
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:

**Tilden Career Community Academy
4747 South Union Avenue
Chicago, Illinois 60609**

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**ARTICLE I
Defined Terms**

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| <p>1.1 Licensor
Board of Education of the City of Chicago</p> <p>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</p> <p>with a copy to:

Board of Education of the City of Chicago
One North Dearborn, 9th Floor
Chicago, Illinois 60602
Attention: General Counsel
Telephone: (773) 553-1700
Fax: (773) 553-1701</p> <p>1.3 Name & Address for Payment

Board of Education of the City of Chicago
One North Dearborn, 2nd Floor
Chicago, Illinois 60602
Attention: Finance</p> <p>1.4 Licensee

T-Mobile Central LLC
12920 SE 38th Street
Bellevue, Washington 98006
Attention: Lease Compliance
T-Mobile Site ID: – CH72254D/113793</p> <p>1.5 Licensee's Address for Notices

T-Mobile USA, Inc.
12920 SE 38th Street
Bellevue, Washington 98006
Attention: Lease Compliance
T-Mobile Site ID: CH72254D/113793</p> <p>1.6 Building Address

Tilden Career Community Academy
4747 South Union Avenue
Chicago, Illinois 60609
(the "Land")</p> | <p>1.7 Commencement Date

October 1, 2024</p> <p>1.8 Initial Term

Five (5) years</p> <p>1.9 Renewal Terms

Three (3) Five (5) year Renewal Terms as described in Section 2.</p> <p>1.10 Initial License Fee

\$ 70,000</p> <p>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 smokestack of the Building ("Smokestack"), and on the roof level, an equipment platform with dimensions no greater than ten (10) feet by twenty (20) feet ("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."</p> |
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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 to Licensor 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 ANSII/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 Roof, the Smokestack, 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 August 28,2008 (“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) Licensor shall engage a Professional to issue an opinion as to the cause of the Defect; (2) Licensor shall repair the Defect; or (3) Licensor shall elect not to repair the Defect. In the event Licensor elects option (3), Licensee may elect to terminate this Agreement in accordance with the provisions of Section 10.1, by delivering written notice to Licensor within sixty (60) days after receipt of the Election Notice. In the event the Professionals engaged by Licensor 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 Licensor and Licensee, and whose determination (“Final Opinion”) shall be binding on both Licensor and Licensee. In the event the Final Opinion or a Cause Opinion indicates that the Defect is not a Licensor 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 Licensor Defect, and Licensor 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 Licensor 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 Licensor’s Risk Management personnel at 773-553-2828 concerning the results. The Licensor 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 Licensor 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 Licensor 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 Licensor 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 Licensor, 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 Licensor 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 Licensor; 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; 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, Licensors 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 Board'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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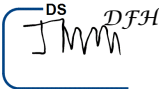
IN WITNESS WHEREOF, Licensor and Licensee have executed this Agreement as of the latter of the dates written below.


LICENSOR

LICENSEE

BOARD OF EDUCATION OF THE CITY OF CHICAGO

T-Mobile Central LLC,
a Delaware limited liability company

DocuSigned by:
By: Jianan Sli  ^{DS} *DFH*

DocuSigned by:
By: Cheryl Downs 

Jianan Sli, President
Attest: Susan J. Narrajos
Susan J. Narrajos, Secretary

Name: Cheryl Downs
Sr. Director, Strategy & Planning

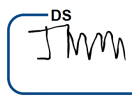
Date: February 26, 2024 | 10:35:43 AM CST

Date: 2/9/2024

DocuSigned by:
By: Pedro Martinez
Pedro Martinez



Title: Chief Executive Officer

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

Board Report No.: 15-0422-OP1- 183

EXHIBIT "A"

SPACE PLAN AND LOCATION OF INSTALLATIONS

DocuSign Envelope ID: 07FD63BB-86A7-43EF-98EE-CF886CB91E1A
 DocuSign Envelope ID: 15F4B0F1-491E-435E-A423-04DC6106652F

CITY OF CHICAGO DEPARTMENT OF CONSTRUCTION AND PERMITS
GENERAL BUILDING REQUIREMENTS Per Chicago Zoning Ordinance(CZO) and Chicago Building Code (CBC) 2019 Edition

ITEM	ISSUE	CHAPTER/ARTICLE	Ordinance Requirement	Actual	Requirement	Location/ Sheet No.	Agency/ Test No.	REMARKS
ZONING REQUIREMENTS								
1.01	Zoning District	CHAPTER 17-1-800	N/A	N/A	N/A	N/A	N/A	
1.02	Lot Area	N/A	N/A	N/A	N/A	N/A	N/A	
1.03	Maximum Floor Area Ratio	N/A	N/A	N/A	N/A	N/A	N/A	
1.04	Total Building Area	N/A	N/A	N/A	N/A	N/A	N/A	
1.05	Building Height - No. of Floors	N/A	N/A	N/A	N/A	N/A	N/A	
1.06	Minimum Floor Area	N/A	N/A	N/A	N/A	N/A	N/A	
1.07	Grade Elevation (CDD)	N/A	N/A	N/A	N/A	N/A	N/A	
1.08	Off-Street Loading	CHAPTER 12-10-101	N/A	N/A	N/A	N/A	N/A	
1.09	Off-Street Parking	CHAPTER 17-1-0207	N/A	N/A	N/A	N/A	N/A	
1.10	Landscaping	CHAPTER 17-1-0050	N/A	N/A	N/A	N/A	N/A	
BUILDING REQUIREMENTS								
2.01	Occupancy Classification (s)	3 (13-56) page 115	N/A	N/A	N/A	N/A	N/A	
2.02	Height and Area Limitations	5 (13-48) page 323	N/A	N/A	N/A	N/A	N/A	
	a) Exceptions to Area Limitations	5(13-48-050)pg. 325	N/A	N/A	N/A	N/A	N/A	
2.03	Types of Construction	6 (13-48-100)pg. 325	N/A	N/A	N/A	N/A	N/A	
2.04	Mixed Occupancy Separations	3 (13-56-280)pg.118	N/A	N/A	N/A	N/A	N/A	
2.05	Req.Hrs of Fire Resistance	6(13-60-100)pg. 330	N/A	N/A	N/A	N/A	N/A	
	Exterior Nonbearing Walls	Table 6(13-60-100)	N/A	N/A	N/A	N/A	N/A	
	Interior Bearing Walls	Table 6(13-60-100)	N/A	N/A	N/A	N/A	N/A	
	Interior Nonbearing Walls	Table 6(13-60-100)	N/A	N/A	N/A	N/A	N/A	
	Columns Supporting Roofs Only	Table 6(13-60-100)	N/A	N/A	N/A	N/A	N/A	
	Beams Supporting Roofs Only	Table 6(13-60-100)	N/A	N/A	N/A	N/A	N/A	
	Floor Construction	Table 6(13-60-100)	N/A	N/A	N/A	N/A	N/A	
2.06	Elevator Framing	6(13-60-130)pg. 331	N/A	N/A	N/A	N/A	N/A	
2.08	Mezzanine Floors	6(13-60-160)pg. 332	N/A	N/A	N/A	N/A	N/A	
2.09	Basement Construction	6(13-60-170)pg. 332	N/A	N/A	N/A	N/A	N/A	
2.10	Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	a) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	b) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	c) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	d) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	e) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	f) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	g) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	h) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	i) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	j) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	k) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	l) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	m) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	n) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	o) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	p) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	q) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	r) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	s) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	t) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	u) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	v) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	w) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	x) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	y) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
	z) Fire - Relative Requirements	7(15-8-240)pg. 335	N/A	N/A	N/A	N/A	N/A	
2.11	Fire - Relative Materials and Construction	7(15-8-240)pg. 348	N/A	N/A	N/A	N/A	N/A	
2.12	Accepted Engineering Practices, Recipient Agencies	7(15-12-050)	N/A	N/A	N/A	N/A	N/A	
2.13	Fire Protection Equipment	8(15-16) page 361	N/A	N/A	N/A	N/A	N/A	
	a) Sprinkler Systems	8(15-16-010)pg. 362	N/A	N/A	N/A	N/A	N/A	
	b) Special Requirements	8(15-16-020)pg. 362	N/A	N/A	N/A	N/A	N/A	
EXIT REQUIREMENTS								
3.01	Types of Exits	10(13-160-040)pg. 388	N/A	N/A	N/A	N/A	N/A	
3.02	Minimum Number of Exits	10(13-160-050)pg. 388	N/A	N/A	N/A	N/A	N/A	
3.03	Travel Distance to Exits	10(13-160-110)pg. 389	N/A	N/A	N/A	N/A	N/A	
	a) Exits Completed	10(13-160-120)pg. 389	N/A	N/A	N/A	N/A	N/A	
	b) Exits Not Completed	10(13-160-130)pg. 389	N/A	N/A	N/A	N/A	N/A	
3.04	Capacity of Exits	10(13-160-210)pg. 390	N/A	N/A	N/A	N/A	N/A	
3.05	Width of Exits	10(13-160-220)pg. 391	N/A	N/A	N/A	N/A	N/A	
3.06	Spacing of Exit Doors	10(13-160-230)pg. 391	N/A	N/A	N/A	N/A	N/A	
3.07	Hardware	10(13-160-240)pg. 392	N/A	N/A	N/A	N/A	N/A	
3.08	Revolving Doors	10(13-160-270)pg. 393	N/A	N/A	N/A	N/A	N/A	
3.10	Landings	10(13-160-320)pg. 394	N/A	N/A	N/A	N/A	N/A	
3.11	Handrails	10(13-160-330)pg. 394	N/A	N/A	N/A	N/A	N/A	
3.12	Enclosures	7(15-8-140)pg. 337	N/A	N/A	N/A	N/A	N/A	

