOTES:

- 1 INSTALL (1) INDOOR -48VDC VERTIV DC PLANT W/ (3) VERTIV BATTERY SHELVES
ADD (9) VERTIV RECTIFIER & (2) CONVERTERS
ADD (4) 190AH BATTERIES
- 2 INSTALL (1) INDOOR -48VDC VERTIV BATTERY RACK
- 3 ADD PROPOSED (3) RRH AHLBBA
- 4 EXISTING DC/FIBER BOX
- 5 EXISTING ACCESS DOORS
- 6 EXISTING AC PANEL
- 7 EXISTING HVAC MOUNTED ABOVE
- 8 EXISTING LTE RACK
- 9 EXISTING A/C SURGE
- 10 EXISTING COAX PORTS
- 11 EXISTING FIF, ADD (1) DC12-48-60-RM (V2)
- 12 EXISTING (3) RRH4X30-4R TO REMAIN
- 13 EXISTING (3) B66A-RRH4X45 TO REMAIN
- 14 EXISTING (3) RRH4X25-WCS-4R TO REMAIN
- 15 EXISTING (12) QUADPLEXER COMBINERS TO REMAIN
- 16 EXISTING TELCO BOARD
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400 EAST SNOW KING AVENUE
JACKSON, WY 83001

SHEET TITLE:

EQUIPMENT PLAN

SHEET NUMBER:

C-2

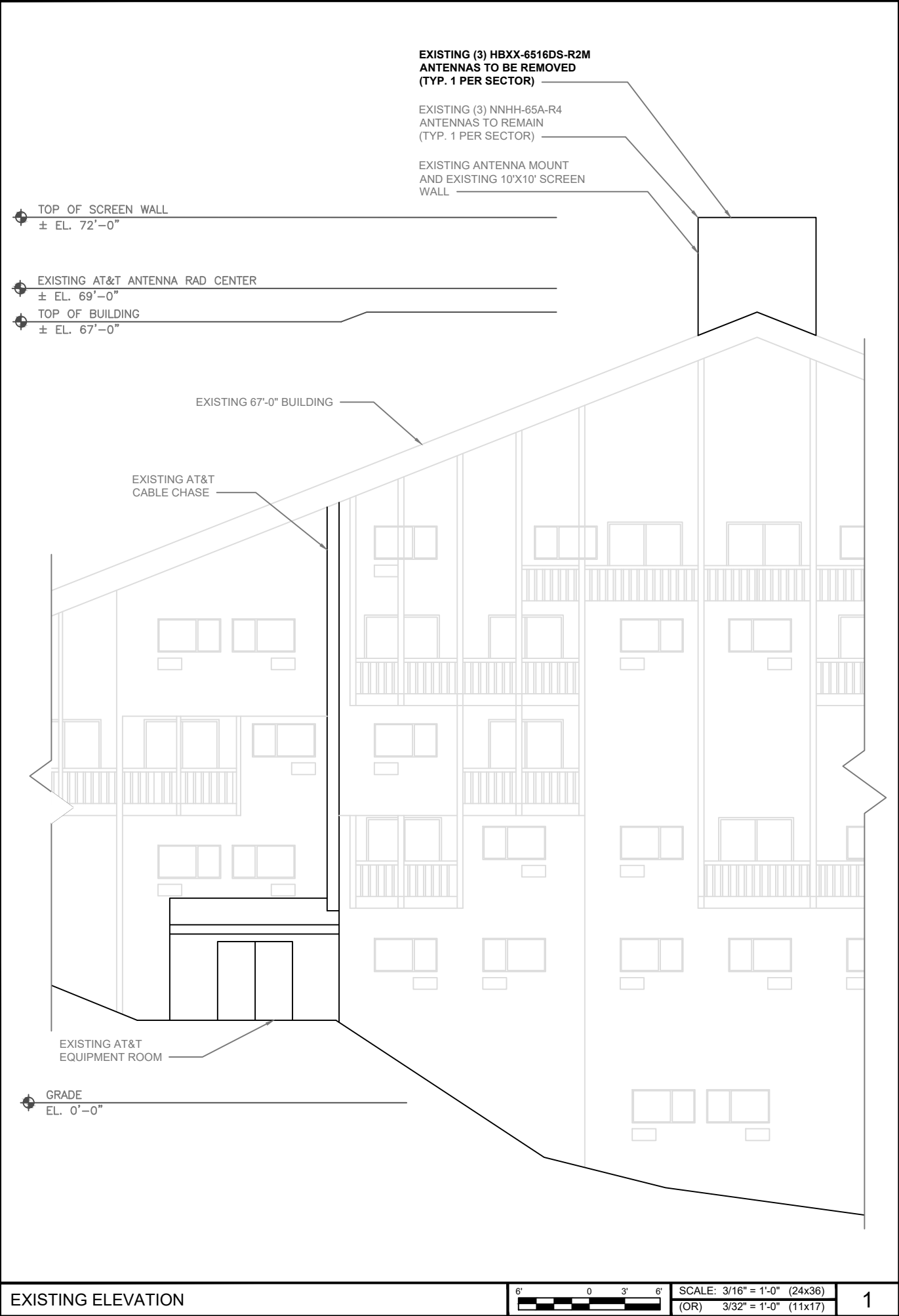


SCALE: 1/2" = 1'-0" (24x36)
(OR) 1/4" = 1'-0" (11x17)



SCALE: 1/2" = 1'-0" (24x36)
(OR) 1/4" = 1'-0" (11x17)



