



AGENDA OF THE WATER COMMISSION

MONDAY, AUGUST 12, 2024, 8:30 AM

In person at the Green Bay Water Utility.

631 S Adams St

Virtual attendance is also available via Zoom.

A. Zoom Meeting Information.

1. Join Zoom Meeting Online:

<https://zoom.us/j/98284055918?pwd=eHBxaWkvN1J2a3N0RERUWkRsNjVkdUT09>

Or call in by phone: +1 312 626 6799

Meeting ID: 982 8405 5918

Passcode: 385002

If you wish to speak at this public meeting or leave a comment, please fill out the online [Comment Form](#) prior to the meeting. More detailed [Zoom Instructions](#) can be found online.

B. Roll Call.

1. Roll call for the Water Commission Meeting for August 12, 2024.

C. Approval of the Agenda.

1. Approval of the Water Commission Meeting Agenda for August 12, 2024.

D. Approval of Minutes.

1. Approval of the Water Commission Meeting Minutes for June 24, 2024.

E. Regular Business.

1. Introduction to new employee, Lauren Wojcik, Billing Assistant.
2. Donohue & Associates to Provide an Update on EV Charging Study

3. Review and Authorization for the General Manager to sign the Water Tower License Agreement with T-Mobile
4. Approval of the 2024 Strategic Planning Update.
5. Update on Pulaski's PSC construction docket hearings.
6. May and June 2024 Financial Report

F. Informational.

1. General Manager Update

G. Adjournment.

1. Motion to adjourn the Water Commission meeting of August 12, 2024.

- 1) ACCESSIBILITY: Any person wishing to attend who requires special accommodation because of a disability, should contact the City Safety Manager at 920-448-3125 at least 48 hours before the scheduled meeting time so that arrangements can be made.
- 2) QUORUM: Please take notice that a majority or quorum of the Common Council may attend this Water Commission meeting and will constitute a meeting of the Common Council for purposes of discussion and information gathering relative to this agenda.
- 3) REPRESENTATION: The party requesting the communication, or their representative, should be present at this meeting.



MINUTES OF THE WATER COMMISSION

MONDAY, JUNE 24, 2024, 8:30 AM

In person at the Green Bay Water Utility.

631 S Adams St

Virtual attendance is also available via Zoom.

A. ZOOM MEETING INFORMATION.

- I. Join Zoom Meeting Online:

<https://zoom.us/j/98284055918?pwd=eHBxaWkvNlJ2a3N0RERUWkRsNjVkUT09>

Or call in by phone: +1 312 626 6799

Meeting ID: 982 8405 5918

Passcode: 385002

If you wish to speak at this public meeting or leave a comment, please fill out the online [Comment Form](#) prior to the meeting. More detailed [Zoom Instructions](#) can be found online.

B. ROLL CALL.

- I. Roll call for the Water Commission Meeting for June 24, 2024.

On Monday, June 24, 2024, the Water Commission met in person and virtually via Zoom. President Heugel called the meeting to order at 8:30 a.m. Recording Secretary Beilke called the roll. Six voting commission members: President John Heugel (In Person), Vice President Jamie Wall (In Person), Secretary-Treasurer Tom Karman (In Person), Elizabeth Wheat (Virtually via Zoom) arrived at 8:33 a.m. during item EI., Al Farvour (Virtually via Zoom), and Lynn Gerlach (In Person).

Also present: Alder Bill Morgan (In Person, non-voting), Council Representative to the Water Commission, Attorney William Vande Castle (Virtually via Zoom), Jodi Dobson from Baker Tilly (Virtually via Zoom).

Staff present: Brian Powell, Doug Martin, Stephanie Rogers, Russ Hardwick, Jason Maes, Kristin Romanowicz, Jonathan Peters, Colleen Callahan, and Hailey Heath.

C. APPROVAL OF THE AGENDA.

1. Approval of the Water Commission Meeting Agenda for June 24, 2024.

Moved by Lynn Gerlach, seconded by Jamie Wall to approve the agenda. Voice vote being had, the motion passed unanimously.

D. APPROVAL OF MINUTES.

1. Approval of the Water Commission Meeting Minutes for May 13, 2024.

Moved by Jamie Wall, seconded by Thomas Karman to approve the minutes. Voice vote being had, the motion passed unanimously.

E. REGULAR BUSINESS.

1. Introduction to new employee, Hailey Heath, HR Generalist.

The Water Commission members welcomed Hailey Heath to the Green Bay Water Utility.

2. Approval of the 2023 Annual Comprehensive Financial Report; presentation by Baker Tilly.

Moved by Thomas Karman, seconded by Allen Favour to accept the 2023 Annual Comprehensive Financial Report. Voice vote being had, the motion passed unanimously.

3. April 2024 Financial Report

Moved by Jamie Wall, seconded by Lynn Gerlach to accept as presented. Voice vote being had, the motion passed unanimously.

4. Approval of the Amended and Restated Water Tower License Agreement with Verizon

Moved by Lynn Gerlach, seconded by Thomas Karman to approval the Amended and Restated Water Tower License Agreement with Verizon and authorization to execute the agreement. Voice vote being had, the motion passed unanimously.

5. Approval of the proposal to obtain Donohue & Associates to perform a high level PFAS Conceptual Treatment Study.

Moved by Jamie Wall, seconded by Thomas Karman to approve as presented. Voice vote being had, the motion passed unanimously.

6. Approval of the proposal to select the "Area A" option from the Lake Station Solar Options provided by Donohue & Associates.

Moved by Jamie Wall, seconded by Thomas Karman to approve as presented. Voice vote being had, the motion passed unanimously.

F. INFORMATIONAL.

- I. General Manager Update

General Manager Brian Powell provided the commission with updates on the following initiatives within our organization:

1. General Manager Powell will be giving a presentation on lead removal to the Wisconsin State Senate on July 9th.
2. Rate Case Update
3. CISA (Cybersecurity and Infrastructure Security Agency) Assessment
4. Strategic Planning Update
5. Workforce Report
 - a. Upcoming Changes
 1. Billing Assistant (Part-Time)

G. ADJOURNMENT.

- I. Motion to adjourn the Water Commission meeting of June 24, 2024.

Moved by Lynn Gerlach, seconded by Jamie Wall to adjourn. Voice vote being had, the motion passed unanimously.



Green Bay Water Commission

MEMORANDUM

DATE: August 12, 2024
TO: Green Bay Water Commission
FROM: General Manager Brian Powell
RE: EV Charging Study

Donohue & Associates will provide an update on the EV Charging Study. The study entailed reviewing our fleet, determining charger specifics, and assessing our current electrical system to determine the amount of capacity we have available. In other words, Donohue & Associates determined where to locate the charging stations, how many stations are needed and the size & type of stations. They also determined if we need to install an additional or extend our existing electrical service and what the cost of that would be.



Green Bay Water Commission

MEMORANDUM

DATE: August 12, 2024
TO: Green Bay Water Commission
FROM: General Manager Brian Powell and Operations Manager Doug Martin
RE: Review and Authorization for General Manager to sign the Water Tower License Agreement with T-Mobile

The Utility currently holds three lease/license agreements (AT&T, Verizon and T-Mobile) for communications facilities at its Huron Tank located at 720 South Huron Road. The Utility worked with Boardman Clark Law Firm to amend the AT&T agreement in 2021 and this served as the template for upcoming agreement amendments. The agreement with Verizon was finalized earlier this year and was approved by the Commission in June. The final tower lease agreement, with T-Mobile, has now completed negotiations and a finalized agreement is before the Commission for review and approval. All agreement language, easements, equipment, insurances and rent payment have been agreed to by both T-Mobile and Green Bay Water.

The new water tower license agreement with T-Mobile will bring the rent payment to \$37,324.80 starting on the effective date of the agreement with an annual rent escalator of 2 percent. The agreement length is five years and can be automatically extended for up to four additional five-year terms bringing the agreement to a total of 25 years. This provides the carrier a guaranteed location of operations while at the same time providing the Utility a strong rental income each year. In addition, as part of this agreement, T-Mobile will be moving its equipment currently located inside the base of the tank to an outside lease area located next to another carrier lease area.

The agreement is attached for Commission review and to ask any questions as you may wish. Upon review and discussion, the Commission is requested to provide authorization to sign the Water Tower License Agreement with T-Mobile.

WATER TOWER LICENSE AGREEMENT

This Water Tower License Agreement (“**Agreement**”) made as of the date of the last signature below (“**Effective Date**”) is between the is between the City of Green Bay, a municipal corporation acting in its capacity as a municipal water utility and whose utility office is located at 631 South Adams Street, Green Bay, WI 54305 (“**Green Bay**”), and T-Mobile Central LLC, a Delaware limited liability company (“**T-Mobile**” or “**Licensee**”), having a mailing address of 12920 SE 38th St. Bellevue, WA 98006. Green Bay and T-Mobile are collectively referred to as “**Parties**” and individually as “**Party**.”

RECITALS

- A. Green Bay owns property located at 720 South Huron Road, Green Bay, WI 54311 (“**Property**”) on which Green Bay maintains a water tower (“**Tower**”). The Property is further described in **Exhibit A** and depicted on the site survey in **Exhibit B**.
- B. Green Bay and Licensee’s affiliate, Sprint Spectrum Realty Company, LLC (formerly a limited partnership), successor in interest to Sprint Spectrum L.P., a Delaware limited partnership, successor in interest to Alamosa Wisconsin, LLC (formerly a limited partnership), a Delaware limited liability company are parties to a Tower/Land Lease Agreement dated June 20, 2001 (the “**Original Lease**”). The current term of the Lease expires on July 17, 2026.
- C. The Lease authorizes Licensee to place certain telecommunications equipment on the Tower and within the base of the Tower (collectively, the “**Existing Facilities**”).
- D. The Parties desire to terminate the Original Lease and replace it with this Agreement as of the Effective Date, which Agreement sets out the terms and conditions under which T-Mobile will relocate the Existing Facilities from inside the base of the Tower to a new Land Space (as defined in Section 1.3.1) outside the base of the Tower and add approved additional communications equipment (“**Additional Facilities**”) on the Tower and within the new Land Space pursuant to T-Mobile’s “**Initial Modification Project**,” as described in its Antenna Site Application attached as **Exhibit C** and the approved construction drawings attached as **Exhibit D**.

AGREEMENT

The Parties agree as follows:

ARTICLE 1: LICENSE GRANTED

- 1.1 As of the Effective Date, the Original Lease (along with any easements described therein) is hereby terminated and is replaced and superseded by this Agreement. From and after the

Effective Date, any rental payments received by Green Bay under the Original Lease shall be credited against the License Fee due and owing pursuant to this Agreement.

- 1.2 The Existing Facilities, Additional Facilities, and any additional or replacement facilities approved pursuant to Article 7 are collectively referred to as the “**Communications Facilities.**”
- 1.3 Subject to the provisions of this Agreement, Green Bay hereby grants T-Mobile:
 - 1.3.1 A license authorizing T-Mobile to install, maintain, upgrade, and operate its Communications Facilities within an approximately 300 square-foot portion of the Property (the “**Land Space**”). The Land Space is legally described on **Exhibit A** and depicted on the site survey in **Exhibit B.**
 - 1.3.2 A license authorizing T-Mobile to install, maintain, upgrade, and operate the Existing Facilities and Additional Facilities on the specific locations on the Tower as shown on the As-Built drawings required under Article 7 (“**Tower Space**”).
 - 1.3.3 The following temporary, non-exclusive “**Easements,**” which shall automatically terminate upon the termination or expiration of this Agreement: (i) a 12-foot-wide access easement allowing pedestrian and vehicular ingress and egress (“**Access Easement**”) and (ii) a 5-foot-wide antenna cable easement, an 8-foot-wide power easement, and an 8-foot-wide fiber easement for the underground installation and maintenance of utility wires, cables, conduits, and pipes (collectively, “**Utility Easements**”) in the locations on the Property more particularly described on **Exhibit A** and depicted on the site survey attached as **Exhibit B.**
- 1.4 The Tower Space and Land Space are collectively referred to as the “**Premises.**”
- 1.5 Notwithstanding the foregoing and the aspects of this Agreement as a license, this Agreement and the interests granted to T-Mobile hereunder are not terminable at will and may be only terminable under the terms of this Agreement.

ARTICLE 2: TERM

- 2.1 The “**Initial Term**” of this Agreement shall commence on the Effective Date and shall terminate on the fifth anniversary of the Effective Date.
- 2.2 Provided that T-Mobile is not then in default beyond all applicable notice, cure, and grace periods under this Agreement at the end of the Initial Term or any Renewal Term, this Agreement shall automatically be extended for four additional five-year terms (each a “**Renewal Term**”) unless T-Mobile notifies Green Bay in writing of its intention to terminate this Agreement at least 120 days prior to the expiration of the then-current Term, in which case the Agreement shall terminate at the end of the Term during which such notice is given.
- 2.3 Either Party may terminate this Agreement at the end of the fourth and final five-year Renewal Term by giving written notice to the other Party of its intention to terminate this Agreement at least 120 days prior to the expiration of the final Renewal Term. If neither

Party has given such a notice to the other Party, then this Agreement shall continue in force upon the same covenants, terms, and conditions until terminated by either Party by giving to the other Party at least one year's prior written notice of its intention to so terminate this Agreement.

- 2.4 The Initial Term, each Renewal Term, and all other extensions of this Agreement under Section 2.3 shall be referred to collectively as the “**Term.**”

ARTICLE 3: LICENSE FEE

3.1 License Fee.

3.1.1 Commencing on the first day of the month following the Effective Date (“**Commencement Date**”), the annual “**License Fee**” amount shall be **\$37,324.80**, payable in equal monthly installments of **\$3,110.40** in advance on or before the first day of each month. The License Fee for any partial month will be prorated, except that if the Effective Date falls on any day other than the first of the month, the License Fee for the partial month containing the Effective Date shall be the same as the monthly rent paid under the Original Lease. The first monthly installment of the License Fee shall be due within 30 days after the Commencement Date. Subsequent monthly installments of the License Fee shall be payable by the fifth day of each month during the Term.

3.1.2 During the entire Term, the annual License Fee amount shall increase two percent (**2%**) over the License Fee in effect the immediately preceding year. Such increase shall be made and adjusted on each anniversary of the Commencement Date.

3.1.3 The License Fee shall be paid by T-Mobile to Green Bay at Green Bay Water Utility, Attn: General Manager, P.O. Box 1210, Green Bay, WI 54305-1210 or to such other person, firm, or place as Green Bay may, from time to time, designate in writing at least 30 days in advance of any License Fee payment due date by notice given in accordance with Article 16 below.

- 3.2 Late Fee. In the event T-Mobile fails to pay any sums owed to Green Bay under this Agreement when due, T-Mobile shall pay to Green Bay a late fee on the total payment due of one percent (**1%**) per month.

ARTICLE 4: DISCLAIMERS

- 4.1 T-Mobile acknowledges and agrees that, in accepting this Agreement, Green Bay has made no representations or warranties, express or implied, regarding:

4.1.1 The physical condition of the Property, Premises, or Easements;

4.1.2 The suitability of the Property, Premises, or Easements for T-Mobile's desired purposes; or

4.1.3 The state of title of the Property.

4.2 T-Mobile acknowledges and agrees that:

4.2.1 T-Mobile is experienced in land acquisition and premises development,

4.2.2 T-Mobile has conducted or will conduct all necessary and appropriate inspections of the Property, and

4.2.3 T-Mobile accepts the Property, including the Easements, the Premises, and all structures thereon in “*as-is, where-is and with all faults*” condition.

4.3 ***Green Bay makes no warranties or representations regarding T-Mobile’s exclusive use of the Property, Tower, or Easements or noninterference with T-Mobile’s transmission operations or that the Premises, Easements, or utilities serving the Premises are fit for T-Mobile’s intended use, and all such warranties and representations are hereby disclaimed.***

ARTICLE 5: TAXES/NO LIENS

5.1 T-Mobile shall have the responsibility to pay any personal property taxes, assessments, or charges owed on the Property or Tower that are the direct result of T-Mobile’s use of the Premises and/or the installation, maintenance, or operation of T-Mobile’s Communications Facilities. T-Mobile shall be responsible for the payment of all taxes, levies, assessments, and other charges imposed upon the business conducted by T-Mobile at the Property.

5.2 T-Mobile shall have the right, at its sole cost and expense, to appeal, challenge, or seek modification of any tax assessment or billing for which T-Mobile is wholly or partly responsible to pay. The expense of any such proceedings shall be borne by T-Mobile and any refunds or rebates secured as a result of T-Mobile’s action shall belong to T-Mobile, to the extent the amounts were originally paid by T-Mobile.

5.3 T-Mobile shall not permit any claim or lien to be placed against any part of the Property or Tower that arises out of work, labor, material, or supplies provided or supplied to T-Mobile, its contractors, or their subcontractors for the installation, construction, operation, maintenance, or removal of the Communications Facilities or use of the Premises or Property. Upon 30 days’ prior written notice from Green Bay, T-Mobile shall cause any such claim or lien filed by any third party making a claim against, through, by, or under T-Mobile, to be discharged by bonding or letter of credit to give Green Bay security to protect Green Bay’s interests from the claim or lien. If T-Mobile elects to obtain a bond, it will be with a company authorized to provide bonds in Wisconsin.

ARTICLE 6: PERMITTED USE

6.1 **Permitted Use.** T-Mobile shall continuously use the Premises solely for the purpose of constructing, maintaining, repairing, and operating its Communications Facilities and uses incidental to such use. All Communications Facilities shall be installed at T-Mobile’s expense and shall remain the exclusive property of T-Mobile. T-Mobile shall not do or permit to be done in, to, on, or about the Property any act or thing which would violate,

suspend, invalidate, or make inoperative any of the insurance pertaining to the Property or the Premises or any improvements thereto.

6.2 Compliance with Laws.

6.2.1 T-Mobile, at its expense, shall diligently, faithfully, and promptly obey and comply with all federal, state, and local orders, rules, regulations, and laws now or hereafter in effect, as amended (collectively, “**Laws**”), including all environmental laws and Federal Communications Commission (“**FCC**”) and Federal Aviation Administration (“**FAA**”) rules, that are applicable to operations conducted upon or above the Premises and including the applicable American National Standards Institute (“**ANSI**”) “Safety Levels with respect to Human Exposure to Radio Frequency Electromagnetic Fields” as set forth in the current ANSI standard or any applicable FCC standard that supersedes this standard or any applicable Environmental Protection Agency rules or regulations that may hereafter be adopted that supersede this standard. T-Mobile shall adhere to all Occupational Safety and Health Administration safety requirements that are applicable to T-Mobile’s operations conducted upon or above the Property.

6.2.2 T-Mobile shall neither do nor permit any act or omission that could cause the Premises or the use thereof to fall out of compliance with applicable Laws. T-Mobile shall provide to Green Bay a copy of any written notice received by T-Mobile from any governing authority regarding non-compliance with any Law pertaining to T-Mobile’s operations conducted upon or above the Premises within 30 days of T-Mobile’s receipt of any such notice of non-compliance. Any fines or penalties imposed for improper or illegal installation or operation of any of T-Mobile’s improvements on the Premises or for any other violation of Laws on the Premises by T-Mobile shall be T-Mobile’s sole responsibility.

6.3 Governmental Approvals. T-Mobile shall not install any Communications Facilities on the Premises without first obtaining all necessary federal, state, and local governmental approvals and permits for such installation.

6.4 Damage to Property. Any damage done to the Property or the Tower during installation, maintenance, or operation of the Communications Facilities that results from the action or inaction of T-Mobile or its contractors or their subcontractors or the presence of the Communications Facilities shall be immediately repaired at T-Mobile’s expense and to Green Bay’s reasonable satisfaction. T-Mobile shall pay all costs and expenses in relation to maintaining the structural integrity of the Tower in connection with T-Mobile’s installation, repair, and operation of the Communications Facilities.

6.5 Utility Service. T-Mobile shall pay and be responsible for all utility services it uses on the Premises and all other costs and expenses in connection with the use, operation, and maintenance of the Premises and all activities conducted thereon. All utilities serving the Premises shall be underground, located within a Utility Easement, and separately metered. No backup generators shall be allowed to operate on the Premises unless they are powered by natural gas.

- 6.6 Advertisements. T-Mobile shall not advertise on the Property or on any structure on the Property, except for company identification as required by FCC regulation.
- 6.7 Maintenance. T-Mobile shall be responsible for maintenance and security of the Land Space and Communications Facilities and shall keep the same (including any fencing or landscaping shown on **Exhibit B** or the Construction Drawings approved pursuant to Article 7) in good repair and condition during the Term of this Agreement. No materials may be used in the installation of the Communications Facilities or transmission lines that will cause corrosion or rust or deterioration of the Tower structure or its appurtenances. All Communications Facilities on the Tower must be identified by a marking fastened securely to its bracket on the Tower and all transmission lines must be tagged at the conduit opening where they enter T-Mobile's equipment shelter.
- 6.8 FAA Compliance. T-Mobile shall be solely responsible for taking all steps necessary to ensure that its Communications Facilities on the Tower remain in compliance with any and all applicable FAA regulations. Notwithstanding anything to the contrary in this Agreement, if T-Mobile's Communications Equipment causes the Tower to fall out of compliance with FAA, T-Mobile shall be solely responsible for any and all costs associated with bringing the Tower into compliance, including, among other things, installing and maintaining any lighting equipment that may be required.

ARTICLE 7: PROJECTS, REPAIR, & REPLACEMENT

7.1 Initial Modification Project

- 7.1.1 Prior to commencing the Initial Modification Project, T-Mobile shall submit to Green Bay:
- 7.1.1.1 *Application*. A complete and executed Antenna Site Application ("**Application**"), attached as **Exhibit C**.
 - 7.1.1.2 *Fees*. All fees and payments required in the Application or under this Agreement.
 - 7.1.1.3 *Construction Drawings*. Detailed construction plans and drawings ("**Construction Drawings**") for all improvements that will make up the Initial Modification Project for Green Bay's written approval.
 - 7.1.1.4 *Engineering Study/Structural Analysis*. An engineering study and structural analysis demonstrating that the proposed Initial Modification Project will not adversely affect the structural integrity of the Tower.
 - 7.1.1.5 *Site Survey*. A site survey that accurately describes and depicts the Land Space and Easements, attached as **Exhibit B**.
- 7.1.2 T-Mobile may not commence any construction work or installation of the Initial Upgrade Project until Green Bay has marked the Construction Drawings for the Initial Modification Project approved and the Parties have executed this Agreement.

The Construction Drawings, once approved, shall be attached as **Exhibit D**. Green Bay hereby approves the Construction Drawings attached hereto as Exhibit D.