T-Mobile
 "MOBILE"
 1400 DUPES PLACE
 DOWNERS GROVE, IL 60515
 MAIN: (773) 444-5400

TELECOM SERVICES
 LLC TELECOM SERVICES, LLC
 10700A W. LEGNOS RD., SUITE 240
 MARIETTA, GA 30067
 MAIN: (847) 888-8800

concordia
 CIVIL ENGINEERING
 500 S. STATE ST., 5TH FLOOR
 CHICAGO, IL 60605
 PROFESSIONAL DESIGN FIRM LICENSE # 18-0000002

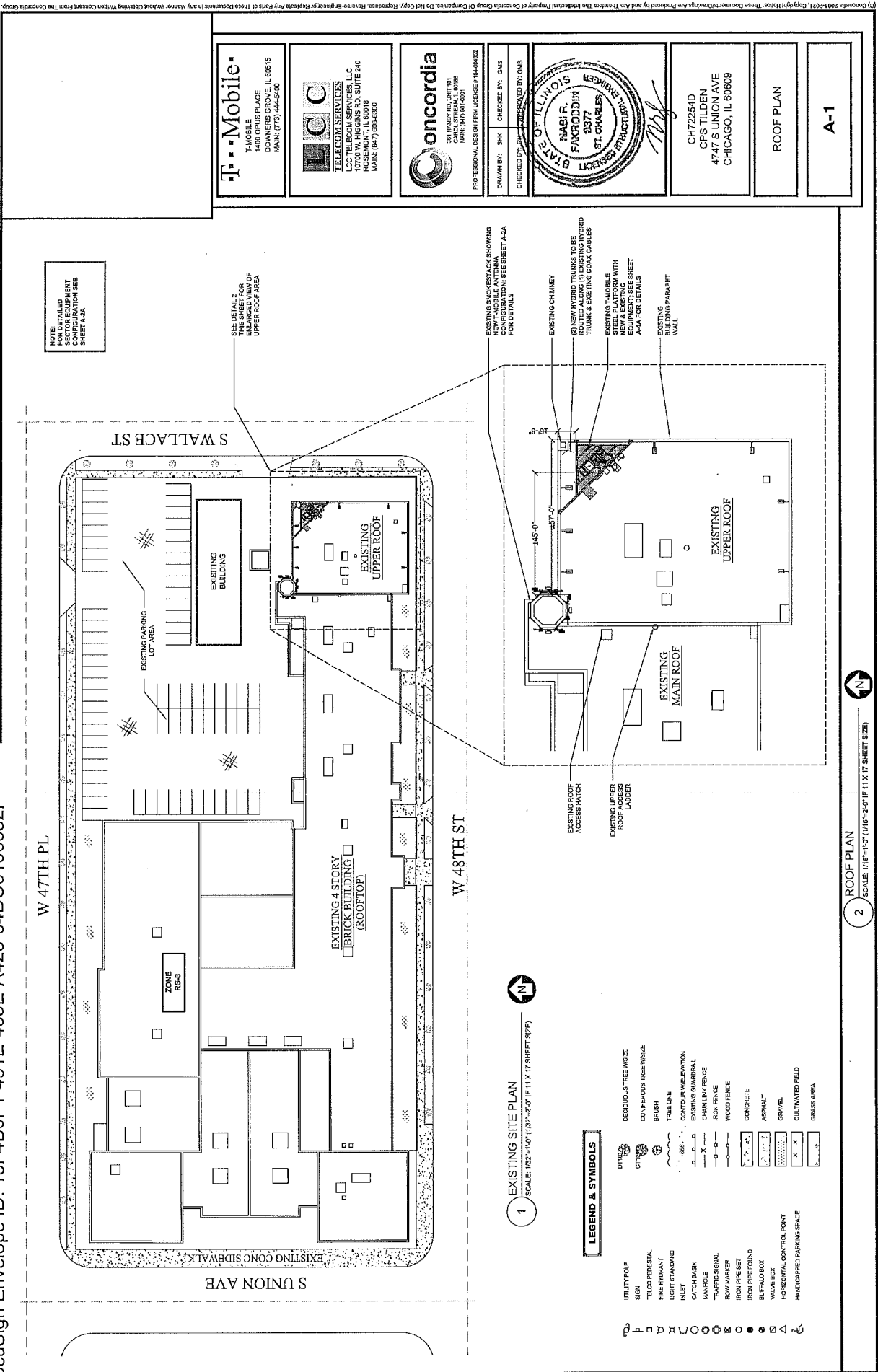
DRAWN BY: SHK CHECKED BY: GMS
 PREPARED BY: GMS

CH7/2254D
 CPS TILDEN
 4747 S UNION AVE
 CHICAGO, IL 60609

CODE MATRIX SCHEDULE

T-2

DocuSign Envelope ID: 07FD38B8-95A7-43EF-98EE-CF856C891E1A
 DocuSign Envelope ID: 15F4B0F1-491E-435E-A423-04DC6106652F



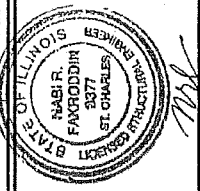
NOTE:
 FOR DETAILED
 INFORMATION
 CONFIGURATION SEE
 SHEET A-3A

T-Mobile
 T-MOBILE
 1400 OPUS PLACE
 DOWNERS GROVE, IL 60515
 MAIN: (773) 444-5000

TELECON SERVICES
 LCC TELECON SERVICES, LLC
 10705 W. HIGGINS RD., SUITE 240
 MARIETTA, IL 60138
 MAIN: (847) 408-8300

concordia
 28 N. WYATT ST., SUITE 100
 CHICAGO, ILLINOIS, IL 60608
 MAIN: (847) 961-0801

DRAWN BY: SKK
 CHECKED BY: OMS
 PROFESSIONAL DESIGN FIRM LICENSE # 164-060022



CH72254D
 CPS TILDEN
 4747 S UNION AVE
 CHICAGO, IL 60609

ROOF PLAN

A-1

1 EXISTING SITE PLAN
 SCALE: 1/32"=1'-0" (1/32"=2'-0" IF 11 X 17 SHEET SIZE)

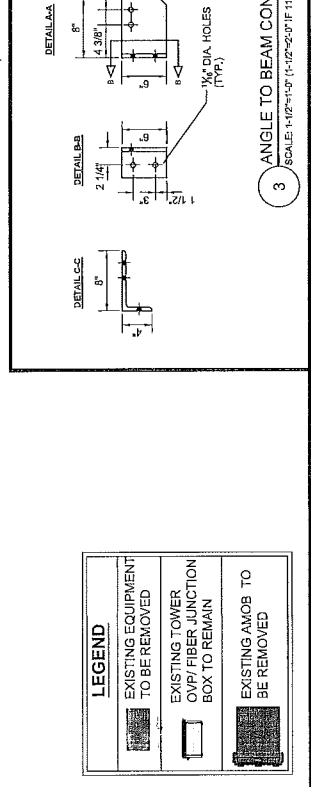
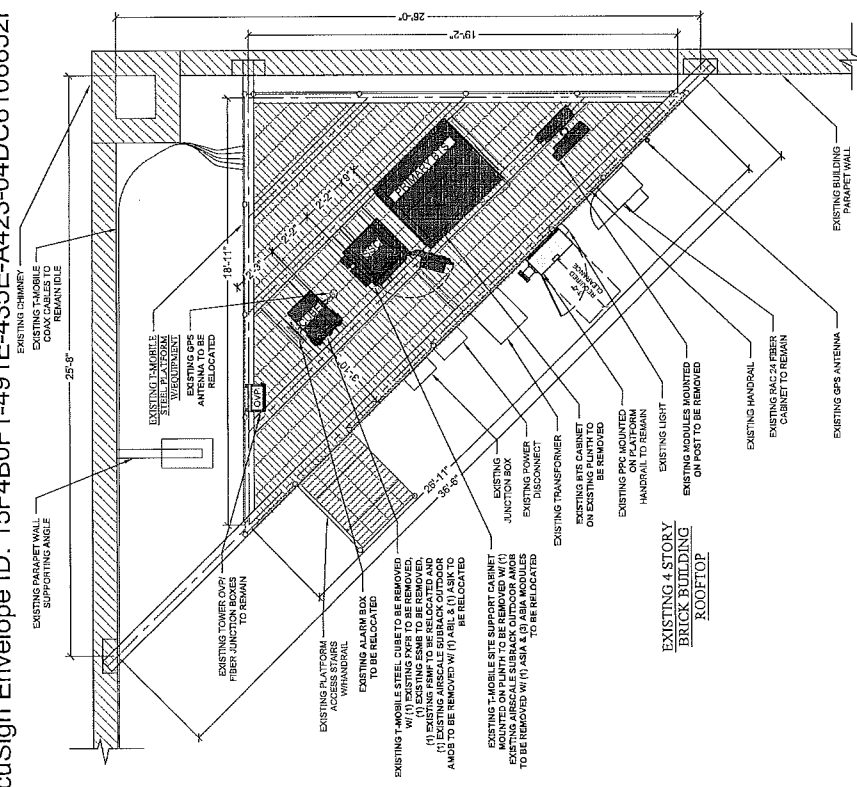
LEGEND & SYMBOLS

- | | |
|---------------------------|-------------------------|
| UTILITY POLE | DEBRIS/US TREE WISZIE |
| SIGN | CONSPICUOUS TREE WISZIE |
| TELECO PEDDESTAL | BIOSH-1 |
| FIRE HYDRANT | TRIE LINE |
| LIGHT STAMPS | CONTOUR WIELEVATION |
| INLET | EXISTING GUARDRAIL |
| CATCH BASIN | CHAIN LINK FENCE |
| MANHOLE | IRON FENCE |
| TRAFFIC SIGNAL | WOOD FENCE |
| ROW MARKER | CONCRETE |
| IRON PIPE SET | ASPHALT |
| IRON PIPE FOUND | GRAVEL |
| BUFFALO BOX | CULTIVATED FIELD |
| VALVE BOX | GRASS AREA |
| HORIZONTAL CONTROL POINT | |
| HANDICAPPED PARKING SPACE | |