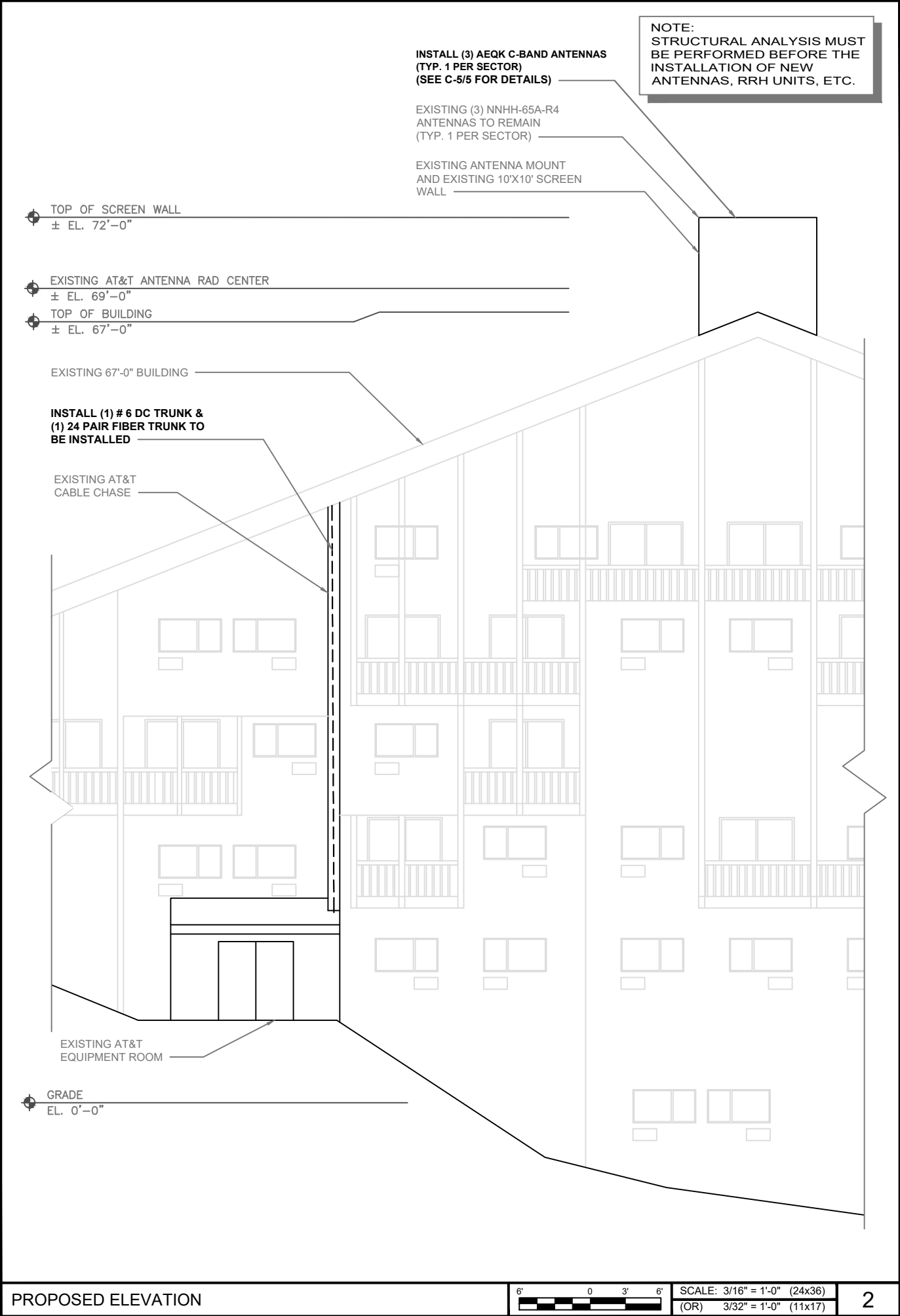


EXISTING ELEVATION



SCALE: 3/16" = 1'-0" (24x36)
(OR) 3/32" = 1'-0" (11x17)

1



PROPOSED ELEVATION



SCALE: 3/16" = 1'-0" (24x36)
(OR) 3/32" = 1'-0" (11x17)

2



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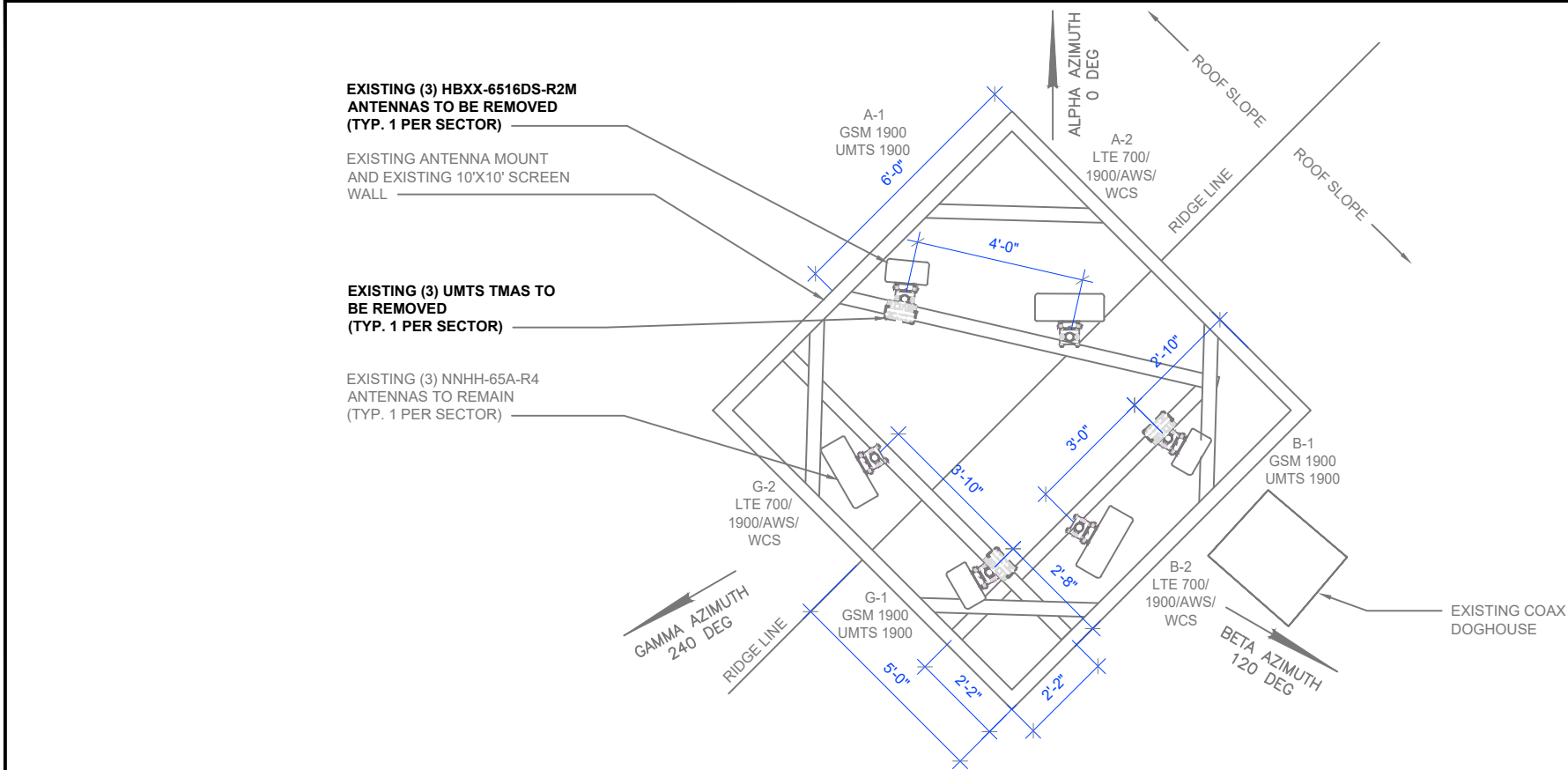
**400 EAST SNOW KING AVENUE
JACKSON, WY 83001**

