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# **REVOCABLE LICENSE AGREEMENT**

**(“Agreement”)  
BY AND BETWEEN**

**Board of Education of the City of Chicago, as Licensor**

**AND**

**T-Mobile Central LLC, a Delaware limited liability company, as Licensee**

**PROPERTY ADDRESS:**

**Jamieson Elementary School  
5650 N. Mozart Street  
Chicago, Illinois 60659**

# **TABLE OF CONTENTS**

ARTICLE 1	
Defined Terms .....	1
1.1 Licensor .....	1
1.2 Licensor's Address for Notices .....	1
1.3 Name & Address for Payment .....	1
1.4 Licensee .....	1
1.5 Licensee's Address for Notices.....	1
1.6 Building Address.....	1
1.7 Commencement Date .....	1
1.8 Initial Term.....	1
1.9 Renewal Terms.....	1
1.10 Initial License Fee .....	1
1.11 License .....	1
ARTICLE 2	
Term .....	2
2.1 Initial Term.....	2
2.2. Renewal Terms. ....	2
ARTICLE 3	
Payments.....	2
3.1 Payment .....	2
3.2 First License and Administrative Payment.....	2
3.3 Subsequent Annual Payments.....	2
3.4 Location for Payment. ....	2
ARTICLE 4	
Use .....	2
4.1 Permitted Use. ....	2
4.2 No Violations. ....	2
ARTICLE 5	
Condition .....	2
5.1 Condition .....	2
5.2 Installations. ....	3
5.3 Electric Service .....	3
5.4 Ingress and Egress. ....	3
5.5 Term Inspections.....	3
5.6 Drug and Alcohol Testing.....	4
5.7 Background Checks.....	4
ARTICLE 6	
Taxes, Indemnification and Insurance .....	4
6.1 Taxes .....	4
6.2 Indemnification .....	4
6.3 Insurance .....	4
A. Licensee Activities. ....	4
B. Increased Premiums. ....	5
C. Waiver of Right of Recovery .....	5
D. Insurance to be Maintained by Licensee .....	5
(i) "All-Risk" Property Coverage.....	5
(ii) Liability Coverage .....	5
(iii) Workers' Compensation Coverage. ....	5
(iv) Certificate Monitoring .....	5
(v) Other Requirements.....	5
ARTICLE 7	
Representations.....	6

ARTICLE 8  
Assignment ..... 6

ARTICLE 9  
Default ..... 6  
9.1 By Licensee ..... 6  
9.2 By Licensor .....7  
9.3 Prevailing Party .....7

ARTICLE 10  
Termination, Surrender and Holdover .....7  
10.1 Removal of Equipment .....7  
10.2 Termination by Licensor and Licensee .....7  
10.3 Holdover .....7

ARTICLE 11  
Miscellaneous..... 8  
11.1 Notices ..... 8  
11.2 Cooperation..... 8  
11.3 Agreement Construction. .... 8  
11.4 Successors. .... 8  
11.5 Estoppel Certificates ..... 8  
11.6 Non-Waiver. .... 8  
11.7 Late Charges. .... 8  
11.8 Recording. .... 8  
11.9 Environmental ..... 8  
11.10 Broadcast Interference. .... 9  
11.11 Non-Interference by Licensee. .... 9  
11.12 Interference by Others ..... 9  
11.13 Relocation..... 9  
11.14 Entry ..... 9  
11.15 Time... .. 10  
11.16 Inspector General.....10  
11.17 Conflicts .....10  
11.18 Indebtedness Policy .....10  
11.19 Ethics. 10

EXHIBIT "A" .....11  
SPACE PLAN AND LOCATION OF INSTALLATIONS.....11

EXHIBIT "B" ..... 12  
PAYMENTS ..... 12

# **ARTICLE I** **Defined Terms**

**1.1 Licensor**  
Board of Education of the City of Chicago

**1.2 Licensor's Address for Notices**

Board of Education of the City of Chicago  
Real Estate Department  
42 West Madison Street, 3rd Floor  
Chicago, Illinois 60602  
Attention: Director of Real Estate  
Telephone: (773) 553-2950  
Fax: (773) 553-2951

**with a copy to:**

Board of Education of the City of Chicago  
One North Dearborn, 9<sup>th</sup> Floor  
Chicago, Illinois 60602  
Attention: General Counsel  
Telephone: (773) 553-1700  
Fax: (773) 553-1701

**1.3 Name & Address for Payment**

Board of Education of the City of Chicago  
One North Dearborn, 2nd Floor  
Chicago, Illinois 60602  
Attention: Finance

**1.4 Licensee**

T-Mobile Central LLC  
12920 SE 38<sup>th</sup> Street  
Bellevue, Washington 98006  
Attention: Lease Compliance  
T-Mobile Site ID: – CH61428B - 121061

**1.5 Licensee's Address for Notices**

T-Mobile USA, Inc.  
12920 SE 38<sup>th</sup> Street  
Bellevue, Washington 98006  
Attention: Lease Compliance  
T-Mobile Site ID: CH61428B - 121061

**1.6 Building Address**

Jamieson Elementary School  
5650 N. Mozart Street  
Chicago, Illinois 60659  
(the "Land")

**1.7 Commencement Date**

June 1, 2026

**1.8 Initial Term**

Five (5) years

**1.9 Renewal Terms**

Three (3) Five (5) year Renewal Terms as described in Section 2.

**1.10 Initial License Fee**

\$ 60,000

**1.11 License**

The non-exclusive right to install ("License") , for the transmission and reception of communications signals, no more than nine (9) antennas and one E911 antenna ("Antennas") in three (3) sectors on the chimney of the Building ("Roof"), and on the roof level, an equipment platform with dimensions approximately seventeen feet four inches (17'-4") by twelve feet two inches (12'-2") ("Platform"), on which Licensee may install its equipment cabinets ("Equipment Cabinets"), together with support beams for the Platform, as structurally necessary, and cable runs ("Cable Runs") running among the Platform, the Antennas, and the utilities, which Cable Runs shall be affixed to the nearest contiguous structure, all as depicted in the construction drawings, which construction drawings ("Drawings") have been signed and certified by a professional licensed to practice architecture or engineering in the State of Illinois ("Professional"), a site plan of which Drawings are attached as Exhibit "A", and no other rights or purposes whatsoever. The Antennas, Equipment Cabinets, Platform and Cable Runs shall be collectively referred to as "Licensee's Equipment."

## ARTICLE 2 Term

**2.1 Initial Term.** Licensor hereby continues to license to Licensee and Licensee hereby continues to license from Licensor, upon and subject to the terms, covenants, and conditions of this Agreement during the Initial Term the non-exclusive right to maintain the Antennas installed on the Smokestack, the Equipment Platform, the Cable Runs and the Equipment Cabinets (collectively, "Licensee's Equipment") in accordance with the provisions of this Agreement.

**2.2. Renewal Terms.** THE INITIAL TERM OF THIS AGREEMENT SHALL BE AUTOMATICALLY RENEWABLE FOR THREE (3) ADDITIONAL TERMS OF FIVE (5) YEARS EACH (THE "RENEWAL TERMS") AT THE LICENSE FEE STATED IN EXHIBIT "B" AND OTHERWISE UPON THE SAME TERMS AND CONDITIONS STATED IN THIS AGREEMENT. IF LICENSEE DOES NOT DESIRE TO RENEW ANY TERM OF THIS AGREEMENT, LICENSEE SHALL DELIVER WRITTEN NOTICE TO LICENSOR AT LEAST ONE HUNDRED AND TWENTY (120) DAYS PRIOR TO THE EXPIRATION OF THE THEN CURRENT TERM, WHEREUPON THE AGREEMENT SHALL EXPIRE UPON THE EXPIRATION OF THE THEN CURRENT TERM.

## ARTICLE 3 Payments

**3.1 Payment.** Licensee shall pay the License Fee to Licensor promptly when due, without notice or demand therefore, and without any abatement, deduction, or setoff for any reason whatsoever except as specifically provided herein.

**3.2 First License and Administrative Payment.** On or before the Commencement Date, Licensee shall pay Licensor the License payment for the first twelve (12) full calendar months of the Term and an administrative payment in the amount of Seven Thousand Five Hundred Dollars (\$7,500.00), which payments shall be sent to the Licensor (See Section 1.3). The parties acknowledge that this Agreement reflects the continuation of the placement of Licensee's Equipment on the Building and any payments made in excess of the amounts due under the Prior Agreement, as defined in Section 5.2 below, shall be applied as a credit to the amounts due as reflected in Exhibit B to this Agreement

**3.3 Subsequent Annual License Payments.** Licensee shall pay the License payment in advance in annual installments on the anniversary of the Commencement Date of each year during the Term and, if applicable, during the Renewal Terms, at the amounts set forth on Exhibit "B".

**3.4 Location for Payment.** The License payment shall be paid to the entity at the Address for Payment (as set forth in Section 1.3), by electronic funds transfer and shall be identified by school name. Licensor may from time to time designate in writing to Licensee another entity or means of payment and shall do so at least forty-five (45) days in advance of a payment date.

## ARTICLE 4 Use

**4.1 Permitted Use.** Licensee shall use the License for lawful telecommunications purposes in accordance with all applicable federal, state, and local rules and regulations including, but not limited to, FCC regulation ANSI/IEEE Guideline C95.1-1991 (or any successor provision thereto) and for no other purpose whatsoever.

**4.2 No Violations.** Licensee shall not, at any time, use or occupy, or suffer or permit anyone to use or occupy, the Building, or do or permit anything to be done in the Building, in any manner that may (a) cause, or be liable to cause, injury to the Land, the Building or any equipment, facilities or systems therein; (b) constitute a violation of the laws, codes and requirements of any public authority, including, but not limited to, the health and safety guidelines with respect to radio frequency emissions, or the requirements of any applicable insurance bodies (collectively, "Laws"); or c) materially interfere with the use and enjoyment of the Building by other occupants or users of the Building, as determined by Licensor in Licensor's reasonable judgment. In addition, Licensee shall comply with the requirements of all applicable state, county, and municipal codes, including, but not limited to, Section 13-96-840 of the City of Chicago Municipal Code with respect to the obligation to cause a professional examination of the exposed metal structural erected by Licensee and corresponding reporting and payment requirements to the Chicago Building Commissioner.

## ARTICLE 5 Condition

**5.1 Condition.** Licensee hereby acknowledges that Licensee is familiar with the condition of the Building, the Smokestack, the Roof and the parapet walls, and that Licensor is making no repairs, replacements, or improvements of any

kind to same in connection with, or in consideration of, this Agreement, and that Licensee is accepting same in an "as-is" condition. Licensor has no obligation to repair, maintain or replace the any of the foregoing or any part thereof and Licensor makes no representation that any of the foregoing are adequate or appropriate for Licensee's intended use of same.

**5.2 Installations.** Pursuant to that certain Revocable License Agreement, dated June 7, 2010 ("Prior Agreement"), executed by and between Licensor and Licensee, as amended, Licensee installed Licensee's Equipment in the locations described in Exhibit "A". Licensee hereby represents that Licensee's Equipment was installed in compliance with the Prior Agreement and the Laws (the "Initial Installation"). Licensee may from time to time replace Licensee's Equipment with new items with the same specifications as the original Licensee's Equipment (the "Replacement Installation"), provided that Drawings identifying the new equipment and locations are submitted to Licensor for review and approval at least forty-five (45) days prior to installation, and such Replacement Installation is otherwise in compliance with this Agreement and applicable Laws. In the event the Replacement Installation involves modifying or replacing radio frequency emission producing equipment, Licensee shall submit an updated radio frequency emissions study to Licensor to evidence the anticipated total radio frequency emission output. Any installation not completed within one hundred and eighty (180) days after the Commencement Date shall be deemed a Replacement Installation. Licensor shall not unreasonably withhold, delay, or condition such approval. Within thirty (30) days after request therefor, Licensee shall pay to Licensor a fee that is the greater of: (a) all actual costs, fees (including those of outside consultants, architects, engineers and lawyers) and expenses, including, but not limited to, labor and materials, incurred by Licensor in connection with Licensor's withholding or granting of its approval of the list of Licensee's Equipment and any Replacement Installation; and (b) Five Thousand Dollars (\$5,000.00). Licensee's failure to timely pay such amounts shall constitute a default pursuant to the terms of this Agreement. Licensor's approval of Licensee's Equipment and inspections of Licensee's Installations (whether Initial or any Replacement Installation) shall not release Licensee from any of Licensee's liabilities and responsibilities with respect to same. Within thirty (30) days after the completion of any Installation, Licensee shall deliver "As-Built Drawings" of the areas in which Licensee's Equipment has been installed, certified, and sealed by a Professional, to Licensor. In the event the "As-Built Drawings" differ in any respect from the Drawings previously submitted to and approved by Licensor, Licensee shall remedy such differences to the satisfaction of Licensor. Licensee's failure to timely submit the "As-Built Drawings" or to remedy any differences shall constitute a default pursuant to the terms of this Agreement. Routine maintenance and repairs shall not be deemed a "Replacement Installation." Provided that Licensee is not in default, Licensee's Equipment shall remain the exclusive property of Licensee and shall not be considered fixtures. Licensee, at its expense, shall use any and all reasonable means, subject to Licensor's review and direction, to control, secure or restrict access to Licensee's Equipment.

**5.3 Electric Service.** Licensee has caused its electric service to be connected directly to the electric utility. Licensee shall pay all utility charges on a timely basis.