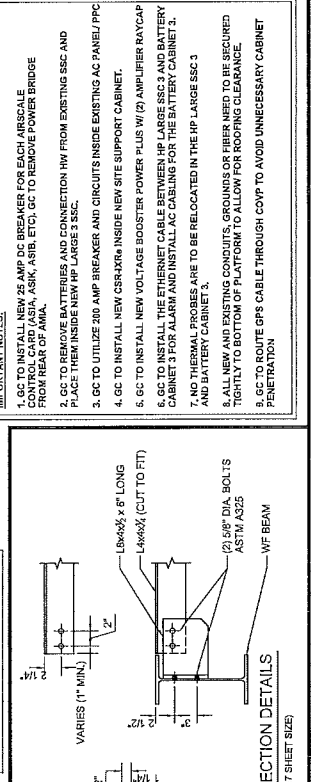
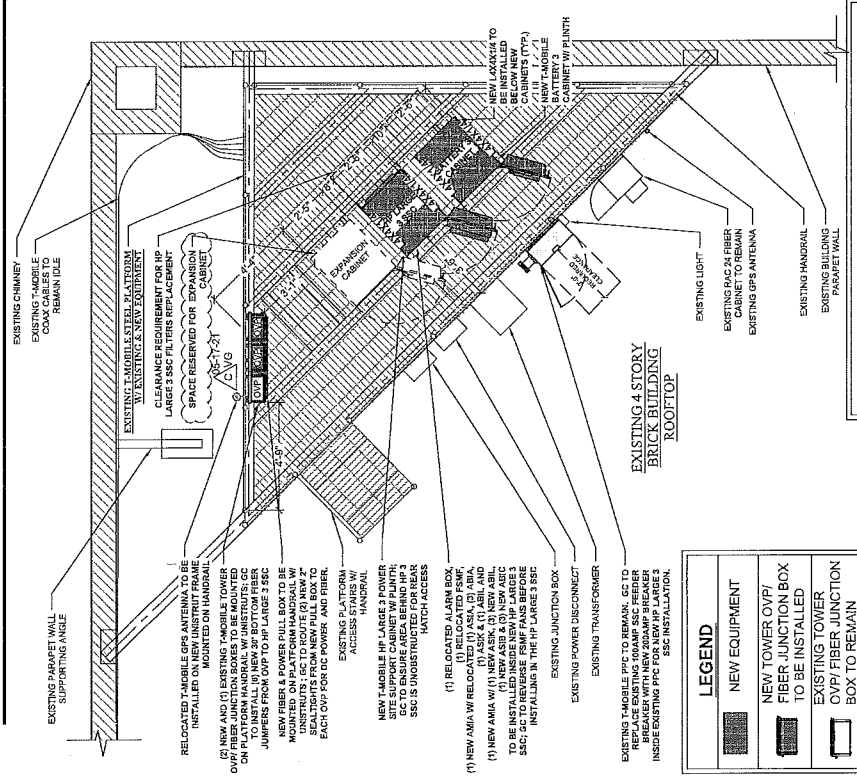
2 ROOF PLAN
 SCALE: 1/16"=1'-0" (1/16"=2'-0" IF 11 X 17 SHEET SIZE)

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1 EXISTING EQUIPMENT LAYOUT
 SCALE: 3/8"=1'-0" (9/16"=5/8" IF 11 X 17 SHEET SIZE)



2 NEW EQUIPMENT LAYOUT
 SCALE: 3/8"=1'-0" (9/16"=5/8" IF 11 X 17 SHEET SIZE)

EXISTING CHIMNEY
 EXISTING T-MOBILE
 COAX CABLES TO
 REMAIN IN PLACE

EXISTING PARAPET WALL
 SUPPORTING ANGLE

EXISTING T-MOBILE STEEL PLATFORM
 WITH EXISTING NEW EQUIPMENT

CLEARANCE REQUIREMENT FOR HP
 LARGE 3 SSC FILTERS REPLACEMENT
 SPACE RESERVED FOR EXPANSION
 CABINET

AS-17-21
 OVP

EXISTING T-MOBILE ANTENNA TO BE
 RELOCATED TO NEW T-MOBILE TOWER
 ON NEW FIBER JUNCTION BOXES TO BE
 MOUNTED ON NEW T-MOBILE TOWER
 TO INSTALL IN NEW HP BOTTOM FIBER
 JUMPERS FROM OVP TO HP LARGE 3 SSC
 NEW FIBER & POWER PULL BOX TO BE
 MOUNTED ON NEW T-MOBILE TOWER
 UNITS: (1) NEW HP LARGE 3 SSC
 SCALDISTS FROM NEW PULL BOX TO
 EACH OVP FOR HP POWER AND FIBER

EXISTING STAIRS W/
 HANDRAIL

NEW T-MOBILE HP LARGE 3 POWER
 SITE SUPPORT CABINET W/ PLINTH
 ACCESS STAIRS FOR REAR
 HATCH ACCESS

SSC IS UNSTRUCTURED FOR REAR
 HATCH ACCESS

(1) RELOCATED ALARM BOX
 (1) RELOCATED FPM,
 (1) NEW ASK (1) NEW ASK (1) NEW ASK
 (1) ASK (1) ASK (1) ASK (1) ASK
 TO BE INSTALLED INSIDE NEW HP LARGE 3
 SSC; GC TO REVERSE FPM FANS BEFORE
 INSTALL LINE IN THE HP LARGE 3 SSC

EXISTING JUNCTION BOX
 EXISTING POWER DISCONNECT
 EXISTING TRANSFORMER

EXISTING T-MOBILE PFC TO REMAIN, GC TO
 REPLACE EXISTING 10AMP SSC FEEDER
 INSIDE EXISTING PFC FOR NEW HP LARGE 3
 SSC INSTALLATION.

EXISTING LIGHT
 EXISTING PFC AS FIBER
 CABLE TO REMAIN

EXISTING GPS ANTENNA
 EXISTING HANDRAIL
 EXISTING BUILDING
 PARAPET WALL

NEW LAKXIA TO
 BE INSTALLED
 INSIDE NEW HP
 LARGE 3 SSC
 CABINETS (TYP)

BATTERY 3
 CABINET W/ PLINTH

EXISTING 4 STORY
 BRICK BUILDING
 ROOFTOP

T-Mobile
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 MAIN: (847) 604-5300

concordia
 PROFESSIONAL DESIGNER FROM LICENSE # 14000032
 341 N. MARY QD. UNIT 505
 CHICAGO, ILLINOIS 60610
 DATE: 09/18/2021

DRAWN BY: SHK CHECKED BY: OMB
 CHECKED BY: SHK REGISTERED BY: OMB

STATE OF ILLINOIS
 PROFESSIONAL ENGINEER
 HABIL R. FAXBODDIPATI
 8377
 ST. CHARLES

CH72254D
 OPS TILDEN
 4747 S UNION AVE
 CHICAGO, IL 60609

EXISTING & PROPOSED
 ENLARGED EQUIPMENT
 LAYOUT

A-1A
 AS-17-21
 1/16

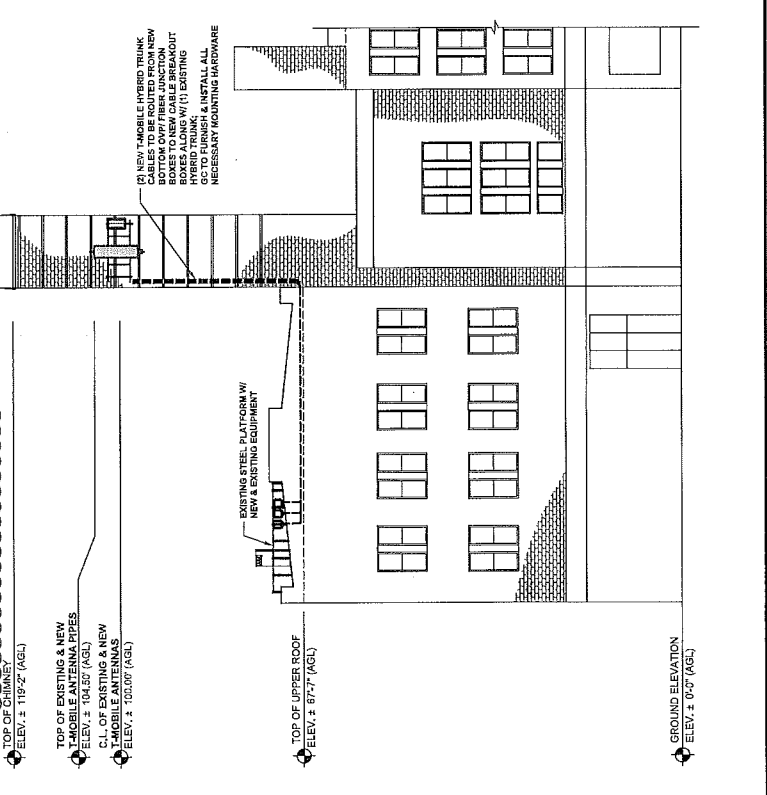
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CONCLUSIONS/RECOMMENDED MAINTENANCE ACTIONS PER CHIMNEY INSPECTION REPORT COMPLETED BY BERNASH CONSULTING, INC. DATED ON 11/22/16

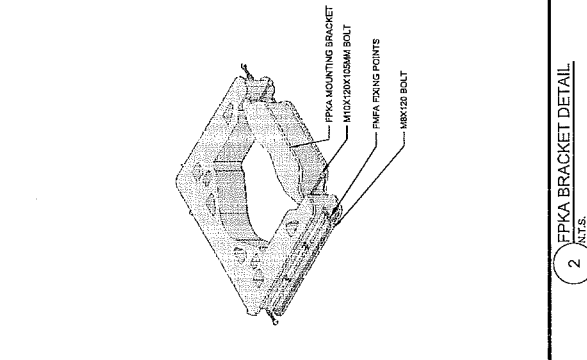
NOTE: ITEM #1 BELOW NEEDS ONLY BE COMPLETED IF THE FULL WALL THICKNESS OF 16" BETWEEN THE EXISTING ANTENNA AND THE PROPOSED NEW ANTENNA. SHOULD THE REDUCED WALL THICKNESS OF 11" BETWEEN THE 100" AND 121" LEVELS BE SUPPORTIVE TO THE ANTENNA INSTALLATION, THE REDUCED WALL THICKNESS OF 11" BETWEEN THE 100" AND 121" LEVELS IS NOT REQUIRED.