SHEET TITLE:

**TOWER
ELEVATIONS**

SHEET NUMBER:

C-3

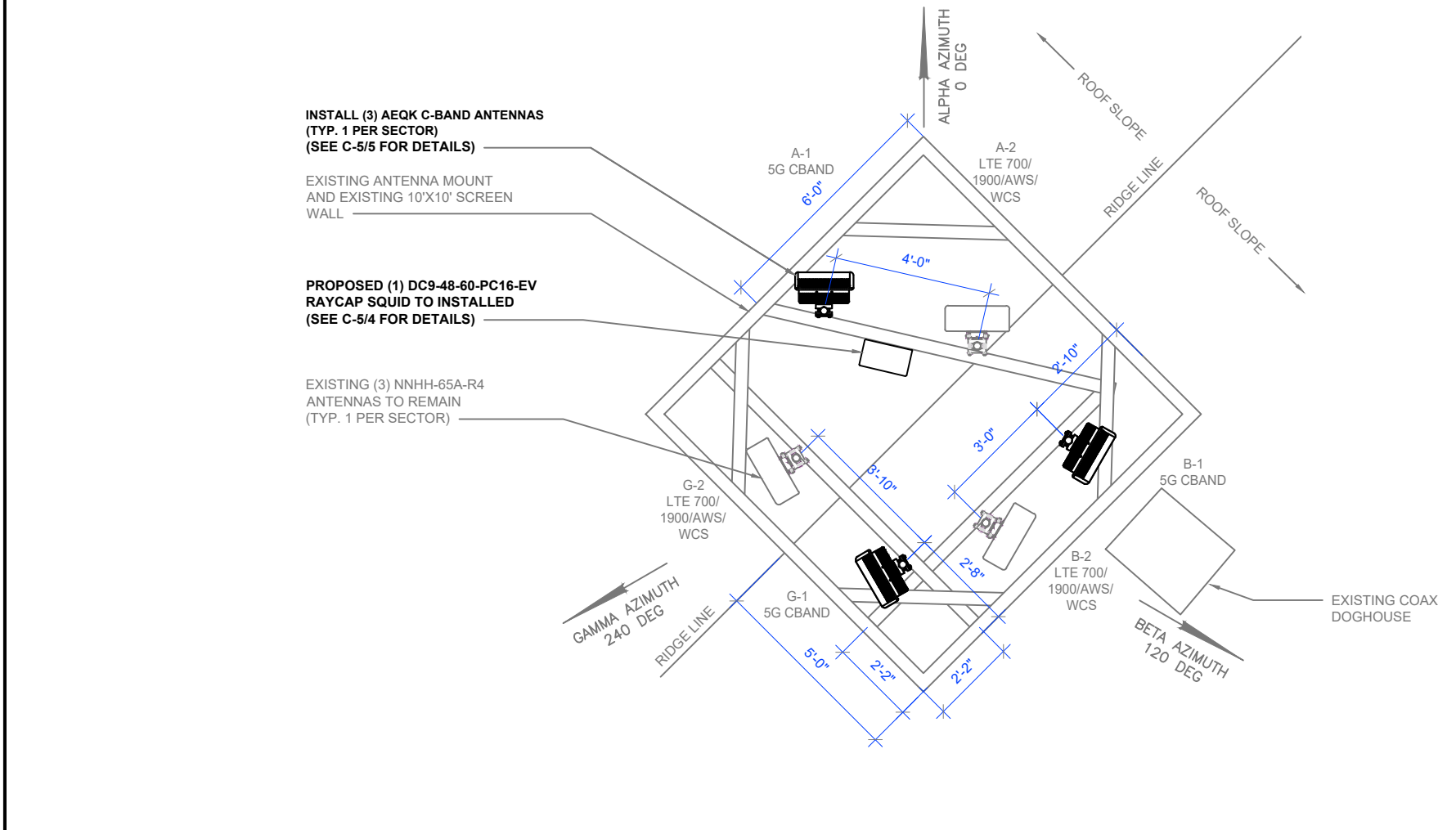


EXISTING ANTENNA PLAN

EXISTING ANTENNA AND TRANSMISSION CABLE REQUIREMENT						
SECTOR RAD CTR		ANTENNA TYPE	TECHNOLOGY	ANTENNA AZIMUTH	TRANSMISSION CABLE	
					QTY	LENGTH TYPE
ALPHA, 69°-0"	A1	HBXX-6516DS-R2M	GSM 1900, UMTS 1900	0°	-	90' FIBER
	A2	NNHH-65A-R4	LTE 700/1900/AWS/WCS	0°	-	90' FIBER
	A3	-	-	-	-	-
	A4	-	-	-	-	-
BETA, 69°-0"	B1	HBXX-6516DS-R2M	GSM 1900, UMTS 1900	120°	-	90' FIBER
	B2	NNHH-65A-R4	LTE 700/1900/AWS/WCS	120°	-	90' FIBER
	B3	-	-	-	-	-
	B4	-	-	-	-	-
GAMMA, 69°-0"	C1	HBXX-6516DS-R2M	GSM 1900, UMTS 1900	240°	-	90' FIBER
	C2	NNHH-65A-R4	LTE 700/1900/AWS/WCS	240°	-	90' FIBER
	C3	-	-	-	-	-
	C4	-	-	-	-	-

PROPOSED ANTENNA AND TRANSMISSION CABLE REQUIREMENT						
SECTOR RAD CTR		ANTENNA TYPE	TECHNOLOGY	ANTENNA AZIMUTH	TRANSMISSION CABLE	
					QTY	LENGTH TYPE
ALPHA, 69°-0"	A1	AEQK	5G CBAND	0°	-	90' FIBER
	A2	NNHH-65A-R4	LTE 700/1900/AWS/WCS	0°	-	90' FIBER
	A3	-	-	-	-	-
	A4	-	-	-	-	-
BETA, 69°-0"	B1	AEQK	5G CBAND	120°	-	90' FIBER
	B2	NNHH-65A-R4	LTE 700/1900/AWS/WCS	120°	-	90' FIBER
	B3	-	-	-	-	-
	B4	-	-	-	-	-
GAMMA, 69°-0"	C1	AEQK	5G CBAND	240°	-	90' FIBER
	C2	NNHH-65A-R4	LTE 700/1900/AWS/WCS	240°	-	90' FIBER