**5.4 Ingress and Egress.** Neither Licensee, nor any of Licensee's agents, representatives, or employees ("Licensee's Workers") may enter upon the Land for any purpose without the prior written consent of: (a) the school principal or the principal's designee; and (b) a representative of the Licensor's Real Estate Department (hereinafter, the "Representatives"). Upon receipt of prior written approval of such Representatives, Licensee's Workers may enter the Land only between the hours of 6:00 a.m. and 2:00 p.m. ("Working Hours"). In the event that Licensee requires access to the Land for emergency purposes during hours other than Working Hours, Licensee shall either arrange to do so ahead of time, and obtain appropriate written consents of the Representatives or contact the Chicago Public Schools Safety and Security (773-553-3335) to obtain the name and after Working Hours telephone number of the custodian of the school, which custodian will serve as an escort for access to the Land. In either event, any access to the Land during other than Working Hours requires the presence of a custodian of the school, the charge for which services is currently One Hundred Dollars (\$100.00) per hour, and which, at all times throughout the Term and the Renewal Terms, if any, shall be paid by Licensee. Licensor may, from time to time, in Licensor's sole discretion, increase the charge for escort services and Licensee shall pay such increased amount within thirty (30) days after receipt of an invoice therefor.

**5.5 Term Inspections.** Within ninety (90) days after the anniversary date of each Renewal Term, Licensee shall commission and pay for a field inspection by a Professional. After the completion of the field inspection, the Professional shall deliver to the Licensor a report, signed and sealed by the Professional, certifying to Licensor the condition of the Installation and the elements of the Building that structurally support the Installation (collectively, "Structural Elements"). In the event the Installation or the Structural Elements are not certified to be in good condition, Licensee shall remedy such defect or condition attributable to Licensee's equipment, inactions, or actions at the Property (collectively "Defect") within sixty (60) days after the delivery of the Report, unless such Defect is reasonably determined by Licensor to constitute an emergency situation, in which event such Defect shall be remedied immediately. Notwithstanding the preceding, if the Professional issues a written opinion ("Cause Opinion") that any Defect of the Structural Elements was caused by Licensor, ordinary wear and tear, wind, storms, fire or other casualty, and Licensee and/or its Installation did not contribute in any significant measure to the Defect (collectively, "Licensor or Natural Defect"), Licensor shall, within sixty (60) days after

receipt of the Cause Opinion deliver written notice to Licensee ("Election Notice"), which Election Notice shall contain an election to perform one (1) of the following options: (1) Licenser shall engage a Professional to issue an opinion as to the cause of the Defect; (2) Licenser shall repair the Defect; or (3) Licenser shall elect not to repair the Defect. In the event Licenser elects option (3), Licensee may elect to terminate this Agreement in accordance with the provisions of Section 10.1, by delivering written notice to Licenser within sixty (60) days after receipt of the Election Notice. In the event the Professionals engaged by Licenser and Licensee cannot reach agreement as to the cause of the Defect, the Professionals shall together choose a third Professional whose fee shall be shared equally by Licenser and Licensee, and whose determination ("Final Opinion") shall be binding on both Licenser and Licensee. In the event the Final Opinion or a Cause Opinion indicates that the Defect is not a Licenser Defect, Licensee shall remedy such Defect within sixty (60) days after delivery of same to Licensee. In the event the Final Opinion, or an undisputed Cause Opinion indicate the Defect is a Licenser Defect, and Licenser does not deliver written notice within sixty (60) days after delivery of same affirming its agreement to remedy such Defect, Licensee shall have the option to terminate this Agreement in accordance with the provisions of Section 10.1, by delivering written notice to Licenser within sixty (60) days thereafter.

**5.6 Drug and Alcohol Testing.** Licensee shall comply with the requirements of the Illinois Drug-Free Workplace Act, 30 ILCS 580/3. Licensee shall maintain a written policy regarding drug and/or alcohol testing of employees and shall implement such policy at any time that Licensee, or any of Licensee's Workers, form a reasonable suspicion that such testing may have a positive result. The said policy shall also require the testing of all of Licensee's Workers directly or indirectly involved in any incident or accident in which a physical injury has occurred, as soon as practicable after the incident or accident. Licensee shall require a similar written policy in each subcontract. If the results of any such test are positive, Licensee shall, as soon as possible, contact Licenser's Risk Management personnel at 773-553-2828 concerning the results. The Licenser reserves the right to require the removal from the site, either temporarily or permanently, of any person receiving positive results from any of the aforesaid tests.

**5.7 Background Checks.** Under the provisions of the Illinois School Code, 105 ILCS 5/10-21.9, Licensee shall conduct a fingerprint-based criminal background investigation and a Statewide Sex Offender Database check of all of Licensee's workers who may have direct, daily contact with the pupils in any school. Licensee shall not assign to the work at any school any employee convicted of the offenses listed in the Illinois School Code or those for whom a fingerprint-based criminal background investigation or Statewide Sex Offender Database check has not been initiated. Upon receipt of the record of conviction, Licensee shall immediately remove any person so assigned from the work at the school. In addition, Licensee shall require all persons who may have direct weekly contact with pupils in any school to show evidence that they are free from communicable disease, including tuberculosis. Acceptable evidence is described in the Illinois School Code, 105 ILCS 5/24-5. From time to time, the Licenser may require Licensee to demonstrate its compliance with the provisions of this Section.

## ARTICLE 6

### Taxes, Indemnification, and Insurance

**6.1 Taxes.** Licensee shall be solely responsible for and shall timely pay all license, leasehold and personal property taxes levied and assessed against it or its personal property. If for any reason taxes are assessed against the Building or the Land due to Licensee's occupancy at the Building, Licensee shall reimburse Licenser for the full amount of such taxes within thirty (30) days after written request therefore.

**6.2 Indemnification.** Licensee hereby agrees to indemnify, defend, protect and hold Licenser harmless from and against any claim of liability or loss from personal injury or property damage in connection with the License, any violation of any provision of this Agreement, or resulting from or arising out of the use and occupancy of the Land by the Licensee, its agents, employees and invitees, excepting, however, such claims or damages as may be due to or caused by the acts or omissions of the Licenser, its agents, employees or invitees.

#### **6.3 Insurance.**

**A. Licensee Activities.** Licensee shall not violate, or permit the violation of, any condition imposed by any insurance policy issued in respect of the Building and shall not do, or permit anything to be done, or keep or permit anything to be kept on the Land, which would: (a) subject Licenser to any liability or responsibility for personal injury or death or property damage; (b) which would increase any insurance rate in respect of the Building or the property therein over the rate which would otherwise then be in effect; (c) which would result in insurance companies of good standing refusing to insure or self-insure the Building or the property therein, in amounts reasonably satisfactory to Licenser; and (d) which would result in the cancellation of or the assertion of any defense by the insurer, in whole or in part, to claims under any policy of insurance or self-insurance with respect to the Building or the property therein.



**B. Increased Premiums.** If, by reason of any failure of Licensee to comply with any provisions of this Agreement, the premiums on Licensor's insurance or self-insurance on the Land, Building and/or property therein shall be higher than they otherwise would be, Licensee shall reimburse Licensor, for that part of such premiums attributable to Licensee.

**C. Waiver of Right of Recovery.** Neither Licensor nor Licensee shall be liable to the other or to any insurance company (by way of subrogation or otherwise) insuring the other party for any loss or damage to the Building, and structure or other tangible property located on or in the Building, or any resulting loss of income, or losses under workers' compensation laws and benefits despite the fact that such loss or damage might have been occasioned by the negligence of such party, its agents or employees, provided that any such loss or damage is covered by insurance or self-insurance benefitting the party suffering such loss or damage or was required to be covered by insurance or self-insurance pursuant to this Agreement. Licensor and Licensee shall secure an appropriate clause in, or an endorsement upon, each insurance policy obtained by it and covering or applicable to the Premises and the personal property and fixtures located in or on the Building pursuant to which the insurance company consents to such waiver of right of recovery. The waiver of right of recovery set forth above in this Section 6.3 C shall extend to Licensor, Licensee, and their respective agents and employees, and other parties designated by Licensor (collectively, "Licensor's Parties").

**D. Insurance to be Maintained by Licensee.** Licensee shall, at its sole cost and expense, at all times during the Term (and any extensions thereof) carry, pay for and maintain in effect the following insurance policy or policies:

**(i) "All-Risk" Property Coverage.** "All Risk" property insurance on a replacement cost basis, covering all of the Licensee's Property (as defined in Section 10.1) and all improvements installed in or on the Building by, or on behalf of, Licensee in an amount not less than ninety percent (90%) of the full replacement cost of all such property

**(ii) Liability Coverage.** Commercial general liability and commercial-automobile liability and, if necessary to comply with any conditions of this Agreement, umbrella liability insurance covering Licensee against any claims arising out of liability for bodily injury and death and personal injury and advertising injury and property damage occurring in and about the Building and otherwise resulting from any acts and operations of Licensee, its agents and employees, with limits of not less than total limits of \$5,000,000 per occurrence and \$5,000,000 annual general aggregate, per location. Coverage shall include the following: (a) all premises and operations; (b) products/completed operations (for a period of two (2) years following completion); (c) separation of insureds; and (d) defense and contractual liability. Such insurance shall include, inter alia: (i) "occurrence" rather than "claims made" policy forms unless such "occurrence" policy forms are not available; (ii) any and all liability assumed by the Licensee under the terms of this Agreement or otherwise, to the extent such insurance is available; (iii) medical-operations expenses in an amount not less than \$5,000.00 per person, per accident; (iv) the Licensor and any other parties designated by Licensor shall be included as additional insureds; and (v) severability of insured parties and cross-liability so that the protection of such insurance shall be afforded to the Licensor in the same manner as if separate policies had been issued to each of the insured parties. Licensor and any other parties designated by Licensor in writing shall be included as additional insureds. Licensee shall ensure that all of Licensee's subcontractors independently carry insurance appropriate to cover the subcontractors' exposures and that meet or exceed the required insurance coverage set forth in this Agreement. Licensee is responsible for monitoring its subcontractors' proof of insurance to ensure compliance with the foregoing obligations. Copies of certificates of insurance shall be maintained by Licensee and shall be supplied to Licensor upon request.

**(iii) Workers' Compensation Coverage.** Workers' compensation with limits as required by law and employer's liability insurance with limits of \$1,000,000.00 per accident, per disease policy limit, per disease per employee.

**(iv) Certificate Monitoring.** Licensee must register with the insurance certificate monitoring company designated by the Licensor stated below, and must maintain a current insurance certificate on file during the entire term of this Agreement. Licensee must register and pay the initial annual monitoring fee to the insurance certificate monitoring company prior to performance under this Agreement. The initial annual fee is currently twelve dollars (\$12.00) per year and is subject to change. Each year, Licensee will be notified 30 to 45 days prior to the expiration date of its required insurance coverage (highlighted on its latest submitted insurance certificate on file) that it must submit an updated insurance certificate with the insurance certificate monitoring company.



Insurance certificate submissions and related annual fees required to be made online at the dedicated website established by the insurance certificate monitoring company identified below. Any questions on submissions and payment options should be directed to the insurance certificate monitoring company: Topiary Communications, Inc., 211 W. Wacker Drive, Suite 220, Chicago, Illinois 60601; Telephone 312-494-5709; email: [dans@topiarycomm.net](mailto:dans@topiarycomm.net); website for online registration, insurance and certificate submissions and annual fee payments: URL: <http://www.cpsvendorcert.com>.

(v) **Other Requirements.** All insurance policies required under this Article shall: (i) be issued by companies eligible to do business in the State of Illinois and acceptable to Licensor and with an A-VII or better rating per A.M. Best; (ii) not be subject to cancellation without at least thirty (30) days' prior written notice to Licensor and any other parties designated by Licensor (A) to be included as additional insured(s) under the insurance policies required from Licensee (except Workers' compensation, employers liability or property insurance policies), or (B) to receive such notices; (3) at the sole option and discretion of the Licensor, include other appropriate endorsements or extensions of coverage as would be required of the Licensor by any other party having an interest in the Building. Upon receipt of notice from its insurers, Licensee shall provide the Licensor with written notice of any policy non-renewal or material change in coverage within ten (10) business days of Licensee's receipt of such notice. Licensee shall not commence any work at the Property until Licensor has been provided with insurance certificates evidencing that the contractors and subcontractors performing such work have in effect adequate insurance as required by Licensor's construction program at the time of the work. Required coverage may include, but is not limited to: worker's compensation, general liability, professional liability, automobile liability, environmental liability, excess liability, property, and builders' risk insurance. If Licensee fails to register and maintain policies or certificates as required, or otherwise fails to obtain and maintain insurance coverages in accordance with this Article then Licensor, at Licensor's sole option, may, but shall not be obligated to, procure such insurance on behalf of, and at the expense of, the Licensee, and if Licensor exercises such right and expends any funds to obtain such insurance, Licensee shall reimburse Licensor for such amounts upon demand. Such a failure shall constitute default hereunder, and such default shall not be cured by Licensor's election to procure insurance on Licensee's behalf.

## **ARTICLE 7 Representations**

Licensor and Licensee represent to the other that each has full authority to execute and deliver and to perform their respective obligations pursuant to the terms of this Agreement.

## **ARTICLE 8 Assignment**

Licensee shall not sublease, assign, transfer or convey any of Licensee's interests in this Agreement (collectively, "Transfer") without the prior written consent of Licensor, which consent shall not be unreasonably withheld or delayed. In the event Licensor consents to any such Transfer, such consent shall release Licensee from Licensee's obligations under this Agreement except with respect to those obligations that survive the expiration or termination of this Agreement. Notwithstanding the foregoing, upon delivery of sixty (60) days' advance written notice, together with all documentation that may then be required by Licensor in connection with the proposed Transfer, completed in a satisfactory manner to Licensor, Licensee may Transfer its interests in this Agreement to its parent company, any subsidiary or affiliate of its parent company, or to a successor-in-interest acquiring fifty one percent (51%) or more of its stock or assets ("Related Party"), provided such entity is authorized pursuant to an FCC license to operate Licensee's Equipment. In the event of any Transfer either to a Related Party or a third party, and such Related Party or any third party shall execute documentation evidencing agreement to be bound by the terms of this Agreement. Licensee shall pay all of Licensor's actual fees, costs, and expenses (including, but not limited to, fees of counsel) incurred by Licensor in connection with Licensor's review of Licensee's request for, or notice of, a Transfer.