1. QUOTE THE INTERIOR OF THE UPPER STRUCTURAL WALL OF GUNITE (CALCULUM ALUMINATE MATERIAL) TO THE UPPER 1ST THICK REGION. ALL RECESSED MORTAR JOINTS SHOULD BE FILLED AND REGIONS OF SPALLED OR DISINTEGRATED BRICK FACES FILLED WITH GUNITE PRIOR TO INSTALLING THE GUNITE.

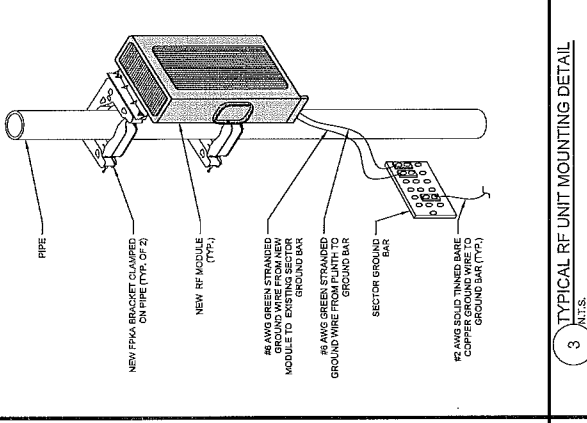
2. BASED ON STRUCTURAL CALCULATIONS PREPARED BY CONCORDIA WIRELESS, INC. DATED 08/01/21 AND BERNASH CONSULTING, INC. DATED 11/22/16, THE FOLLOWING RECOMMENDED MAINTENANCE ACTIONS ITEM #1 ARE REQUIRED PRIOR TO THE PROPOSED ANTENNA INSTALLATION. CHIMNEY REDUCED WALL THICKNESS OF 11" BETWEEN THE 100" AND 121" LEVELS IS NOT REQUIRED. THE REDUCED WALL THICKNESS OF 11" BETWEEN THE 100" AND 121" LEVELS IS NOT REQUIRED.



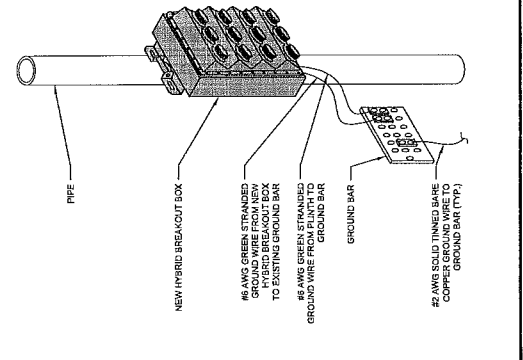
1 BUILDING ELEVATION
 SCALE: 3/32" = 1'-0" (3/32" = 2'-0" IF 1/4" X 11" SHEET SIZE)



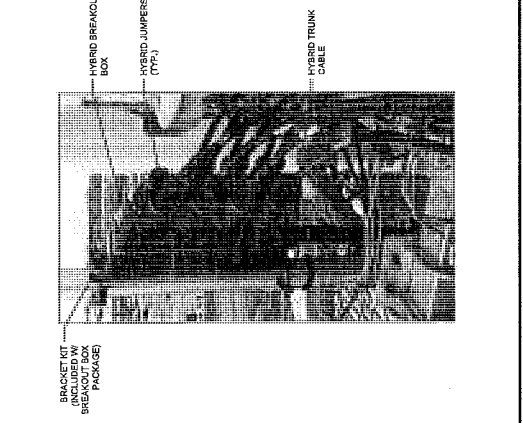
2 FPKA BRACKET DETAIL
 N.T.S.



3 TYPICAL RF UNIT MOUNTING DETAIL
 N.T.S.



4 TYPICAL MOUNTING DETAILS
 N.T.S.



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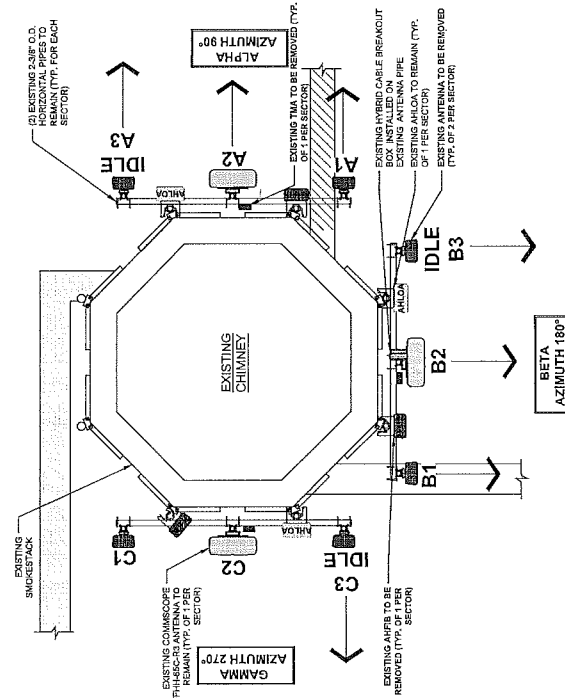
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 CHECKED BY: JHJ SUPERSEDED BY: DMG

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 CPS TILDBN
 4747 S UNION AVE
 CHICAGO, IL 60609

A-2
 06-17-21
 C/VG

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LEGEND	
	EXISTING ANTENNA TO BE REMOVED
	EXISTING ANTENNA TO REMAIN
	EXISTING HYBRID CABLE BREAKOUT BOX TO REMAIN
	EXISTING AHLOA TO REMAIN
	EXISTING AHFB TO BE REMOVED
	EXISTING TMA TO BE REMOVED

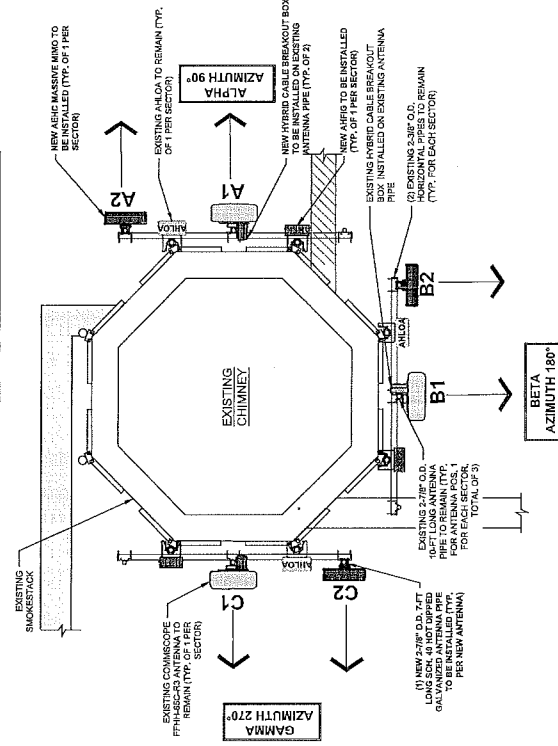


1 EXISTING T-MOBILE ANTENNA CONFIGURATION
 SCALE: 3/8\"/>

LEGEND	
	EXISTING ANTENNA
	EXISTING AHLOA
	NEW HYBRID CABLE BREAKOUT BOX
	NEW AEHC MASSIVE MIMO ANTENNA
	NEW AHFIG

NOTE: ALL PROPOSED MASSIVE MIMO ANTENNA EQUIPMENT FRAMES, CABLE TRAYS AND CONDUITS THAT ARE VISIBLE FROM GROUND SHOULD BE PAINTED TO MATCH THE ADJACENT MASONRY.

NOTE: REFER TO FINAL PDS FOR AZIMUTHS. ALL ANTENNA POSITIONS AS SHOWN BELOW ARE TO BE INSTALLED ON EXISTING STRUCTURE. REFER TO THE ADJACENT MASONRY FOR STRUCTURAL REASONS.



2 NEW T-MOBILE ANTENNA CONFIGURATION
 SCALE: 3/8\"/>

 T-MOBILE 1400 OPUS PLACE DOWNERS GROVE, IL 60515 MAIN: (773) 444-5400	 TELECOM SERVICES LCC TELECOM SERVICES, LLC 100 W. WASHINGTON, SUITE 240 ROSEMONT, IL 60018 MAIN: (847) 608-5300	 concordia PROFESSIONAL DESIGN FIRM LICENSE # 14-00885 35 E. RANDY RD. UNIT 101 CAROL STREAM, IL 60581 MAIN: (815) 977-1800	DRAWN BY: SJK CHECKED BY: OMS PREPARED BY: OMS		CH72254D CPS TILDEN 4747 S UNION AVE CHICAGO, IL 60609	EXISTING & PROPOSED ANTENNA PLANS	A-2A
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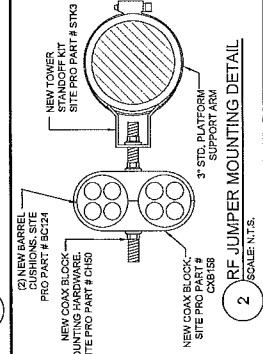
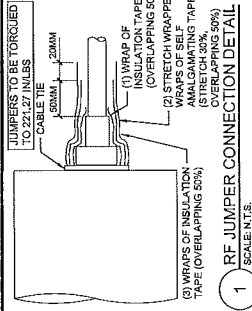
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FINAL ANTENNA AND CABLE SCHEDULE