- 7.1.3 T-Mobile shall promptly commence work on the Initial Modification Project after the conditions set out in Sections 6.3, 7.1.1, and 7.1.2 are satisfied and shall complete the Initial Modification Project no later than three months after the Effective Date (“**Completion Date**”). T-Mobile may request Green Bay’s approval to extend the Completion Date for up to an additional period of three months if the extension is necessitated by causes beyond T-Mobile’s reasonable control. Green Bay shall not unreasonably deny such request.
- 7.1.4 T-Mobile, at its expense, and within 90 days after the installation of the Initial Modification Project, shall provide to Green Bay as-built drawings of the Communications Facilities installed on the Premises (in both paper and electronic formats) (“**As-Built Drawings**”), which drawings shall be reviewed and approved by the engineer of record and show the actual location of all the Communications Facilities on the Premises. The drawings shall be accompanied by a complete and detailed inventory of all the Communications Facilities located on the Premises (including any of the Existing Antenna Facilities remaining on the Tower), all of which shall be attached as **Exhibit E**.

7.2 Future Modification Projects.

- 7.2.1 Once the Initial Modification Project is completed, T-Mobile shall not add any additional Communications Facilities or otherwise modify or upgrade its then-existing Communications Facilities or make any other additions, alterations, or improvements to the Premises or Property (each, a “**Modification Project**”), aside from routine maintenance, repair, or like-for-like replacements, without Green Bay’s prior written approval, which approval shall not be unreasonably withheld or delayed. Approval of a Modification Project may be subject to an increase in the License Fee and/or the Parties’ entering into either an amendment to this Agreement or a replacement agreement.
- 7.2.2 T-Mobile shall submit to Green Bay for its review and approval all of the following in connection with its request for approval of a Modification Project:
 - 7.2.2.1 *Application.* A complete and executed Application on the form attached as **Exhibit F**.
 - 7.2.2.2 *Fees.* All fees and payments required in the Application or under this Agreement.
 - 7.2.2.3 *Construction Drawings.* Construction Drawings for all proposed improvements that are part of the Modification Project (“**Modification CDs**”).
 - 7.2.2.4 *Engineering Study/Structural Analysis.* If the Modification Project will impact the Tower, an engineering study and structural analysis to

determine whether the proposed installation of the Modification Project will adversely affect the structural integrity of the Tower.

7.2.2.5 *Updated Site Survey.* An updated site survey that reflects any proposed changes to the Land Space and/or Easements in connection with the Modification Project.

7.2.3 T-Mobile may not commence any construction work or installation on the Property until Green Bay has marked the Modification CDs approved. The CDs, once approved, shall be attached as an exhibit to any amendment associated with the Modification Project.

7.2.4 T-Mobile, at its expense, and within 90 days after the installation of Modification Project, shall provide to Green Bay As-Built Drawings of the Communications Facilities installed on the Premises (in both paper and electronic formats), which drawings shall be reviewed and approved by the engineer of record and show the actual location of all the Communications Facilities. The drawings shall be accompanied by a complete and detailed inventory of all the Communications Facilities located on the Premises (including any of the Existing Antenna Facilities remaining on the Tower), all of which shall be attached as an exhibit to any amendment associated with the Modification Project.

7.3 Additional Project Requirements.

7.3.1 T-Mobile's installation of the Initial Modification Project or any future Modification Project (each, a "**Project**") shall be completed at T-Mobile's sole expense; in a neat and workmanlike manner in accordance with sound engineering practices in compliance with all applicable Laws; and in strict compliance with the approved Construction Drawings. Green Bay, may, at T-Mobile's expense, inspect the actual location and installation of all Communications Facilities to ensure compliance with the approved Construction Drawings.

7.3.2 As directed by Green Bay, Green Bay's technical consultant shall review and periodically inspect T-Mobile's Project beginning with the pre-construction conference and continuing through installation, construction, punch-list review, and verification of the As-Built Drawings. Before T-Mobile may energize its system (i.e., start-up), all punch-list items must be substantially completed as reasonably determined by Green Bay.

7.3.3 After installation of the Project, T-Mobile shall address all punch-list items within 20 days after T-Mobile or its contractors receive the punch list from Green Bay or Green Bay's contractor. If T-Mobile fails to satisfactorily address all items on the punch list within the 20-day time period, T-Mobile shall pay Green Bay a fee of \$100 for each day that T-Mobile has not completed its obligations under this Section 7.3.3.

7.4 Responsibility for Professional Costs. T-Mobile shall reimburse Green Bay for all third-party Professional Costs (defined below) that Green Bay incurs associated with this

Agreement and any amendments. Such costs shall include payments Green Bay makes to its technical consultants for their work associated with a Project as well as payments made to outside legal counsel for their work associated with a Project (collectively, “**Professional Costs**”). If the Professional Costs exceed the amount of any deposit made pursuant to the Application, Green Bay shall invoice T-Mobile for the additional Professional Costs incurred, which invoice shall be due and payable within 30 days of its receipt. If, upon completion of the Project (including completion of any remedial work and verification of the As-Build Drawings), the Professional Costs are less than the amount of any deposit made pursuant to an Application, Green Bay shall refund the unused portion of the deposit to T-Mobile.

7.5 Replacement/Repair.

- 7.5.1 With the exception of emergencies, T-Mobile shall submit to Green Bay advance written notice of the need for and the nature of any repair of T-Mobile’s Communications Facilities or the replacement of such facilities on a like-for-like basis, using the Antenna Site Service Notice form attached as **Exhibit G** (“**Service Notice**”).
- 7.5.2 Once Green Bay receives a complete Service Notice form, Green Bay will have 10 business days (the “**Consultation Period**”) in which to reject or approve, in writing, the proposed replacement or repair work and to seek additional information, if needed. If no consultation is requested by Green Bay during the Consultation Period, T-Mobile may proceed with the replacement or repair work at the end of the Consultation Period. If Green Bay rejects T-Mobile’s Service Notice, T-Mobile may not proceed with the replacement or repair work without Green Bay’s written approval, which approval may not be unreasonably withheld, conditioned, or delayed. T-Mobile may resubmit a revised Service Notice as often as necessary until approved by Green Bay.
- 7.5.3 In the case of an emergency, T-Mobile shall provide written notice to Green Bay describing the replacement or repair, as well an explanation of the reason the repair or replacement constituted an emergency and did not require prior written notice to Green Bay under Section 7.5.1, with the written notice being transmitted by T-Mobile to Green Bay within 24 hours following the commencement of the emergency replacement or repair. As used in this this Agreement, “**emergency**” shall be deemed to exist only in instances in which the emergency conditions constitute an immediate threat to the health or safety of the public or immediate danger to the Tower and its operations.
- 7.5.4 For the sake of clarity, “**like-for-like basis**” means that the existing equipment is replaced with equipment that is no greater in size (i.e., the dimensions are the same

or smaller), weight, or number and that the new equipment is attached in the same manner as the then-existing equipment.

ARTICLE 8: ACCESS

- 8.1 T-Mobile shall have 24/7 unsupervised access to its Communications Facilities located on the Land Space portion of the Premises without notice. T-Mobile may have supervised access to the Communications Facilities inside or on the Tower by requesting access 48 hours in advance. For instances involving regular maintenance, T-Mobile shall request access to the Tower by calling **(920) 448-3480**. If T-Mobile needs access to the Tower in an emergency, T-Mobile shall give advance notice to Green Bay as soon as reasonably possible by calling **(920) 448-3483**. T-Mobile shall reimburse Green Bay for all reasonable costs Green Bay incurs for sending its personnel to the Property and in supervising T-Mobile's Tower access when outside of Green Bay's normal business hours, which are from 7:00 a.m. to 3:00 p.m., Monday through Friday.
- 8.2 T-Mobile shall be subject to any and all emergency operation plans adopted by Green Bay applicable to the Tower. When accessing the Tower, T-Mobile's employees, contractors, and agents shall have proper identification. T-Mobile shall be responsible for maintaining a written record of the names of its employees, contractors, and agents who perform work on the Tower, the nature of the work performed, and the date and time such work is performed. T-Mobile shall make such records available to Green Bay upon request.

ARTICLE 9: INDEMNIFICATION

- 9.1 Indemnification. T-Mobile, and its employees, agents, and contractors or their subcontractors ("**Indemnifying Parties**") shall defend, indemnify, and hold harmless Green Bay and its officers, officials, agents, and employees ("**Indemnified Parties**") against any and all liability, costs, damages, fines, taxes, special charges by others, penalties, payments (including payments made by Green Bay under any Worker's Compensation Laws or under any plan for employee disability and death benefits), remediation costs, and expenses (including reasonable attorney's fees of Green Bay and all other costs and expenses of litigation) (each a "**Covered Claim**") to the extent arising in connection with the default of any covenant or agreement contained in this Agreement by T-Mobile or with the construction, maintenance, repair, presence, removal, or operation of the Communications Facilities by T-Mobile or anyone under the direction or control or acting on behalf of or at the invitation of T-Mobile (including its contractors and their subcontractors), except to the extent Green Bay's negligence or willful misconduct solely gives rise to such Covered Claim.
- 9.2 Procedure for Indemnification.
 - 9.2.1 Green Bay shall give prompt written notice to T-Mobile of any claim or threatened claim, specifying the factual basis for such claim and the amount of the claim. If the claim relates to an action, suit, or proceeding filed by a third party against Green Bay, Green Bay shall give the written notice to T-Mobile no later than 15 days after Green Bay receives written notice of the action, suit, or proceeding.

- 9.2.2 Green Bay's failure to give the required notice will not relieve T-Mobile from its obligation to indemnify Green Bay unless, and only to the extent, that T-Mobile is materially prejudiced by such failure.
- 9.2.3 T-Mobile will have the right at any time, by notice to Green Bay, to participate in or assume control of the defense of the claim with counsel of its choice, which counsel must be reasonably acceptable to Green Bay. Green Bay agrees to cooperate fully with T-Mobile. If T-Mobile assumes control of the defense of any third-party claim, Green Bay shall have the right to participate in the defense at its own expense. If T-Mobile does not assume control or otherwise participate in the defense of any third-party claim, T-Mobile shall be bound by the results obtained by Green Bay with respect to the claim.
- 9.2.4 If T-Mobile assumes the defense of a third-party claim as described above, then in no event will Green Bay admit any liability with respect to, or settle, compromise, or discharge, any third-party claim without T-Mobile's prior written consent.
- 9.2.5 T-Mobile shall take prompt action to defend and indemnify the Indemnified Parties against Covered Claims, actual or threatened, following receipt of written notice from Green Bay to T-Mobile of the service of a notice, summons, complaint, petition, or other service of a process against an Indemnified Party alleging damage, injury, liability, or expenses attributed in any way to T-Mobile's or other Indemnifying Party's activities under this Agreement; the work to be performed under this Agreement; or the acts, fault, negligence, equipment, materials, properties, facilities, personnel, or property of T-Mobile or other Indemnifying Party. T-Mobile shall defend any such claim or threatened claim, including as applicable, engagement of legal counsel, to respond to, defend, settle, or compromise any claim or threatened claim.
- 9.3 T-Mobile understands and agrees it is responsible for any and all costs and expenses (including reasonable attorneys' fees) incurred by Green Bay directly related to enforcing this indemnification provision.

ARTICLE 10: INSURANCE

- 10.1 Policies Required. At all times during the Term of this Agreement, T-Mobile shall keep in force and effect all insurance policies as described below. It is the intent of both Parties that the liability insurance in place in accordance with the provisions of this Article 10 shall be primary insurance with respect to T-Mobile's operations and for claims arising out of T-Mobile's actions or omissions and shall protect both T-Mobile and as an additional insured Green Bay from losses caused, in whole or in part, from the performance of this Agreement.
 - 10.1.1 Workers' Compensation Insurance as required by law and employers' liability insurance with a limit of liability of **\$1,000,000** each accident/disease/policy limit.
 - 10.1.2 Commercial General Liability ("CGL") insurance based on ISO form CG 00 01 or a substitute form providing substantially equivalent coverage to include

coverage for premises-operations, products and completed operations, personal and advertising injury, contractual liability, claims arising from T-Mobile's independent contractors and coverage for property damage from perils of explosion, collapse, or damage to underground utilities (commonly known as XCU coverage). Limits of liability shall be no less than **\$3,000,000** per occurrence and **\$6,000,000** in the aggregate.

10.1.3 Commercial automobile policy covering all owned, hired, and non-owned vehicles. Limits of liability shall be **\$2,000,000** combined single limit each accident for bodily injury and property damage.

10.1.4 Excess/umbrella liability policy with limits of liability not less than **\$1,000,000** each occurrence and **\$1,000,000** aggregate. Coverage to be in excess of employer's liability, commercial general liability, and automobile liability insurance required above.

10.1.5 Property insurance on T-Mobile's facilities, buildings, and other improvements, including all equipment, fixtures, and utility structures, fencing, or support systems that may be placed on, within, or around the Property to fully protect against hazards of fire, vandalism, and malicious mischief, and such other perils as are covered by policies of insurance commonly referred to and known as "extended coverage" insurance or shall self-insure such exposures.

10.2 Qualification/Priority/Contractors' Coverage. The insurer must be authorized to do business under the laws of the State of Wisconsin and have an "A-" or better rating in Best's Guide. Such insurance will be primary with respects to T-Mobile operations and for claims arising out of the negligent acts or willful misconduct of T-Mobile's actions. T-Mobile will require its contractors and all of their subcontractors to maintain reasonable and prudent insurance coverage and limits in accordance with the work to be performed and in line with industry custom and practice. Prior to any such contractor or its subcontractors performing any work for T-Mobile under this Agreement, T-Mobile shall furnish Green Bay with a certificate of insurance for each such contractor or subcontractor.

10.3 Certificate of Insurance/Other Requirements.

10.3.1 Upon the execution of this Agreement, annually thereafter, and within 10 days of the expiration or renewal of any liability policies required by this Agreement, T-Mobile will furnish Green Bay with certificates of insurance and policy endorsements evidencing the required coverage. The initial certificates of insurance and endorsements shall be attached as **Exhibit H**.

10.3.2 T-Mobile shall give Green Bay 30 days' advance written notice of cancellation or non-renewal of any insurance policy required by this Article 10.

10.3.3 Green Bay and its board members, departments, commissioners, officers, officials, agents, and employees ("**City Parties**") shall each be included as an "**Additional Insured**" as their interests may appear under this Agreement under

all of the required policies (except workers' compensation, employers' liability, and property), which shall be included in the certificate of insurance.

10.3.4 All policies, other than workers' compensation, shall be written on an occurrence, and not on a claims-made, basis.

10.3.5 T-Mobile be fully responsible for any deductible amounts.

10.3.6 T-Mobile shall not do or permit to be done in, to, on, or about the Property any act or things which would violate, suspend, invalidate, or make inoperative any insurance pertaining to the Property or Premises or any improvements thereto.

10.4 Prohibited Exclusions. No policies of insurance required to be obtained by T-Mobile or its contractors or subcontractors shall contain provisions that exclude coverage of liability arising from excavating, collapse, or underground work.

10.5 Reports. T-Mobile shall promptly furnish Green Bay with copies of any accident or incident report(s) sent to T-Mobile's insurance carriers covering accidents/incidents occurring in connection with and/or as a result of the performance of the work under this Agreement.

10.6 No Limitation. Nothing contained in this Article 10 shall be construed as limiting the extent of T-Mobile's responsibility for payment of damages resulting from T-Mobile's activities under this Agreement or limiting, diminishing, or waiving T-Mobile's insurable indemnification obligations under this Agreement.

ARTICLE 11: LIMITATION OF LIABILITY

11.1 Green Bay reserves to itself the right to maintain and operate the Tower and Property in the manner that will best enable it to fulfill its water utility service requirements. T-Mobile agrees to use the Property and Tower at its sole risk. Notwithstanding the foregoing, Green Bay shall exercise reasonable caution to avoid damaging T-Mobile's Communications Facilities and, if it becomes aware of such damage, shall promptly report to T-Mobile the occurrence of any such damage caused by Green Bay.

11.2 No provision of this Agreement is intended, nor shall be construed, to be a waiver for any purpose of any provision of Wis. Stat. §§ 893.80 or 345.05 or any other notice requirements, governmental immunities, or damages limitations that may apply to Green Bay, its employees, officials, or agents.

ARTICLE 12: INTERFERENCE

12.1 Interference by T-Mobile.

12.1.1 T-Mobile agrees to install only equipment of the type and frequency that will not cause harmful interference measurable in accordance with then existing industry standards to any equipment of Green Bay's (whenever installed) or to any equipment of pre-existing radio frequency users on the Property ("**Pre-Existing Users**"), as long

as such equipment was installed by the Pre-Existing Users prior to the installation of the applicable T-Mobile equipment and those Users operate and continue to operate within their respective frequencies and in accordance with all applicable Laws.

12.1.2 Upon T-Mobile's request, Green Bay will provide T-Mobile a list of Pre-Existing Users at the Property as of the Effective Date.

12.1.3 T-Mobile's installation, operation, maintenance, and use of its Communications Facilities shall not damage, adversely interfere with, or obstruct in any way Green Bay's communications equipment or its water utility operations, including the Tower and its related repair and maintenance activities.

12.1.4 In the event any equipment installed by T-Mobile causes interference to Green Bay's then existing (i.e., at the time of the interference) equipment on the Property, and after Green Bay has notified T-Mobile of such interference, T-Mobile will immediately take all commercially reasonable steps necessary to correct and eliminate the interference, including, but not limited to, powering down such equipment and later powering up such equipment for intermittent testing. If T-Mobile is unable to eliminate the interference within 24 hours after receiving Green Bay's notice, T-Mobile must immediately cease operating the equipment (except for intermittent testing) and may not return the equipment to service until it demonstrates to Green Bay that the interference has been eliminated.

12.2 Interference by Green Bay.

12.2.1 Green Bay, at all times during this Agreement, reserves the right to take any action it deems necessary, in its sole but reasonable discretion, to repair, maintain, alter, or improve the Tower. Except in the case of an emergency or as otherwise provided in this Agreement, Green Bay, when possible, shall give T-Mobile at least 30 business days' advance notice of such activities.

12.2.2 Green Bay and its employees, contractors, and agents shall use reasonable efforts, consistent with this Agreement not to cause any unnecessary interference with the operation of T-Mobile's Communications Facilities. When T-Mobile provides Green Bay with evidence of such unnecessary interference due to Green Bay's actions, Green Bay will use reasonable means to cause any such interference to cease within 24 hours after T-Mobile notifies Green Bay of such interference.

12.2.3 When necessary, Green Bay will permit T-Mobile, at T-Mobile's sole cost and expense, to place a Temporary Tower on the Property in a mutually agreeable location for the duration of any disruption in T-Mobile's service caused by Green Bay's actions under Section 12.2.1. Green Bay agrees to reasonably cooperate with T-Mobile to carry out such activities with a minimum amount of disruption to T-Mobile's transmission operations.

12.3 Green Bay agrees that other licensees or lessees on the Tower who currently or in the future have use of the Tower will be permitted to install only such equipment that is of the type and

frequency that will not cause harmful interference, which is measurable in accordance with then existing industry standards, to T-Mobile's then existing equipment on the Tower.

- 12.4 Green Bay further agrees that each of its agreements with other future Tower users shall contain a provision substantially the same as Section 12.1.1 and that Green Bay shall enforce such provisions in a nondiscriminatory manner with respect to all of its licensees or lessees.
- 12.5 The Parties acknowledge that there will not be an adequate remedy at law for noncompliance with the provisions of this Article 12 and, therefore, either Party shall have the right to equitable remedies, such as, without limitation, injunctive relief and specific performance.
- 12.6 In addition to all other remedies available to T-Mobile, in the event the equipment or activities of existing lessees/licensees or Green Bay are causing interference to T-Mobile's Communications Facilities and such interference is not eliminated within seven days after written notice to Green Bay from T-Mobile, T-Mobile shall have the right to terminate this Agreement.
- 12.7 For the purposes of this Agreement, "**interference**" may include, but is not limited to, any use of the Property that causes electronic interference with or physical obstruction or, or degradation of, the communications signals from the facilities of any permitted users of the Property.

ARTICLE 13: TOWER/PROPERTY MAINTENANCE

- 13.1 Temporary Relocation of Communications Facilities. T-Mobile shall temporarily remove its Communications Facilities from the Tower, at T-Mobile's sole cost and expense, to allow for Tower painting, reconditioning, or similar major maintenance work that Green Bay, in its sole discretion, determines will require the removal of the Communications Facilities from the Tower ("**Major Maintenance Work**").
 - 13.1.1 Green Bay shall notify T-Mobile prior to the end of any calendar year during which Green Bay has planned and budgeted for the Major Maintenance Work in the subsequent year. After the contract for such work has been awarded, Green Bay shall further notify T-Mobile when a preliminary schedule for the work has been established.
 - 13.1.2 T-Mobile and Green Bay shall cooperate to ensure that the temporary removal of the Communications Facilities does not interfere with the Major Maintenance Work. T-Mobile shall cooperate with Green Bay with respect to the Major Maintenance Work and will make its representatives available to attend meetings with Green Bay or its contractors (and any other Tower users) related to such work.
 - 13.1.3 If T-Mobile requires the use of a temporary pole or cell on wheels (collectively, "**Temporary Tower**"), Green Bay shall permit T-Mobile, at T-Mobile's sole expense, to place a Temporary Tower on the Property in a location mutually agreed upon by Green Bay and T-Mobile. T-Mobile shall cooperate with Green Bay regarding the placement of the Temporary Tower on the Property.

13.1.4 Upon completion of the Major Maintenance Work, T-Mobile may return the Communications Facilities to their original location on the Tower. T-Mobile must remove the Temporary Tower from the Premises within 90 days of the completion of the Major Maintenance Work.

13.2 Communications Facilities Remain in Place. If Green Bay, in its sole discretion, determines that it is reasonable to allow T-Mobile to keep all or any portion of the Communications Facilities in place during any maintenance work, then Green Bay and T-Mobile shall coordinate the performance of the maintenance work so that T-Mobile may protect in place the Communications Facilities during such maintenance work. T-Mobile shall be responsible for all additional costs Green Bay incurs due to the presence of the Communications Facilities on the Tower during such work. Green Bay will invoice T-Mobile for such additional costs, and T-Mobile shall pay such invoice within 30 days of its receipt. **T-Mobile agrees that it accepts any and all risk of damage to its Communications Facilities while the maintenance work is being performed and that Green Bay shall have no liability whatsoever for any such damage, regardless of the cause of such damage.** T-Mobile shall have the option to have a representative present while any such maintenance work is being performed.

13.3 Temporary Emergency Relocation. In case of an emergency that requires Green Bay to remove T-Mobile's Communications Facilities, Green Bay may do so after giving advance telephone notice to T-Mobile as soon as practical by calling **877-611-5868**. In the event the use of T-Mobile's Communications Facilities is interrupted, T-Mobile shall have the right to maintain a Temporary Tower on the Property in a location approved by Green Bay. If the Property will not accommodate a Temporary Tower, it is T-Mobile's responsibility to locate alternative sites.