	C3	-	-	-	-	-
	C4	-	-	-	-	-

NOTE TO CONTRACTOR:
1. ANTENNA CLEARANCE AND MOUNTING TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION WITH FINAL ANTENNA SPECIFICATIONS MOUNTING HARDWARE AND RF DESIGN. ANTENNA PIPE MOUNT MODIFICATION MAY BE REQUIRED.
2. CONTRACTOR TO VERIFY FINAL ANTENNA CONFIGURATION FROM FINAL RFDS.
3. CONTRACTOR SHALL VERIFY A MINIMUM OF 4 FEET SEPARATION BETWEEN ALL ANTENNAS.
4. STRUCTURAL ANALYSIS MUST BE PERFORMED ON ALL ROOFTOPS, FLAGPOLES, LIGHT POLES, AND TOWER SITES BEFORE INSTALLATION OF NEW ANTENNAS, RRR UNITS, ETC.



PROPOSED ANTENNA PLAN



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FA #: 10129882

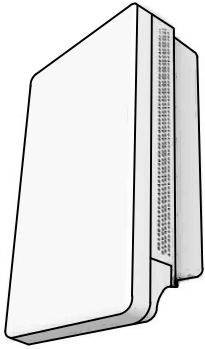
400 EAST SNOW KING AVENUE
JACKSON, WY 83001

SHEET TITLE:

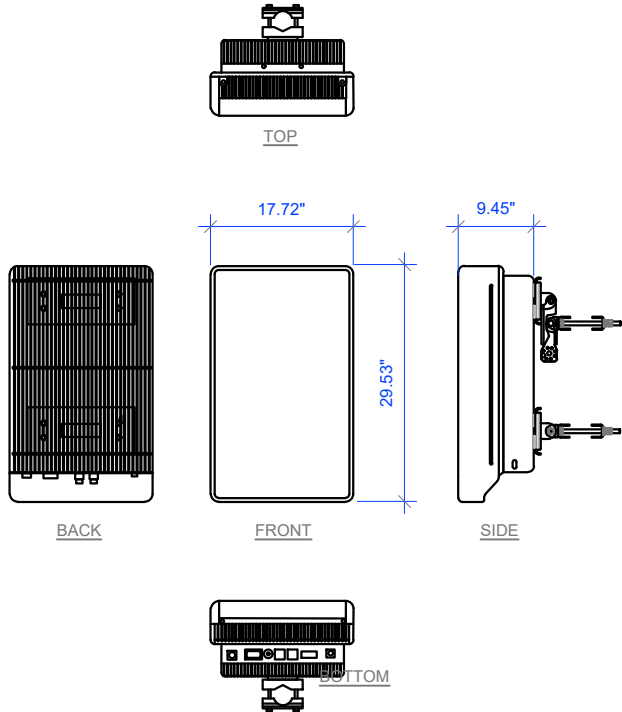
ANTENNA PLANS

SHEET NUMBER:

C-4



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	



ANTENNA INFORMATION

SCALE:
NTS 5



VERTIV RECTIFIER

SCALE:
NTS 6



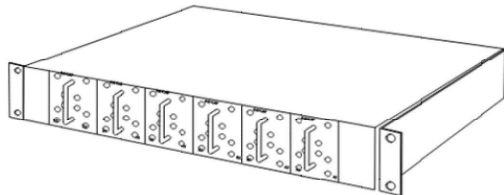
AIRSCALE DUAL RRH	WIDTH	DEPTH	HEIGHT W/O CABLE MANAGEMENT COVER	WEIGHT W/O BRACKET
RRH 4T4R B12/14/29 370W AHLBBA	24"	7.8"	14"	94.79 LBS

NOTE:
DIMENSIONS INCLUDE SOLAR SHIELD BUT NOT MOUNTING BRACKET.