## **ARTICLE 9 Default**

**9.1 By Licensee.** The occurrence of any one or more of the following events shall constitute a default of this Agreement by Licensee: (a) if Licensee fails to pay any payment or any other charges required to be paid by Licensee within thirty (30) days after the date due under this License Agreement; or (b) if Licensee fails to promptly and fully perform any other covenant, condition or agreement contained in this Agreement and such failure continues for thirty (30) days after

written notice thereof from Licensor to Licensee; provided, however, that if the nature of any such default is such that the same cannot be cured within thirty (30) days, Licensee shall have such additional period of time as may be necessary to cure such default provided that it commences to cure said default within the thirty (30) day period and proceeds diligently thereafter to complete such cure, and provided further that such default is cured within sixty (60) days from the date of Licensor's notice to Licensee; or (c) if a writ of attachment or execution is levied on this Agreement, on any other agreement between Licensor and Licensee, or on any of Licensee's property that is not vacated or dismissed within forty-five (45) days from the issuance thereof; or (d) if Licensee makes a general assignment for the benefit of creditors, or provides for an arrangement, composition, extension or adjustment with its creditors; or (e) If Licensee files a voluntary petition for relief or if a petition against Licensee in a proceeding under the federal bankruptcy laws or other insolvency laws is filed and not withdrawn or dismissed within forty-five (45) days thereafter, or if under the provisions of any law providing for reorganization or winding up of corporations, any court of competent jurisdiction assumes jurisdiction, custody or control of Licensee or any substantial part of its property and such jurisdiction, custody or control remains in force unrelinquished, unstayed or unterminated for a period of forty-five (45) days; or (f) if, in any proceeding or action in which Licensee is a party, a trustee, or receiver, agent or custodian is appointed to take charge of Licensee's property (or has the authority to do so) for the purpose of enforcing a lien against Licensee's property. In the event of default under this Agreement by Licensee, Licensor shall be entitled to pursue any and all remedies against Licensee as shall then be provided by law. If Licensee fails to cure a default, in addition to any and all other remedies available to Licensor, Licensor may elect to cure such default, at Licensee's sole cost and expense, without notice in the event of an emergency and in any other case only if such default continues after the expiration of the thirty (30) days from the date Licensor gives Licensee notice of the default. In the event of default by Licensee, Licensor, in addition to all other rights and remedies at law or in equity, may terminate this Agreement upon delivery of written notice to Licensee and Licensee shall be required to remove Licensee's Property from the Building and Land within ninety (90) days thereafter. Within thirty (30) days after such termination, Licensee shall pay any and all costs and fees owed to Licensor pursuant to the terms of this Agreement and shall leave the Building and the Land in the condition required pursuant to Section 10.1 below.

**9.2 By Licensor.** In the event of a default by Licensor, Licensee shall not exercise any rights with respect to such default (a) until Licensee has given, by registered or certified mail, written notice of such default to Licensor and to any other party whose name and address shall previously have been furnished to Licensee, and (b) until a thirty (30)-day period for remedying such default shall have elapsed following the giving of such notice; provided, however, that said thirty (30)-day cure period may be extended in the event that the default cannot, by its nature, be cured within thirty (30) days and Licensor is diligently proceeding to cure said default.

**9.3 Prevailing Party.** Each party agrees to pay, on demand, all actual costs, and expenses, including reasonable attorneys' fees, which may be incurred by or imposed on the other, either by being the prevailing party in enforcing this Agreement or in any litigation which a party, without fault on its part, may be a party.

## **ARTICLE 10**

### **Termination, Surrender and Holdover**

**10.1 Removal of Equipment.** Upon the expiration of this Agreement, or within ninety (90) days after its earlier termination or cancellation for any reason (the "Removal Period"), Licensee shall, at its sole expense, remove from the Building all of Licensee's Equipment and any transmission lines, cables, other personal property or improvements [collectively, the "Licensee's Property"], and Licensee shall repair any damage to the Building or the Land resulting from any installation and/or removal of Licensee's Property in accordance with Licensor's standards for removal and restoration of the Building and Land, as determined by Licensor's architects and structural engineers. Prior to the expiration of the Removal Period, Licensee's Property shall not be deemed to be a fixture of the Building. Any other items of Licensee's Property that shall remain on the Land after the expiration of the Removal Period, may, at the option of Licensor, be deemed to have been abandoned, and in such case, such items may be retained by Licensor as its property or be disposed of by Licensor, without accountability, in such manner as Licensor shall determine, at Licensee's expense.

**10.2 Termination by Licensor and Licensee.** In addition to any other termination rights and remedies available to Licensor pursuant to the terms of this Agreement, if the Building is not used by Licensor as a school or ceases to be the property of **The City of Chicago In Trust for the Use of Schools** or the Public Building Commission, Licensor may terminate this Agreement at any time upon One Hundred and Eighty (180) days' prior written notice to Licensee. Notwithstanding the foregoing, in the event of casualty or deterioration of any portion of the Building that affects the License, Licensor may elect to terminate this Agreement, rather than rebuild or repair such portion of the Building, in which event Licensor shall provide sixty (60) days prior written notice to Licensee of such termination. Licensee may terminate this Agreement by providing twelve (12) months' prior written notice to Licensor, and paying an additional fee of one (1) year of the annual payment as a termination fee.

**10.3 Holdover.** If Licensee remains in possession after the expiration of the Term or after any earlier termination of this Agreement or of the Licensee's right to possession: (a) Licensee shall be deemed a Licensee at will; (b) Licensee shall pay one hundred and fifty percent (150%) of the annual license fee last prevailing hereunder and also shall pay all damages sustained by Licensor by reason of such remaining in possession after the expiration or termination of this Agreement; and c) there shall be no renewal or extension of this Agreement by operation of law. The provisions of this Article shall not constitute a waiver by Licensor of any re-entry rights of Licensor provided hereunder or by law.

## **ARTICLE 11**

### **Miscellaneous**

**11.1 Notices.** All notices, requests and other writings required under this Agreement shall be in writing and shall be deemed validly given upon the earlier of (i) actual receipt or (ii) the second business day after the date posted if sent by certified mail, return receipt requested, addressed to the other party with copies as set forth in the Licensor's Address and Licensee's Address (or any other address within the United States that the party to be notified may have designated to the sender by like notice).

**11.2 Cooperation.** Licensor agrees to cooperate with Licensee, at Licensee's sole cost and expense, in any efforts by Licensee to secure any governmental permits necessary to use the Premises as contemplated in this Agreement.

**11.3 Agreement Construction.** This Agreement shall be construed in accordance with the laws of the State of Illinois. In the event that any provisions of this Agreement are legally unenforceable, the other provisions shall remain in effect. All prior understandings and agreements between the parties are merged into this Agreement, and this Agreement may not be modified orally or in any manner other than by an agreement in writing signed by both parties. Presentation of this Agreement by Licensee to Licensor shall not constitute an offer unless the Agreement has been signed by Licensee, and this Agreement shall not be binding until executed by both Licensor and Licensee.

**11.4 Successors.** Subject to the provisions regarding assignment, this Agreement shall be binding upon, and inure to the benefit of, the successors-in-interest and permitted assigns of the parties.

**11.5 Estoppel Certificates.** During the Term of this Agreement, either party shall, upon thirty (30) days' prior written request by the other, deliver to the requesting party a statement in writing certifying that this Agreement is unmodified and in full force and effect (or if modified, in effect as modified and setting forth the modifications and the dates of the modifications), the dates to which the license payments have been paid, and stating whether or not, to the knowledge of the party delivering the certificate, the requesting party is in default in performance of any agreement contained in this Agreement and, if so, specifying each default and whether there are any counterclaims.

**11.6 Non-Waiver.** The waiver by Licensor or Licensee of any term, covenant or condition contained in this Agreement must be in writing and shall not be deemed to be a waiver of any subsequent breach of the same or any other term, covenant or condition contained in this Agreement. The subsequent acceptance of any payment under this Agreement by Licensor shall not be deemed to be a waiver of any preceding default by Licensee of any term, covenant, or condition of this Agreement, other than the failure of the Licensee to pay the particular license payment so accepted, regardless of Licensor's knowledge of such preceding default at the time of the acceptance of such payment. Licensor's failure to insist upon the performance or the strict performance of any provision of this Agreement, or to exercise any election contained in this Agreement, shall not be construed as a waiver of such provision, or right to exercise such election.

**11.7 Late Charges.** If any installment of annual payment or any sum due from Licensee shall not be received by Licensor or Licensor's designee within thirty (30) days after said amount is due, Licensee shall pay to Licensor a late charge, equal to: (a) the lesser of one and one half percent (1½%) of such overdue amount on a monthly basis, or eighteen percent (18%) of such overdue amount on an annual basis; or (b) the maximum amount permitted by law, plus any reasonable attorneys' fees incurred by Licensor by reason of Licensee's failure to pay the annual license payment and/or other charges when due. The parties hereby agree that such late charges represent a fair and reasonable estimate of the costs that Licensor will incur by reason of the late payment by Licensee. Acceptance of such late charges by Licensor shall in no event constitute a waiver of Licensee's default with respect to such overdue amount, nor prevent Licensor from exercising any of the other rights and remedies granted under this Agreement or by law.

**11.8 Recording.** Licensee shall not record or file this Agreement or a memorandum of this Agreement, or any part thereof, in the public records of any county or state.

**11.9 Environmental.** Licensee shall not conduct or authorize the generation, transportation, storage, treatment, disposal, use, consumption, or possession on, in or under the Land or the Building, of any Hazardous Substance, as hereafter defined, that is in violation of applicable environmental laws or regulations and the Licensee's failure to comply with the provisions of this Section 11.9 shall constitute a default under this Agreement. "Hazardous Substance" means any matter giving rise to liability under any and all laws, acts, regulations or ordinances (the "Environmental Laws"), including, but not limited to, the Resources Conservation Recovery Act ("RCRA"), 42 U.S.C. Section 6901 et seq., the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), 52 U.S.C. Sections 9601 et seq., the Illinois Environmental Protection Act (IEPA), or under any common law theory of liability. If, any of Licensee's activities at the Land, whether or not such activities are in violation of this Section 11.9, result in the presence, release, threat of release, or placement on, in or under the Land or the Building, of any Hazardous Substance and such activities: (i) give rise to liability (including, but not limited to, a response action, remedial action, or removal action) under any Environmental Law or any common law theory of liability, (ii) cause an adverse public health effect, or (iii) pollute, or threaten to pollute, the environment, Licensee shall promptly take, at Licensee's sole cost and expense, any and all necessary remedial and removal actions and mitigate exposure to liability arising from the Hazardous Substance, whether or not required by law. Licensee shall not have any liability to Licensors for any Hazardous Materials that Licensee or Licensee's Representatives have not disturbed or brought onto the Property. Without limiting any other indemnifications or remedies granted to Licensors under this Agreement, Licensee, its officers, directors and assigns hereby protect, indemnify, defend, and forever hold the Licensors and its officers, directors, employees, representatives, agents and assigns harmless from and against, any and all claims, judgments, damages, penalties, fines, costs, expenses, liabilities or losses, contingent or otherwise, that any or all of the indemnified parties suffer or incur as a result of, or due to, any contamination of the Building, the Land or any other property not a part of the Land, but which contamination arises or occurs as a result of the presence, release, threat of release, or placement of Hazardous Substances in, on or under the Building, or the Land, the presence of which is caused or permitted by Licensee. The provisions of this Section 11.9 shall survive any termination of this Agreement and shall be co-extensive with the other indemnification and hold harmless rights of Licensors under this Agreement. Notwithstanding the foregoing, Licensee may use sealed batteries for emergency back-up, a fire suppression system and small quantities of cleaning products ordinarily used by commercial businesses by Licensee, Licensee's agents, employees, contractors, or invitees without Licensors' prior written consent.

**11.10 Broadcast Interference.** As used in this Agreement, "interference" with a broadcasting activity means: (a) interference within the meaning of the provisions of the recommended practices of the Electronics Industries Association (EIA) and the rules and regulations of the Federal Communications Commissions (FCC) then in effect, or (b) a material impairment of the quality of either sound or picture signals on a broadcasting activity as may be defined by the FCC at any hour during the period of operation of activity, as compared with that which would be obtained if no other broadcaster were broadcasting from the Building or had any equipment at the Building. Licensee shall take reasonable actions to prevent and properly remove any interference with broadcast activities of Licensors or other licensees of Licensors caused by Licensee's actions at the Building.

**11.11 Non-Interference by Licensee.** Licensee acknowledges that the primary function of the Building is to operate a school and that Licensee's License, is and shall at all times remain throughout the Term, ancillary to school operations. Licensee hereby agrees that Licensee shall conduct its operations in the Building in a manner that will not interfere with, interrupt, disturb or disrupt in any manner, the operation of the school.

**11.12 Interference by Others.** Licensee hereby acknowledges that Licensee's use of the parapet walls shall not be exclusive and that Licensors shall use the parapet for its own purposes, which purposes shall at all times remain paramount to Licensee's, as well as granting rights to others for the use of same. Licensors shall use reasonable good faith efforts to cause other communication carriers not to interfere with Licensee's Equipment, which efforts shall be limited to, after receiving written notice of same from Licensee, delivering written notice to such communication carrier of any interference. Licensors shall not knowingly license or lease the use of space to others that will interfere with Licensee's Equipment, provided, however, that Licensors shall be under no obligation to perform any tests or investigations in order to determine the likelihood of interference prior to entering into any Agreement with any others.

**11.13 Relocation.** Licensors may, at any time during the Term, change the location of the Licensee's Equipment on Exhibit "A" to another area (the "New Location"), provided that the New Location is oriented in the same direction and at the same height as the original location. Licensors shall use good faith reasonable efforts to provide Licensee with sixty (60) days' prior written notice of Licensors' exercise of its relocation right under this Section 11.13. Licensee shall cooperate with Licensors, in all reasonable respects so as to facilitate Licensee's relocation to the New Location. In addition to the

foregoing, Licensor shall have the option of requiring Licensee, at Licensee's sole cost and expense, to temporarily relocate Licensee's Equipment, if necessary, upon ninety (90) days' advance written notice, in the event that repairs or maintenance of the Building are scheduled to be performed. Licensor shall cooperate with Licensee to find a temporary alternative space to place temporary transmission and reception facilities on the Property, it being understood and agreed that the use of such alternative space shall be governed by all the terms and conditions of this Agreement, including, but not limited to, the obligation to pay the license payment.