SECTOR	POS.	AZIMUTH	RAD CENTER	TECHNOLOGY	MECHANICAL TILT	ELECTRICAL TILT	ANTENNA	STATUS	RRU TYPE	RF JUMPER LENGTH	SECTOR FIBER JUNCTION BOXES	HCS FACTORY LENGTH	BASE FIBER JUNCTION BOXES	FIBER JUMPERS FACTORY LENGTH
ALPHA	A2	90°	100'	L2500/ N2500	T.B.D.	T.B.D.	AEHC (ACTIVE ANTENNA - MASSIVE MIMO)	NEW	-	-	(1) NEW BREAKOUT BOX TO BE INSTALLED	(1) NEW HCS 2.0 160' HYBRID TRUNK CABLE TO BE INSTALLED	(1) NEW TOWER O/P/JUNCTION BOX TO BE INSTALLED	15'
	A1	90°	100'	L700/ L600/ N600/ G1900/ U1900/ L1900/ L2100	T.B.D.	T.B.D.	COMMSCOPE FFHH-65C-R3 (OCTO)	EXISTING	(1) EXISTING AHLOA & (1) NEW AHFIG	≤ 15'-0"	(1) EXISTING BREAKOUT BOX TO BE INSTALLED	(1) EXISTING HCS 2.0 150' HYBRID TRUNK CABLE	(1) EXISTING TOWER O/P/JUNCTION BOX	(2) 15'
	B2	180°	100'	L2500/ N2500	T.B.D.	T.B.D.	AEHC (ACTIVE ANTENNA - MASSIVE MIMO)	NEW	-	-	(1) EXISTING BREAKOUT BOX	(1) EXISTING HCS 2.0 150' HYBRID TRUNK CABLE	(1) EXISTING TOWER O/P/JUNCTION BOX	15'
BETA	B1	180°	100'	L700/ L600/ N600/ G1900/ U1900/ L1900/ L2100	T.B.D.	T.B.D.	COMMSCOPE FFHH-65C-R3 (OCTO)	EXISTING	(1) EXISTING AHLOA & (1) NEW AHFIG	≤ 15'-0"	(1) EXISTING BREAKOUT BOX TO BE INSTALLED	(1) NEW HCS 2.0 150' HYBRID TRUNK CABLE TO BE INSTALLED	(1) NEW TOWER O/P/JUNCTION BOX TO BE INSTALLED	(2) 15'
	C2	270°	100'	L2500/ N2500	T.B.D.	T.B.D.	AEHC (ACTIVE ANTENNA - MASSIVE MIMO)	NEW	-	-	(1) NEW BREAKOUT BOX TO BE INSTALLED	(1) NEW HCS 2.0 150' HYBRID TRUNK CABLE TO BE INSTALLED	(1) NEW TOWER O/P/JUNCTION BOX TO BE INSTALLED	15'
GAMMA	C1	270°	100'	L700/ L600/ N600/ G1900/ U1900/ L1900/ L2100	T.B.D.	T.B.D.	COMMSCOPE FFHH-65C-R3 (OCTO)	EXISTING	(1) EXISTING AHLOA & (1) NEW AHFIG	≤ 15'-0"	(1) EXISTING BREAKOUT BOX TO BE INSTALLED	(1) NEW HCS 2.0 150' HYBRID TRUNK CABLE TO BE INSTALLED	(1) NEW TOWER O/P/JUNCTION BOX TO BE INSTALLED	(2) 15'

(*) SHARED EQUIPMENT

IMPORTANT NOTE: PLEASE REFER TO LATEST RFDS SHEET FOR NSN CONFIGURATION, GC TO CAP ALL UNUSED PORTS.

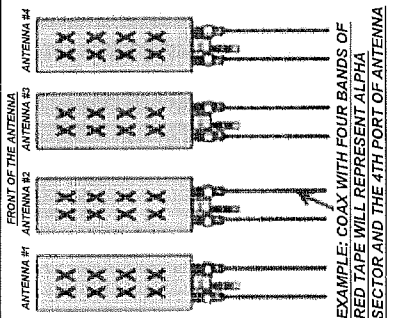


COAX COLOR CODING

ANTENNAS WILL BE LABELED (BACK OF ANTENNA VIEW) RIGHT TO LEFT AS FOLLOWS:

- COAX LABEL LINES WILL BE IDENTIFIED BY SECTOR/COLOR AND BY NUMBER OF BANDS AROUND THE COAX/JUMPER

SECTOR A	SECTOR B	SECTOR C	SECTOR D	SECTOR E	SECTOR F	LMU	FIBER ID	UNUSED COAX	MICROWAVE	DUE T-HS / CPS	DOWNLINK CABLE	ID W/LABEL MAKER
			YELLOW	WHITE								



- ANTENNA AND COAXIAL CABLE SCHEDULE
- ALL ANTENNAS SHALL BE FURNISHED WITH DOWNTILT BRACKETS. CONTRACTOR SHALL COORDINATE REQUIRED MECHANICAL DOWNTILT FOR EACH ANTENNA WITH RF ENGINEER. ANTENNA DOWNTILT SHALL BE FACT VERIFIED BY A SMART LEVEL.
 - CONTRACTOR SHALL INSTALL COLOR CODE RINGS ON EACH OF THE HYBRID CABLES AND JUMPER CABLES. THESE RINGS SHALL BE IDENTIFIED WITH 2" COLOR TAPE OR STENCIL. (NO COLOR TAPE MAY BE OBTAINED FROM GRAYBAR ELECTRONICS.)
- 3 TAGGING COLOR AND NOTES
SCALE: N.T.S.

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 211 W. WASHINGTON ST., SUITE 1000
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 CHECKED BY: GMS
 CHECKED BY: GMS

STATE OF ILLINOIS
 NABI R. FARROODIN
 9377
 ST. CHARLES
 PROFESSIONAL ENGINEER

CH72254D
 CPS TILDEN
 4747 S UNION AVE
 CHICAGO, IL 60609

ANTENNA &
 CABLE SCHEDULE

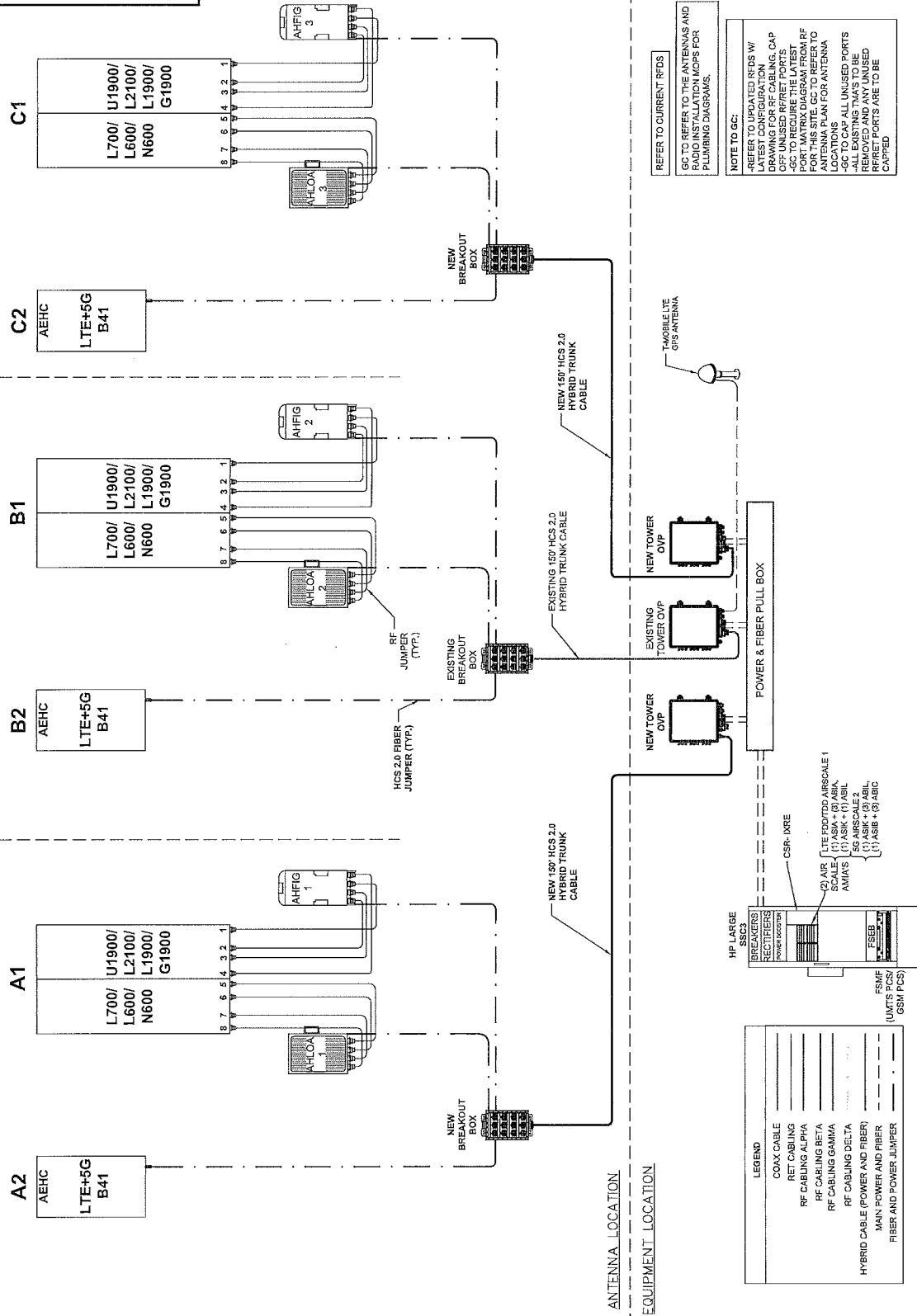
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ALPHA SECTOR