RRH SPECIFICATIONS

SCALE:
NTS 2

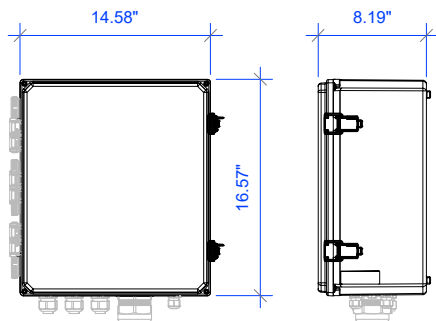
RAYCAP DC12-48-60-RM (V2)	
MANUFACTURER:	RAYCAP
MODEL:	DC12-48-60-RM (V2)
DIMENSIONS:	3.48" X 17.23" X 15.40"
H X W X D (IN)	
WEIGHT (LBS):	27.0 LBS
NOMINAL OPERATION VOLTAGE:	48 VDC
VOLTAGE PROTECTION RATING:	700 VOLTS



DC12-48-60-RM (V2)

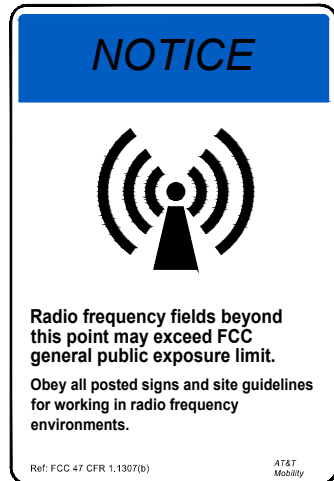
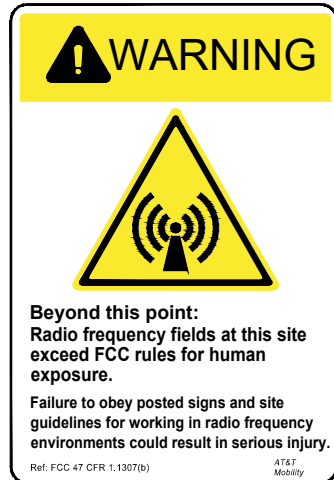
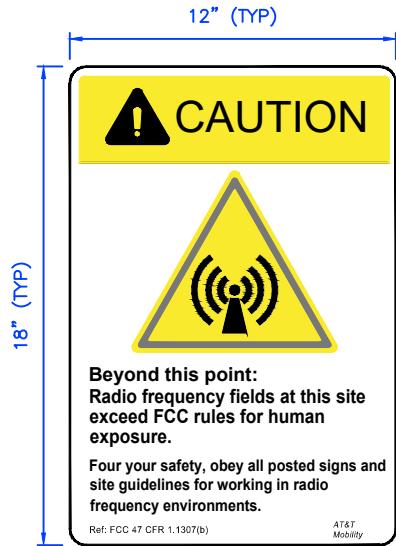
SCALE:
NTS 3

VENDOR: RAYCAP
MODEL: DC9-48-60-24-PC16-EV
DIMENSIONS: 14.58"Lx16.57"Wx8.19"H
WEIGHT: 34.9± LBS



DC9-48-60-24-PC16-EV SPECS

SCALE:
NTS 4



RF WARNING SIGNAGE

SCALE:
NTS 1



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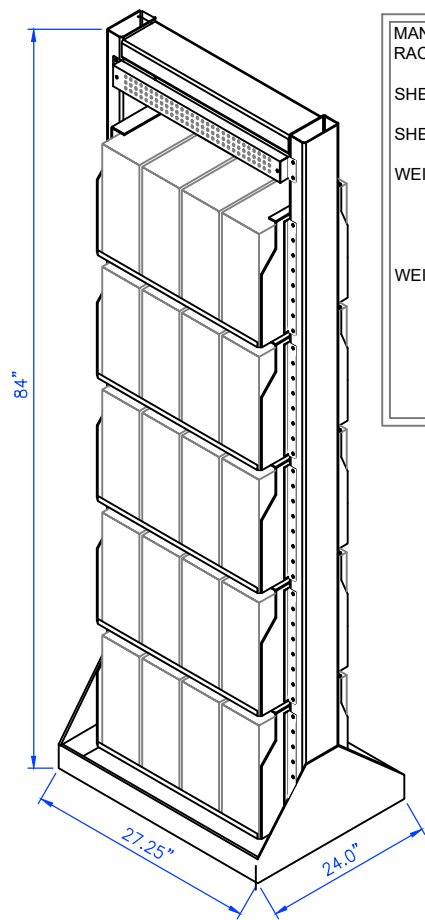
400 EAST SNOW KING AVENUE
JACKSON, WY 83001

SHEET TITLE:

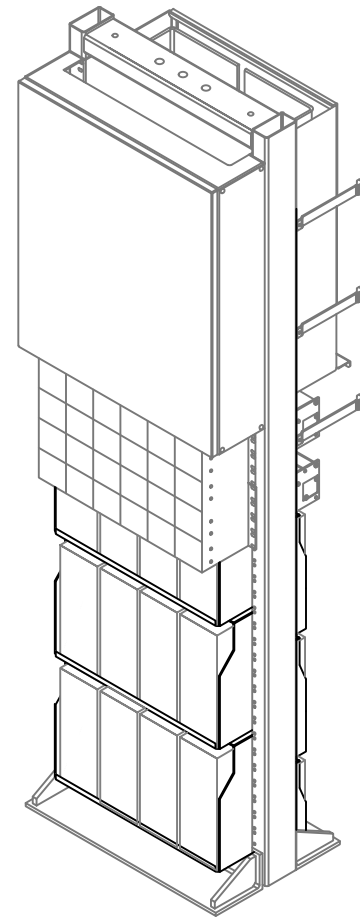
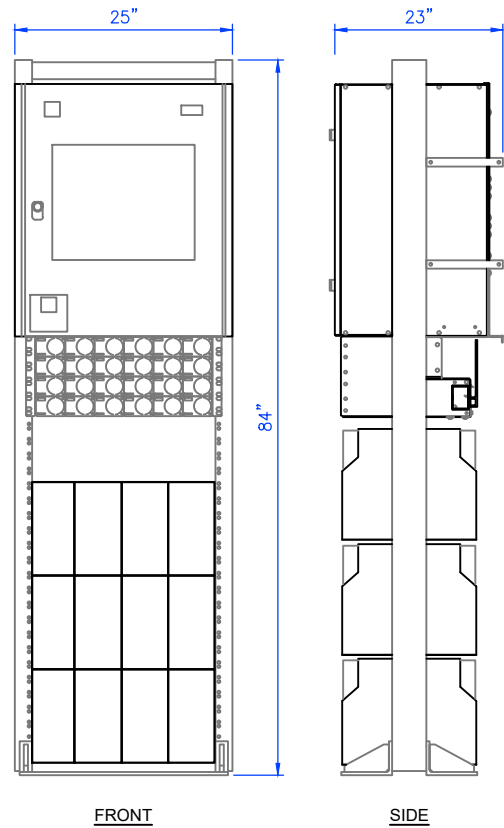
RF WARNING &
EQUIPMENT DETAILS

SHEET NUMBER:

C-5



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



MANUFACTURER: VERTIV
MODEL: NETSURE 7100 POWER
SYSTEM
HEIGHT: 84"
WIDTH: 25.5"
DEPTH: 22"

NOTE:
INSTALL (1) STRINGS OF (4)
190Ah BATTERIES



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400 EAST SNOW KING AVENUE
JACKSON, WY 83001

SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER:

C-6

CKT. No.	DESCRIPTION	CB A/P		CB A/P	DESCRIPTION	CKT. No.
1	HVAC	40		20	1 LIGHT OUTLETS	2
3		2		30	RECTIFIER #6	4
5	RECTIFIER #2	30		2		6
7		2		30	RECTIFIER #1	8
9	RECTIFIER #3	30		2		10
11		2		20	HEAT	12
13	RECTIFIER #4	30		2		14
15		2		30	POWER FAIL RELAY	16
17	RECTIFIER #5	30		2		18
19		2			SPARE	20
21	SPARE				SPARE	22
23	SPARE				SPARE	24
25	SPARE				SPARE	26
27	SPARE				SPARE	28
29	HVAC #2	25		30	SURGE SUPPRESSOR	30
31		2		2		32

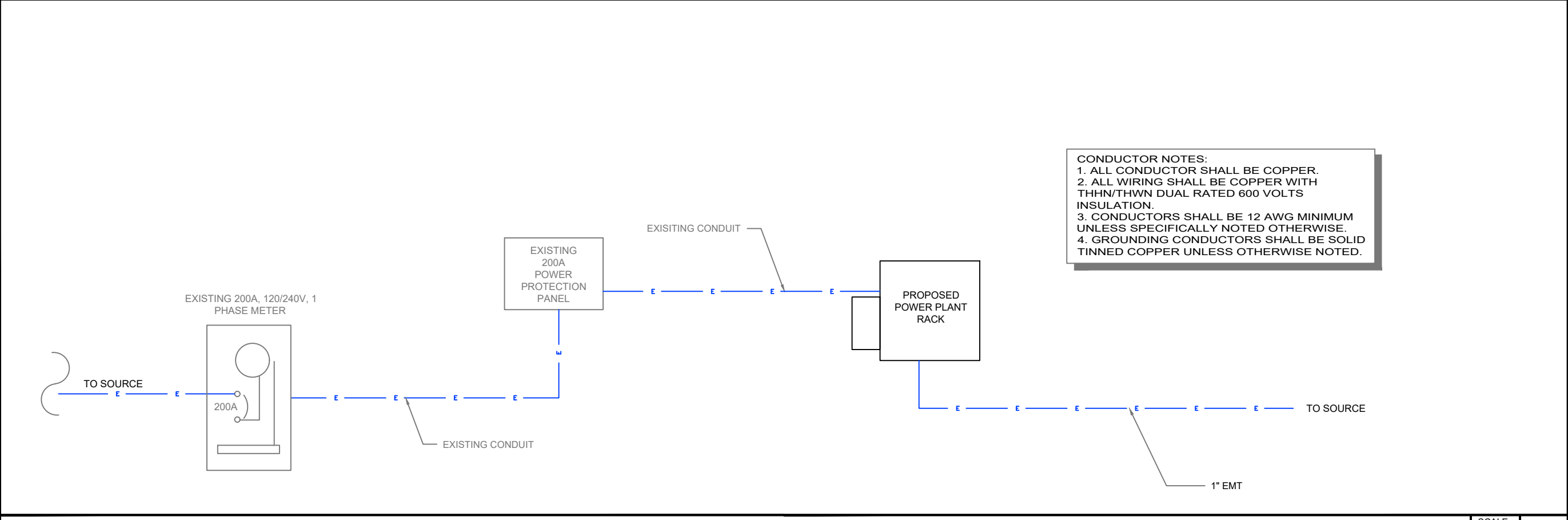
EXISTING PANEL SCHEDULE

SCALE: NTS1

CKT. No.	DESCRIPTION	CB A/P		CB A/P	DESCRIPTION	CKT. No.
1	HVAC	40		20	1 LIGHT OUTLETS	2
3		2		30	RECTIFIER #6	4
5	RECTIFIER #2	30		2		6
7		2		30	RECTIFIER #1	8
9	RECTIFIER #3	30		2		10
11		2		20	HEAT	12
13	RECTIFIER #4	30		2		14
15		2		30	POWER FAIL RELAY	16
17	RECTIFIER #5	30		2		18
19		2		30	RECTIFIER #9	20
21	RECTIFIER #7	30		2		22
23		2			SPARE	24
25	RECTIFIER #8	30			SPARE	26
27		2			SPARE	28
29	HVAC #2	25		30	SURGE SUPPRESSOR	30
31		2		2		32