**11.14 Entry.** Licensee hereby acknowledges that Licensee and any sublicensees or assignees ("Licensee's Parties") shall comply with the terms of 105 ILCS 5/34-18.5) and that Licensee's Parties shall screen all persons permitted by Licensee's Parties to enter the Building to ensure compliance with 105 ILCS 5/34-18.5c) and shall, at the request of Licensor, immediately remove from the Building and prohibit access by any such person not acceptable to Licensor.

**11.15 Time.** Time is of the essence of this Agreement.

**11.16 Inspector General.** Each party to this Agreement hereby acknowledges that, in accordance with 105 ILCS 5/34-13.1, the Inspector General of the Board of Education has the authority to conduct certain investigations and that the Inspector General shall have access to all information and personnel necessary to conduct those investigations.

**11.17 Conflicts.** This Agreement is not legally binding on the Licensor if entered into in violation of the provisions of 105 ILCS 5/34-21.3 which restricts the employment of, or the letting of contracts to, former Board Members during the one-year period following expiration or other termination of their terms of office.

**11.18 Indebtedness Policy.** The Board of Education Indebtedness Policy (96-0626-PO3) adopted June 26, 1996, as amended from time to time, is hereby incorporated into and made part of the Agreement as if fully set forth herein.


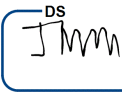
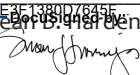
**11.19 Ethics.** No officer, agent, or employee of the Licensor is, or shall be, employed by the Licensor or has, or shall have, a financial interest, directly or indirectly, in this Agreement or the compensation to be paid hereunder, except as may be permitted in writing by the Licensor's Code of Ethics Policy, adopted August 24, 2023 (23-0824-PO2), as amended from time to time, which policy is hereby incorporated by reference into and made a part of this Agreement as if fully set forth herein.

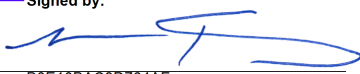
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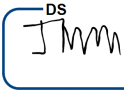
IN WITNESS WHEREOF, Licensors and Licensee have executed this Agreement as of the latter of the dates written below.

LICENSOR

BOARD OF EDUCATION OF THE CITY OF CHICAGO

Signed by:   *DFH*  
By: Sean B. Harden, President  
Attest:   
ADC8249319B6449...  
Susan J. Narrajos, Secretary  
Date: July 30, 2025 | 4:44:34 PM CDT


Signed by:   
By: BOE10BAC8D764AF...  
Macquiline King, Ed.D  
Title: Interim Superintendent/Chief Executive Officer

Approved by:   *DFH*  
By: Ruchi Verma, General Counsel

Board Report No.: 15-0422-OP1-188

LICENSEE

T-Mobile Central LLC,  
a Delaware limited liability company

DocuSigned by:   
By: Kim Curtis  
Name: VP, Critical Infrastructure Procurement  
Its: 7/18/2025  
Date:





**EXHIBIT "A"**

**SPACE PLAN AND LOCATION OF INSTALLATIONS**





- [illegible]

GENERAL BUILDING REQUIREMENTS PER CHICAGO ZONING ORDINANCE (CZO) AND CHICAGO BUILDING CODE (CBC) 2019 EDITION

ITEM	ISSUE	GROUP/CHAPTER/PAGE	ORDINANCE REQUIREMENT	ACTUAL	REQUIREMENT	LOCATION SHEET NO.	AGENCY / TEST NO.	REMARKS
PART 1 - ZONING REQUIREMENTS								
1.01	ZONING DISTRICT	CZO TITLE 17			N/A	A-1.0		
1.02	LOT AREA				N/A			
1.03	MAXIMUM FLOOR AREA RATIO				N/A			
1.04	TOTAL BUILDING AREA				N/A			
1.05	BUILDING HEIGHT-NO. OF FLOORS				N/A			
1.06	MINIMUM YARDS				N/A			
1.07	GRADE ELEVATION (CDD)				N/A	T-1.0		
1.08	OFF STREET LOADING				N/A			
1.09	OFF STREET PARKING				N/A			
1.10	LANDSCAPING				N/A			
1.11	TOWNHOUSE ORDINANCE				N/A			
PART 2 - BUILDING REQUIREMENTS								
2.01	OCCUPANCY CLASSIFICATION(S)	3 (13-66) PAGE 158			N/A	N/A		
2.02	HEIGHT AND AREA LIMITATIONS	5 (13-68) PAGE 422			N/A	N/A		
	A) EXCEPTIONS TO AREA LIMITATIONS	5 (13-68-200) PAGE 428			N/A	N/A		
	B) MIXED OCCUPANCY BUILDINGS	6 (13-68-400) PAGE 428			N/A	N/A		
2.03	CLASSIFICATION OF BUILDINGS BY CONSTRUCTION TYPE	6 (13-680) PAGE 429			N/A	N/A		
2.04	MIXED OCCUPANCY - REQUIREMENTS	6 (13-68-200) PAGE 430			N/A	N/A		
2.05	REQ. HRS OF FIRE RESISTANCE	6 (13-68-100) PAGE 430			N/A	N/A		
	EXTERIOR BEARING WALLS	TABLE 13-604-100, ROW 1			N/A	N/A		
	EXTERIOR-NONBEARING WALLS	TABLE 13-604-100, ROW 2			N/A	N/A		
	INTERIOR BEARING WALLS	TABLE 13-604-100, ROW 3			N/A	N/A		
	INTERIOR NONBEARING WALLS	TABLE 13-604-100, ROW 4			N/A	N/A		
	COLUMNS	TABLE 13-604-100, ROW 5			N/A	N/A		
	COLUMNS SUPPORTING ROOFS ONLY	TABLE 13-604-100, ROW 6			N/A	N/A		
	BEAMS	TABLE 13-604-100, ROW 7			N/A	N/A		
	BEAMS SUPPORTING ROOFS ONLY	TABLE 13-604-100, ROW 7			N/A	N/A		
	FLOOR CONSTRUCTION	TABLE 13-604-130, ROW 8			N/A	N/A		
2.06	ELEVATOR FRAMING	6 (13-604-130) PAGE 432			N/A	N/A		
2.07	MEZZANINE FLOORS	6 (13-604-160) PAGE 432			N/A	N/A		
2.08	BASEMENT CONSTRUCTION	6 (13-604-170) PAGE 432			N/A	N/A		
2.09	DRIVEWAYS AND LOADING SPACES	6 (13-604-210) PAGE 432			N/A	N/A		
2.10	FIRE-RESISTIVE REQUIREMENTS	7 (15-8) PAGE 433			N/A	N/A		
	A) FIRE WALLS-CONSTRUCTION	7 (15-8-10) PAGE 433			N/A	N/A		
	B) PARAPETS	7 (15-8-60) PAGE 434			N/A	N/A		
	C) STAIRWAY ENCLOSURES	7 (15-8-140) PAGE 436			N/A	N/A		
	D) ELEVATOR ENCLOSURES	7 (15-8-160) PAGE 437			N/A	N/A		
	E) ENCLOSURES OF HEATING ROOMS	7 (15-8-190) PAGE 437			N/A	N/A		
	F) ENCLOSURES OF WELLS & CHUTES	7 (15-8-170) PAGE 437-438			N/A	N/A		
	G) OTHER ENCLOSURES	7 (15-8-240) PAGE 439			N/A	N/A		
	H) INTERIOR WALL AND CIG. FINISHES	7 (15-8-380) PAGE 441			N/A	N/A		
	I) STORAGE ROOMS OVER 100SQ.FT	7 (15-8-240) (b) PAGE 439			N/A	N/A		
2.11	FIRE-RESISTIVE MATERIALS AND CONSTRUCTION	7 (15-12) PAGE 446			N/A	N/A		
2.12	ACCEPTED ENGINEERING PRACTICE RECOGNIZED AGENCIES	7 (15-12-600) PAGE 447			N/A	N/A		
2.13	FIRE PROTECTION EQUIPMENT	9 (15-16) PAGE 452			N/A	N/A		
	A) SPRINKLER SYSTEMS	9 (15-16-010) PAGE 453			N/A	N/A		
	B) SPECIAL REQUIREMENTS	9 (15-16-030) PAGE 453-454			N/A	N/A		
PART 3 - EXIT REQUIREMENTS								
3.01	TYPES OF EXITS	10 (13-160-030) PAGE 484			N/A	N/A		
3.02	MINIMUM NUMBER OF EXITS	10 (13-160-060) PAGE 484-486			N/A	N/A		
	TRAVEL DISTANCE TO EXITS	10 (13-160-110) PAGE 486			N/A	N/A		
3.03	A) INCREASES PERMITTED	10 (13-160-160) PAGE 487			N/A	N/A		
	B) DEAD END CORRIDOR	10 (13-160-160) PAGE 487			N/A	N/A		
3.04	CAPACITY OF EXITS	10 (13-160-210) PAGE 487-488			N/A	N/A		
3.05	MINIMUM WIDTH OF EXITS	10 (13-160-210) PAGE 487-488			N/A	N/A		
3.06	SWING OF EXIT DOORS	10 (13-160-220) PAGE 488-489			N/A	N/A		
3.07	HARDWARE	10 (13-160-250) PAGE 489			N/A	N/A		
3.08	REVOLVING DOORS	10 (13-160-280) PAGE 489-490			N/A	N/A		
3.09	LANDINGS	10 (13-160-210) PAGE 491			N/A	N/A		
3.10	HANDRAILS	10 (13-160-310) PAGE 492			N/A	N/A		
3.11	CONSTRUCTION	10 (13-160-320) PAGE 492			N/A	N/A		
3.12	STAIRWAY ENCLOSURES	10 (13-160-330) PAGE 492			N/A	N/A		
3.13	HEAD ROOM	10 (13-160-400) PAGE 493-497			N/A	N/A		
		10 (13-160-380) PAGE 492			N/A	N/A		

Get More From Life

DOWNERS GROVE, IL 60515

SITE ID:  
CH61428B

CODE .....

081-005847

08/18/22 EXP 11/30/22

01-025393

ENGINEERING Date: 8/18/2022

DATE DRAWN:	11/24/21
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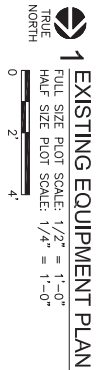
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## REQUIREMENTS

21











> NOTES:  
> REFER 1/A4.1 FOR THE PROPOSED CABINET  
> BASE ATTACHMENT TO THE EXISTING PLATFORM

SHEET NUMBER:  
**A1.1**

- IMPORTANT SITE NOTES:**
1. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING FINAL RF CONFIGURATION AND NOTIFY T-MOBILE AND ENGINEERING FIRM WITH ANY DISCREPANCIES.
  2. CONTRACTOR SHALL VERIFY ALL FINAL CONNECTION LOCATIONS WITH T-MOBILE ENGINEER, RF ENGINEER, AND NET-OPS PRIOR TO INSTALLATION.
  3. CONTRACTOR TO USE PROPER TORQUE WRENCH WHEN INSTALLING AND TIGHTENING CONNECTORS TO INSURE PROPER FIT.

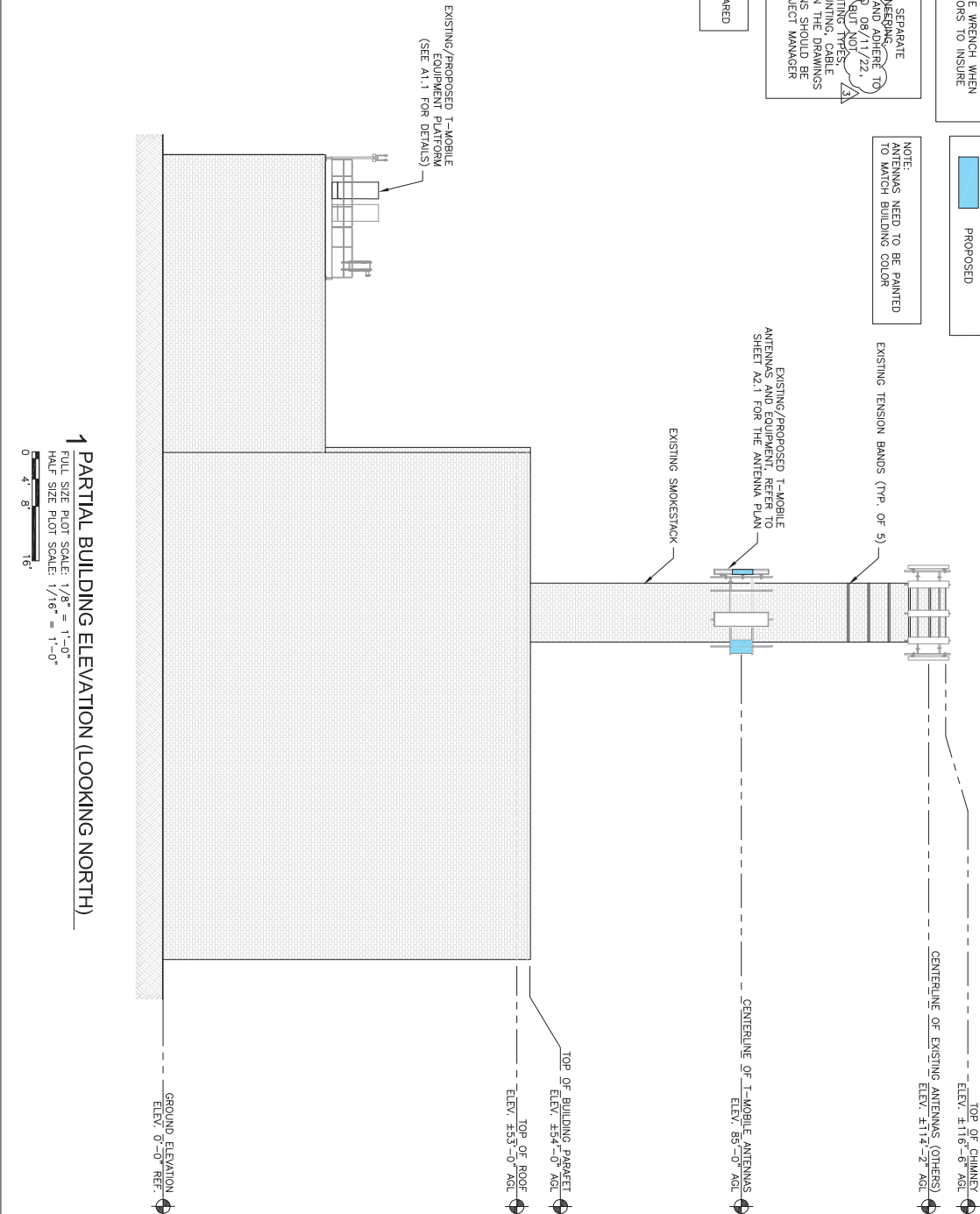
**EQUIPMENT LEGEND**

	EXISTING
	TO BE REMOVED
	TO BE RELOCATED
	PROPOSED

**COLLOCATION NOTE:**  
SCOPE OF WORK BY MOUNTAIN LTD. ENGINEERING CONTRACTOR SHALL THOROUGHLY REVIEW AND ADHERE TO THE PASSING STRUCTURAL ANALYSIS DATED 08/11/22, FOR STRUCTURAL ANALYSIS INCLUDING BUT NOT LIMITED TO STRUCTURAL LOADS, WINDING, CABLE ROUTING, ETC. ANY DISCREPANCY BETWEEN THE DRAWINGS AND STRUCTURAL ANALYSIS, AND/OR PLANS SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING AND INSTALLATION.