BETA SECTOR

GAMMA SECTOR



1 RFDS DIAGRAM
 SCALE: N.T.S.

 T-MOBILE 1400 OPUS PLACE DOWNERS GROVE, IL 60515 MAIN: (773) 444-9600	 TELECOM SERVICES LLC TELECOM SERVICES, LLC 100 WEST WASHINGTON, SUITE 240 ROSEMONT, IL 60018 MAIN: (847) 608-6300	 concordia 365 BANYAN DRIVE, SUITE 101 CAROL STREAM, IL 60588 MAIN: (847) 981-0061 PROFESSIONAL DESIGNER LICENSE # 16-000992	DRAWN BY: SHK CHECKED BY: DMG DESIGNED BY: DMG CHECKED BY: SHK REGISTERED B/E/C/M	 HABI R. FAKROODINI 871 CHASE ST. CHARLES, IL 62253	CH72254D OPS TILDEN 4747 S UNION AVE CHICAGO, IL 60609	RFDS DIAGRAM	A-3A
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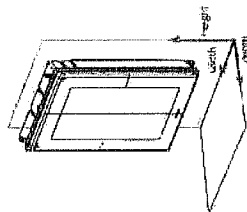
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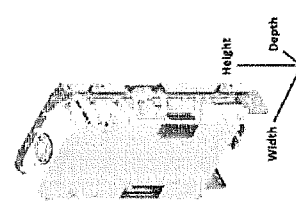
PRODUCT DESCRIPTION

Band	B41 - 2496-2690 MHz
Supported Modulation schemes	(DL) BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM; (UL) BPSK, QPSK, 16 QAM, 64 QAM
No. of TX/RX	64TX64RX
MIMO Streams	16
Instantaneous BW	194 MHz
Occupied Bandwidth (OBW)	190 MHz
Total Avg EIRP	74.5 dBm
Supported bandwidths	LTE-3x20 MHz 5G-40/60/80/100MHz
Output Power	5 W / TRX (30W total), 1 W/MHz up to 160 MHz)
Power Consumption	31380 W typical (75% DL duty cycle, 30% RF load) 51527 W max (75% DL duty cycle, 100% RF load)
Optical Ports	4 x SFP28 (OC7S), 25 Gbps, eCPRI
Connector Type	APPG DC Pole connector
Dimensions (H x W x D)	36.2 in x 21.5 in x 5.9 in
Weight lbs	108.0 lb
HW/SW Availability	59AN20C/5G20B
5G NR Support	YES
Material/Description	Nokia AirScale MAA 64T64R 192AE B41 320W AEHC AEHC475124A

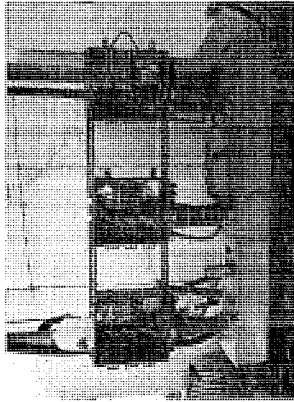
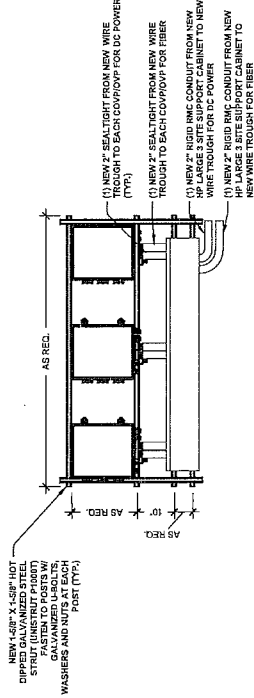


PRODUCT DESCRIPTION

Band	B25 + B56
Instantaneous BW (DL/UL)	65MHz on Band 25, 80MHz on Band 66
Supported Modulation schemes	up to 64QAM (UL) and up to 256QAM (DL)
Supported bandwidths	LTE 1.4,3.5,10,15,20 MHz
No. of ports	4T4R
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 9.8Gbps CPRI, R2CT IP seal
RF Connector	4.3-10+
AISG	AISG on all ports, DC on ANT1 and ANT3
Dimensions (H x W x D) in	27.3 x 12.1 x 5.2
Weight lbs	70.5 without cover
HW/SW Availability	Available now - 59AN19A
5G NR Support	YES
NB-IoT Support	YES (in band, guardband, standalone)



COV/OVP UNISTRUTS FRAME ELEVATION DETAIL



T-Mobile
T-MOBILE
1400 OLUS PLACE
DOWNERS GROVE, IL 60515
JANU (708) 944-9388

IC C
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ICC TELECOM SERVICES, LLC
100 W. 30TH ST. SUITE 240
ROSEMONT, IL 60018
MAIN: (847) 698-6300

Concordia
361 RANDOLPH UNIT 01
DANIEL STRONG, L.P. 818
DANIEL STRONG
PROFESSIONAL DESIGN FIRM LICENSE # 194-09082

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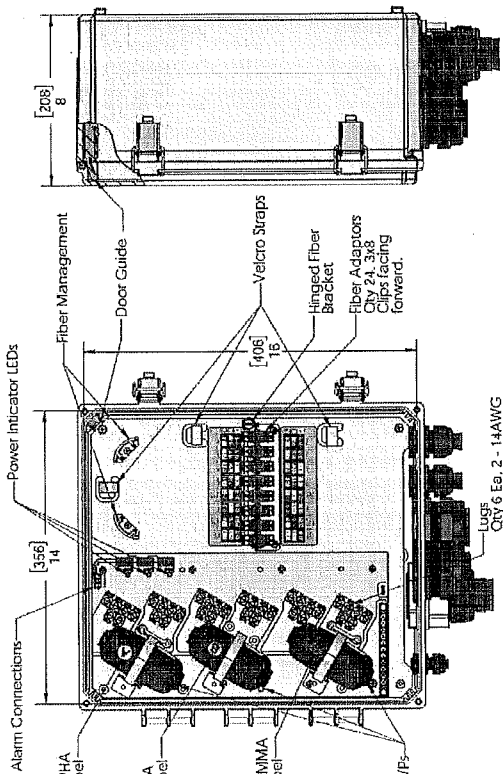
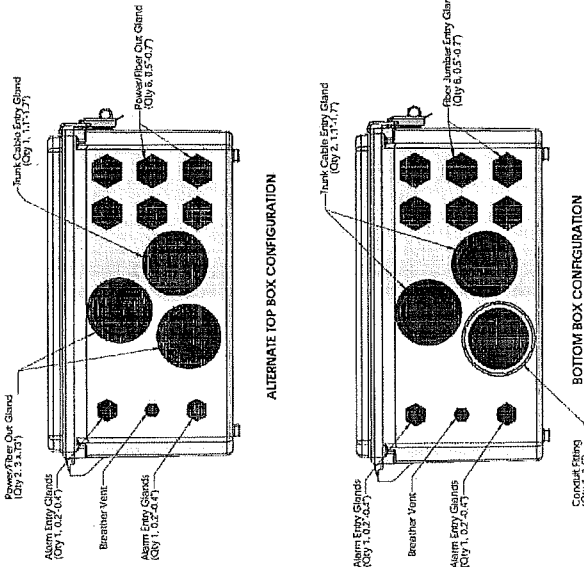
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3377
ST. CHARLES
LICENSED PROFESSIONAL ENGINEER
NO. 062-000000

CH72254D
OPS TILDEN
4747 S UNION AVE
CHICAGO, IL 60609

NEW EQUIPMENT
SPECIFICATIONS

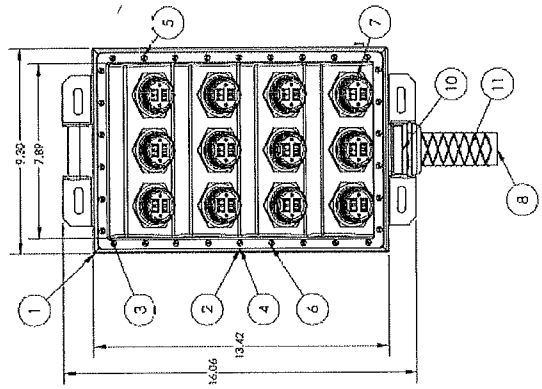
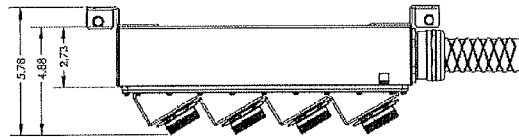
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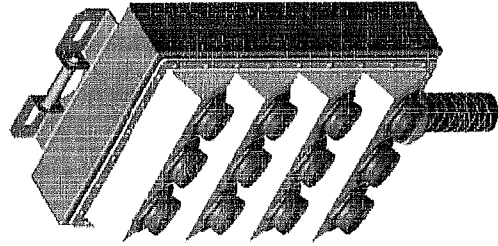
RTMDC-5634-PF-48 TOWER OVP/FIBER JUNCTION BOX

NOTE:
 1. TOTAL VOLUME IS MAX 480.6 CUBIC INCH.