ARTICLE 14: REMOVAL OF IMPROVEMENTS/BOND

14.1 Upon termination or expiration of this Agreement, T-Mobile shall have 120 days to remove the Communications Facilities from the Property, except underground utilities, which T-Mobile shall disconnect, and foundations, which shall be removed to a depth of four feet below grade, and shall restore the Tower and the Property to the condition they were in before the Communications Facilities were installed, ordinary wear and tear and loss by casualty or other causes beyond T-Mobile's control excepted, all at T-Mobile's sole cost and expense. Notwithstanding the foregoing, T-Mobile shall not be responsible for replacement of any trees, shrubs, or other vegetation. Before removing any part of its Communications Facilities from the Tower upon termination or expiration of this Agreement, T-Mobile agrees on behalf of itself and its successors and assigns to provide Green Bay with reasonable advance notice of its intentions to remove such facilities and agrees to coordinate such removal with Green Bay.

14.2 Within 30 days following the Effective Date, T-Mobile shall provide to Green Bay a bond with an entity and in a form satisfactory to the City Attorney for Green Bay. The initial amount of the bond shall be **\$55,000.00**, the bond shall be renewed annually at an amount that is three percent (**3%**) greater than the amount in the preceding year, and the bond shall be kept in full force so long as the Communications Facilities are on the Premises. The

purpose of the bond is to ensure the removal of the Communications Facilities (and any other equipment or improvements of T-Mobile) and the restoration of the Property at the termination or expiration of this Agreement.

- 14.3 In the event that T-Mobile fails to comply with the removal and restoration requirements of this Agreement, Green Bay, upon 10 business days' prior notice to T-Mobile, shall have the right, using its own personnel or a contractor, to perform such removal and restoration, and T-Mobile agrees to reimburse Green Bay for Green Bay's actual costs of such removal and restoration within 60 days of receiving an invoice therefor. If T-Mobile fails to reimburse Green Bay within such 60-day period, then Green Bay may go against the bond referenced in Section 14.2.
- 14.4 In the event Green Bay does not exercise its right of removal under Section 14.3 and T-Mobile fails to completely remove its Communications Facilities from the Premises or fails to restore the Tower and Property as required, T-Mobile shall continue to pay a License Fee equal to 150% of the License Fee in effect during the last month of the Term, prorated for each and every day of every month during which any part of T-Mobile's Communications Facilities remains on the Property after the 120-day period set forth in Section 14.1. Whether or not any or all of the Communications Facilities are in use or functioning shall not be considered a factor when determining T-Mobile's payment obligations under this Article 14.

ARTICLE 15: ASSIGNMENT/NO SUBLICENSING

- 15.1 T-Mobile may not sublicense any part of the Premises.
- 15.2 Without Green Bay's approval or consent, this Agreement may be sold, assigned, or transferred to (i) any entity in which T-Mobile directly or indirectly holds an equity or similar interest; (ii) any entity which directly or indirectly holds an equity or similar interest in T-Mobile; or (iii) any entity directly or indirectly under common control with T-Mobile. T-Mobile may assign this Agreement to any entity which acquires all or substantially all of T-Mobile's assets in the market defined by the FCC in which the Property is located by reason of a merger, acquisition, or other business reorganization without approval or consent of Green Bay. As to other parties, this Agreement may not be sold, assigned, or transferred without Green Bay's written consent, which consent will not be unreasonably withheld, delayed, or conditioned. No change of stock ownership, partnership interest, or control of T-Mobile or transfer upon partnership or corporate dissolution of T-Mobile shall constitute an assignment hereunder.
- 15.3 No assignment or transfer under this Agreement shall be effective until the assignee or transferee agrees in writing to assume all the obligations of T-Mobile arising under this Agreement. T-Mobile shall furnish Green Bay with prior written notice of the transfer or assignment, together with the name and address of the transferee or assignee.
- 15.4 Nothing contained in this Agreement shall be deemed, expressly or by implication, to give T-Mobile any right or power to mortgage Green Bay's fee or any other interest of Green Bay's in or to the Premises or the Property.

- 15.5 Green Bay shall provide notice to T-Mobile within 30 days of any sale, assignment, or transfer of its interests in this Agreement to another party.

ARTICLE 16: NOTICES

- 16.1 All notices and demands hereunder must be in writing and shall be deemed validly given if sent by certified mail, return receipt requested or by commercial courier, provided the courier's regular business is delivery service and provided further that it guarantees delivery to the addressee by the end of the next business day following the courier's receipt from the sender, addressed as follows (or to any other address that the Party to be notified may have designated to the sender by like notice):

If to Green Bay: City of Green Bay
Attn: City Clerk
100 North Jefferson Street
Green Bay, WI 54301

With a copy to: Green Bay Water Utility
Attn: General Manager
P.O. Box 1210
Green Bay, WI 54305-1210

If to Licensee: T-Mobile USA, Inc.
12920 SE 38th ST

Bellevue, WA 98006
Attn: Lease Compliance/Site ID ML83083A

- 16.2 Notice shall be effective upon actual receipt or refusal as shown on the receipt obtained pursuant to the foregoing.

- 16.3 Telephone numbers and email addresses for the Parties are as follows:

Green Bay: (920) 448-3480; gbwucs1@greenbaywi.gov

T-Mobile: (877) 611-5868 noctransportvendormaintenance@t-mobile.com

- 16.4 Except where otherwise provided, a telephone call or email will not constitute notice. In case of emergency, each Party will attempt to contact the other Party in the most expeditious manner possible.

ARTICLE 17: ENVIRONMENTAL

- 17.1 T-Mobile shall use its best efforts to ensure that its use of the Property will not generate any Hazardous Substances. T-Mobile agrees that it will not store or dispose of on the Property or transport to or over the Property any Hazardous Substances and that its Communications Facilities do not constitute or contain and will not generate any

Hazardous Substance in violation of any applicable Law. T-Mobile may use gel cell back-up batteries and other common materials used in telecommunications operations (e.g., cleaning solvents) at the Premises provided that its use of such materials is in compliance with all applicable Laws.

- 17.2 “**Hazardous Substances**” shall be interpreted broadly to mean any substance or material designated or defined by any applicable Law as hazardous or toxic waste, hazardous or toxic material, hazardous or toxic or radioactive substance, or other similar term.
- 17.3 T-Mobile shall indemnify, defend, and hold harmless the Indemnified Parties from and against any and all claims that may be asserted against or incurred by an Indemnified Party or for which an Indemnified Party may be held liable, which arise from the presence, use, generation, storage, treatment, disposal, or transportation of Hazardous Substances on, into, from, under, or about the Premises or Property by T-Mobile or anything acting under the direction or control of or acting on behalf of or at the invitation of T-Mobile, specifically including, but not limited to, the cost of any required or necessary repair, restoration, remediation, cleanup, removal, or detoxification of the Premises or the Property and the preparation of any closure or other required plans, whether or not such action is required or necessary during the Term or after the expiration or termination of this Agreement, except only to the extent that Green Bay’s negligence or willful misconduct gives rise to such claim.

ARTICLE 18: CASUALTY/DECOMMISSIONING

- 18.1 If the Tower is damaged for any reason, other than by reason of the willful misconduct or negligence of T-Mobile, its employees, contractors, or agents, so as to render it substantially unusable for T-Mobile’s intended use (in T-Mobile’s sole but reasonable discretion), the License Fee shall abate until Green Bay, at Green Bay’s expense and option, restores the Tower to its condition prior to such damage. If Green Bay elects not to restore the Tower, it shall give T-Mobile written notice of such election, and this Agreement shall immediately terminate. Licensee may seek Green Bay’s approval—which approval shall not be unreasonably withheld—to operate a Temporary Tower on the site for up to one year while it seeks an alternative site.
- 18.2 If Green Bay elects to restore the Tower, Green Bay shall permit T-Mobile, at T-Mobile’s sole expense, to place a Temporary Tower on the Property in a location mutually agreed upon by Green Bay and T-Mobile. If space on the Property is limited, priority will be given to the Tower user who has been using the site the longest. If the Property will not accommodate a Temporary Tower or Green Bay does not begin Tower repairs within 60 days following the date the Tower was damaged, T-Mobile shall have the right to terminate this Agreement by giving Green Bay written notice thereof, as long as T-Mobile has not resumed operations upon the Property.
- 18.3 Green Bay, in its absolute discretion, may decommission and dismantle the Tower at any time. Green Bay shall give T-Mobile 180 days’ prior written notice of the date by which its Communications Facilities must be removed from the Property in accordance with

Article 14. This Agreement will terminate at the end of the 180-day notice period or whatever longer time to which the Parties may agree.

ARTICLE 19: DEFAULT/REMEDIES

19.1 The following will be deemed a default by T-Mobile and a breach of this Agreement:

19.1.1 The License Fee or other sum owed to Green Bay remains unpaid for more than 20 business days after receipt of written notice from Green Bay of such failure to pay or

19.1.2 T-Mobile's failure to perform any other term or condition or failure to correct T-Mobile's breach of any warranty or covenant under this Agreement within 30 days after receipt of written notice from Green Bay specifying the failure.

19.2 No such failure by T-Mobile under Section 19.1.2, however, will be deemed to exist if T-Mobile has commenced to cure such default within such 30-day period and provided that such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond T-Mobile's reasonable control. If T-Mobile remains in default beyond any applicable cure period, Green Bay will have any and all rights available to it under law and equity.

19.3 In the event of any default by T-Mobile, Green Bay, in addition to all other rights and remedies available to Green Bay at law or equity, shall have the right to serve a written notice upon T-Mobile that Green Bay elects to terminate this Agreement upon a specified date not less than 10 days but no more than 30 days after the date of serving such notice, and this Agreement shall terminate on the date so specified as if that date had been originally fixed as the termination date of the Term granted. In the event this Agreement is so terminated, T-Mobile shall immediately pay to Green Bay a sum of money equal to the total of any unpaid consideration accrued through the date of termination.

19.4 The following will be deemed a default by Green Bay and a breach of this Agreement: Green Bay's failure to perform any material term or condition or failure to correct Green Bay's breach of any warranty or covenant under this Agreement within 30 days after receipt of written notice from T-Mobile specifying the failure.

19.5 No failure of Green Bay under Section 19.4, however, will be deemed to exist if Green Bay has commenced to cure the default within such 30-day period and provided such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond Green Bay's reasonable control. If Green Bay remains in default beyond any applicable cure period, T-Mobile will have any and all rights available to it under law and equity.

19.6 T-Mobile's sole remedy for Green Bay's failure to provide access timely is the right to seek specific performance.

ARTICLE 20: AUTHORITY

- 20.1 Each Party warrants to the other that the person or persons executing this Agreement on the Party's behalf have the full right, power, and authority to enter into and execute this Agreement on such Party's behalf.
- 20.2 The Parties agree that this Agreement is not binding on either Party until fully executed and delivered.

ARTICLE 21: ADDITIONAL PROVISIONS

- 21.1 Municipal Authority. Green Bay is entering into this Agreement solely in its proprietary capacity. Nothing contained in this agreement shall be construed to waive any obligation or requirement of T-Mobile to obtain all necessary approvals, licenses, and permits (if any) from the City of Green Bay in accordance with its ordinances and usual practices and procedures, nor limit or affect in any way the right or authority of the City of Green Bay to approve or reasonably disapprove any plans or specifications or to impose reasonable limitations, restrictions, and requirements as a condition of any such approval, license, or permit acting in its regulatory capacity.
- 21.2 Recording and Further Assurances. Green Bay and T-Mobile agree to execute a Memorandum of this Agreement in the form attached as **Exhibit I**, which T-Mobile shall record with the appropriate recording officer, within 30 days of the Effective Date. Green Bay and T-Mobile agree as part of the basis of their bargain for this Agreement to cooperate fully in executing any and all documents (including amendments to this Agreement) necessary to correct any factual or legal errors, omissions, or mistakes, and to take any and all additional action that may be necessary or appropriate to give full force and effect to the terms and intent of this Agreement.
- 21.3 Subordination and Non-Disturbance. T-Mobile agrees that this Agreement will be subject and subordinate to any mortgage or deed of trust now or hereafter placed upon the Property and to all modifications, renewals, replacements, or extensions thereto, and to all present and future advances made with respect to such mortgages or deeds of trust, and T-Mobile agrees to attorn to the mortgagee, trustee, or beneficiary, or purchaser under any such mortgage or deed of trust. This subordination shall be self-operative and no further instrument shall be required in order for it to become effective; however, T-Mobile will promptly execute and deliver to Green Bay any certificate that Green Bay may reasonably request to confirm this subordination. Upon written request by T-Mobile, Green Bay will use commercially reasonable efforts to obtain a non-disturbance agreement from any existing or future mortgagee or beneficiary of deed of trust in a form reasonable acceptable to T-Mobile.
- 21.4 Survival. The provisions of the Agreement relating to indemnification and insurance shall survive any termination or expiration of this Agreement. Additionally, any provisions of this Agreement that require performance subsequent to the termination or expiration of this Agreement shall also survive such termination or expiration.

- 21.5 Governing Law. This Agreement and the performance thereof shall be governed, interpreted, construed, and regulated by the laws of the State of Wisconsin, without regard to its conflict of law provisions.
- 21.6 Interpretation. This Agreement is the result of negotiation by the Parties and each Party had the opportunity to consult legal counsel with respect to this Agreement prior to execution. Nothing in this Agreement or any amendment or exhibit to it shall be construed more strictly for or against either Party because that Party or its attorney drafted this Agreement or any portion of it.
- 21.7 Entire Agreement. This Agreement, including its recitals and exhibits, contains all agreements, promises, and understandings between Green Bay and T-Mobile with respect to the subject matter of this Agreement, and no verbal or oral agreements, promises, or understandings shall be binding upon either Green Bay or T-Mobile in any dispute, controversy, or proceeding at law.
- 21.8 Amendment. Any amendment or modification of this Agreement shall be void and ineffective unless made in writing and signed by both Parties.
- 21.9 Severability. In the event any provision of the Agreement is found to be invalid or unenforceable, such finding shall not affect the validity and enforceability of the remaining provisions of this Agreement.
- 21.10 Headings. The headings of articles, sections, and subsections are for convenient reference only and will not be deemed to limit, construe, affect, modify, or alter the meanings of the articles, sections, or subsections.
- 21.11 Time of the Essence. Time is of the essence with respect to all of T-Mobile's obligations under this Agreement.
- 21.12 No Waiver. The failure of either Party to insist upon strict performance of any of the terms or conditions of this Agreement or to exercise any of its rights under the Agreement shall not waive such rights and such Party shall have the right to enforce such rights at any time and take such action as may be lawful and authorized under this Agreement, in law or in equity.
- 21.13 Successors. The provisions, covenants, and conditions of this Agreement shall bind and inure to the benefit of the legal representatives, successor, and assigns of each of the Parties, except that no assignment by T-Mobile shall vest any right in the assignee unless all of the requirements set forth in Section 15.3 have been satisfied.
- 21.14 Charges. Any work performed or service provided by Green Bay, the cost of which is T-Mobile's responsibility under this Agreement, shall be charged out at Green Bay's annually adopted fully loaded "Labor Rate" and "Transportation Rate," which rates shall include a charge for administrative and general costs. Upon T-Mobile's request, Green Bay will provide T-Mobile with documentation of Green Bay's Labor Rate and Transportation Rate for the then-current year. All such charges payable under the Agreement shall be invoiced by Green Bay within one year from the end of the calendar year in which the charges were

incurred, and payment shall be due within 30 days of receipt of the invoice. Any charges beyond such period shall not be billed by Green Bay and shall not be payable by T-Mobile. The foregoing shall not apply to Professional Costs billed to T-Mobile or to the monthly License Fee, which is due and payable without a requirement that it be billed by Green Bay. The provisions of this Section shall survive the termination or expiration of this Agreement.

- 21.15 IRS Form W-9. Green Bay agrees to provide T-Mobile with a completed IRS Form W-9 (see form attached as **Exhibit J**), or its equivalent, upon execution of this Agreement and at such other times as may be reasonably requested by T-Mobile, including any change in Green Bay's name or address.
- 21.16 Counterparts. This Agreement may be executed in several counterparts, each of which when so executed and delivered shall be deemed an original and all of which, when taken together, shall constitute one and the same instrument, even though all Parties are not signatories to the original or the same counterpart. Furthermore, the Parties may execute and deliver this Agreement by electronic means, such as pdf, DocuSign, or similar format. This Parties agree that delivery of this Agreement by electronic means will have the same force and effect as delivery of the original signatures and that the Parties may use such electronic signatures as evidence of the execution and delivery of the Agreement to the same extent as an original signature.

The Parties have formed this Agreement as of the Effective Date.

[SIGNATURE PAGES FOLLOW]

CITY OF GREEN BAY, WISCONSIN
a municipal corporation acting in its capacity
as a municipal water utility

By: _____

Print Name: _____

Title: _____

Date: _____

LICENSEE:
T-MOBILE CENTRAL LLC
a Delaware limited liability company

By:

DocuSigned by:

Mike Blasutti

E2530D5D0638418...

Name: Mike Blasutti
Its: Director
Date: 7/17/2024



DocuSigned by:

Denise Vestuto

3E702ABA4345446...

DocuSigned by:

George Myers

71A38AF5C587474...

DocuSigned by:

Joanne Pilgrim

FD7D6DE2A171496...

EXHIBIT A

LEGAL DESCRIPTIONS

Property

THE NORTHERLY 340.0 FEET OF THE EASTERLY 400.0 FEET OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 11, TOWNSHIP 23 NORTH RANGE 21 EAST, CITY OF GREEN BAY, BROWN COUNTY, WISCONSIN, EXCEPTING THEREFROM THAT PART PREVIOUSLY DEDICATED FOR STREET PURPOSES.

Land Space

THAT PART OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 11, TOWNSHIP 23 NORTH RANGE 21 EAST OF THE FOURTH PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: COMMENCING AT A CUT CROSS FOUND AT THE NORTHEAST CORNER OF SAID NORTHWEST QUARTER, PER CERTIFIED LAND CORNER REVISED TIE SHEET 31E19; THENCE SOUTH 89°30'38" WEST, ALONG THE NORTH LINE OF SAID NORTHWEST QUARTER, 305.00 FEET; THENCE SOUTH 0°29'22" EAST, PERPENDICULAR TO THE LAST DESCRIBED COURSE, 222.00 FEET TO A POINT OF BEGINNING; THENCE CONTINUING SOUTH 0°29'22" EAST 15.00 FEET; THENCE NORTH 89°30'38" EAST 20.00 FEET; THENCE NORTH 0°29'22" WEST 15.00 FEET; THENCE SOUTH 89°30'38" WEST 20.00 FEET TO THE POINT OF BEGINNING, ALL IN BROWN COUNTY, WISCONSIN, AND CONTAINING 300 SQUARE FEET THEREIN.

Easements

THAT PART OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 11, TOWNSHIP 23 NORTH RANGE 21 EAST OF THE FOURTH PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: COMMENCING AT A CUT CROSS FOUND AT THE NORTHEAST CORNER OF SAID NORTHWEST QUARTER, PER CERTIFIED LAND CORNER REVISED TIE SHEET 31E19; THENCE SOUTH 89°30'38" WEST, ALONG THE NORTH LINE OF SAID NORTHWEST QUARTER, 305.00 FEET; THENCE SOUTH 0°29'22" EAST, PERPENDICULAR TO THE LAST DESCRIBED COURSE, 215.00 FEET TO A POINT OF BEGINNING; THENCE CONTINUING SOUTH 0°29'22" EAST 74.17 FEET; THENCE SOUTH 85°42'57" EAST 32.45 FEET; THENCE SOUTH 16°59'48" EAST 24.14 FEET; THENCE SOUTH 89°47'23" EAST 73.42 FEET; THENCE NORTH 0°12'21" WEST 40.35 FEET; THENCE NORTH 63°20'48" EAST 35.23 FEET; THENCE NORTH 89°37' 10" EAST 124.04 FEET, MORE OR LESS, TO A POINT ON THE WEST LINE OF HURON ROAD AS DEDICATED FOR STREET PURPOSES PER DOCUMENT NUMBER 1809394, RECORDED MAY 1, 2001; THENCE SOUTH 3°28'08" EAST, ALONG SAID WEST LINE 12.02 FEET; THENCE SOUTH 89°37'10" WEST 121.89 FEET; THENCE SOUTH 63°20' 48" WEST 25.00 FEET; THENCE SOUTH 0°12'21" EAST 45.00 FEET; THENCE

**NORTH 89°47'23" WEST 94.35 FEET; THENCE NORTH 16°59'48" WEST 24.78 FEET;
THENCE NORTH 85°42'57"
WEST 35.29 FEET; THENCE NORTH 0°29'22" WEST 55.56 FEET; THENCE NORTH
45°29'22" WEST 4.00 FEET;
THENCE SOUTH 89°30'38" WEST 12.00 FEET; THENCE NORTH 0°29'22" WEST
12.00 FEET; THENCE NORTH 89°**

**30' 38" EAST 12.00 FEET; THENCE NORTH 44°30'38" EAST 4.00 FEET; THENCE
NORTH 0°29'22" WEST 12.00**

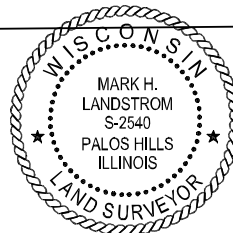
**FEET; THENCE NORTH 89°30 '38" EAST 12.00 FEET TO THE POINT OF
BEGINNING, ALL IN BROWN COUNTY, WISCONSIN, AND CONTAINING 5,198
SQUARE FEET, MORE OR LESS, THEREIN.**

EXHIBIT B

SITE SURVEY

**Site Survey prepared by Landmark Engineering LLC (Mark H.
Landstrom, S-2540) and dated 12/13/2023 attached**

TMO Signatory Level: L06
NLG-94083



MARK H. LANDSTROM
S-2540

SS 3 OF 4

~~TMO Signatory Level: L06~~
NLG-94083

~~TMO Signatory Level: L96~~
NLG-94083

EXHIBIT C

APPLICATION FOR INITIAL MODIFICATION PROJECT

[attached in accordance with Section 7.1.1.1 of this Agreement]



Green Bay Water Utility

631 S. ADAMS - P.O. BOX 1210
Green Bay, WI 54305-1210

920-448-3480
FAX 920-448-3486

ANTENNA SITE APPLICATION

Water Tower Site Name & Address: (existing site or proposed new site build)

Wireless Carrier: T-Mobile

(Complete corporate name of Wireless Carrier)

Wireless Carrier's Corporate Designation: ML84078 - 720 S. Huron Rd., Green Bay, WI

1. Name of Applicant: Fullerton Engineering, on behalf of Sprint/T-Mobile
2. Address of Applicant: 1100 E. Woodfield Rd. Suite 500, Schaumburg, IL 60176
3. Contact person for Applicant: Traci Morris Telephone: N/A
Mobile: 772.297.3503 Email: tmorris@fullerton-us.com
4. Technical Advisor (A&E firm): Fullerton Engineering Telephone: 847-908-8400
Mobile: _____ Email: _____
5. Proposed Radio Band: _____
6. Propose Radio Frequency(s): 617-806, 1695-2360 MHz
(Specify or attach a separate list)
7. Type of Service (SMR, ESMR, PCS, Cellular, Two-Way Paging, Microwave, Wi-Fi, WiMAX, etc.)
Cellular
8. Unlicensed spectrum? Y/N *(Circle One; Do the same for all below.)*
If yes, identify in detail the portions of the project to use an unlicensed spectrum. Designate this as an Attachment.
Initial here _____ to indicate Attachment has been included.
If utilizing a Distributed Antenna System (DAS), provide Radio Frequency Coverage Maps prepared by the FCC Licensee(s).
9. Request for Small Cell Site in Utility Row of Way Y/N
If yes, include the provided requirements: _____
10. Provide a coverage study to show gap in present system coverage. The study should include
 - a. Present coverage
 - b. Proposed coverage
 - c. The frequency band used for the analysis

- d. Latitude/longitude and center of radiation for all of the sites used in the coverage analysis
- e. The effective radiated power for each site
- f. The values of the signal levels for each of the coverage levels used in the study
- g. For loading sites, include all of the above and the following:
 - i. The area and distance the design is proposing to provide service
 - ii. Any data to support the loading need

11. Will this site be interconnected via radio frequency transmissions to any other site or sites now constructed, proposed, or anticipated? Y/N

Interconnection includes one or more radio frequency links for the purpose to provide for "back-haul" from this site to a switching center or centralized node location.