**NOTE:**  
REFER TO EXISTING CHIMNEY REPORT PREPARED BY BEDNASH CONSULTING DATED 10/22/21

**NOTE:**  
ALL PAINTS NEED TO BE PAINTED TO MATCH BUILDING COLOR.



**1 PARTIAL BUILDING ELEVATION (LOOKING NORTH)**

FULL SIZE PLOT SCALE: 1/8" = 1'-0"  
HALF SIZE PLOT SCALE: 1/16" = 1'-0"  
0 4 8 16'

PREPARED FOR:



1400 OPUS PLACE  
DOWNERS GROVE, IL 60015

SITE NAME:

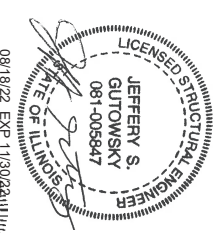
CPS JAMIESON  
ELEMENTARY

SITE ID:

CH61428B

STAMP:

I CERTIFY THAT THESE DRAWINGS WERE PREPARED UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE THEY COMPLY WITH ALL CITY, STATE AND FEDERAL REQUIREMENTS FOR THE CHICAGO BUILDING CODE



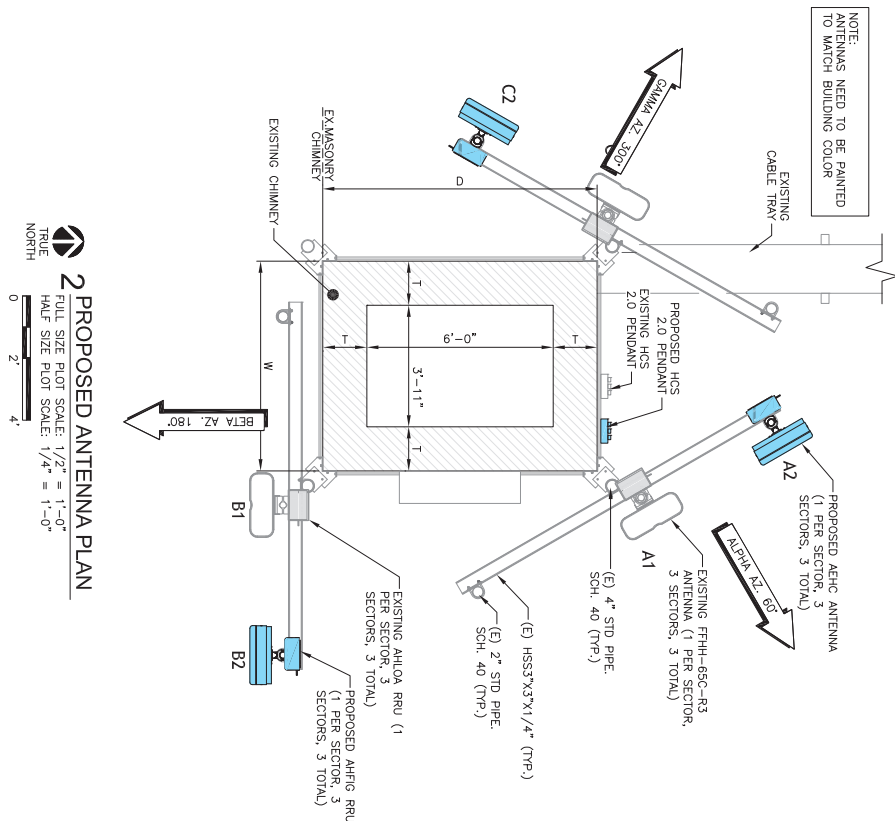
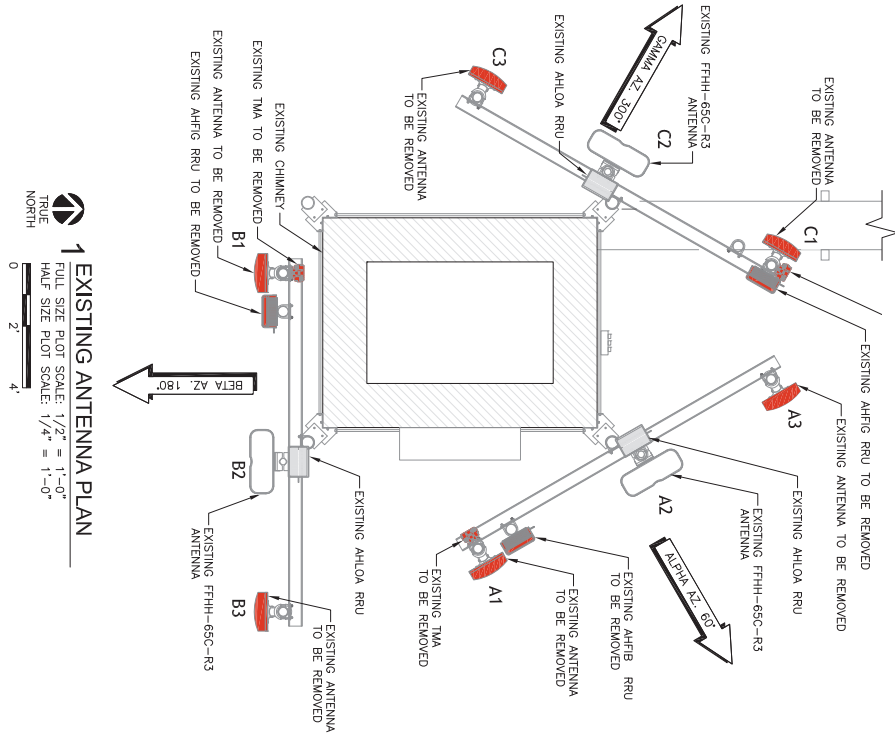
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D	ISSUED FOR CONSTRUCTION	JE	12/20/21
E	REVISED PER NEW RDS	JE	12/30/21
F	REVISED PER COMMENTS	WS	07/19/22
G	REVISED PER COMMENTS	JC	08/11/22

**PARTIAL BUILDING ELEVATION**

SHEET NUMBER:  
**A2.0**

EQUIPMENT LEGEND	
	EXISTING
	TO BE REMOVED
	TO BE RELOCATED
	PROPOSED



COLLOCATION NOTE:  
SCOPE OF WORK BY MOUNTAIN LTD. ENGINEERING CONTRACTOR SHALL THOROUGHLY REVIEW AND ADHERE TO THE PASSING STRUCTURAL ANALYSIS DATED 08/11/22, FOR THE PROPOSED ANTENNA INSTALLATION. THE ANALYSIS IS LIMITED TO STRUCTURAL UPGRADES, MOUNTING, CABLE ROUTING, ETC. ANY DISCREPANCY BETWEEN THE DRAWINGS AND STRUCTURAL ANALYSIS, AND/OR PLANS SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING AND INSTALLATION.

NOTE:  
1. ANTENNA INFORMATION OBTAINED FROM T-MOBILE RF DATA CONFIGURATION SHEET DATE UPDATED 04/04/2022. CONTRACTOR TO OBTAIN THE MOST CURRENT & FINAL RDS FROM T-MOBILE FOR ADJUSTMENT SETTINGS PRIOR TO CONSTRUCTION.

CHIMNEY CROSS SECTION PROFILE				
ELEV	D	W	T	
119'	5'-10"	5'-10"	12	
111'	5'-10"	6'-9"	13	
88'	8'-10"	6'-9"	17	
60'-4"	8'-10"	8'-10"	17	

ELEV	D	W	T
119'	5'-10"	5'-10"	12
111'	5'-10"	6'-9"	13
88'	8'-10"	6'-9"	17
60'-4"	8'-10"	8'-10"	17

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08/18/22 EXP 11/30/2022

**JEFFERY S. GUTOWSKY**  
081-0059847  
LICENSED STRUCTURAL ENGINEER  
STATE OF ILLINOIS

**William D. McGee**  
01-025393  
LICENSED ARCHITECT  
STATE OF ILLINOIS

DATE: 08/11/22

NO. DESCRIPTION BY DATE

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1 REVISED PER NEW RDS JE 12/30/21

2 REV PER REVIEWER COMMENTS WS 07/19/22

3 REV PER REVIEWER COMMENTS JC 08/11/22

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**ANTENNA PLAN**

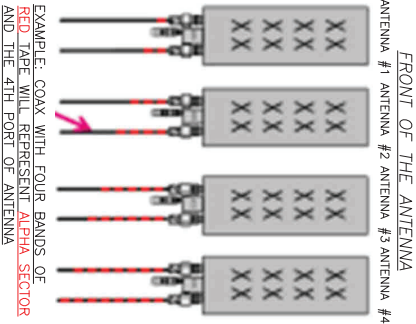
SHEET NUMBER:  
**A2.1**



ANTENNA AND CABLE SCHEDULE							
SECTOR	ALPHA		BETA		GAMMA		
LOCATION	A-1	A-2	B-1	B-2	C-1	C-2	
TECHNOLOGY	L700U.600N/600U U/1900U L1.900U.2100/ G1900	L2500N/2500	L700U.600N/600U U/1900U L1.900U.2100/ G1900	L2500N/2500	L700U.600N/600U U/1900U L1.900U.2100/ G1900	L2500N/2500	
AZIMUTH	60	60	180	180	300	300	
RAC CENTER	85-0°	85-0°	85-0°	85-0°	85-0°	85-0°	
COLORING CODING	RED	GREEN	RED	GREEN	BLUE	BLUE	
MODEL #	COMMScope FFFH-65C-R3 (E)	NOKIA AEHC (N)	COMMScope FFFH-65C-R3 (E)	NOKIA AEHC (N)	COMMScope FFFH-65C-R3 (E)	NOKIA AEHC (N)	
MECHANICAL DOWNLINK	2/2/2/2	.	2/2/2/2	.	2/2/2/2	.	
ELECTRICAL DOWNLINK	NOKIA ARIAG (N) NOKIA ARILOA (E)	.	NOKIA ARIAG (N) NOKIA ARILOA (E)	.	NOKIA ARIAG (N) NOKIA ARILOA (E)	.	
RRU TYPE	(A) HCS 2.0 TRUNK (E)	(B) HCS 2.0 TRUNK (N)	(A) HCS 2.0 TRUNK SHARED	(B) HCS 2.0 TRUNK SHARED	(A) HCS 2.0 TRUNK SHARED	(B) HCS 2.0 TRUNK SHARED	
HCS DIA. & TYPE	110° (G) TO VALIDATE ON SCOPE WALK	110° (G) TO VALIDATE ON SCOPE WALK	.	.	.	.	
HCS SCALED LENGTH	125'	125'	.	.	.	.	
HCS FACTORY LENGTH	HCS 2.0	HCS 2.0	HCS 2.0	HCS 2.0	HCS 2.0	HCS 2.0	
HYBRID JUMPER TYPE FROM PENDANT TO RRU	(2) 15' (E)	15' (N)	(2) 15' (E)	15' (N)	(2) 15' (E)	15' (N)	
HYBRID JUMPER LENGTH	112" COAX (N)	.	112" COAX (N)	.	112" COAX (N)	.	
RF JUMPER TYPE FROM RRU TO ANTENNA	(8) 10'	.	(8) 10'	.	(8) 10'	.	

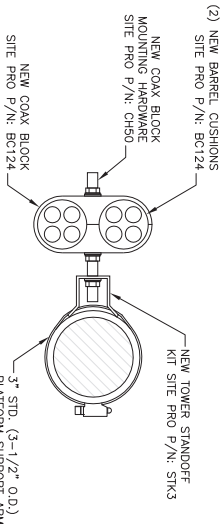
1 ANTENNA SCHEDULE  
SCALE: N.T.S.