HYBRID CABLE HIGH-CAP BREAKOUT BOX

ITEM NO.	PART NUMBER	DESCRIPTION	AC-DIST08-4IP-SHIP/QT.
1	AC-DIST08-24IP-DC	IP SHEET METAL BOX	1
2	AC-ORT02-FB-HICAP	GASKET EPDM	1
3	AC-FB-FRONT-4STEP-3CON	HYBRID MODULE INCLINE MOUNT THERMO SHELL	1
4	AC-STRO5-HICAP	METAL O-RING	1
5	Regular LW O.125	WASHER	30
6	3GMRB06058	TAMPARED PROOF #6-32 SCREW	30
7	CE-97085C-101 106 W/LC	JAW NUT RECEPTACLE	12
8	ASUP325TYR02	HYBRID CABLE HICAP	1
9	6003428	LOCKNUT FOR CABLE GLAND	1
10	4220342	CABLE GLAND	1
11	HOIST GRIP	CABLE HOIST GRIP	1

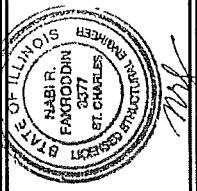


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 10700 W. HIGGINS RD, SUITE 240
 NILES, IL 60541
 MAIN: (847) 504-8300

oncordia
 PROFESSIONAL DESIGN FIRM LICENSE # 184-00002
 CAROL STRASSER, P.E.
 400 N. LAUREL ST. SUITE 200
 CHICAGO, IL 60610

DRAWN BY: SHK
 CHECKED BY: OMS
 CHECKED BY: OMS



CH722540
 OPS TILDEN
 4747 S UNION AVE
 CHICAGO, IL 60609

NEW EQUIPMENT
 SPECIFICATIONS

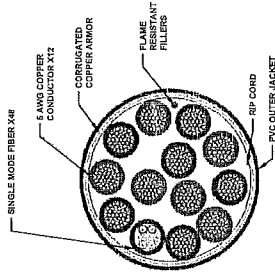
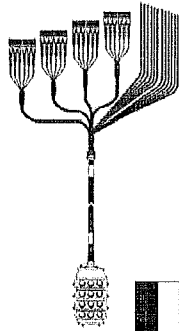
A-4B

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 DocuSign Envelope ID: 15F4B0F1-491E-435E-A423-04DC6106652F

HybridConnect

NWS-HCS2-HC4-XXX
 HCS 2.0 Trunk HiCap 12 RRU 12X 4AWG

General Specifications	
Normal OD	1.750 in (44.21 mm)
Cable Weight	2.480 lb/mi (3993 kg/km)
Jacket Color	Black
Minimum Bend Radius Installed	18.2"
DC Cable Specifications	
DC Pairs	0
DC Conductor Size	4 AWG
DC Resistance: Maximum	0.254 Ohms / 1000 ft
Breakout Length: End 1	31 in (775 mm)
Breakout Length: End 2	Noted Enclosure
Product Ordering	
Part Number	Description
NWS-HCS2-HC4-250	HCS 2.0 Trunk HiCap 12 RRU 12X4AWG 250 FT
NWS-HCS2-HC4-275	HCS 2.0 Trunk HiCap 12 RRU 12X4AWG 275 FT
NWS-HCS2-HC4-300	HCS 2.0 Trunk HiCap 12 RRU 12X4AWG 300 FT
NWS-HCS2-HC4-325	HCS 2.0 Trunk HiCap 12 RRU 12X4AWG 325 FT
NWS-HCS2-HC4-350	HCS 2.0 Trunk HiCap 12 RRU 12X4AWG 350 FT
NWS-HCS2-HC4-375	HCS 2.0 Trunk HiCap 12 RRU 12X4AWG 375 FT
NWS-HCS2-HC4-400	HCS 2.0 Trunk HiCap 12 RRU 12X4AWG 400 FT
NWS-HCS2-HC4-425	HCS 2.0 Trunk HiCap 12 RRU 12X4AWG 425 FT
NWS-HCS2-HC4-450	HCS 2.0 Trunk HiCap 12 RRU 12X4AWG 450 FT

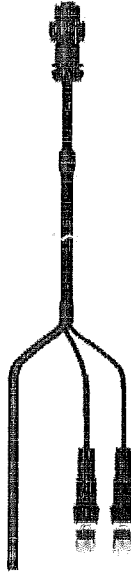


1 NEW HCS 2.0 TRUNK
 N.T.S.

COMMSCOPE

HFT410-ASNOK2-150
 HELIAX® FiberFeed®
 Hybrid Cable Assembly, HQLC

End 1: 4 fibers terminated DLC for Nokia RRU with flush cut power cord/red/black conductors. End 2: 4 fibers terminated LC and 4X10 AWG conductors terminated at hybrid trunk connector. 15 ft

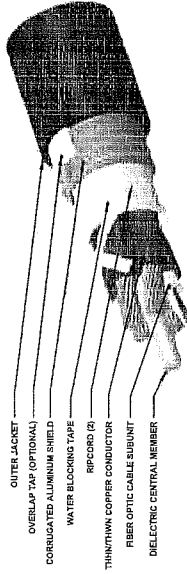


Dimensions

Property	Value
Cord Length	4.57m (14.993 ft)
Diameter Over Jacket	18.27mm (0.721 in)
Center Conductor Gauge	10 AWG
Minimum Bend Radius	22.1mm (8.701 in)

HTC-4SM-410-APVA
 HELIAX® FiberFeed®
 Hybrid cable, UL Type TC-OF-ER

COMMSCOPE



Properties

Description	Value
Buffer Tube/Subunit Diameter	3.556 mm (0.14 in)
Diameter Over Jacket	18.288 mm (0.721 in)
Center Conductor Gauge	10 AWG
Minimum Bend Radius, multiple bends loaded	385.78 mm (14.4 in)
Minimum Bend Radius, multiple bends unloaded	220.98 mm (8.7 in)
Minimum Bend Radius, multiple bends loaded	127 mm (5 in)
Cable weight	456.123kg/km (306.5/ft)

2 NEW HYBRID JUMPER
 N.T.S.

T-Mobile
 T-MOBILE
 1400 OPUS PLACE
 DOWNERS GROVE, IL 60515
 MAIN (773) 844-5600

TELECOM SERVICES
 LCC TELECOM SERVICES, LLC
 1000 W. STATE ST., SUITE 240
 ROSEMONT, IL 60018
 MAIN: (630) 688-9300

concordia
 33 BANCROFT AVE. SUITE 101
 CHICAGO, ILLINOIS 60618
 MAIN (877) 81-0821
 PROFESSIONAL DESIGNER LICENSE # 164-04982

DRAWN BY: BJK
 CHECKED BY: GMS
 DESIGNED BY: GMS

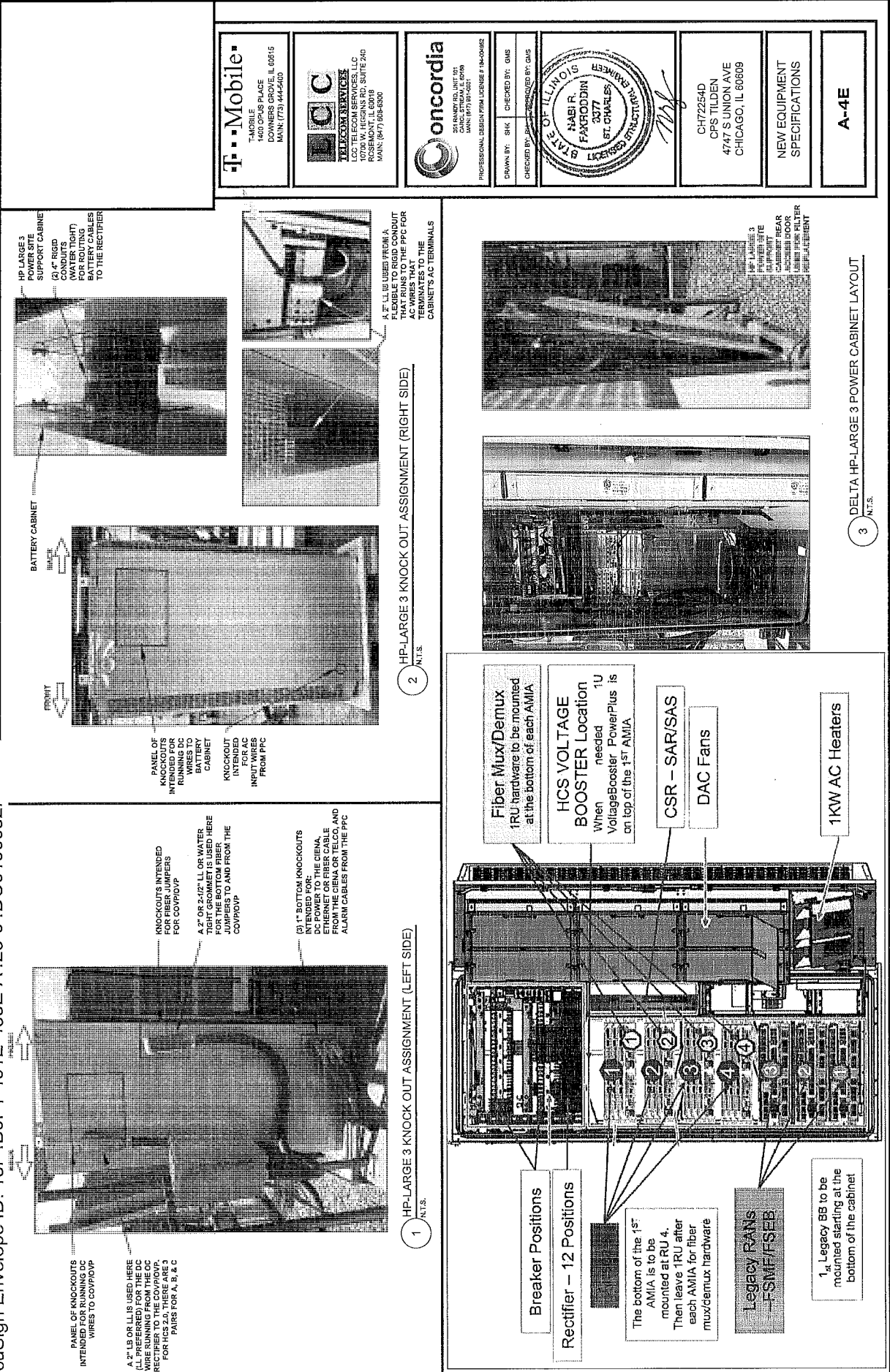


CH72294D
 OPS TILDEN
 4747 S UNION AVE
 CHICAGO, IL 60609

NEW EQUIPMENT
 SPECIFICATIONS

A-4C

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 DocuSign Envelope ID: 15F4B0F1-491E-435E-A423-04DC6106652F