If yes, what will the method of interconnection be? _____

If yes, attach details and specifications.

12. Antenna equipment – Attach applicable specifications.

- a. Number of antennas 3
- b. Number of zones 3
- c. Antenna dimensions 25.197" x 71.969" x 9.252"
- d. Antenna type, manufacturer, and model no. Commscope - FFVV4-65B-R3-V1
- e. Number of Radio Units 6
- f. Radio Unit dimensions 27.6"x13.4"x5.6" / 22"x12.1"x6.5"
- g. Radio Unit type, manufacturer, and model no. Nokia - AHLOA / AHFIG
- h. Transmission line or cable manufacturer and model no. Nokia Hybrid HCS 2.0 Cable
- i. Size of cables 1.55" Number of cables 1
- j. Antenna location on the tower: Azimuth 0/120/240
(N, S, E, W, NE etc. or specify the exact antenna azimuths)
- k. GPS Antenna Y/N

If yes, provide size, dimensions, and weight:

13. Dish equipment – Attach applicable specifications

- a. Number of dishes _____ Dish dimension _____ Microwave Y/N Satellite Y/N
- b. Dish type, manufacturer and model no. _____
- c. Transmission line or cable manufacturer and model no. _____
- d. Size of cables _____ Number of cables _____
- e. Dish location on tower: _____

Initial here _____ to indicate specifications are attached.

14. Ground equipment – Attach applicable specifications

- a. Square feet required _____

- b. Inside Tower? Y/N Inside carrier's building? Y/N Outside? Y/N
- c. Number of cabinets 2 Cabinet dimensions 30"x72"x35" / 37.4"x72"x15"
- d. Number of air conditioners _____ Air conditioner description _____
- e. Generator on site? Y/N If yes, provide type, size, and proposed location.

- _____
- f. Isolator manufacturer and model no. _____
- g. Duplexer manufacturer and model no. _____
- h. Filters manufacture and model no. _____
- i. Controls used in addition to the transmitter/receiver cabinet(s)? Y/N
- If yes, how many? _____ Manufacturer and model no. _____
- Initial here _____ to indicate specifications are attached.

15. Desired date of operation: _____

16. Description of Scope of Work:

(Example: Install 3 new radio units, relocate 3 antenna, add new power plant.)

Swapping (3) antennas, add (6) radios, add (1) gps antenna, add (1) site support cabinet,
and add (1) battery cabinet

READ CAREFULLY BEFORE SIGNING

The undersigned wireless carrier agrees and acknowledges that in addition to the \$10,000 Antenna Site Application Fee, the applicant is responsible for all costs associated with the applicant's proposed system that is to be installed on City of Green Bay property, whether or not the application results in a lease or license agreement between the City and the wireless carrier.

Costs may include, but are not limited to, the following:

1. Interference analysis and inter-modulation study by the Engineering/Communications Consultant of the City.
2. Review of construction plans by the Engineering/Communications Consultant of the City.
3. Review of agreement by the City's attorney.
4. Inspection time by the Engineering/Communications Consultant of the City.
5. Site Coordination of any items (examples: antennas or utilities) performed by the City or its Engineering/Communications Consultant.
6. Surveying, if required.
7. Utility service by local utilities to bring or upgrade electrical or telephone service to the property for the use by the applicant.
8. All required permitting and licensing fees.

A certified check in the amount of \$10,000 will be required at the time of submittal of the installation plans. These escrow funds will be used by the City to pay the costs, as described above, Green Bay Water Utility incurs related to the proposed project. Unused escrow funds will be returned to the wireless carrier at the completion of the antenna installation.

Signature of person authorized to sign for or on behalf of Wireless Carrier:

Tom A Ebels Jr. Date: 3-13-2024

Name and Title of Signer:

Name: Tom A. Ebels Jr. Title: Project Manager
(Please Print Clearly)

Checks are to be made payable to: CITY OF GREEN BAY WATER UTILITY

EXHIBIT D

**APPROVED CONSTRUCTION DRAWINGS
FOR INITIAL MODIFICATION PROJECT**

[To be attached in accordance with Section 7.1.2 of this Agreement]



SPRINT RIP & REPLACE

SITE NAME: ML84078A

SITE NUMBER: ML84078A / ML15AL023

SITE ADDRESS: 720 S. HURON RD.
GREEN BAY, WI 54311

SITE TYPE: WATER TOWER



1400 OPUS PLACE
DOWNERS GROVE, IL 60515



1100 E. WOODFIELD ROAD, SUITE 500
SCHAUMBURG, ILLINOIS 60173
TEL: 847-908-8400
COA# 3620-11
www.fullerton-us.com

PROJECT INFORMATION		SCOPE OF WORK	APPLICABLE BUILDING CODES AND STANDARDS																																							
SITE NAME: ML84078A SITE NUMBER: ML84078A / ML15AL023 SITE ADDRESS: 720 S. HURON RD. GREEN BAY, WI 54311 SITE TYPE: WATER TOWER JURISDICTION: CITY OF GREEN BAY APPLICANT: T-MOBILE ADDRESS: 1400 OPUS PLACE DOWNERS GROVE, IL 60515 SITE COORDINATES: FROM RFD5 LATITUDE: 44.487283° LONGITUDE: -87.918736° GROUND ELEV. (A.M.S.L.): 778' PROPERTY OWNER: GREEN BAY WATER DISTRICT ADDRESS: 631 S. ADAMS ST. GREEN BAY, WI 54301 CONTACT: PHONE: EMAIL: NOTE: DRAWING SCALES ARE FOR 11"x17" SHEETS UNLESS OTHERWISE NOTED		THE SCOPE OF WORK CONSISTS OF: EXISTING EQUIPMENT TO BE REMOVED ALL EXISTING T-MOBILE EQUIPMENT WITHIN EXISTING WATER TOWER BELL (3) ANTENNAS, (6) RRU UNITS AND (2) MICROWAVE DISH ANTENNAS EXISTING HYBRID AND MW CABLES NEW EQUIPMENT TO BE INSTALLED (1) CHAIN LINK FENCE (1) EQUIPMENT PLATFORM W/ FULL CANOPY, STEPS AND HANDRAIL, (2) CONCRETE PADS (1) SITE SUPPORT CABINET, (1) BATTERY CABINET, (2) AIRSCALE AMIA SUBRACKS AND ALARM BOX INSIDE NEW SITE SUPPORT CABINET (1) 200A PPC, (1), CIENA, (1) HCS 2.0 JUNCTION BOX, (6) ANTENNAS, (6) RRU UNITS, (2) BREAKOUT BOXES, (3) H-FRAMES (2) HCS 2.0 HYBRID TRUNK CABLES (1) ICE BRIDGE, (2) NEW LIGHTS, TIMER SWITCH & GFCI OUTLET - CONTRACTOR SHALL FURNISH ALL MATERIAL WITH THE EXCEPTION OF T-MOBILE SUPPLIED MATERIAL. - ALL MATERIAL SHALL BE INSTALLED BY THE CONTRACTOR, UNLESS STATED OTHERWISE.	ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. BUILDING CODE: WISCONSIN COMMERCIAL BUILDING CODE 2015 INTERNATIONAL BUILDING CODE ELECTRICAL CODE: 2017 NATIONAL ELECTRICAL CODE - FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. - ADA ACCESS REQUIREMENTS ARE NOT REQUIRED. - THIS FACILITY DOES NOT REQUIRE POTABLE WATER AND WILL NOT PRODUCE ANY SEWAGE																																							
		SITE LOCATION MAP	DRAWING INDEX <table><thead><tr><th>T-1</th><th>TITLE SHEET</th></tr></thead><tbody><tr><td>N-1</td><td>GENERAL NOTES</td></tr><tr><td>N-2</td><td>COATING SPECIFICATIONS</td></tr><tr><td>SSI ~ SS4</td><td>SITE SURVEY</td></tr><tr><td>C-1</td><td>OVERALL SITE PLAN</td></tr><tr><td>C-1A</td><td>ENLARGED SITE PLAN</td></tr><tr><td>C-2</td><td>EQUIPMENT PLAN</td></tr><tr><td>C-3</td><td>SITE ELEVATION</td></tr><tr><td>C-4</td><td>ANTENNA LAYOUT AND COLOR CODING</td></tr><tr><td>C-5/C-5C</td><td>EQUIPMENT DETAILS</td></tr><tr><td>C-5D/C-5F</td><td>SITE DETAILS</td></tr><tr><td>C-6</td><td>RF PLUMBING DIAGRAM</td></tr><tr><td>E-1</td><td>OVERALL UTILITY PLAN</td></tr><tr><td>E-1A</td><td>ENLARGED UTILITY PLAN</td></tr><tr><td>E-2</td><td>ONE-LINE DIAGRAM AND PANEL SCHEDULE</td></tr><tr><td>E-3</td><td>UTILITY DETAILS</td></tr><tr><td>E-4</td><td>UTILITY DETAILS</td></tr><tr><td>G-1</td><td>GROUNDING DIAGRAM</td></tr><tr><td>G-2</td><td>GROUNDING DETAILS</td></tr></tbody></table>		T-1	TITLE SHEET	N-1	GENERAL NOTES	N-2	COATING SPECIFICATIONS	SSI ~ SS4	SITE SURVEY	C-1	OVERALL SITE PLAN	C-1A	ENLARGED SITE PLAN	C-2	EQUIPMENT PLAN	C-3	SITE ELEVATION	C-4	ANTENNA LAYOUT AND COLOR CODING	C-5/C-5C	EQUIPMENT DETAILS	C-5D/C-5F	SITE DETAILS	C-6	RF PLUMBING DIAGRAM	E-1	OVERALL UTILITY PLAN	E-1A	ENLARGED UTILITY PLAN	E-2	ONE-LINE DIAGRAM AND PANEL SCHEDULE	E-3	UTILITY DETAILS	E-4	UTILITY DETAILS	G-1	GROUNDING DIAGRAM	G-2	GROUNDING DETAILS
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PROJECT CONSULTANTS PROJECT MANAGER: T-MOBILE ADDRESS: 1400 OPUS PLACE DOWNERS GROVE, IL 60515 CONTACT: DENISE VESTUTO PHONE: (847) 737-1269 EMAIL: denise.vestuto@t-mobile.com ENGINEER: FULLERTON ENGINEERING CONSULTANTS, P.C. ADDRESS: 1100 E. WOODFIELD ROAD, SUITE 500 SCHAUMBURG, ILLINOIS 60173 CONTACT: KATELYNN MORROW, PROJECT MANAGER PHONE: (847) 562-6784 EMAIL: kmorrow@fullertonengineering.com		DIRECTIONS SCAN QR CODE FOR LINK TO SITE LOCATION MAP																																								

REV	DATE	DESCRIPTION	BY
5	01/23/23	REV. FINAL	MK
6	02/06/23	REV. FINAL	MK
7	03/27/23	REV. FINAL	RO
8	06/26/23	REV. FINAL	RO
9	08/15/23	REV. FINAL	MK
10	01/02/24	REV. FINAL	MK

I HEREBY CERTIFY THAT THESE DRAWINGS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND CONTROL, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE CODES.

SITE NAME

ML84078A

SITE NUMBER:

ML84078A /
ML15AL023

SITE ADDRESS

720 S. HURON RD.
GREEN BAY, WI 54311

SHEET NAME

TITLE SHEET

SHEET NUMBER

T-1

TMO Signatory Level: L06

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING ALL LAWS, REGULATIONS, AND RULES SET FORTH BY FEDERAL, STATE, AND LOCAL AUTHORITIES WITH JURISDICTION OVER THE PROJECT. THIS RESPONSIBILITY IS IN EFFECT REGARDLESS OF WHETHER THE LAW, ORDINANCE, REGULATION, OR RULE IS MENTIONED IN THESE SPECIFICATIONS.
2. ALL WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS, PROJECT SPECIFICATIONS, AND THE CONSTRUCTION CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND STATE LAW AS DEFINED IN THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
5. THE CONTRACTOR SHALL HAVE AND MAINTAIN A VALID CONTRACTOR'S LICENSE FOR THE LOCATION IN WHICH THE WORK IS TO BE PERFORMED. FOR JURISDICTIONS THAT LICENSE INDIVIDUAL TRADES, THE TRADESMAN OR SUBCONTRACTOR PERFORMING THOSE TRADES SHALL BE LICENSED.
6. THE CONTRACTOR SHALL PROVIDE THE NECESSARY CERTIFICATIONS OF ALL WORKERS ON THE TOWER TO THE OWNER OR THE PROJECT MANAGER UPON REQUEST.
7. THE CONTRACTOR SHALL BE EXPERIENCED IN THE PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY AND THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED.
8. PRIOR TO THE SUBMISSION OF THE BID, THE CONTRACTOR SHALL VISIT THE JOB SITE, VERIFY ALL DIMENSIONS, POTENTIAL SAFETY HAZARDS, AND BECOME FAMILIAR WITH THE FIELD CONDITIONS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER AND STRUCTURAL ENGINEERING.
9. DO NOT SCALE DRAWINGS. USE DIMENSIONS.
10. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS UNLESS SPECIFICALLY OTHERWISE NOTED.
11. ALL MATERIALS SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE DRAWINGS. ANY AND ALL SUBSTITUTIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE PROJECT MANAGER AND THE ENGINEER OF RECORD PRIOR TO PROCUREMENT.
12. ALL MEANS AND METHODS OF CONSTRUCTION DEALING WITH TOWER CONSTRUCTION AND SAFETY, STEEL ERECTION, EXCAVATIONS, SCAFFOLDING, FORMWORK, AND WORK IN CONFINED SPACES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
13. THE CONTRACTOR SHALL PROVIDE SUFFICIENT TEMPORARY BRACING AND/OR SHORING OF ALL STRUCTURAL AND NON-STRUCTURAL ELEMENTS DURING CONSTRUCTION UNTIL ALL STRUCTURAL ELEMENTS HAVE BEEN PROPERLY INSTALLED.
14. THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT MANAGER IF ANY WIRELESS CARRIER DOWNTIME WILL BE REQUIRED FOR THE PROJECT. DO NOT PERFORM ANY WORK ON THE TOWER UNTIL ALL NECESSARY DOWNTIME HAS BEEN APPROVED.
15. WORK IS TO BE CONTAINED TO THE SITE COMPOUND AREA ONLY. ANY OUTSIDE OR ADJACENT PROPERTY NEEDED FOR ACCESS OR TO COMPLETE THE WORK SHALL BE COORDINATED WITH THE PROJECT MANAGER PRIOR TO CONSTRUCTION.
16. THE CONTRACTOR SHALL COORDINATE SITE ACCESS AND SECURITY WITH THE PROPERTY OWNER AND THE PROJECT MANAGER PRIOR TO CONSTRUCTION.
17. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING SITE CONDITIONS AND UPON COMPLETION OF WORK REPAIR BACK TO ORIGINAL CONDITIONS ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION.
18. THE CONTRACTOR SHALL KEEP THE CONSTRUCTION SITE CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION, SUBJECT TO APPROVAL BY THE PROPERTY OWNER AND THE PROJECT MANAGER.
19. THE CONTRACTOR SHALL PROVIDE ON-SITE TRASH RECEPTACLES FOR COLLECTION OF NON-TOXIC DEBRIS. ALL TRASH SHALL BE COLLECTED ON A DAILY BASIS.
20. ALL TOXIC AND ENVIRONMENTALLY HAZARDOUS SUBSTANCES SHALL BE USED AND DISPOSED OF IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. UNDER NO CIRCUMSTANCES SHALL RINSING OR DUMPING OF THESE SUBSTANCES OCCUR ON-SITE.
21. UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS NECESSARY FOR CONSTRUCTION.
22. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS SHALL BE REPORTED TO THE PROJECT MANAGER AND ENGINEER, AND SHALL REQUIRE APPROVAL PRIOR TO PERFORMING ANY REMEDIAL OR CORRECTIVE ACTION.
23. THE PROJECT MANAGER MAY RETAIN THE SERVICES OF A TESTING LABORATORY TO PERFORM QUALITY ASSURANCE TESTING ON VARIOUS PORTIONS OF THE CONTRACTOR'S WORK. WHEN REQUESTED, THE CONTRACTOR SHALL INFORM THE TESTING LABORATORY AND ASSIST THEM IN COMPLETING THE TESTS.
24. THE CONTRACTOR SHALL MAINTAIN AND SUPPLY THE PROJECT MANAGER WITH AS-BUILT PLANS UPON COMPLETION OF THE PROJECT.

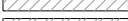
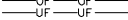
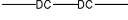
GENERAL NOTES

1 NOT USED

ABBREVIATIONS

- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- AGL ABOVE GROUND LEVEL
- AMSL ABOVE MEAN SEA LEVEL
- APPROX APPROXIMATE
- ATS AUTOMATIC TRANSFER SWITCH
- AWG AMERICAN WIRE GAUGE
- BLDG BUILDING
- BBU BASE BAND UNIT
- CLR CENTERLINE
- CLR CLEAR
- COL COLUMN
- CONC CONCRETE
- CND CONDUIT
- CRAN CENTRALIZED RAN
- C-RAN CLOUD RAN
- DWG DRAWING
- FT FOOT(FEET)
- EGB EQUIPMENT GROUND BAR
- ELEC ELECTRICAL
- EMT ELECTRICAL METALLIC TUBING
- ELEV ELEVATION
- EQUIP EQUIPMENT
- (E) EXISTING
- EXT EXTERIOR
- FND FOUNDATION
- F FIBER
- GA GAUGE
- GALV GALVANIZED
- GPS GLOBAL POSITIONING SYSTEM
- GND GROUND
- GSM GLOBAL SYSTEM FOR MOBILE COMMUNICATION
- LTE LONG TERM EVOLUTION
- MAX MAXIMUM
- MFR MANUFACTURER
- MGB MASTER GROUND BAR
- MIN MINIMUM
- MIMO MULTIPLE IN MULTIPLE OUT
- N.T.S. NOT TO SCALE
- O.C. ON CENTER
- PPC POWER PROTECTION CABINET
- P PROPERTY LINE
- RAN RADIO ACCESS NETWORK
- RBS RADIO BASED STATION
- RRH REMOTE RADIO HEAD
- RGS RIGID GALVANIZED STEEL
- IN INCH(ES)
- INT INTERIOR
- LB(S), # POUND(S)
- SF SQUARE FOOT
- STL STEEL
- Typ TYPICAL
- UNC UNLESS NOTED OTHERWISE
- UMTS UNIVERSAL MOBILE TELE-COMMUNICATION SYSTEM
- VIF VERIFY IN FIELD
- W/ WITH
- XFMR TRANSFORMER

SYMBOLS

-  REVISION
-  WORK POINT
-  UTILITY POLE
-  BRICK
-  COMPRESSED STONE
-  CONCRETE
-  EARTH
-  GRAVEL
-  MASONRY
-  STEEL
-  CENTERLINE
-  PROPERTY LINE
-  LEASE LINE
-  EASEMENT LINE
-  FENCE
-  CHAINLINK
-  WOOD
-  WROUGHT IRON
-  ELECTRIC OVERHEAD
-  UNDERGROUND
-  FIBER OVERHEAD
-  UNDERGROUND
-  TELEPHONE OVERHEAD
-  UNDERGROUND
-  DCPower



SECTION REFERENCE



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SHEET NAME

GENERAL NOTES

SHEET NUMBER

N-1

TMO Signatory Level: L06

SECTION 09 97 15

COATING SYSTEMS FOR TELECOMMUNICATION EQUIPMENT

PART 1 GENERAL

1.01 SUMMARY

- A. Section includes painting and painting repair work associated with the installation of antennas, coaxial cables, and other common components with direct attachment to water tank facilities.

1.02 REFERENCES

- A. Society for Protective Coatings (SSPC):
www.sspc.org
1. Volume 1: Good Painting Practice
2. Volume 2: Systems and Specifications

1.03 SUBMITTALS

- A. Product Data: Submit data sheet for each coating system.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Manufacturers:
1. Sherwin Williams Company www.sherwin-williams.com
2. Tnemec Company www.tnemec.com
3. X-I-M Products www.ximbonder.com

PART 3 EXECUTION

3.01 EXAMINATION

- A. Visually evaluate surface preparation by comparison with pictorial standards of SSPC-VIS-1-S9.

3.02 PREPARATION

- A. Remove all surface contaminants in accordance with SSPC-SP1 Solvent Cleaning.
1. Do not use hydrocarbon solvents on surfaces to be coated with water-based coatings.
- B. Clean and remove all rust, slag, weld splatter, weld scabs, mill scale, and loose paint.
- C. Protect areas adjacent to welding & or grinding operations to prevent damage of surrounding intact paint system.
- D. Ferrous Metal: SSPC-SP6 Commercial Blast Cleaning
- E. Galvanized Steel: SSPC-SP7 Brush Off Blast
- F. Antenna Covers, Coaxial Cable, Non-metallic Substrates and Previously Painted Surfaces: Scarify to de-gloss. SSPC-SP1 with a non-hydrocarbon solvent.
- G. Surface profile shall be in accordance with manufacturer's product recommendation.
- H. Re-blast all surfaces:
1. Where rusting has occurred.
2. That do not meet the requirements of these specifications.

3.03 APPLICATION

- A. Coatings shall be applied in accordance with manufacturer's printed instructions.