COAX COLOR CODING	
• ANTENNAS WILL BE LABELED (BACK OF ANTENNA VIEW)	
• COAX/JUMPER LINES WILL BE IDENTIFIED BY SECTOR COLOR AND BY NUMBER OF BANDS AROUND THE COAX/JUMPER	
SECTOR A	RED
SECTOR B	GREEN
SECTOR C	BLUE
SECTOR D	YELLOW
SECTOR E	WHITE
SECTOR F	PURPLE
LMU	BROWN + SECTOR COLOR BANDS (142)
FIBER ID	GRAY
UNUSED COAX	PINK
MICROWAVE	ORANGE
DWE T-1'S + GPS DOWNLINK CABLE	ID W/ LABEL MAKER

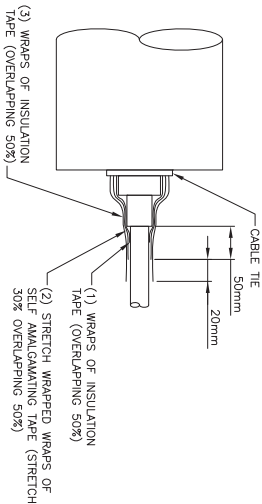


1. ALL ANTENNAS SHALL BE FINISHED WITH DOWNLINK BRACKETS. CONTRACTOR SHALL ENSURE ANTENNAS ARE PROPERLY SECURED WITH DOWNLINK BRACKETS WITH RF ENGINEER. ANTENNA DOWNLINK SHALL BE SET AND VERIFIED BY A SMART LEVEL.
2. CONTRACTOR SHALL INSTALL COLOR CODE RINGS ON EACH OF THE HYBRID CABLES AND JUMPER CABLES WITH UV RESISTANT TAPE. ALL CABLE SHALL BE MARKED AT TOP AND BOTTOM WITH 2" COLOR TAPE OR STENCIL TAG. COLOR TAPE MAY BE OBTAINED FROM GRAYBAR ELECTRONICS.

2 COAX COLOR CODING  
SCALE: N.T.S.



3 COMBINER CABLE DATA INFORMATION  
SCALE: N.T.S.



4 RF JUMPER CONNECTION DETAIL  
SCALE: N.T.S.

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JEFFERY S.  
GUTOWSKY  
081-005847

LICENSED STRUCTURAL ENGINEER  
STATE OF ILLINOIS

08/18/22 EXP 11/30/2024

LICENSED ARCHITECT  
William D. McGeehey  
01-025393

**Mountain**  
ENGINEERS

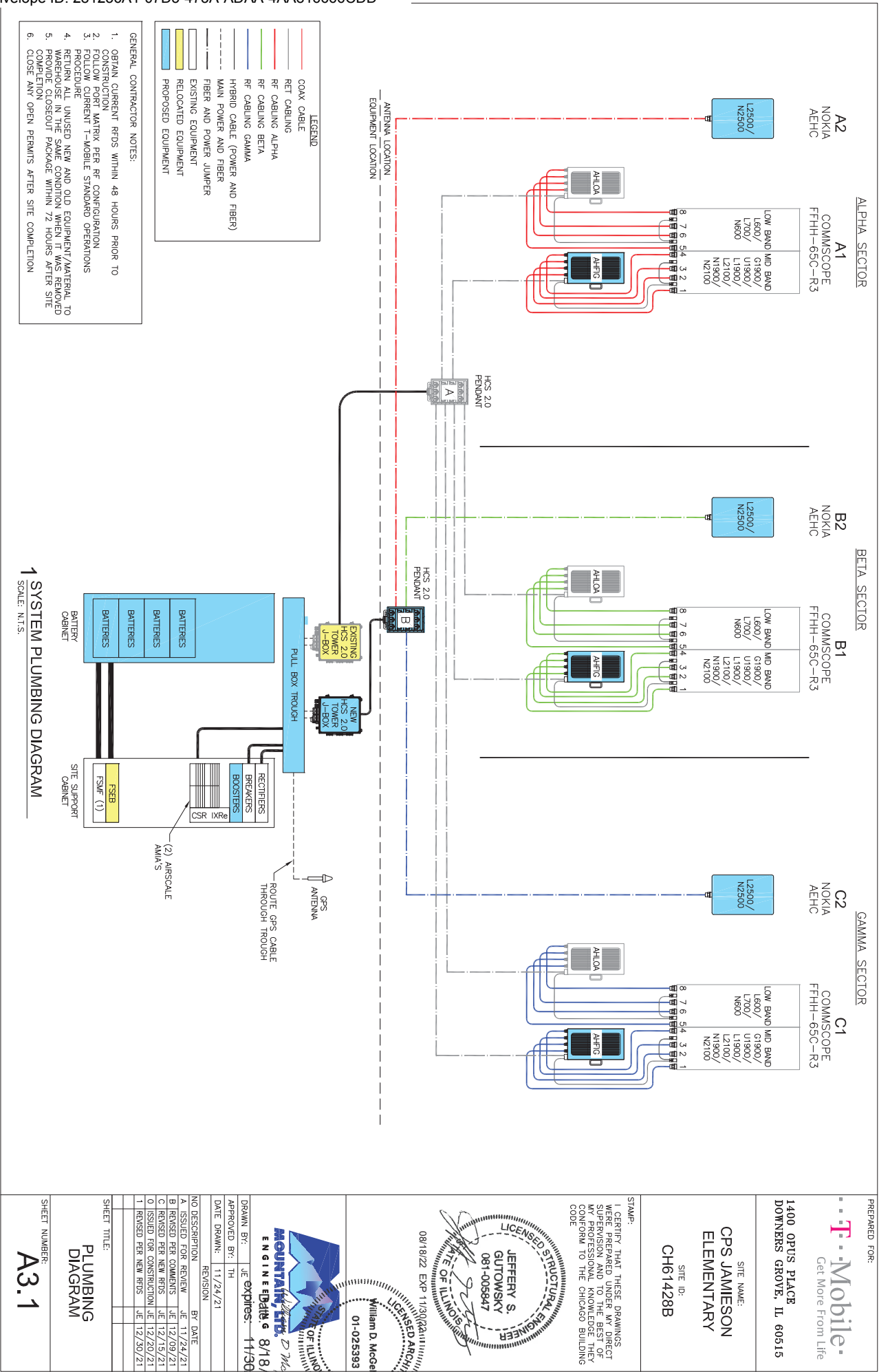
DATE: 8/18/2022

JE expires: 11/30/2022

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SHEET TITLE:  
**ANTENNA SCHEDULE  
& DETAILS**

SHEET NUMBER:  
**A3.0**



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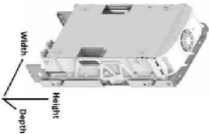
**MOUNTAIN**  
ENGINEERING  
DATE: 8/18/2022  
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SHEET TITLE:  
**PLUMBING  
DIAGRAM**

SHEET NUMBER:  
**A3.1**

Band	B25 + B66
Instantaneous BW (DL/UL)	65MHz on Band 25, 80MHz on Band 66 up to 64QAM (UL) and up to 256QAM (DL)
Supported Modulation schemes	
Supported bandwidths	LTE 1.4, 3.5, 10, 15, 20 MHz
No. of ports	4TR
Output Power	80 W for Band 25 and 40 W for Band 66 (Total power is 480W)
DC connector	Terminal Block
Optical fiber connector	2 x 9.6Gbps CPRI, RCT IP seal
RF connector	4.3-10"
Antennas	AGS on all ports, DC on ANT1 and ANT3
Dimensions (W x H x D) in	27.3 x 12.1 x 5.2
Weight lbs	70.5 without cover
HW/SW Availability	Available now - SONATA
5G NR Support	YES
NB-IOT Support	YES (in band, guardband, standalone)



### 1 NOKIA AEHC DETAIL

SCALE: N.T.S.

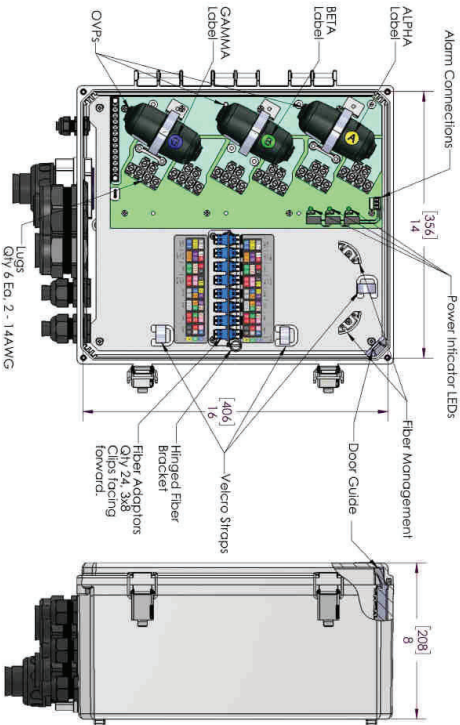
## Nokia AEHC



Dimensions 35.4" x 22.8" x 8.3"  
Weight 99.2

### 2 AEHC DETAIL

SCALE: N.T.S.



### 3 HCS 2.0 TOWER JUNCTION BOX

SCALE: N.T.S.

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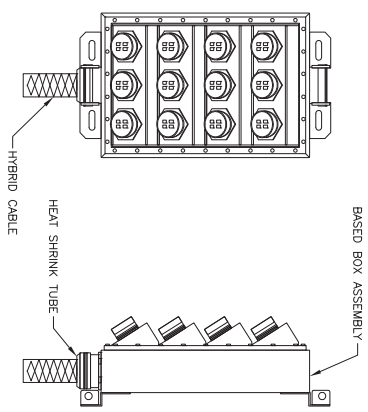
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EQUIPMENT DETAILS

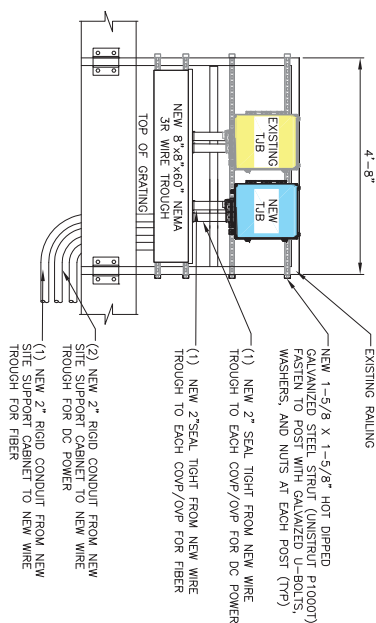
SHEET NUMBER:  
A4.0

COMMSCOPE, JUNCTION BOX  
MODEL NUMBER: HCS 2.0 PART 1  
DIMENSIONS: 14.00" (HEIGHT) X 16.00" (WIDTH) X 8.00" (DEPTH)  
WEIGHT: 23.5 LBS.

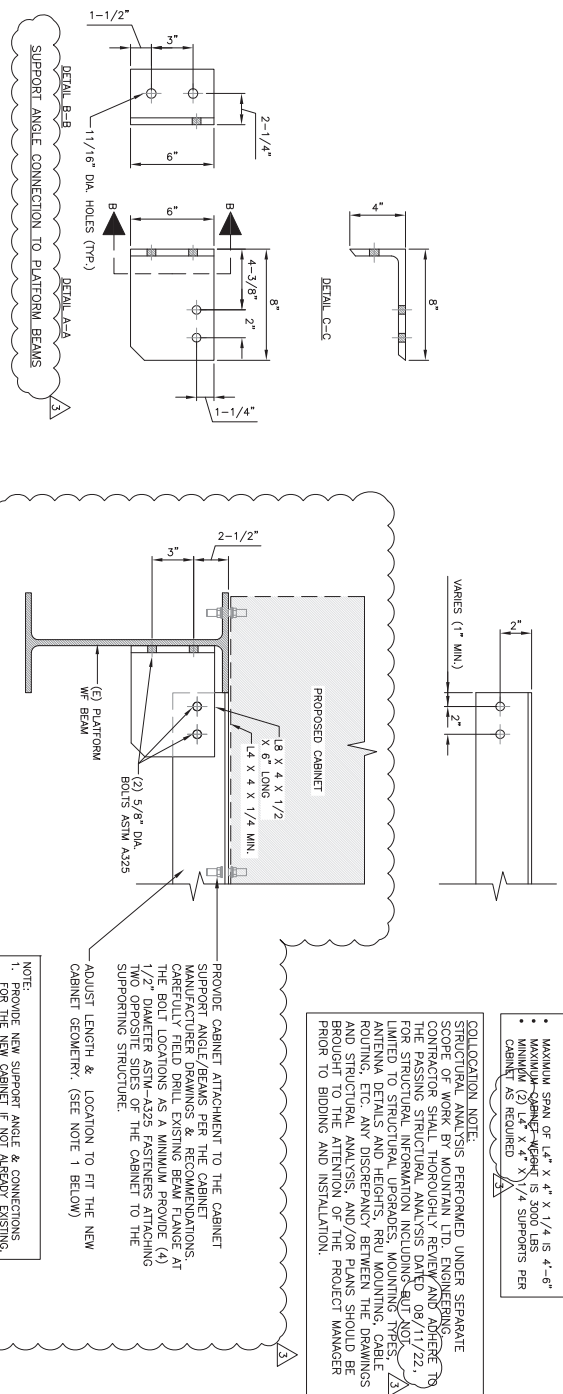
**2 COMMSCOPE - HCS 2.0 PENDANT**  
SCALE: N.T.S.