HP-LARGE 3 POWER SITE SUPPORT CABINE (3/4\" RIGID CONDUITS (WATER TIGHT) FOR ROUTING CABLES TO THE RECTIFIER

BATTERY CABINET

PROPERTY

T-Mobile

T-MOBILE
1400 OPUS PLACE
DOWNERS GROVE, IL 60515
MAIN: (773) 444-5000

TALKROOM SERVICES

LCC TELECOM SERVICES, LLC
10708 W. HEGONS RD., SUITE 240
MUNSTER, IL 60089
MAIN: (847) 664-6300

concordia

PROFESSIONAL DESIGN FIRM LICENSE # 184-00062
CONCORDIA DESIGN FIRM, INC.
2000 S. STANLEY AVE., SUITE 200
MUNSTER, IL 60089
PHONE: (847) 891-0021

DRAWN BY: SIK
CHECKED BY: GMS

CHECKED BY: SIK

STATE OF ILLINOIS
NABIR. LOUIS
FAYRODDIN
3077
ST. CHARLES
PROFESSIONAL ENGINEER

CH722540
CPS TILDEN
4747 S UNION AVE
CHICAGO, IL 60609

NEW EQUIPMENT SPECIFICATIONS

A-4E

3 DELTA HP-LARGE 3 POWER CABINET LAYOUT
N.T.S.

2 HP-LARGE 3 KNOCK OUT ASSIGNMENT (RIGHT SIDE)
N.T.S.

1 HP-LARGE 3 KNOCK OUT ASSIGNMENT (LEFT SIDE)
N.T.S.

A 2\"/>

HP-LARGE 3 POWER SITE SUPPORT CABINE (3/4\" RIGID CONDUITS (WATER TIGHT) FOR ROUTING CABLES TO THE RECTIFIER

The bottom of the 1st AMIA is to be mounted at RU 4. Then leave 1RU after each AMIA for fiber mux/demux hardware

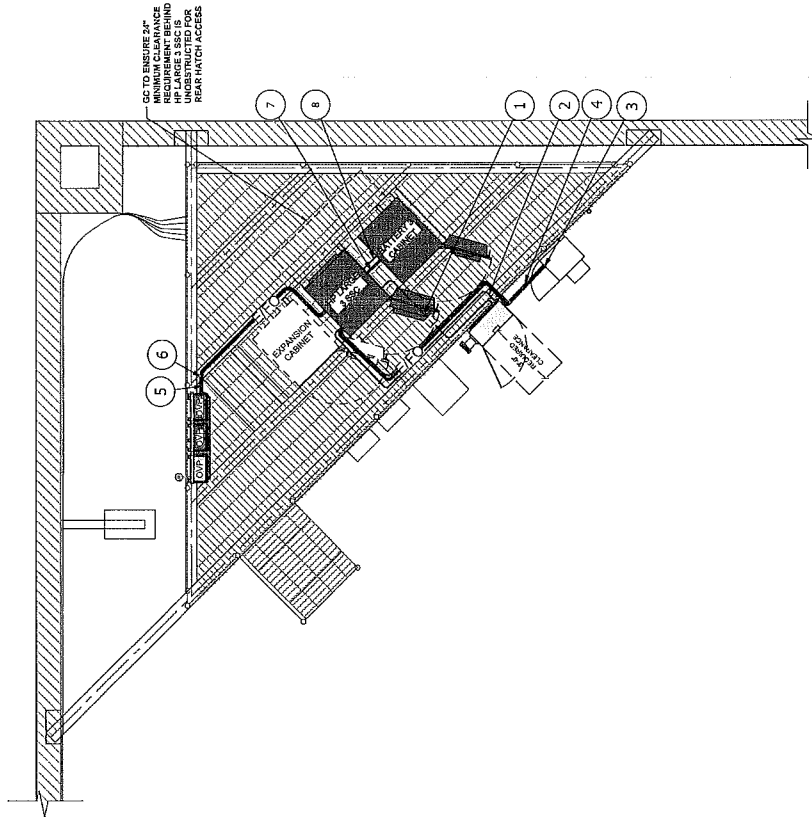
1. Legacy BB to be mounted starting at the bottom of the cabinet

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DocuSign Envelope ID: 15F4B0F1-491E-435E-A423-04DC6106652F

CONDUIT LEGEND

- FO — FIBER OPTIC CONDUIT
- E — ELECTRIC CONDUIT



EQUIPMENT LEGEND

- NEW EQUIPMENT
- EXISTING EQUIPMENT TO BE REMOVED
- EXISTING EQUIPMENT TO BE RELOCATED
- EXISTING EQUIPMENT TO REMAIN

1 PROPOSED EQUIPMENT LAYOUT

SCALE: 1/8"=1'-0" (1/8"=2'-0" IF 11 X 17 SHEET SIZE)

NO.	FROM	TO	WIRE QTY. & TYPE	GROUND	CONDUIT SIZE	FUNCTION	APPROXIMATE CONDUIT LENGTH
1	PFC	HP LARGE 3 SSC (FOR PSEU)	(2) 3/4" (2) #12	(1) #12 (1) #12	2" RIGID RMC W/ 2" THREADED ILL TYPE TO BE CONNECTED ON FRONT 2" KNOCKOUT OF SSC	ELECTRIC CONDUIT (POWER FOR 2" RIGID RMC OUTLET)	23'
2	PFC	HP LARGE 3 SSC (FOR PSEU)	1 PAIR DF BELDEN 27916A #18 AWG	N/A	1" RIGID RMC	ELECTRIC CONDUIT	23'
3	FIBER RACK24	HP LARGE 3 SSC	(1) CAT-6 CABLE	N/A	1" RIGID RMC	FIBER CONDUIT	23'
4	FIBER RACK24	HP LARGE 3 SSC	(2) #12	(1) #6	1" RIGID RMC	ELECTRIC CONDUIT	23'
5	HP LARGE 3 SSC	FIBER & PULL BOX	3 PAIRS DF #2	N/A	2" RIGID RMC	ELECTRIC CONDUIT	#18
6	HP LARGE 3 SSC	FIBER & PULL BOX	6FS CABLE, 6FS ALARM WIRE & FIBER	N/A	2" RIGID RMC	TELCO CONDUIT	#18
7	HP LARGE 3 SSC	BATTERY 3 CABINET	(2) CAT-5 CABLES	N/A	4" RIGID RMC	TELCO CONDUIT (FOR BATTERY ALARM)	41'
8	HP LARGE 3 SSC	BATTERY 3 CABINET	4 PAIRS OF 40 TELCO FLEX CABLES, (2) #12 & (2) #12	(1) #10	4" RIGID RMC	ELECTRIC CONDUIT	41'

NOTE: THE CONDUIT LENGTH GIVEN IS BASED ON THE DRAWING *USA, THE EXACT LENGTH TO BE VERIFIED IN FIELD. GO TO VERIFY LENGTHS AFTER COORDINATING WITH SERVICE UTILITY COMPANIES.

IMPORTANT NOTE:
ALL UNSTRUT, FASTENERS, HARDWARE, ETC. ARE TO BE EITHER HOT-DIPPED GALVANIZED OR GALVANNEAL. ALL WELDS SHALL NOT USE ZINC PLATED OR PRE-GALVANIZED.

BIDDING & CONSTRUCTION NOTE:
WIRE SIZES SHOWN ARE ESTIMATED MINIMUMS. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND COMPLY WITH THE APPLICABLE LOCAL ELECTRICAL CODES, ORDINANCES, REGULATIONS, AND FOLLOW WHICHEVER IS MORE CONSERVATIVE. CONTRACTOR SHALL ESTIMATE PHASE CONDUCTOR SIZE & UTILIZE THE APPROPRIATE WIRE SIZE AND TYPE ASSUMING ALL ELECTRICAL LOADS ARE TO BE CONSTRUCTED WITH LOCAL ELECTRICAL INSPECTOR PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO CONSTRUCTION START.

T-Mobile
T-MOBILE
1400 OPTUS PLACE
DOWNERS GROVE, IL 60515
MAIN: (773) 444-8400

LCC
LCC TELECOM SERVICES, LLC
10700 W. HIGGINS RD., SUITE 240
CHICAGO, IL 60642
MAIN: (847) 606-8300

concordia
CONCORDIA DESIGN FIRM LICENSE # 194-06082
1000 S. MICHIGAN ST. SUITE 100
CHICAGO, IL 60605
MAIN: (312) 911-1001

DRAWN BY: SHK CHECKED BY: OAS
CHECKED BY: OAS

CH72254D
CPS TILDEN
4747 S UNION AVE
CHICAGO, IL 60609

UTILITY PLAN LAYOUT

E-1

EXHIBIT "B"**PAYMENTS**

TERM	ANNUAL LICENSE PAYMENTS
<p style="text-align: center;">1</p> <p>October 1, 2024 – September 30, 2025 October 1, 2025 – September 30, 2026 October 1, 2026 – September 30, 2027 October 1, 2027 – September 30, 2028 October 1, 2028 – September 30, 2029</p>	<p style="text-align: right;">70,000 70,000 70,000 70,000 70,000</p>
<p style="text-align: center;">2</p> <p>October 1, 2029 – September 30, 2030 October 1, 2030 – September 30, 2031 October 1, 2031 – September 30, 2032 October 1, 2032 – September 30, 2033 October 1, 2033 – September 30, 2034</p>	<p style="text-align: right;">80,500 80,500 80,500 80,500 80,500</p>
<p style="text-align: center;">3</p> <p>October 1, 2034 – September 30, 2035 October 1, 2035 – September 30, 2036 October 1, 2036 – September 30, 2037 October 1, 2037 – September 30, 2038 October 1, 2038 – September 30, 2039</p>	<p style="text-align: right;">92,575 92,575 92,575 92,575 92,575</p>
<p style="text-align: center;">4</p> <p>October 1, 2039 – September 30, 2040 October 1, 2040 – September 30, 2041 October 1, 2041 – September 30, 2042 October 1, 2042 – September 30, 2043 October 1, 2043 – September 30, 2044</p>	<p style="text-align: right;">106,461 106,461 106,461 106,461 106,461</p>