- B. Surfaces to be coated shall be clean, dry, and free of airborne dust and contaminants at the time of application and while film is forming.
- C. Finish coat shall be uniform in color and sheen without streaks, laps, runs, sags or missed areas.
- D. Shop Painting: Tape-off (2-inch minimum) surfaces that will be in the *Heat-Affected-Zone* during field welding.
- E. Component Painting:
1. Interior Exposed Ferrous Metal and Galvanized Steel:
a. Product: Sherwin Williams Macropoxy 646 or Tnemec Series 161
1) Number of Coats: 2
2) Dry Film Thickness: 4.0–6.0 mils (per coat)
3) Color: By Owner
2. Exterior Exposed Ferrous Metal and Galvanized Steel:
a. Primer: Sherwin Williams Macropoxy 646 or Tnemec Series 161 or N69
1) Number of Coats: 1
2) Dry Film Thickness: 4.0–6.0 mils
3) Color: By Owner
b. Finish: Sherwin Williams Acrolon 218 or Tnemec Series 10740/10750
1) Number of Coats: 1
2) Dry Film Thickness: 2.0–3.0 mils
3) Color: By Owner
3. Antenna Covers:
a. Primer: Sherwin Williams Pro-Cryl Primer
1) Number of Coats: 1
2) Dry Film Thickness: 2.0–4.0 mils
b. Finish: Sherwin Williams Sher-Cryl HPA
1) Number of Coats: 1
2) Dry Film Thickness: 2.5–4.0 mils
3) Color: By Owner
4. Coaxial Cable
a. Primer: X-I-M 1136
1) Number of Coats: 1
2) Dry Film Thickness: 2.0–3.0 mils
b. Finish: Sherwin Williams Sher-Cryl HPA
1) Number of Coats: 1
2) Dry Film Thickness: 2.5–4.0 mils
3) Color: By Owner

3.04 REPAIR OF AREAS DAMAGED BY WELDING

- A. Prepare the damage by one of the two following methods as directed by the Engineer.
1. Abrasive-blast to SSPC-SP6.
2. Mechanically clean to SSPC-SP11.
- B. Feather edges to provide smooth coating transition.
- C. Apply prime coat to bare metal surface.
- D. Mask off rectangular area around prime coat.
- E. Apply finish coat.

3.05 QUALITY CONTROL

- A. Measure dry film thickness with a magnetic film thickness gage in accordance with SSPC-PA2.
- B. Visually inspect dried film for runs, sags, dry spray, overspray, embedded particles and missed areas.
- C. Repair defective or damaged areas in accordance with Articles 3.02 and 3.03.

END OF SECTION

Coating Systems for Telecommunication Equipment
09 97 15 - 1

Coating Systems for Telecommunication Equipment
09 97 15 - 2



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SHEET NAME

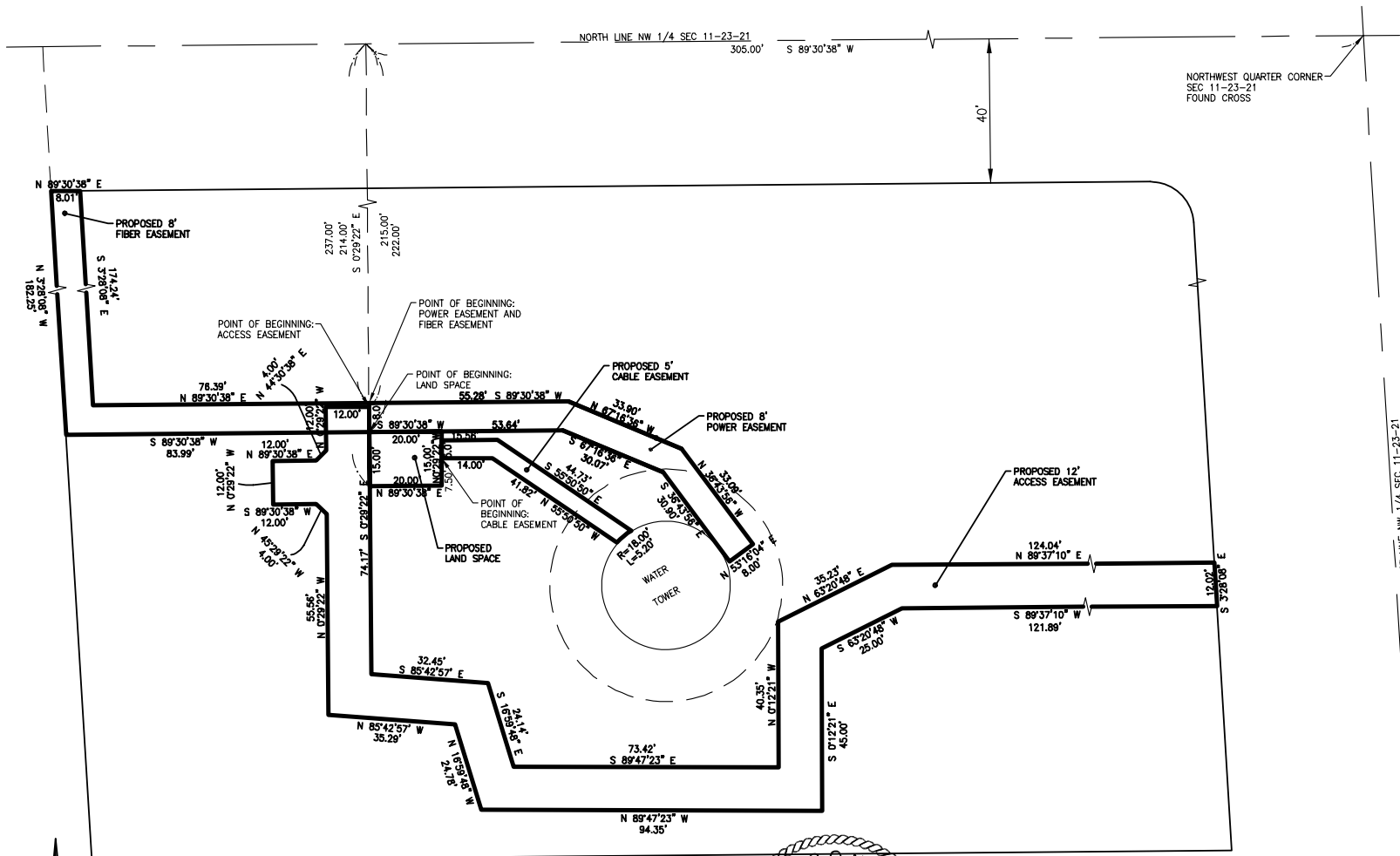
COATING
SPECIFICATIONS

SHEET NUMBER

N-2

TMO Signatory Level: L06

TMO Signatory Level: L06
NLG-94083



DATED AT PALOS HILLS, ILLINOIS, THIS 13TH DAY OF DECEMBER, A.D. 2023.

MARK H. LANDSTROM
S-2540

T-Mobile
8550 W. Bryn Mawr Ave.
Suite 100
Chicago, Illinois 60631
OFFICE: (773) 444-5400
FAX: (773) 444-5500

FULLERTON
ENGINEERING • DESIGN
1100 E. WOODFIELD ROAD, SUITE 500
SCHLAUMBURG, ILLINOIS 60173
TEL: 847-908-8400
www.FullertonEngineering.com

7	12/13/23	COMMENTS
6	12/06/23	POWER EASEMENT
5	11/15/23	EASEMENTS
4	10/30/23	SITE SURVEY
3	2/22/23	DOCUMENT NUMBERS
2	10/3/22	SITE SURVEY
1	9/29/22	PRELIMINARY

LANDMARK
ENGINEERING, LLC
DESIGN FIRM REGISTRATION NO. 194-000577
7808 WEST 103RD STREET
PALOS HILLS, ILLINOIS 60465-1529
Phone (708) 598-3737
PROJECT No. 22-09-015

**ML84078A/
ML15AL023**

720 S. HURON ROAD
GREEN BAY, WI 54311
BROWN COUNTY

SHEET TITLE
SITE SURVEY

SHEET NUMBER
SS 3 OF 4

TWO Signatory Levels L06
NLG-94083

TMO Signatory Level: L06
NLG-94083



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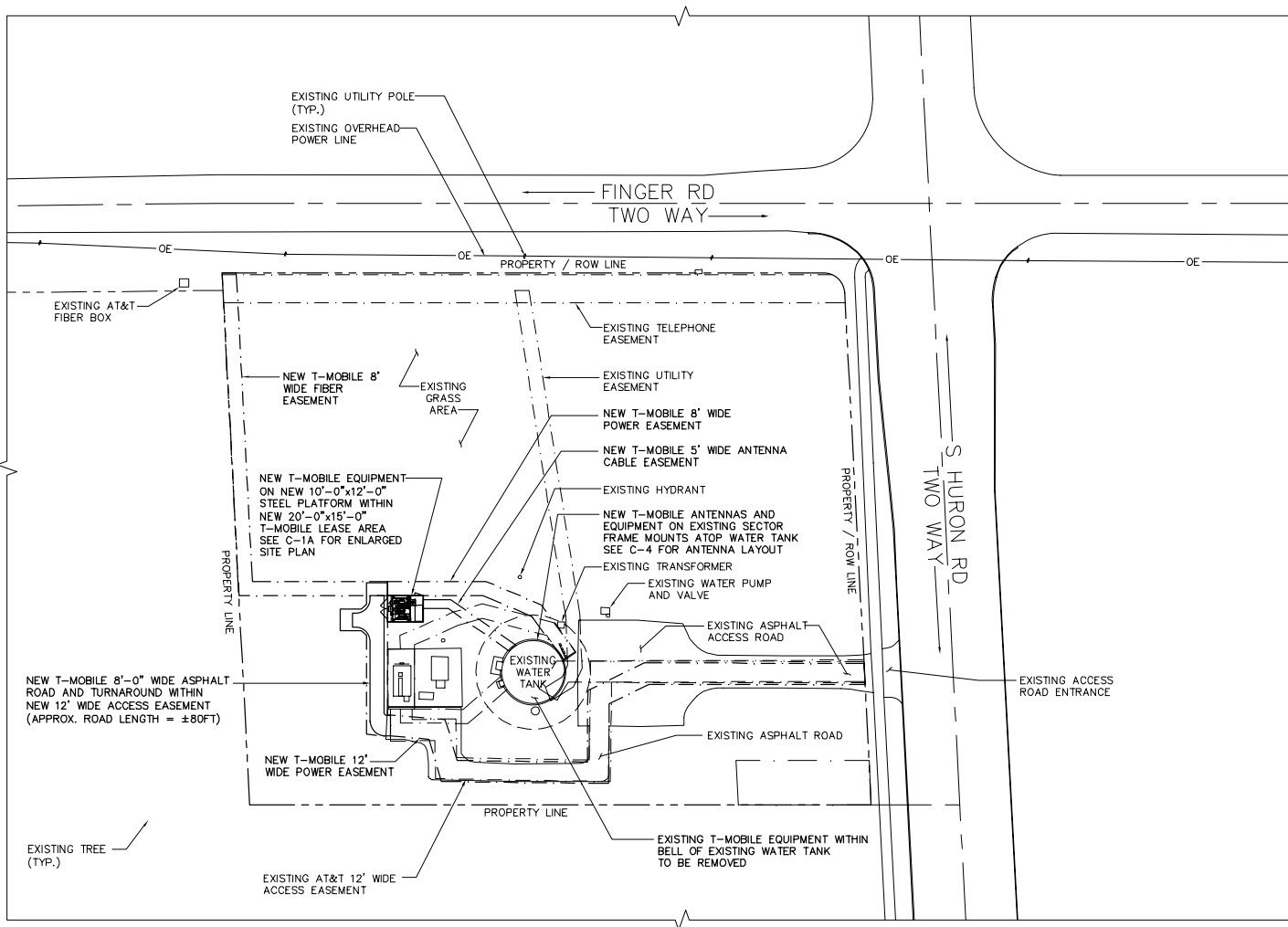
SHEET NAME

OVERALL
SITE PLAN

SHEET NUMBER

C-1

TMO Signatory Level: L06

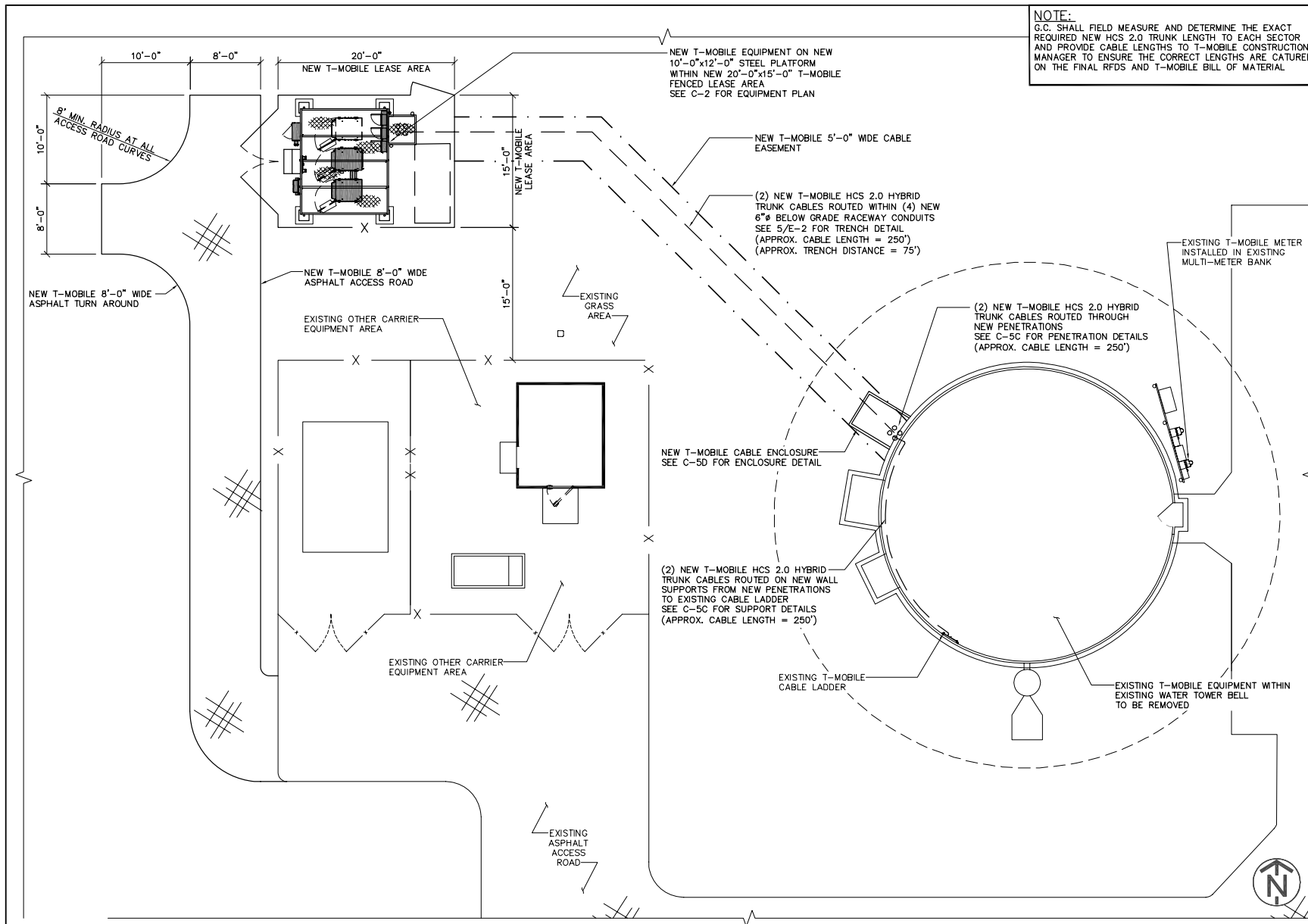


OVERALL SITE PLAN

SCALE: 1/8" = 1'-0" 1



PROJ# 24080.0214.0103



NOTE:
G.C. SHALL FIELD MEASURE AND DETERMINE THE EXACT REQUIRED NEW HCS 2.0 TRUNK LENGTH TO EACH SECTOR AND PROVIDE CABLE LENGTHS TO T-MOBILE CONSTRUCTION MANAGER TO ENSURE THE CORRECT LENGTHS ARE CAPTURED ON THE FINAL RFDS AND T-MOBILE BILL OF MATERIAL



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SHEET NAME

ENLARGED
SITE PLAN

SHEET NUMBER

C-1A

TMO Signatory Level: L06

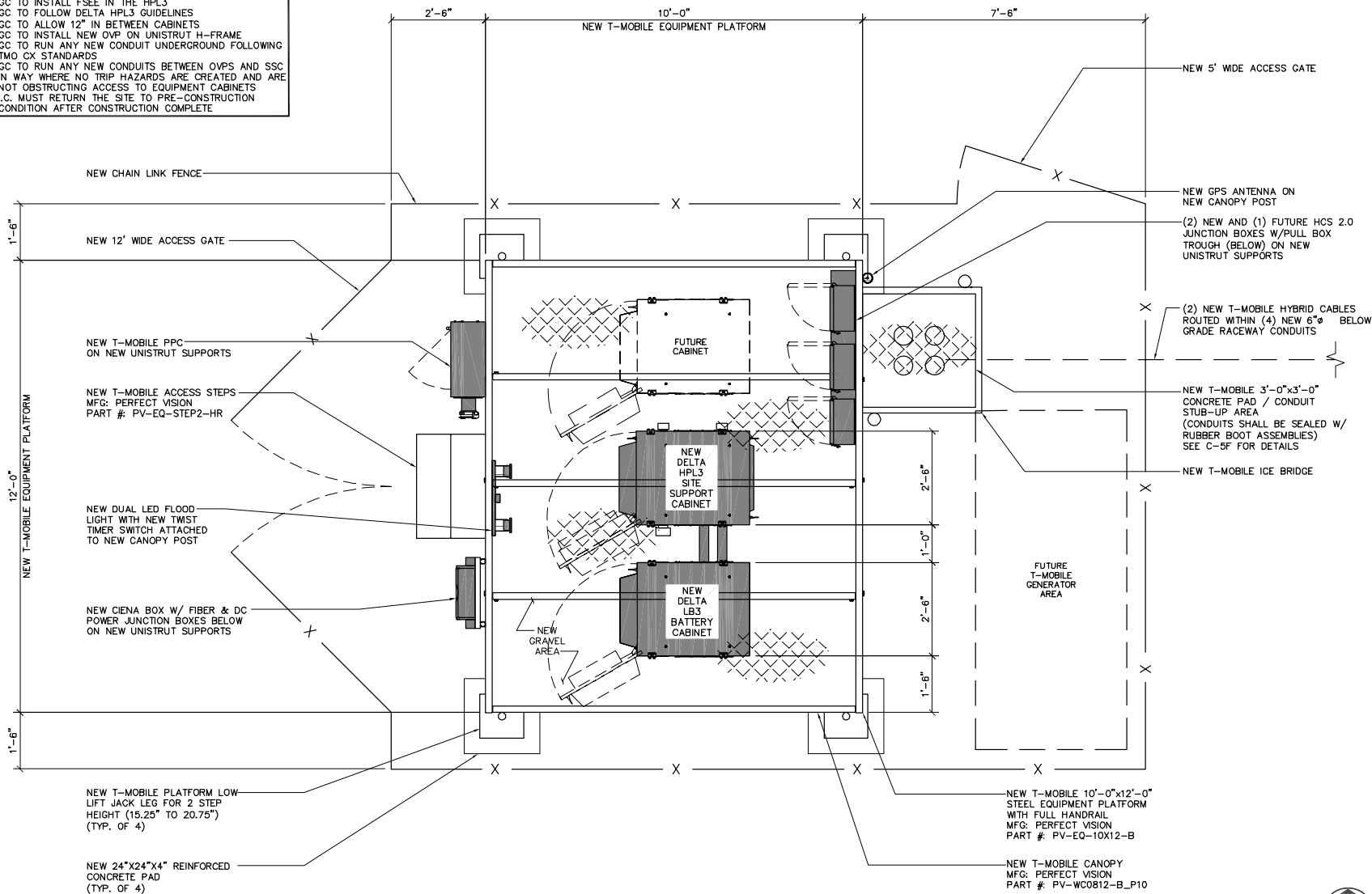
ENLARGED SITE PLAN

SCALE: 1/8" = 1'-0" 1

PROJ# 24080.0214.0103

NOTES:

1. GC TO ENSURE THERE IS NO OBSTRUCTION WITHIN 24" OF THE REAR HATCH FOR EASE OF ACCESS
2. GC TO INSTALL FSEE IN THE HPL3
3. GC TO FOLLOW DELTA HPL3 GUIDELINES
4. GC TO ALLOW 12" IN BETWEEN CABINETS
5. GC TO INSTALL NEW OVP ON UNISTRUT H-FRAME
6. GC TO RUN ANY NEW CONDUIT UNDERGROUND FOLLOWING TMO CX STANDARDS
7. GC TO RUN ANY NEW CONDUITS BETWEEN OVPS AND SSC IN WAY WHERE NO TRIP HAZARDS ARE CREATED AND ARE NOT OBSTRUCTING ACCESS TO EQUIPMENT CABINETS
8. G.C. MUST RETURN THE SITE TO PRE-CONSTRUCTION CONDITION AFTER CONSTRUCTION COMPLETE



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SITE ADDRESS

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SHEET NAME

EQUIPMENT PLAN

SHEET NUMBER

C-2

TMO Signatory Level: L06

EQUIPMENT PLAN

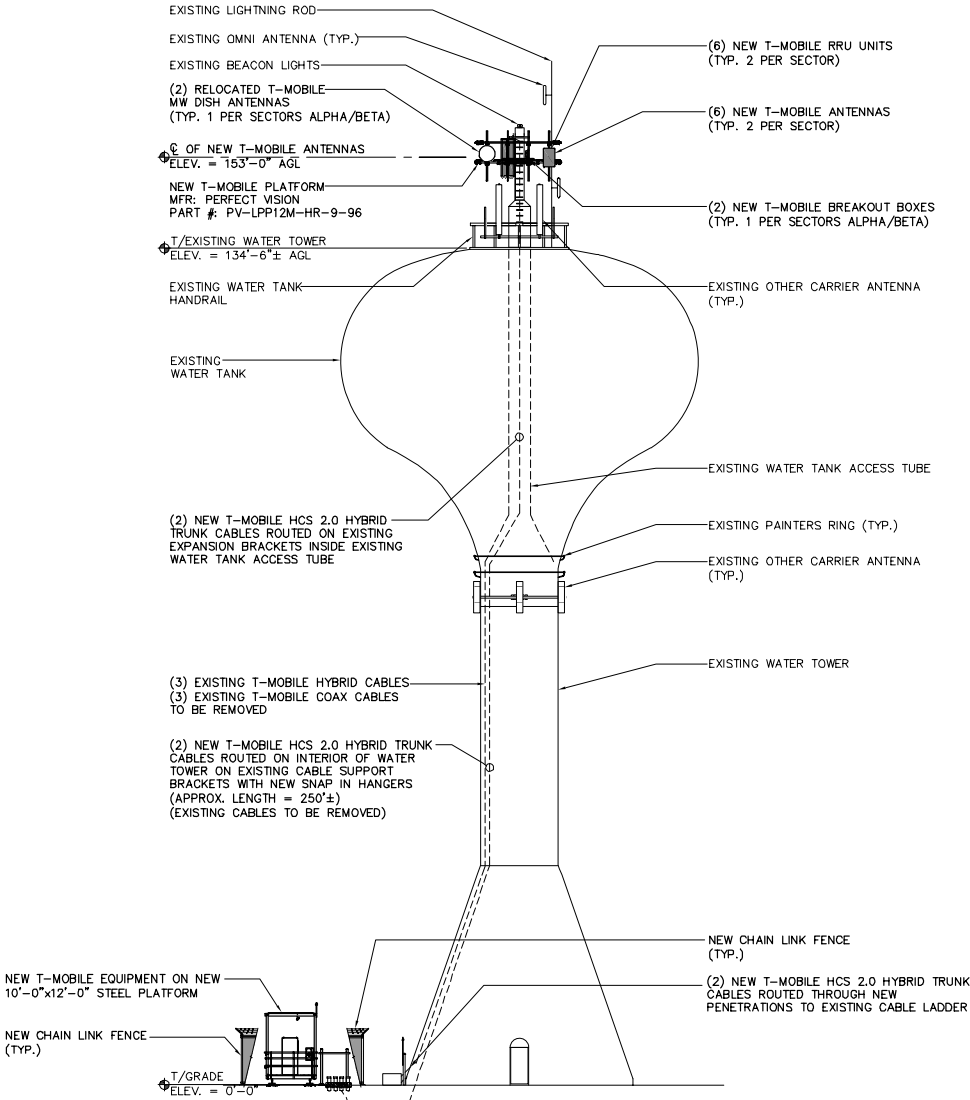
SCALE: 3/8" = 1'-0" 1



PROJ: 10394080.0214.0103

NOTES:

1. CALCULATIONS FOR THE STRUCTURE AND ANTENNA MOUNTS WERE PREPARED BY FULLERTON AND THOSE CALCULATIONS CERTIFY THE CAPACITY OF THE STRUCTURE TO SUPPORT THE NEW EQUIPMENT
2. PROPOSED ANTENNAS, MOUNTING PIPES, HORIZONTAL MEMBERS AND ANY REPLACEMENT SECTOR FRAME PARTS INSTALLED ON THE EXTERIOR OF THE WATER TOWER SHALL BE SHOP PAINTED TO MATCH THE COLOR OF THE WATER TOWER (VERIFY COLOR).
3. ALL ATTACHMENTS TO PAINTED SURFACES ARE TO INCLUDE THE PLACEMENT OF NEOPRENE STRIPS BETWEEN HARDWARE AND POINTS OF CONTACT TO REDUCE/ELIMINATE DAMAGE TO THE PAINTED SURFACE. METAL SHIMS ARE REQUIRED IN SITUATIONS WHERE TIGHTENING A CLAMP MAY CAUSE THE NEOPRENE TO TEAR CAUSING METAL TO METAL CONTACT. WHERE POSSIBLE EXPOSED NEOPRENE SHOULD BE WRAPPED WITH WHITE TAPE. FASTENING SEQUENCE SHOULD INCLUDE NYLON WASHERS BETWEEN THE PAINTED SURFACE AND THE GALVANIZED WASHER
4. PROPOSED MOUNTING PIPES ARE TO HAVE WELDED END CAPS. EXISTING MOUNTING PIPES ARE TO BE CAPPED AT BOTH ENDS WITH RUBBER CAPS
5. CONTRACTOR TO TOUCH UP PAINTING ON EXISTING ANTENNAS. SPOT REPAIRS MADE WITH BRUSH AND W/O FEATHERING SHOULD BE COMPLETELY ROLLED FOR UNIFORMITY
6. CONTRACTOR TO TOUCH UP EXISTING ANTENNA MOUNTING PIPES AND SECTOR FRAMES, DEPENDING UPON THEIR CONDITION (DAMAGED/FAILED), THE CITY MAY REQUEST REPLACEMENT
7. ALL EXPOSED JUMPERS AND CABLES ARE TO BE PROVIDED WITH MANUFACTURED WHITE JACKETING OR TAPED WHITE.
8. ALL MOUNTING HARDWARE IS TO BE GALVANIZED AND/OR PROVIDED IN A NON-CORRODING MATERIAL.
9. ALL ABANDONED ANTENNAS, COAXIAL CABLE AND DETACHABLE EQUIPMENT THAT ARE NO LONGER USED ARE TO BE REMOVED DURING THE FINAL MIGRATION.
10. THE EXTERIOR AND DRY INTERIOR ENDS OF THE PIPE PENETRATIONS WITH HYBRID CABLES SHALL BE SEALED WITH RUBBER BOOT ASSEMBLIES AND WEATHER RESISTANT CAULK. SPRAY FOAM, BUTYL, AND TAPE ARE NOT ACCEPTABLE ALTERNATIVES
11. ALL PORT PLATE BOOTS MUST BE BLANKS (OTHER THAN PORTS IN USE) AND ENSURE ALL HOLES ARE SEALED SHOWING NO DAYLIGHT
12. ALL EQUIPMENT IS TO BE IDENTIFIED BY THE TENANT.
13. NEW HCS 2.0 TRUNK TO BE PROPERLY ATTACHED ONTO EXISTING ROUTING COMPONENTS USED BY T-MOBILE OR PROPERLY STACKED ONTO EXISTING T-MOBILE CABLES
14. NEW HCS 2.0 TRUNK CANNOT BE ATTACHED TO OR BEHIND THE LADDER IN THE ACCESS TUBE
15. ANY NEW EQUIPMENT THAT IS NEED ON THE ROOF OF TANK CANNOT BE PULLED UP ON THE ROOF OVER THE ROOF KNUCKLE
16. DECOMM SPRINT EQUIPMENT, PER RFDS. STD PROCESS W/ 48 HOUR NOTIFICATION. GC TO COORDINATE W/ TM RF.
17. SEE RFDS AND PORT MATRIX FOR ANTENNA AND EQUIPMENT PLACEMENT



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720 S. HURON RD.
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SHEET NAME

SITE ELEVATION

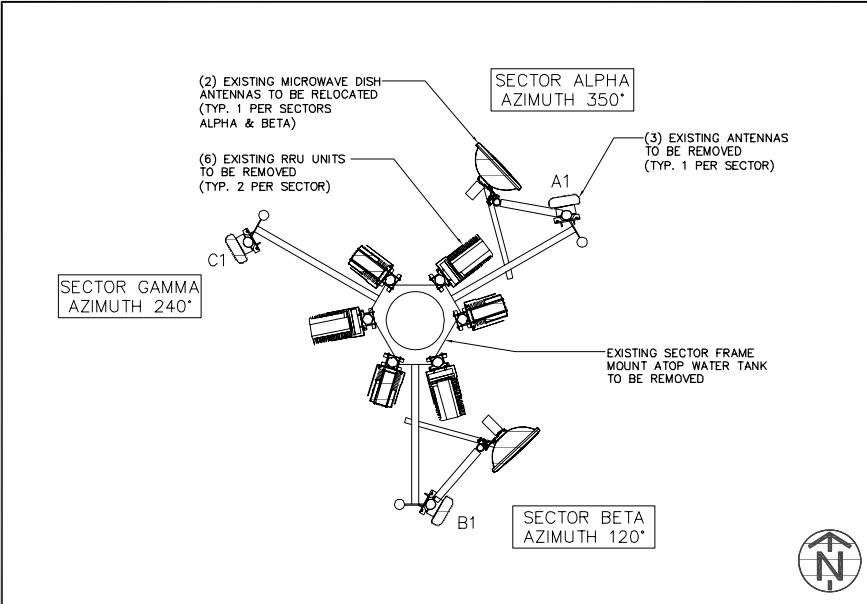
SHEET NUMBER

C-3

TMO Signatory Level: L06

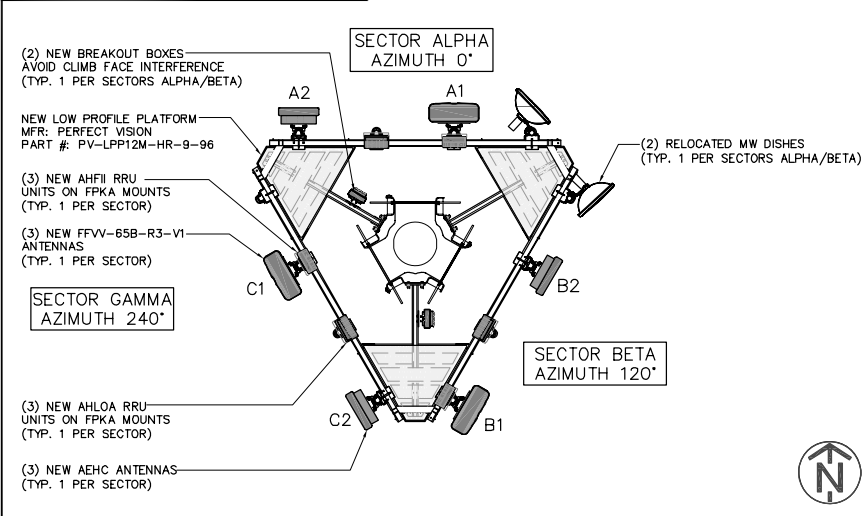
ELEVATION

SCALE: 1" = 20'-0" 1



EXISTING ANTENNA LAYOUT SCALE: 1/4" = 1'-0" 1

NOTE:
1. NEW ANTENNAS, EQUIPMENT AND HARDWARE SHALL BE PAINTED TO MATCH EXISTING WATER TANK.



NEW ANTENNA LAYOUT SCALE: 3/16" = 1'-0" 2

ANTENNA SCHEDULE						
SECTOR	ALPHA		BETA		GAMMA	
ANTENNA POSITION	A1	A2	B1	B2	C1	C2
ANTENNA TYPE	L600+N600+L1900+G1900+L2100	N2500	L600+N600+L1900+G1900+L2100	N2500	L600+N600+L1900+G1900+L2100	N2500
AZIMUTH	0°	0°	120°	120°	240°	240°
RAD CENTER (AGL)	153'-0"	153'-0"	153'-0"	153'-0"	153'-0"	153'-0"
ANTENNA MODEL	COMMSCOPE - FFVV-65B-R3-VI	NOKIA - AEHC	COMMSCOPE - FFVV-65B-R3-VI	NOKIA - AEHC	COMMSCOPE - FFVV-65B-R3-VI	NOKIA - AEHC
RRU MODEL	(1) AHLOA+(1) AHFII	-	(1) AHLOA+(1) AHFII	-	(1) AHLOA+(1) AHFII	-
HYBRID TRUNK LENGTH	(2) 250'± HCS 2.0 HYBRID CABLES					
HYBRID JUMPER LENGTH	15'-0"	-	15'-0"	-	15'-0"	-
RF JUMPER LENGTH	8'-0"	-	8'-0"	-	8'-0"	-

NOTE:
GC TO FIELD VERIFY ALL REQUIRED HCS & JUMPER LENGTHS, PRIOR TO CONSTRUCTION

ANTENNA TABLE 3

Coax Color Coding

☐ Antennas will be labeled (back of antenna view) Right to left 1 - X ports

☐ Coax/Jumper lines will be identified by sector color and by number of bands around the coax/jumper

Sector	Color
Sector A	Green
Sector B	Blue
Sector C	Blue
Sector D	Yellow
Sector E	White
Sector F	Purple
LMU	Brown + Sector Color Bands (1,2)
Fiber ID	Grey
Unused Coax	Grey
Microwave	Orange
PWE T-1's + GPS Downlink cable	ID w/Label Marker

Front of the Antenna

Example - Coax with four bands of RED tape will represent Alpha sector and the 4th port of antenna.

NEW COLOR CODING 4

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DESIGN DEVELOP CONSTRUCT

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SHEET NAME
ANTENNA LAYOUT AND COLOR CODING

SHEET NUMBER
C-4

TMO Signatory Level: L06

LEFT SIDE Power / Fiber KNOCK OUT ASSIGNMENTS - *Chicago Approved Alternatives*

***In Chicago, A single 3" Conduit run may be used for the following:

(1) for all COVP DC power cables, and (1) for all COVP Fiber & GPS Cables. Both will run from HPL3 to COVP Pull Box.

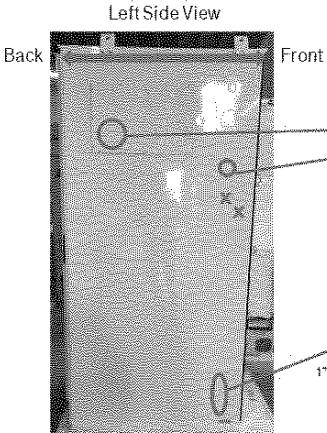
Power connection at cab will use 4" Meyers Hub with reducing bushing to 3" nipple, to LR and conduit out to COVP Pull Box.

Fiber Connection will use 3" Meyers Hub with LL at 3" Knockout above current Fiber knockout location.

NOTE:

Fiber must be installed inside flexible / rigid conduit to prevent animal/insect damage from chewing on the soy-based fiber jackets.

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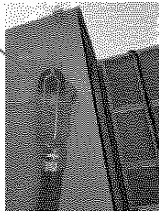
Use 4" Knockout



DC Power connection at cab will use 4" Meyers Hub with reducing bushing to 3" nipple, to LR and conduit out to COVP Pull Box.

3" (knockout) used for Fiber & GPS Cable with LL Fitting. (2" will not be used for fiber in this config)

All conduits must be supported properly.



1" Bottom Left side knockouts intended for:

1. PPC-LOCP Alarming
2. Fiber/Ethernet for AAV
3. AAV/Ciena DC Power

* Use the correct sized Meyers Hub for your knockouts!
* Do NOT punch out the middle of a knockout!
* Do not drill out the middle of a knockout.
* Do not screw directly into cabs for any reason!
* Secure all connections properly. When Meyers Hubs are installed with proper gasket, caulk is not needed.

KNOCKOUT RIGHT SIDE DETAIL

SCALE: N.T.S. 1

RIGHT SIDE KNOCK OUT ASSIGNMENT

Right Side View

Front

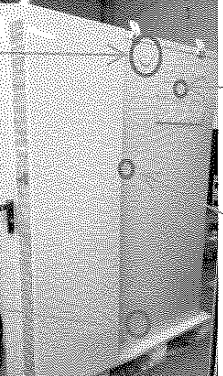
Back

Battery cable route knockout: With the fixed length of Battery Cable provided, this is the preferred knockout to be used.

The Maximum distance between the SSC and Batt. Cab that the cable can support is 12 inches.

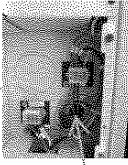
Intended for AC input cables from the PPC. The rear 3" knockout is used for a 3" Meyers Hub with reducer to 2" Rigid LL, to run the (3) 3/0 & (1) #4 to the PPC for 200A service. The 2.5" Port for 100A Service will not be used at this time. Make sure to leave 12" between the HPL3 & LB3 / SB3 only.

* Use the correct sized Meyers Hub for your knockouts!
* Do NOT punch out the middle of a knockout!
* Do not drill out the middle of a knockout.
* Do not screw directly into cabs for any reason!
* Secure all connections properly. When Meyers Hubs are installed with proper gasket, caulk is not needed.



Use the correct sized Meyers Hub for your knockouts! Do NOT punch out the middle of a knockout! Do not drill out the middle of a knockout.

Middle 2" knockout is used for DC and Alarm cabling to the Battery cabinet.



This 2" knockout is used for the AC cable LR connection, to wrap down and around rear of LB3 / SB3, to the same port on the Battery cabinet.



KNOCKOUT LEFT SIDE DETAIL

SCALE: N.T.S. 2

NOT USED

SCALE: N.T.S. 3



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SITE NAME

ML84078A

SITE NUMBER:

ML84078A /
ML15AL023

SITE ADDRESS

720 S. HURON RD.
GREEN BAY, WI 54311

SHEET NAME

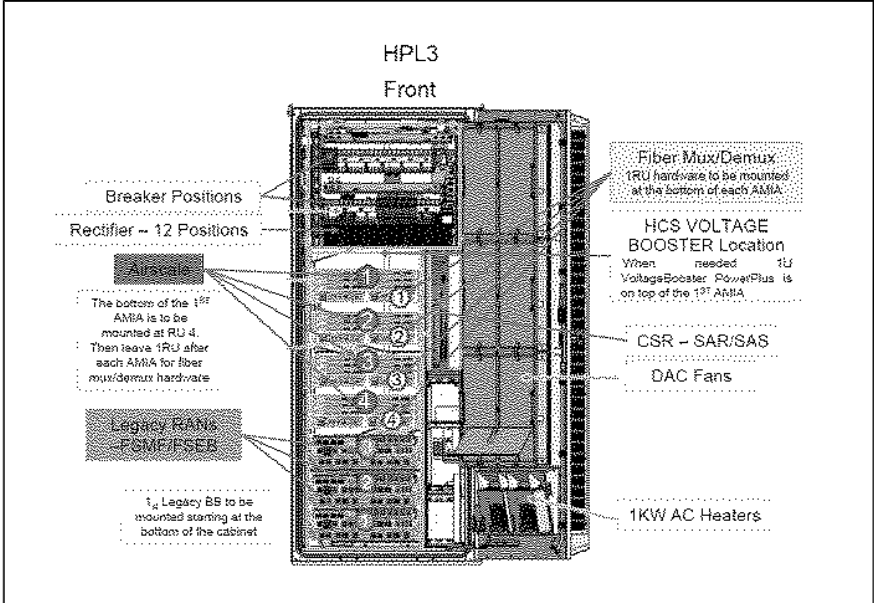
EQUIPMENT
DETAILS

SHEET NUMBER

C-5A

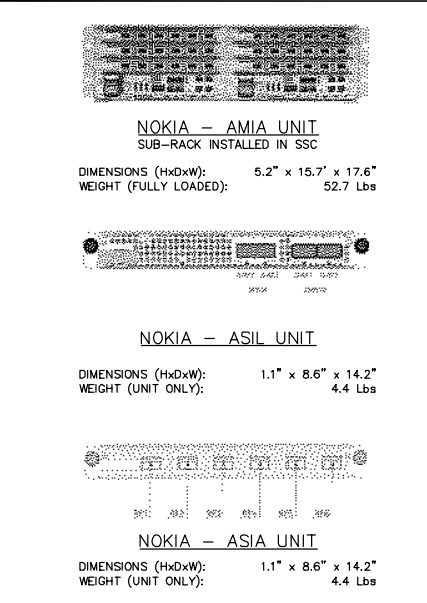
TMO Signatory Level: L06

PROB03-24080.0214.0103



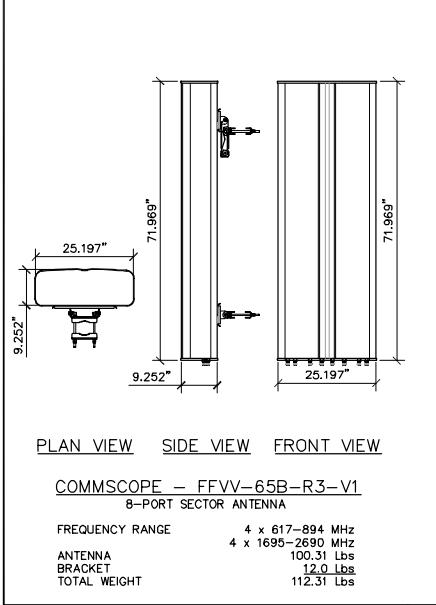
CABINET LAYOUT

SCALE: N.T.S. 1

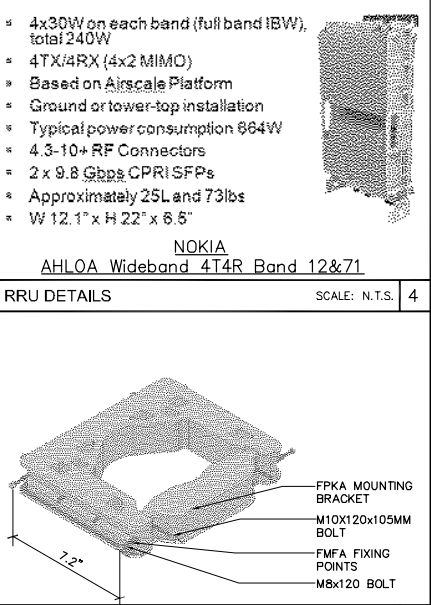


SITE SUPPORT MODULES

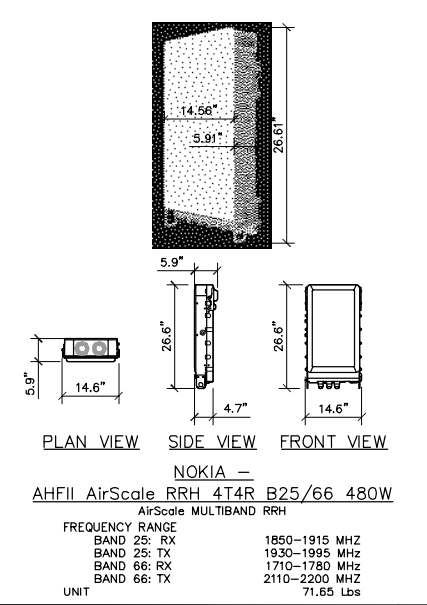
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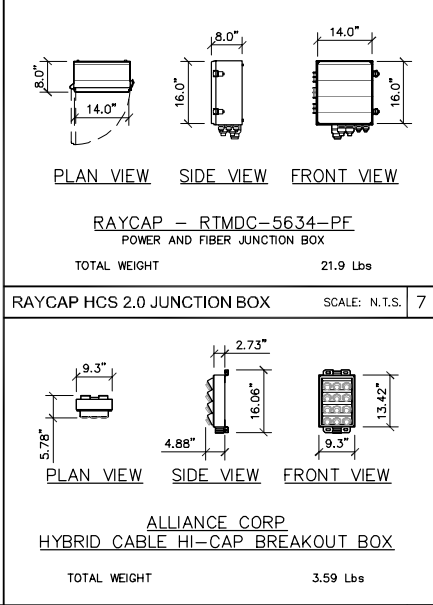
COMMScope FFVV-65B-R3-V1 DETAIL SCALE: N.T.S. 3



FPKA DETAIL SCALE: N.T.S. 5



RRU DETAILS SCALE: N.T.S. 6



BREAKOUT BOX SCALE: N.T.S. 8

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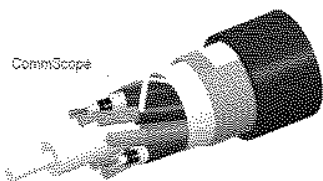
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SITE NUMBER:
ML84078A / ML15AL023