**3 H-FRAME & BUS LINE DETAIL**  
SCALE: N.T.S.



**1 TYPICAL CABINET SUPPORT DETAIL**  
SCALE: N.T.S.



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DATE: 8/18/2022

EXPIRES: 11/30/2022

**MOUNTAIN**  
ENGINEERING



## Large Battery 3 Cabinet

### LB3 Site Support Enclosure

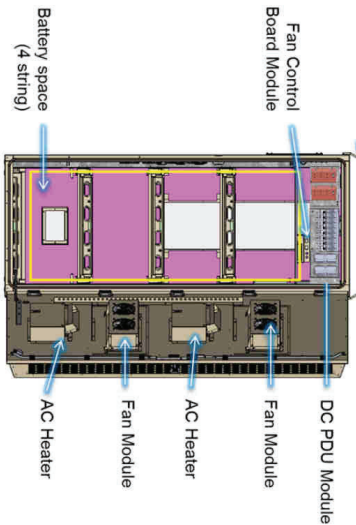
#### Product Feature

- Direct air cooling solution with optional Gore filter
- Supports four strings of 48V VRLA batteries up to 210Ah
- 600A bus bar with individual 200A breakers per string
- Bulk Input / Output with ability to daisy chain cabinets
- Connection kit includes cables with disconnects
- Rear hatch access
- Corrosion resistant aluminum construction
- Powder coated high gloss finish
- Designed to meet GR-487

#### Specifications

Model	
1 General	Large 3 Battery (LB3) Cabinet
2 Dimensions	Aluminum extruded Dimensions (W x H x D) 30" x 72" x 36" (net, 36" max), Depth with door 41" (net) Weight 2545kg (5595lb) without battery
3 Internal risk dimension	4 battery bays to support up to 210Ah batteries
4 Wiring options	Post-mount (left) and pre-mount (right) terminal block
5 Safety	UL Listed, EEC / EN 60950
6 Operating temperature	-40C to +55C (-40F to +127F) with total load
7 Accessories	Accessories are optional to the cabinet
8 Standby / recovery	50% load-carrying (10A)
9 Cooling	Direct air cooling, (A) Axial Fans, Filters: F8 front and rear
10 Heating	Forced air heating (2) 1000W AC heaters
11 Cable Entry	Knock out plate on each upper side wall
12 Door latch	3 point latching, 5/16 NAL drive lock, pad locking capability
13 Lifting ears	4 eye bolts
14 Standard equipment	AC Load Center with AC Surge protection and GFCI outlet (1) 2000V AC surge protector (2) 1000W AC powered heater DC Load Center 600A bulk head bus bar (A) 2000V 12V and battery (B) 2000V 12V and battery (C) 2000V 12V and battery (D) 2000V 12V and battery (E) 2000V 12V and battery (F) 2000V 12V and battery (G) 2000V 12V and battery (H) 2000V 12V and battery (I) 2000V 12V and battery (J) 2000V 12V and battery (K) 2000V 12V and battery (L) 2000V 12V and battery (M) 2000V 12V and battery (N) 2000V 12V and battery (O) 2000V 12V and battery (P) 2000V 12V and battery (Q) 2000V 12V and battery (R) 2000V 12V and battery (S) 2000V 12V and battery (T) 2000V 12V and battery (U) 2000V 12V and battery (V) 2000V 12V and battery (W) 2000V 12V and battery (X) 2000V 12V and battery (Y) 2000V 12V and battery (Z) 2000V 12V and battery

DC Load Center 600A bulk head bus bar  
(A) 2000V 12V and battery  
(B) 2000V 12V and battery  
(C) 2000V 12V and battery  
(D) 2000V 12V and battery  
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(F) 2000V 12V and battery  
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(T) 2000V 12V and battery  
(U) 2000V 12V and battery  
(V) 2000V 12V and battery  
(W) 2000V 12V and battery  
(X) 2000V 12V and battery  
(Y) 2000V 12V and battery  
(Z) 2000V 12V and battery



## 1 BATTERY CABINET DETAIL

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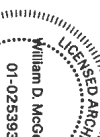
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DATE: 8/18/2022  
APPROVED BY: JE  
DATE: 11/30/2022

DATE DRAWN: 11/24/21

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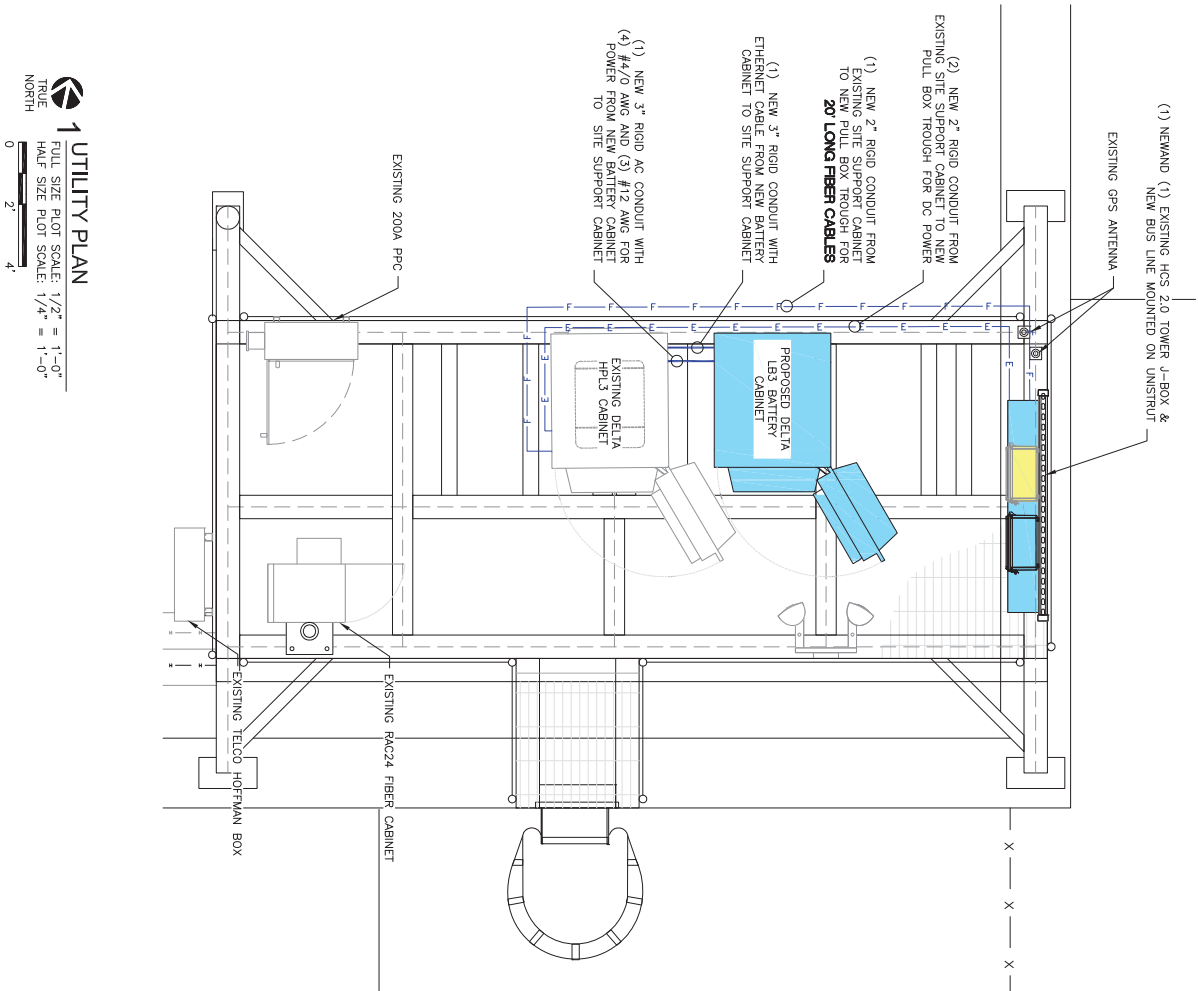
SHEET NUMBER:

A4.2

- NOTES:
1. GC TO INSURE ALL CONDUITS NO LONGER BEING USED ARE DECOMMISSIONED AND HOLES ARE PROPERLY SEALED AND WEATHERPROOFED.
  2. ALL CONDUIT SHALL BE INSTALLED UNDER PLATFORM SHOULD BE INSTALLED FROM HPJ3 SHALL RUN STRAIGHT DOWN UNDER PLATFORM TO MINIMIZED TRIPPING HAZARD.

LEGEND  
F — FIBER LINE  
E — ELECTRICAL LINE

UTILITY SCHEDULE					
FROM	TO	WIRE QTY. & TYPE	GROUND	CONDUIT SIZE	PATHWAY TYPE
PPC	HPJ3	EXISTING	EXISTING	EXISTING	EXISTING
PPC	HPJ3	EXISTING	EXISTING	EXISTING	EXISTING
HPJ3	TUB	3 PAIRS OF #2	N/A	2" RMC	POWER CONDUIT
HPJ3	TUB	<b>20' FIBER</b>	N/A	2" RMC	TELCO CONDUIT
HPJ3	LB3	(2) CAT-5 CABLES	N/A	3" RMC	TELCO CONDUIT (FOR BATTERY ALARM)
HPJ3	LB3	2 PAIRS OF 4/0 TELCO FLEX POWER CABLES, (3) # 12	N/A	3" RMC	POWER CONDUIT



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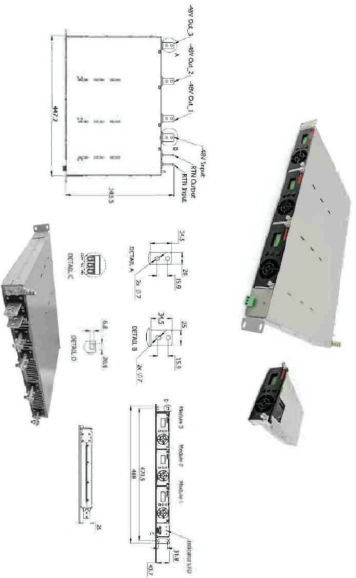
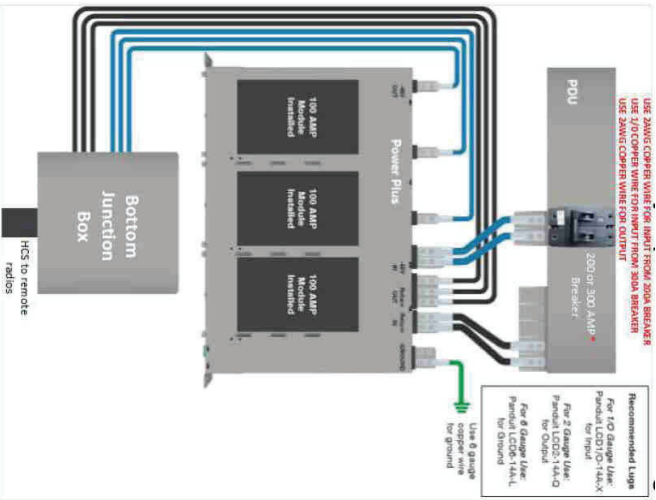
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2	REV PER REVIEWER COMMENTS	WS	07/19/22

SHEET TITLE:  
**UTILITY PLAN**

SHEET NUMBER:  
**E1.0**



- NOTES:
1. VOLTAGE BOOSTERS WILL BE CONFIGURED FOR SINGLE MODE OPERATION.
  2. GC TO INSTALL (1) 200A DC BREAKER WITH (2) SETS OF 24/2 AWG TO FEED THE VOLTAGE BOOSTER. PROVIDE TWO TO ONE TERMINAL ADAPTER AS REQUIRED FOR CIRCUIT BREAKER WIRING.



# 1 VOLTAGE BOOSTER DETAIL

SCALE: N.T.S.

PREPARED FOR:

**T-Mobile**  
Get More From Life

1400 OPUS PLACE  
DOWNERS GROVE, IL 60515

SITE NAME:  
**CPS JAMIESON  
ELEMENTARY**

SITE ID:  
**CH61428B**

STAMP:  
I CERTIFY THAT THESE DRAWINGS  
WERE PREPARED UNDER MY DIRECT  
SUPERVISION AND TO THE BEST OF  
MY PROFESSIONAL KNOWLEDGE, THEY  
COMPLY WITH ALL CITY, STATE AND  
FEDERAL REQUIREMENTS FOR THE  
CHICAGO BUILDING  
CODE

**JEFFERY S.  
GUTOWSKY**  
081-005847  
LICENSED STRUCTURAL ENGINEER  
STATE OF ILLINOIS  
08/18/22 EXP 11/30/24

**William D. McGee**  
01-025393  
LICENSED ARCHITECT  
STATE OF ILLINOIS

**Mountain**  
ENGINEERING  
DATE: 8/18/2022  
JE expires: 11/30/2022

DRAWN BY: TH  
APPROVED BY: JE  
DATE DRAWN: 11/24/21

NO DESCRIPTION	BY DATE
A ISSUED FOR REVIEW	JE 11/24/21
B REVISED PER COMMENTS	JE 12/09/21
C REVISED PER NEW RDS	JE 12/15/21
O ISSUED FOR CONSTRUCTION	JE 12/20/21
T REVISED PER NEW RDS	JE 12/30/21