PROPOSED PANEL SCHEDULE

SCALE: NTS2



DC POWER & FIBER SINGLE LINE DIAGRAM

SCALE: NTS3



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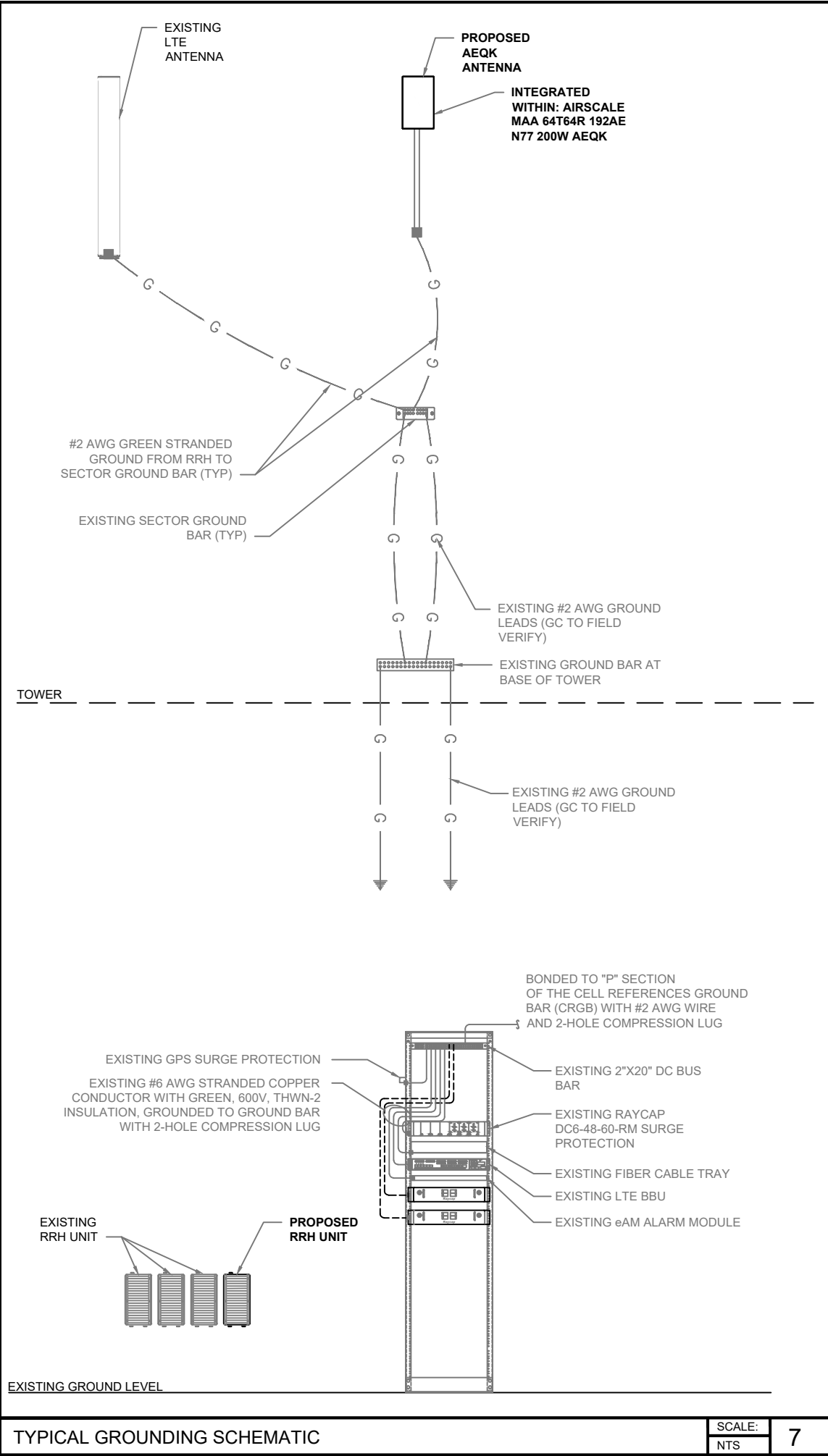
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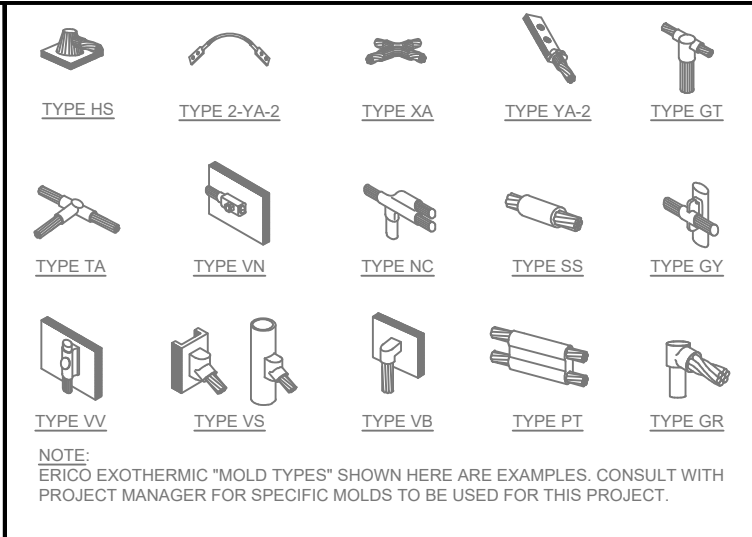
SHEET TITLE:
ELECTRICAL DIAGRAM