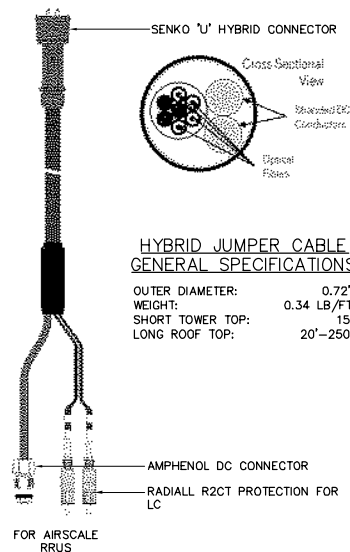
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SHEET NAME
EQUIPMENT
DETAILS

SHEET NUMBER
C-5B
TMO Signatory Level: L06



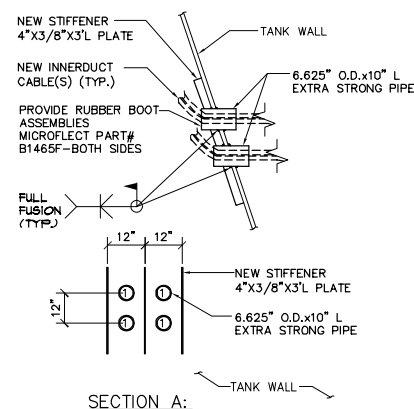
CHARACTERISTICS	ALLIANCE	COMMSCOPE	NWS
OUTER DIAM	1.46"	1.55"	1.48"
WEIGHT	1.61 LB/FT	1.71 LB/FT	1.68 LB/FT
MIN. BEND RAD	14.6"	18.6"	21.5"
DC CONDUCTORS	12x6 AWG	12x6 AWG	12x6 AWG
ARMOR	CORRUGATED CU	CORRUGATED AL	CU TAPE, PVC
CONDUCTOR TERM.	NONE	NONE	NONE
SINGLE-MODE FIBERS	48	48	48
FIBER TERMINATION	LC PAIR	LC PAIR	LC PAIR



HYBRID JUMPER CABLE GENERAL SPECIFICATIONS

OUTER DIAMETER: 0.72"
WEIGHT: 0.34 LB/FT
SHORT TOWER TOP: 15'
LONG ROOF TOP: 20'-250'

- 1) REDUCE TANK CONTENTS BY 50% OR MORE BEFORE CUTTING SHELL FOR PENETRATIONS.
- 2) WELD STIFF PLATES BEFORE ANY PENETRATION
- 3) CUT SLEEVE HOLE ONE & WELD PIPE SLEEVE IN PLACE
- 4) CUT SLEEVE HOLE #2 & WELD PIPE SLEEVE IN PLACE
- 5) REPEAT SEQUENCE FOR ALL HOLES



SECTION A:

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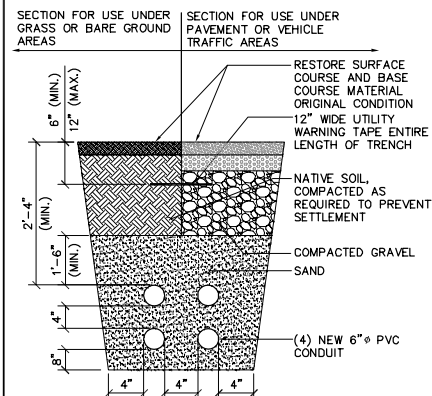
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8	06/26/23	REV. FINAL	F
9	08/15/23	REV. FINAL	F
10	01/02/24	REV. FINAL	M

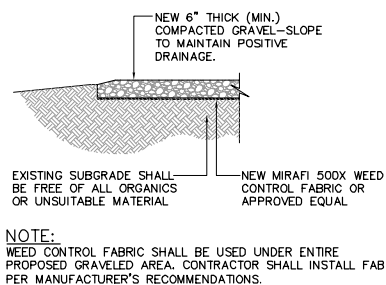
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PENETRATION DETAIL	SCALE: N.T.S.	3
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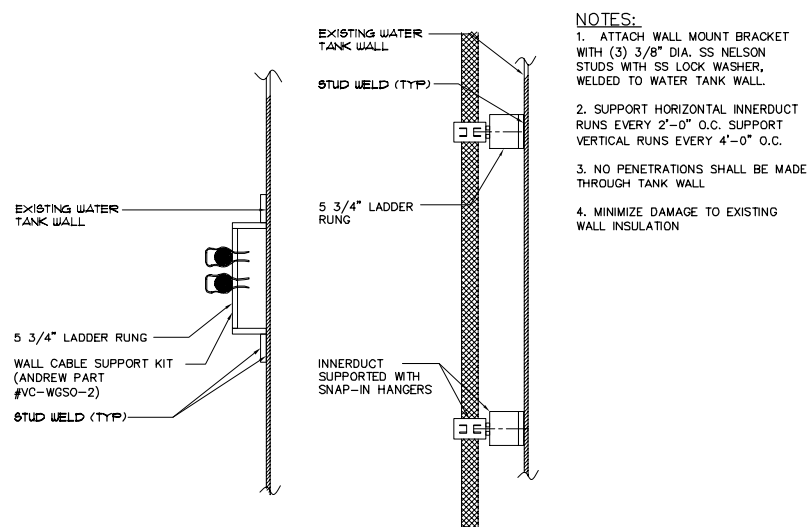


1. CONTRACTOR TO VERIFY LOCAL UTILITY REQUIREMENTS FOR DEPTH, SIZE & SEPARATION OF CONDUITS PRIOR TO INSTALLATION. NOTIFY CONSTRUCTION MANAGER IMMEDIATELY OF ANY DISCREPANCIES.

2. CONTRACTOR TO CALL 811, 48 HRS PRIOR TO EXCAVATING FOR UNDERGROUND UTILITY LOCATIONS. LOCATION SURROUNDING EXCAVATED AREA MUST BE PRIVATELY LOCATED FOR NON-PUBLIC UTILITIES.



NOTE:
WEED CONTROL FABRIC SHALL BE USED UNDER ENTIRE
PROPOSED GRAVELED AREA. CONTRACTOR SHALL INSTALL FABRIC
PER MANUFACTURER'S RECOMMENDATIONS.



1. ATTACH WALL MOUNT BRACKET WITH (3) 3/8" DIA. SS NELSON STUDS WITH SS LOCK WASHER, WELDED TO WATER TANK WALL.
2. SUPPORT HORIZONTAL INNERDUCT RUNS EVERY 2'-0" O.C. SUPPORT VERTICAL RUNS EVERY 4'-0" O.C.
3. NO PENETRATIONS SHALL BE MADE THROUGH TANK WALL
4. MINIMIZE DAMAGE TO EXISTING WALL INSULATION

SITE NAME	
-----------	--

ML84078A

SITE NUMBER:

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ML15AL023

SITE ADDRESS

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SHEET NAME

EQUIPMENT DETAILS

SHEET NUMBER

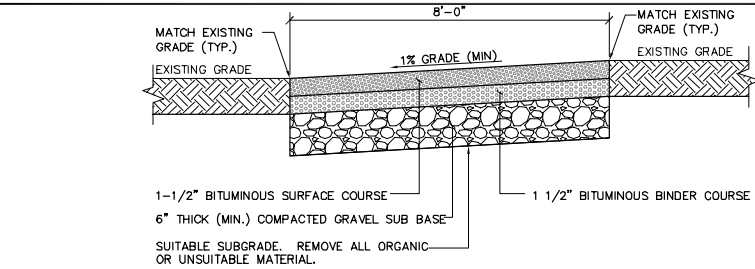
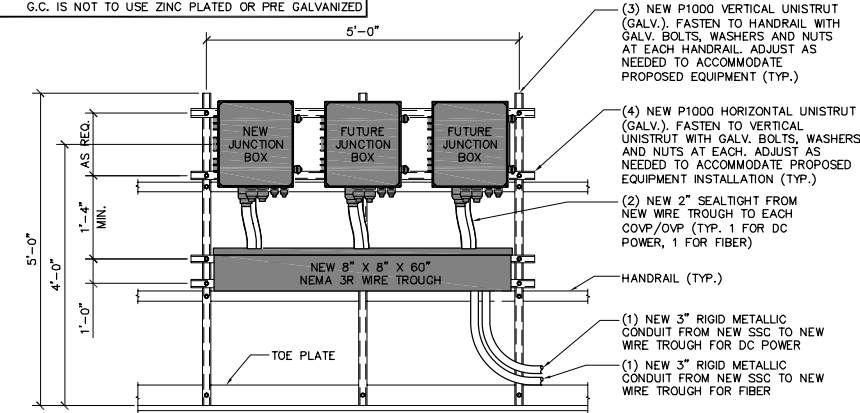
C-5C

TMO Signatory Level: L06

PROMLG#94080.0214.0103

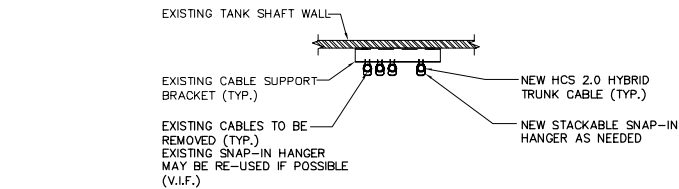
NOTES:

- GC SHALL ROUTE ANY NEW CONDUITS BETWEEN OVPS AND HPL3 CABINET SO THAT NO TRIP HAZARDS OR OBSTRUCTIONS ARE CREATED
- ALL UNISTRUT, FASTENERS, HARDWARE ETC ARE TO BE EITHER HOT DIPIPED GALVANIZED OR STAINLESS STEEL. G.C. IS NOT TO USE ZINC PLATED OR PRE GALVANIZED



ACCESS ROAD DETAIL

SCALE: N.T.S. 2

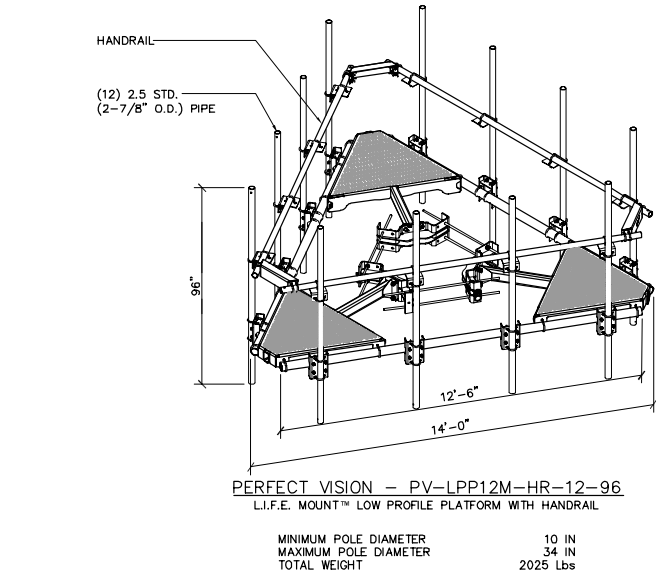


EXISTING CABLE SUPPORTS

SCALE: N.T.S. 3

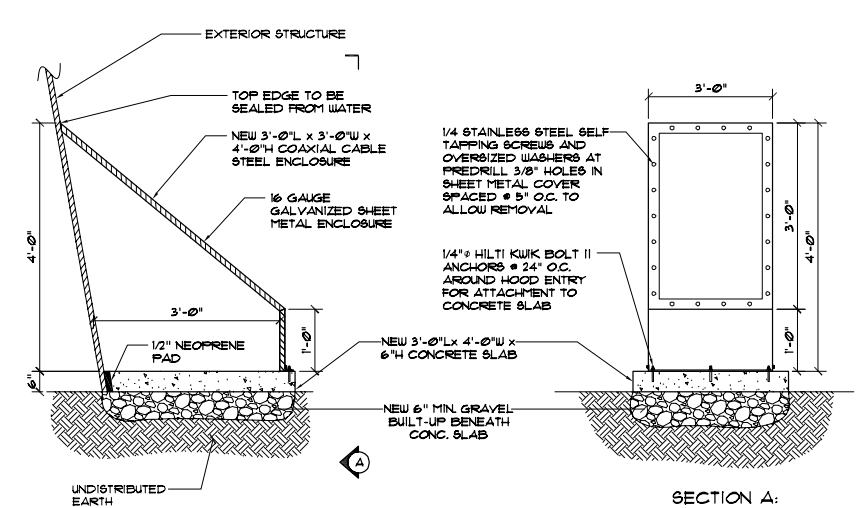
RAYCAP MOUNTING DETAIL

SCALE: N.T.S. 1



PLATFORM DETAILS

SCALE: N.T.S. 4



CABLE ENCLOSURE DETAIL

SCALE: N.T.S. 5

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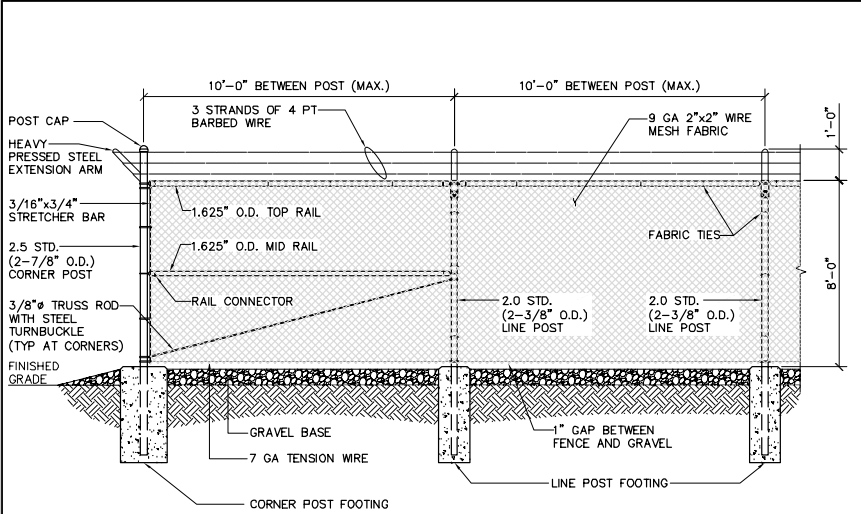
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SHEET NAME
SITE DETAILS

SHEET NUMBER
C-5D

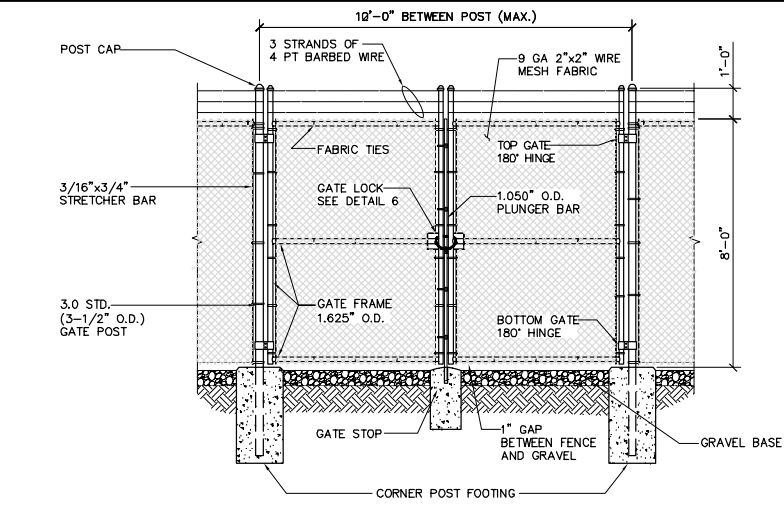
TMO Signatory Level: L06

PROJ# 24080.0214.0103



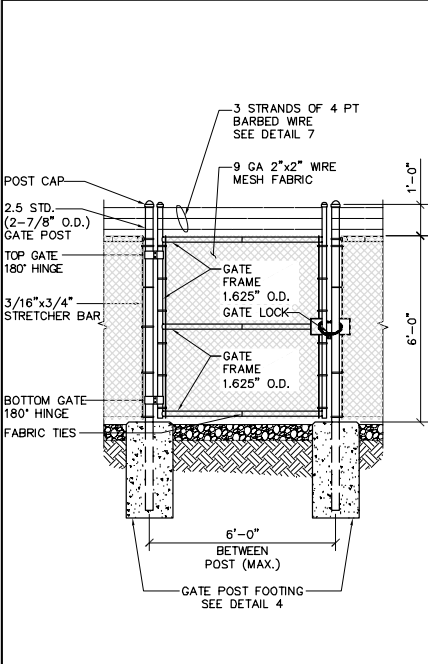
FENCING ELEVATION

SCALE: 1/4" = 1'-0" 1



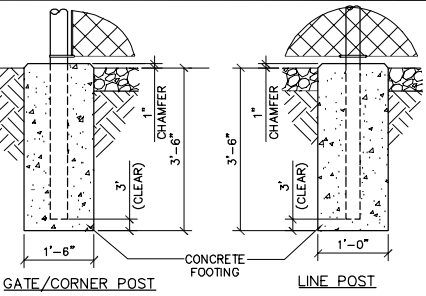
DOUBLE SWING GATE DETAIL

SCALE: 1/4" = 1'-0" 2



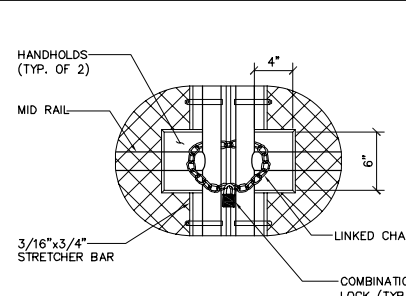
SINGLE GATE DETAIL

SCALE: N.T.S. 3



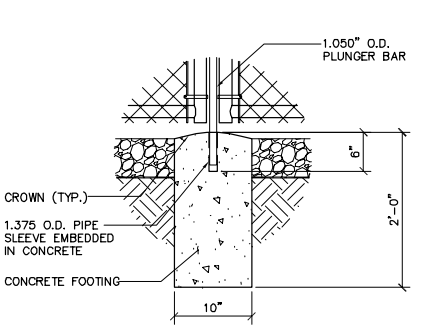
POST FOOTING DETAIL

SCALE: N.T.S. 4



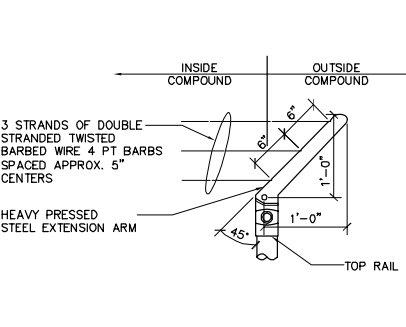
GATE LOCK DETAIL

SCALE: N.T.S. 6



GATE STOP DETAIL

SCALE: N.T.S. 5



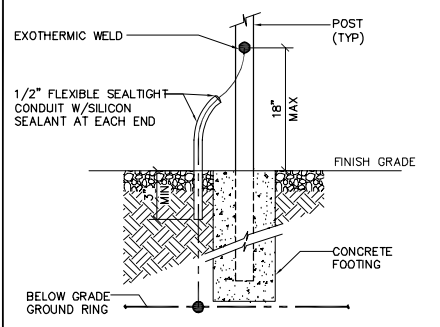
EXTENSION ARM DETAIL

SCALE: N.T.S. 7

1. ALL POSTS AND RAILS SHALL BE SCHEDULE 40 PIPE AND SHALL MEET THE REQUIREMENTS OF ASTM-F1083
2. WIRE MESH FABRIC SHALL MEET THE REQUIREMENTS OF ASTM-392
3. ALL FENCE MATERIALS SHALL BE HOT DIP GALVANIZED. ANY DAMAGED FENCE COMPONENTS SHALL BE REPAIRED WITH COLD GALVANIZING SPRAY
4. ALL POST MUST BE PLUMB AND ALIGNED WITH ONE ANOTHER IN BOTH HORIZONTAL AND VERTICAL PLANES
5. CORNERS AND GATE POST SHALL EXTEND ABOVE THE TOP STRAND OF BARBED WIRE TO PROVIDE TENSIONING FOR THE BARBED WIRE
6. PROVIDE MIDRAILS AND BRACING AT ALL CORNER POSTS WHERE THE FENCE CHANGES DIRECTION BY MORE THAN 30 DEGREES
7. ALL CONCRETE FOOTINGS SHALL BE MINIMUM 2500 PSI AT 28 DAYS

NOTES

SCALE: N.T.S. 8



POST GROUNDING

SCALE: N.T.S. 9

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SITE NUMBER:

ML84078A /
ML15AL023

SITE ADDRESS

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GREEN BAY, WI 54311

SHEET NAME

SITE DETAILS

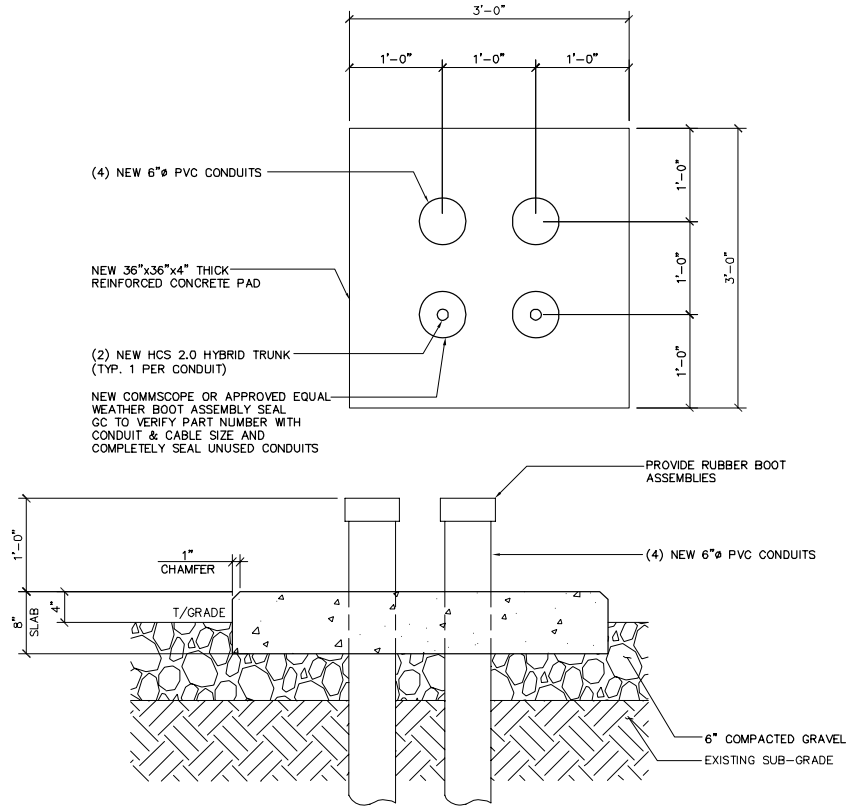
SHEET NUMBER

C-5E

TMO Signatory Level: L06

NOTES:

- REFER TO SITE PLAN FOR CONCRETE SLAB ORIENTATION.
- SLAB TO BE LEVEL $\pm 1/4"$.