SHEET TITLE:  
**ELECTRICAL  
DETAILS**

SHEET NUMBER:  
**E2.0**

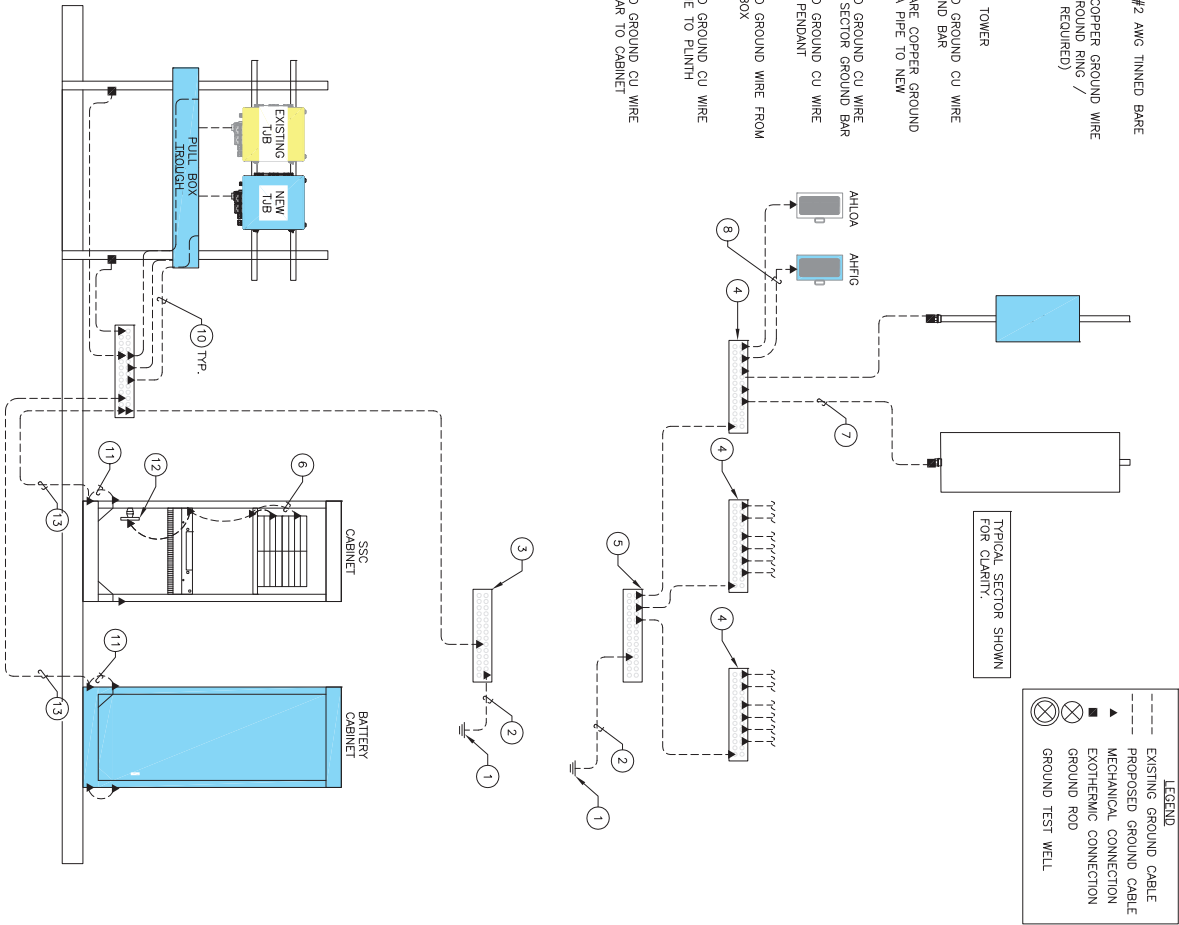


GROUNDING NOTES:

1. ALL GROUNDING SHALL COMPLY WITH NATIONAL ELECTRICAL CODE, ANSI TIA-607, NFPA 780, AND T-1-MOBILE STANDARDS.
2. CONTRACTOR SHALL TO OBTAIN ALL PERMITS, PAY PERMIT FEES, AND BE RESPONSIBLE FOR SCHEDULING INSPECTIONS.
3. PROVIDE ALL LABOR AND MATERIALS EXPLICITLY OR IMPLICITLY DESCRIBED IN THIS DRAWING SET, INCLUDING ANY INCIDENTAL MATERIAL AS REQUIRED TO TURN OVER A FULLY FUNCTIONAL WIRELESS FACILITY.
4. GROUNDING CONNECTIONS SHALL BE EXOTHERMIC TYPE (EXOTHERMIC WELD) TO ANTENNA MASTS, AND THE GROUND BARS REMAINING GROUNDING CONNECTIONS SHALL BE COMPRESSION FITTINGS.
5. GROUNDING CONDUCTORS SHALL BE COPPER OR SOLID TINNED COPPER. ALL CONNECTIONS MADE BELOW GRADE SHALL BE SOLID TINNED COPPER. ALL CONNECTIONS ABOVE GRADE STRANDED IS PERMITTED.
6. ALL EXOTHERMIC WELDS ABOVE FINISHED GRADE SHALL BE PAINTED WITH CO-GALVANIZED ZINC ENRICHED PAINT TO MATCH COLOR OBJECT BONDED TO.
7. CONNECT RF MODULE GROUND TO GROUND BUS AT TOP OF THE TOWER.
8. NUMBER OF ANTENNAS REPRESENTED IN THIS DETAIL ARE FOR SHOWING CLARITY OF GROUND SYSTEM REQUIREMENTS ONLY. SEE RF INFO FOR ANTENNA QUANTITY.
9. CONTRACTOR SHALL APPLY ANTI-OXIDANT GREASE TO ALL CONNECTIONS TO GROUND BARS.
10. ALL GROUND LEADS TO BE SLEEVED IN 3/4" SCHEDULE 40 PVC CONDUIT AND SEALED W/ SILICON.
11. ALL BENDS IN GROUNDING SYSTEM MUST BE SMOOTH AND WELL ROUNDED AND MAINTAIN BENDING RADIUS.
12. SYSTEM IMPEDANCE TO GROUND SHALL MEASURE 5 OHMS OR LESS.
13. CONTRACTOR SHALL V.I.F. AND INSTALL ANY MISSING GROUND BARS OR GROUNDING CONDUCTORS ON SITE.

KEY NOTES:

- 1 EXISTING GROUND RING (#2 AWG TINNED BARE COPPER).
- 2 #2 SOLID TINNED BARE COPPER GROUND WIRE FROM GROUND BAR TO GROUND RING / GROUNDING ELECTRODE (2 REQUIRED)
- 3 MASTER GROUND BAR
- 4 SECTOR GROUND BAR
- 5 MASTER GROUND BAR ON TOWER
- 6 #6 AVG GREEN STRANDED GROUND CU WIRE FROM MODULES TO GROUND BAR
- 7 #2 AWG SOLID TINNED BARE COPPER GROUND WIRE FROM NEW ANTENNA PIPE TO NEW SECTOR GROUND BAR
- 8 #6 AVG GREEN STRANDED GROUND CU WIRE FROM NEW RU TO NEW SECTOR GROUND BAR
- 9 #6 AVG GREEN STRANDED GROUND CU WIRE FROM TOP COV/HCS2.0 PENDANT TO SECTOR GROUND BAR
- 10 #6 AVG GREEN STRANDED GROUND WIRE FROM COV/HCS2.0 TOWER J-BOX TO GROUND BAR
- 11 #2 AWG GREEN STRANDED GROUND CU WIRE FROM NEW CABINET FRAME TO PLINTH GROUND BAR
- 12 #2 AWG GREEN STRANDED GROUND CU WIRE FROM MASTER GROUND BAR TO CABINET
- 13



1 TYPICAL GROUNDING DIAGRAM  
SCALE: N.T.S.

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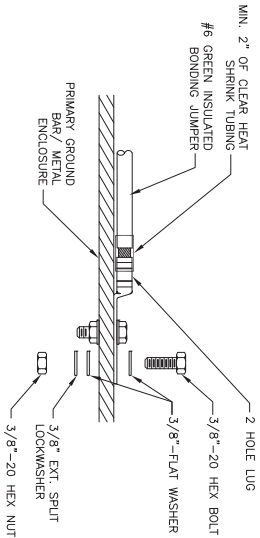
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ENGINEERS  
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SHEET TITLE:  
**GROUNDING  
DIAGRAM & NOTES**

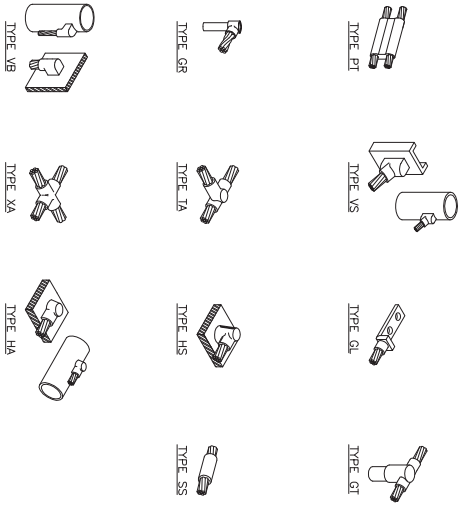
SHEET NUMBER:  
**G2.0**



- INSTALLATION NOTES:
1. SELECT BOLT LENGTH TO PROVIDE A MINIMUM OF TWO EXPOSED THREADS.
  2. BURNISH MOUNTING SURFACE TO REMOVE PAINT IN THE AREA OF LUG CONTACT.
  3. APPLY ANTI-OXIDANT COMPOUND TO MATING SURFACE OF LUG AND WIRE.
  4. USE SOLID COPPER WIRE AND MECHANICAL 2-HOLE LUG FOR ALL EXTERIOR GROUNDING.

## 1 GROUND BAR CONNECTION DETAIL

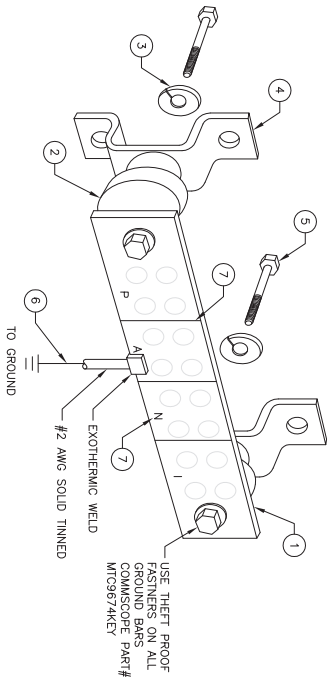
SCALE: N.T.S.



COORDINATE WITH CONSTRUCTION MANAGER FOR PROJECT SPECIFIC MOLD TYPES

## 2 TYPICAL CADWELD DETAIL

SCALE: N.T.S.



EACH GROUND CONDUCTOR TERMINATING ON ANY GROUND BAR SHALL HAVE AN IDENTIFICATION TAG ATTACHED AT EACH END THAT WILL IDENTIFY ITS ORIGIN AND DESTINATION

### SECTION "P" - SURGE PRODUCERS

- COLLECTOR GROUND BAR
- GENERATOR FRAMEWORK (IF AVAILABLE)
- TELCO GROUND BAR
- COMMERCIAL POWER COMMON NEUTRAL/GROUND BOND
- FIBER GROUND BAR
- EQUIPMENT ROOM COLLECTOR GROUND BAR
- HVAC
- RECTIFIER FRAMES

### SECTION "A" - SURGE ABSORBERS

- INTERIOR GROUND RING
- EXTERNAL EARTH GROUND FIELD (BURIED GROUND RING)
- METALLIC COLD WATER PIPE (IF AVAILABLE)
- BUILDING STEEL (IF AVAILABLE)
- AC POWER

### SECTION "N" - NON-ISOLATED GROUND ZONE EQUIPMENT

- MISCELLANEOUS NON-ISOLATED GROUND ZONE EQUIPMENT
- CABLE TRAY SYSTEM
- EQUIPMENT FRAMES
- BATTERY RACKS
- DC POWER

### SECTION "I" - ISOLATED GROUND ZONE

- ISOLATED EQUIPMENT FRAMES
- ISOLATED GROUND BAR - IGB

### KEYED NOTES

- 1 1/4" THK ELECTRICAL TINNED GROUND BAR HARGER OR APPROVED EQUAL HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONNECTION
- 2 INSULATORS (UNLESS NOTED OTHERWISE)
- 3 3/8" STAINLESS STEEL LOCK WASHERS
- 4 WALL MOUNTING BRACKET
- 5 3/8" STAINLESS BNLF BOLTS
- 6 EXOTHERMICALLY WELD #2 AWG BARE TINNED SOLID COPPER CONDUCTOR TO GROUND BAR, AND PROVIDE PARALLEL EXOTHERMIC WELD
- 7 CONTRACTOR SHALL USE PERMANENT MARKER AND LABEL EACH SECTION ("P", "A", "N", "I") WITH 1" HIGH LETTERS

### NOTES:

- EXTERIOR GROUND BARS TO BE TIN PLATED
- EXTERIOR GROUND BARS TO BE STAINLESS STEEL
- CONTRACTOR SHALL GROUP INCOMING WIRES
- CONTRACTOR TO APPLY "KOPR-SHIELD" TO ALL CONNECTIONS

### NOTE:

CONTRACTOR TO INSTALL/REPLACE NEW OR MISSING GROUND BARS AS REQUIRED.

## 3 GROUND BAR DETAIL

SCALE: N.T.S.

PREPARED FOR:

**T-Mobile**  
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1400 OPUS PLACE  
DOWNERS GROVE, IL 60015

SITE NAME:

CPS JAMIESON  
ELEMENTARY

SITE ID:

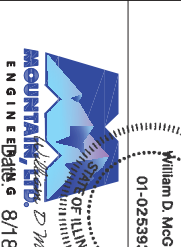
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08/18/22 EXP 11/30/24



DATE: 8/18/2022

APPROVED BY: TH

DATE: 11/24/21

REVISION

NO DESCRIPTION

BY DATE

REVISION

REVISION

REVISION

REVISION

REVISION

REVISION

REVISION

**EXHIBIT "B"****PAYMENTS**

<b>TERM</b>	<b>ANNUAL LICENSE PAYMENTS</b>
<p>1</p> <p>June 1, 2026 – May 31, 2027  June 1, 2027 – May 31, 2028  June 1, 2028 – May 31, 2029  June 1, 2029 – May 31, 2030  June 1, 2030 – May 31, 2031</p>	<p>\$60,000.00  \$61,800.00  \$63,654.00  \$65,564.00  \$67,531.00</p>
<p>2</p> <p>June 1, 2031 – May 31, 2032  June 1, 2032 – May 31, 2033  June 1, 2033 – May 31, 2034  June 1, 2034 – May 31, 2035  June 1, 2035 – May 31, 2036</p>	<p>\$69,557.00  \$71,644.00  \$73,793.00  \$76,007.00  \$78,287.00</p>
<p>3</p> <p>June 1, 2036 – May 31, 2037  June 1, 2037 – May 31, 2038  June 1, 2038 – May 31, 2039  June 1, 2039 – May 31, 2040  June 1, 2040 – May 31, 2041</p>	<p>\$80,636.00  \$83,055.00  \$85,547.00  \$88,113.00  \$90,756.00</p>
<p>4</p> <p>June 1, 2041 – May 31, 2042  June 1, 2042 – May 31, 2043  June 1, 2043 – May 31, 2044  June 1, 2044 – May 31, 2045  June 1, 2045 – May 31, 2046</p>	<p>\$93,479.00  \$96,283.00  \$99,171.00  \$102,146.00  \$105,210.00</p>