SHEET NUMBER:
E-1



TYPICAL GROUNDING SCHEMATIC

SCALE: NTS 7



EXOTHERMIC WELDING

SCALE: NTS 4



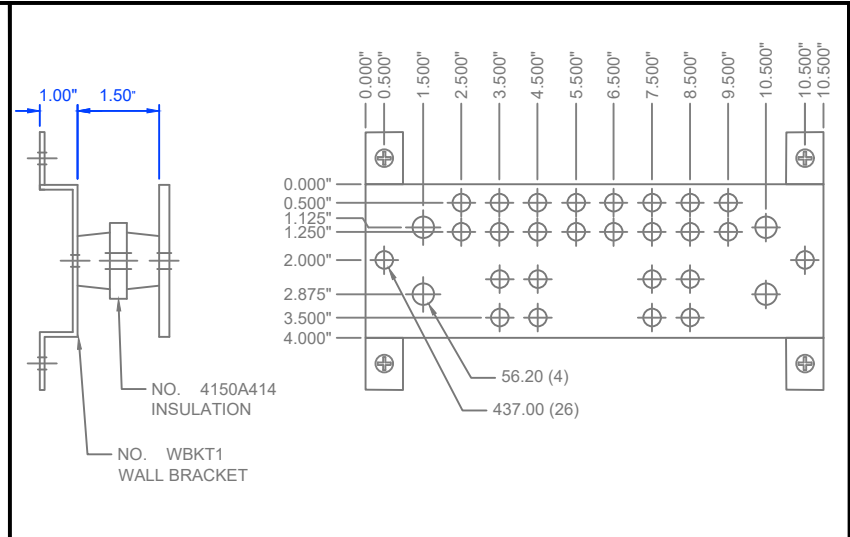
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SCALE: NTS 5



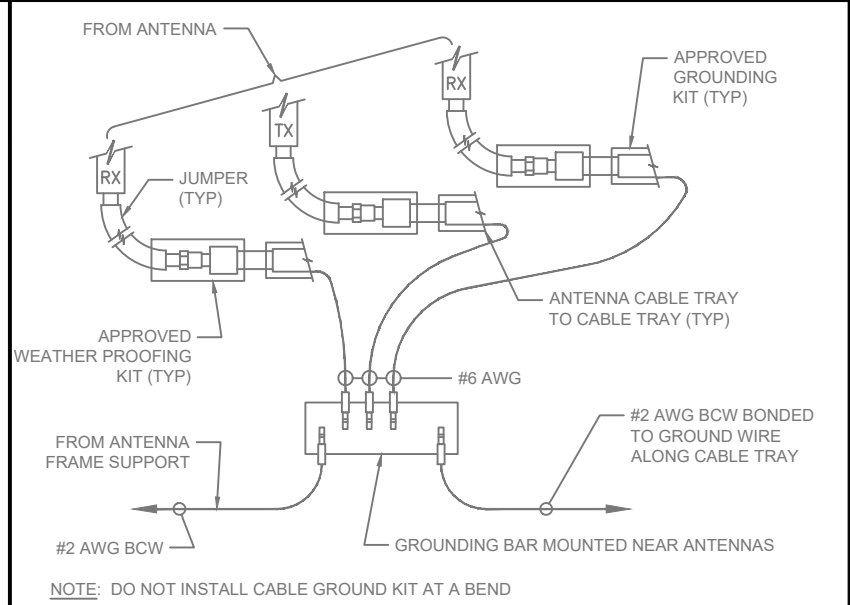
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SCALE: NTS 6



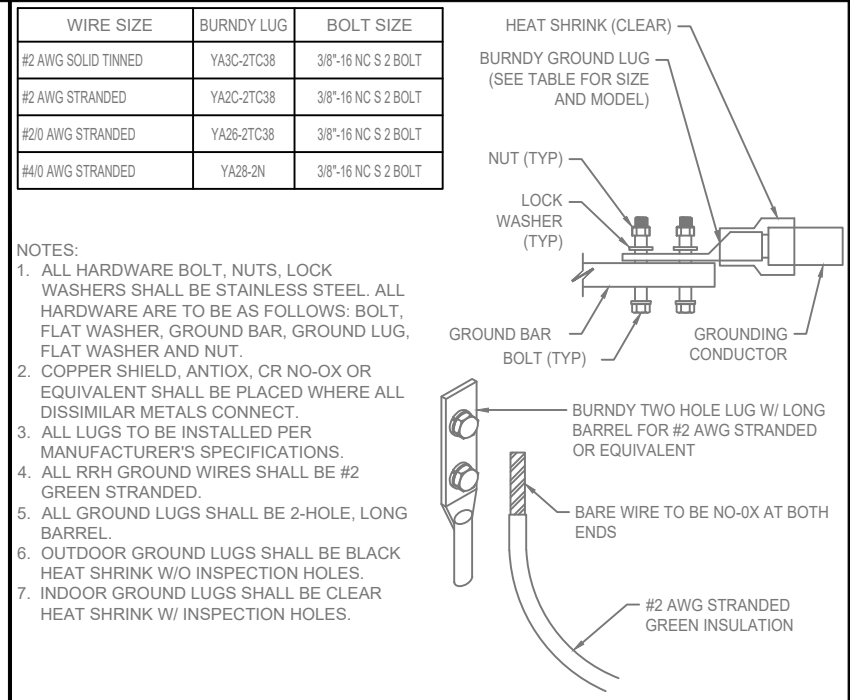
12" & 18" GROUND BARS

SCALE: NTS 1



COAX GROUNDING DETAIL

SCALE: NTS 2



MECHANICAL LUG CONNECTION

SCALE: NTS 3



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SHEET TITLE:
GROUNDING DETAILS

SHEET NUMBER:

G-1