CONCRETE NOTES:

- MEET OR EXCEED THE FOLLOWING CODES AND STANDARDS:

DESIGN	ACI 318
CONSTRUCTION	ACI 301
HOT WEATHER PLACEMENT	ACI 305
COLD WEATHER PLACEMENT	ACI 306
CEMENT	ASTM C-150 (TYPE I)
REINFORCING BARS	ASTM A-615
WIRE MESH	ASTM A-185
NORMAL WT AGGREGATE	ASTM C-33
MIXING	ASTM C-94
ADMIXTURES	ASTM C-494
AIR ENTRAINMENT	ASTM C-260
WATER	POTABLE
DETAILING	CRSI MANUAL OF STANDARD PRACTICE

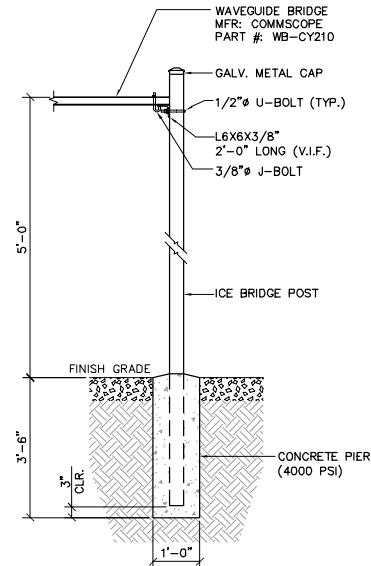
- CONCRETE SHALL BE NORMAL WEIGHT WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
- PROVIDE AIR ENTRAINED CONCRETE WITH AIR CONTENT OF 4% TO 7% FOR ALL CONCRETE EXPOSED TO EARTH OR WEATHER
- GC TO PROVIDE // INSTALL STANDARD BUTYL & TAPE AROUND ALL (N) U/G HCS CABLE CONDUITS (FROM TANK TO EQUIPMENT STUB UP LOCATION)_SEAL THESE CONDUITS UNDERGROUND)_PICTURES REQUIRED OF ALL UNDERGROUND WORK (TYP.)

CONCRETE PAD DETAILS

SCALE: N.T.S. 1

ICE BRIDGE W/ PIER DETAIL

SCALE: N.T.S. 2



NOT USED

SCALE: N.T.S. 3

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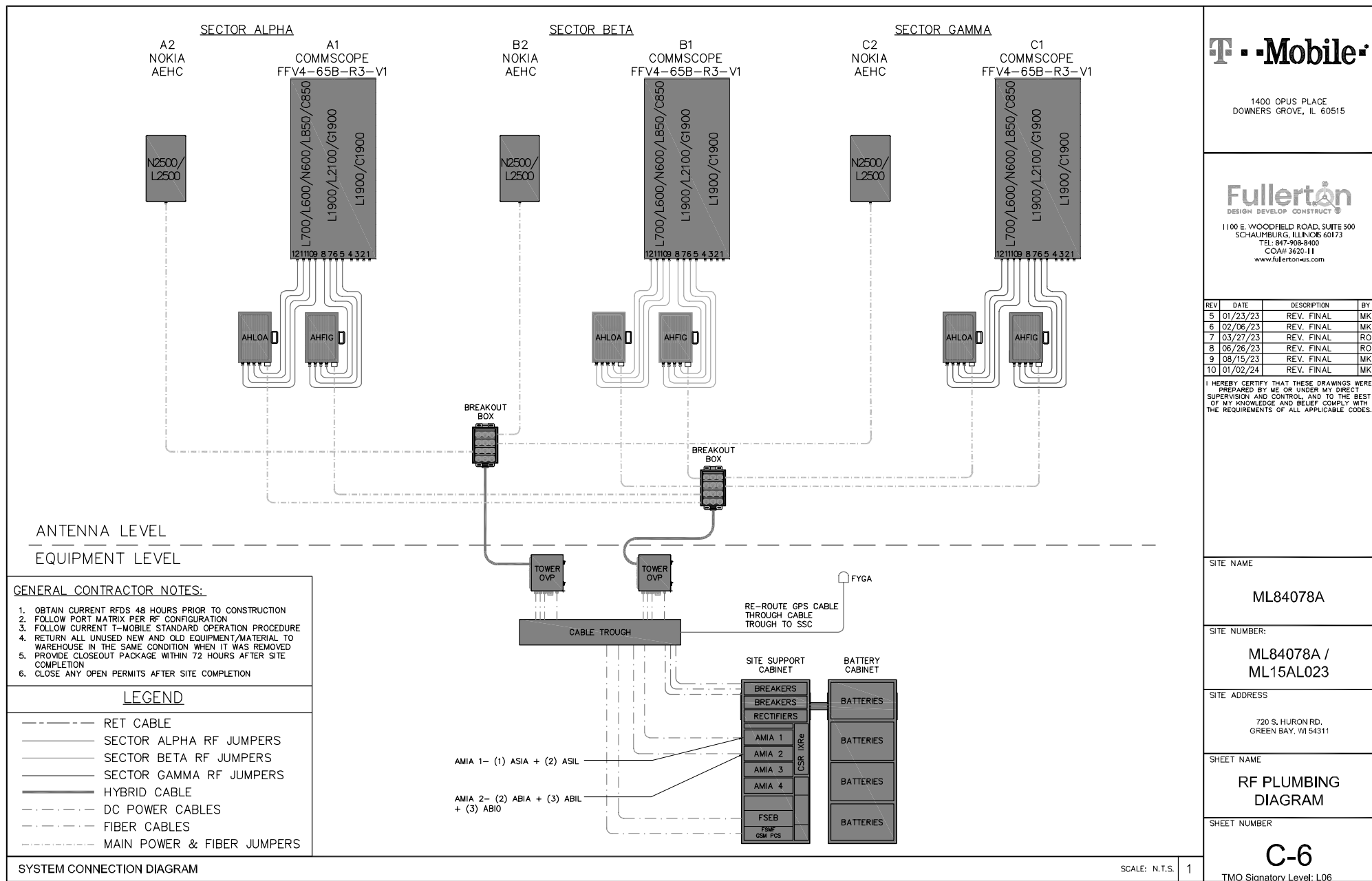
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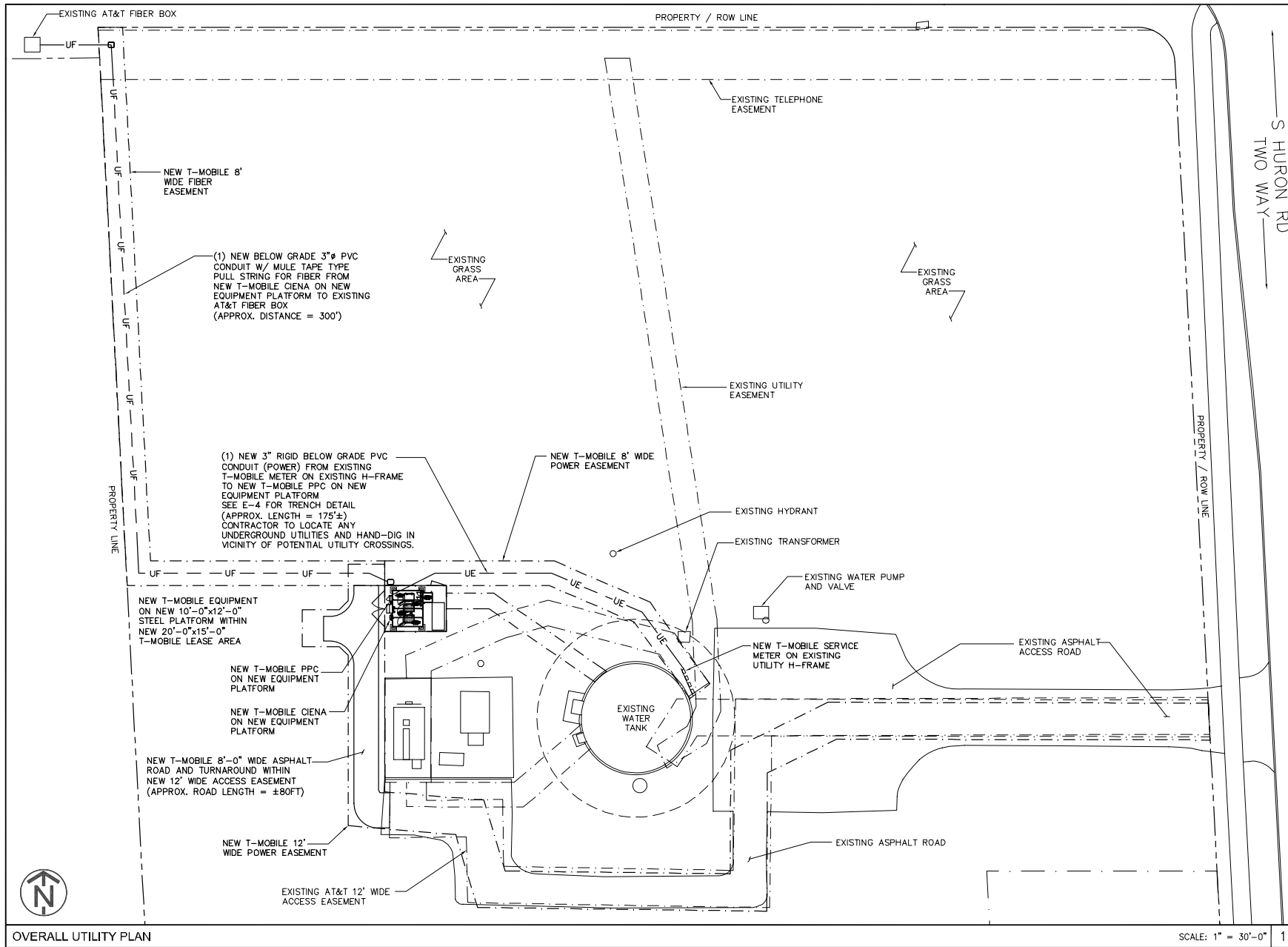
SHEET NUMBER

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TMO Signatory Level: L06

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SHEET NAME

OVERALL
UTILITY PLAN

SHEET NUMBER

E-1

TMO Signatory Level: L06

OVERALL UTILITY PLAN

SCALE: 1" = 30'-0"

1

PROJ# 24080.0214.0103

UTILITY SCHEDULE					
FROM	TO	WIRE QTY. & TYPE	GROUND	CONDUIT SIZE	FUNCTION
PPC	HPL3	(2) 3/0 (1) #4 NEUTRAL WIRES	(1) 3/0	2" RMC	ELECTRIC CONDUIT
PPC		1 PAIR OF BELDEN 27916A #19 AWG	N/A	1" RMC	ELECTRIC CONDUIT
Ciena DELIVERY SWITCH		(1) CAT-5 CABLE	N/A	1" RMC	FIBER CONDUIT
HPL3	Ciena POWER J-BOX	(2) #12	(1) #6	1" RMC	ELECTRIC CONDUIT
	OVP/FIBER J-BOX	3 PAIRS OF #2	N/A	3" RMC	ELECTRIC CONDUIT
	OVP/FIBER J-BOX	FIBER	N/A	3" RMC	TELCO CONDUIT
	BATTERY CABINET	(2) CAT-5 CABLES	N/A	4" RMC	TELCO CONDUIT (FOR BATTERY ALARM)
	BATTERY CABINET	2 PAIRS OF 4/0 TELCO FLEX POWER CABLES & (3) #12	N/A	4" RMC	ELECTRIC CONDUIT

HPL3 NOTES:

- GC TO REFER TO THE DELTA HPL3 CABINET INSTALL GUIDELINE TRAINING DOCUMENT FOR THE MILWAUKEE MARKET LATEST APPROVED REVISION
- GC TO ENSURE THERE IS NO OBSTRUCTION WITH 24" OF THE BACK OF THE HPL3 CABINET FOR EASE OF ACCESS
- GC TO INSTALL THE FSEE ON TOP OF THE FSMF MODULE INSIDE THE HPL3 CABINET
- GC TO ALLOW 12 CLR. BETWEEN HPL3 AND BATTERY CABINETS
- GC TO INSTALL THE NEW OVPS ON UNISTRUT H-FRAME
- GC TO ROUTE ANY NEW CONDUITS BETWEEN OVPS AND HPL3 CABINET SO THAT NO TRIP HAZARDS OR OBSTRUCTIONS ARE CREATED
- GC TO INSTALL NEW LOCKS ON THE HPL3, PPC AND BBU CABINETS AND SET COMBO TO 0007

UTILITIES NOTES:

- GC TO COORDINATE FINAL AAV MEET POINT WITH T-MOBILE AAV PROJECT MANAGER PRIOR TO CONSTRUCTION START
- GC TO PROVIDE AAV FIBER- (WHEN FIBER BH) 50 FT. OUTDOOR RATED 2 PAIR SINGLE MODE FIBER -PR1 LC-LC/PR2 LC-SC
- T-MOBILE POWER COORDINATOR TO COORDINATE WITH UTILITY COMPANY FOR NEW SERVICE PRIOR TO CONSTRUCTION START
- GC AND T-MOBILE CONSTRUCTION MANAGER TO FIELD LOCATE THE EXACT ROUTING OF THE NEW UTILITY CONDUITS AND NEW UTILITY EASEMENT PRIOR TO CONSTRUCTION START AND NOTIFY ENGINEERING TO FINALIZE SURVEY WITH THE AS BUILT EASEMENT
- EXACT ROUTING OF NEW UTILITY CONDUITS AND UTILITY EASEMENT TO BE COORDINATED BY T-MOBILE PROJECT MANAGER OR LEASING AGENT WITH PROPERTY OWNER
- GC TO CALL BEFORE YOU DIG AND ORDER A PRIVATE LOCATE TO LOCATE PUBLIC AND PRIVATE EXISTING UNDERGROUND UTILITIES IN ALL CONSTRUCTION AREA

CONDUIT NOTES:

- CONTRACTOR TO PRIVATELY LOCATE ALL EXISTING UNDERGROUND CONDUITS AND GROUND RING WITHIN CONSTRUCTION AREA PRIOR TO ANY EXCAVATION AND HAND DIG WITHIN CRITICAL AREAS
- CONTRACTOR IS TO INSTALL POWER AND GAS PER THE APPROVED T-MOBILE DRAWINGS
- ALL TRENCHES MUST BE A MINIMUM OF 42" IN DEPTH AND PARKED WITH METALIC DETECTABLE TAPE INSTALLED PER MANUFACTURER'S REQUIREMENTS
- ANY CHANGES TO LOCATION OR DEPTH OF TRENCHES MUST BE APPROVED BY PROJECT MANAGEMENT TEAM IN WRITING AND MUST BE REFLECTED PROMPTLY WITH AS-BUILT DOCUMENTS
- ALL UNDERGROUND CONDUITS ARE TO BE A MINIMUM SCHEDULE 40, GREY PVC.
- ALL CONDUITS SHALL HAVE TWO PULL-STRINGS
- ALL ABOVE GRADE CONDUITS MUST BE CLEARLY LABELED AS TO THEIR INTENDED PURPOSE
- ALL FLEX CONDUIT USED FOR POWER OR TELCO NEEDS TO BE METALLIC AND SEAL-TIGHT
- ALL CONDUITS MUST BE SUPPORTED WITHIN 3' COMING OUT OF THE BOX AND SUPPORTED EVERY 5' THEREAFTER
- SEAL TIGHT CONNECTIONS TO SYSTEM MODULES MUST BE 45 DEGREE, NOT 90 DEGREE OR STRIGHT
- ALL CONDUIT USED OUTDOOR THAT IS LESS THAN 42" BELOW GRADE MUST BE RMC, IMC IS NEVER ACCEPTABLE AND PVC CAN ONLY BE USED AT 42"
- IF USING PVC BURIED AT 42" (WHEN CODE ALLOWS) GC MUST UTILIZE RMC FOR ANY AND ALL STUB-UPS
- EMT IS ONLY ALLOWED INDOOR
- CONTRACTOR PROPERLY SEAL AND WEATHERPROOF ALL CONDUITS AND TANK PENETRATIONS THAT ARE NO LONGER BEING USED
- ALL FIBER AND COMMUNICATION CABLES MUST BE IN THEIR OWN CONDUIT UNLESS SPECIFICALLY STATED TO DO OTHERWISE
- NO LB CONDUIT BODIES ARE TO BE USED BETWEEN THE HPL3 AND BATTERY CABINETS
- ALL EXPOSED CONDUIT THREADS OR CUT EDGES ARE TO BE COATED WITH COLD GALVANIZING SPRAY
- FLEX CONDUIT (WHEN CODE ALLOWS) IS MAX 6' LONG, ONLY IN TIGHT LOCATIONS. NOT BE USED AS A RIGID CONDUIT REPLACEMENT
- ALL CONDUITS (OTHER THAN COVP POWER/FIBER) ARE TO BE BURIED WHEN APPLICABLE
- ANY TIME A DUCT BACK OR PORT IS ALTERED IT NEEDS TO BE PROPERLY SEALED WITH A PORT BOOT, EXPANDING FOAM IS NOT ALLOWED

(1) NEW 3" RIGID BELOW GRADE PVC CONDUIT (POWER) FROM EXISTING T-MOBILE METER TO NEW T-MOBILE PPC (APPROX. LENGTH = 175'±)

NEW 1" RGS CONDUIT FROM NEW Ciena TO NEW SITE SUPPORT CABINET FOR DC POWER ROUTED BELOW NEW PLATFORM

(1) NEW 1" RGS CONDUIT (FIBER) FROM NEW Ciena TO NEW SITE SUPPORT CABINET ROUTED BELOW NEW PLATFORM

(1) NEW 3" BELOW GRADE PVC CONDUIT (FIBER) FROM EXISTING FIBER SOURCE TO NEW T-MOBILE Ciena SEE E-2 FOR TRENCH DETAIL

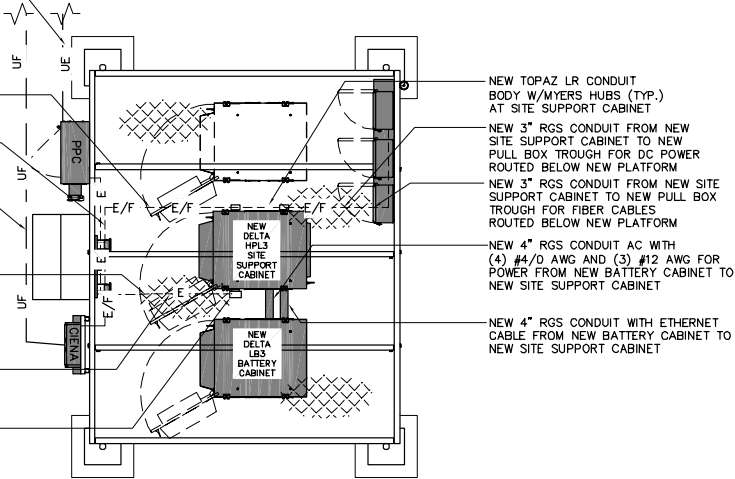
NEW 2" RIGID CONDUIT WITH (2) 3/0, (1) #4 NEUTRAL WIRES AND (1) 3/0 GND FROM PPC TO BOTTOM RIGHT SIDE OF NEW HPL3 CABINET ROUTED BELOW NEW PLATFORM

NEW 1" RIGID CONDUIT FROM PPC TO FSEE FOR LOSS OF COMMERCIAL POWER ALARM ROUTED BELOW NEW PLATFORM

NEW TOPAZ LL CONDUIT BODY (PART #LL7MHDG) W/MYERS HUBS AT SITE SUPPORT CABINET. UTILIZE FORWARD MOST 2" KNOCKOUT FOR TECH ACCESS

NOTES:

- GC TO REMOVE (UP TO 5)(E) SPRINT CABINETS. (BTS, BBU, PPC, OLD TELCO CAB'S), ALONG W/ ANTS/RRUS/HCS_ PER CD, ETC.)
- GC FIELD VERIFY AND SEND SHOP DRAWINGS TO TM PRIOR TO MANF. / INSTALLATION OF (N) PLATFORM MOD STEEL.
- PER SA, GC PROVIDE / INSTALL (ALL REQUIRED).
- GC TO FOLLOW DELTA HPL3 GUIDELINES.
- GC TO ALLOW 12" IN BETWEEN (N) HPL3 & LB3 CABINETS.
- GC TO RUN ANY NEW CONDUIT PER TM SPEC, FOLLOWING TWO CX STANDARDS.
- GC TO ENSURE THERE IS NO OBSTRUCTION W/IN 24"-32" OF THE REAR OF HPL3 FOR EASE OF ACCESS.
- GC TO INSTALL NEW OVP ON NEW GC TO PROVIDED UNISTRUT H-FRAME.
- GC TO RUN ANY NEW CONDUITS BETWEEN OVPS & HPL3 (SSC) IN A WAY WHERE NO TRIP HAZARDS ARE CREATED OR ARE OBSTRUCTING SAFE CONDITIONS. (WHEN REQUIRED).
- GC TO INSTALL FSEE ON TOP OF FSMF IN THE HPL3 (WHEN REQUIRED).
- TM RF APPROVAL REQUIRED 48 HOURS IN ADVANCE OF ANY CABLE REMOVALS. (WHEN REQUIRED).
- ANY/ ALL CHANGES REQUIRE ADDITIONAL APPROVAL(S), IF NOT SEEN WITHIN ALL NTP FILES (OR EQUAL). PRE CX SCHEDULE &
- PRECON REQUIRED.
- GC TO ENSURE NO LIVE POWER/FIBER/TELCO RUN THROUGH PLINTH PRIOR TO REMOVAL AND TAKE APPROPRIATE MEASURES TO PROTECT IF PRESENT
- ALL UNISTRUT, FASTENERS, HARDWARE, ETC. ARE TO BE EITHER HOT DIPPED GALVANIZED OR STAINLESS STEEL. GC IS NOT TO USE ZINC-PLATED OR PRE-GALVANIZED.
- GC TO PROVIDE EME SIGNAGE AS REQUIRED TO COMPLY



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SITE NAME

ML84078A

SITE NUMBER:

ML84078A /
ML15AL023

SITE ADDRESS

720 S. HURON RD.
GREEN BAY, WI 54311

SHEET NAME

ENLARGED
UTILITY PLAN

SHEET NUMBER

E-1A

TMO Signatory Level: L06

ENLARGED UTILITY PLAN

SCALE: 3/8" = 1'-0"

1

1. THE CONTRACTOR SHALL PERFORM WORK IN ACCORDANCE WITH ALL GOVERNING STATE, COUNTY AND LOCAL CODES AND OSHA REQUIREMENTS.
2. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY ALL APPLICABLE CODES.
3. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS AND TRANSPORTATION FOR A COMPLETE AND PROPERLY OPERATIVE SYSTEM ENERGIZED THROUGHOUT AND AS INDICATED ON DRAWINGS.
4. THE CONTRACTOR SHALL OBTAIN ALL PERMITS, PAY PERMIT AND INSPECTION FEES, AND BE RESPONSIBLE FOR SCHEDULING INSPECTIONS WITH THE AUTHORITY HAVING JURISDICTION.
5. MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, IEEE, NEMA AND NFPA.
6. ALL MATERIALS SHALL BE U.L. LISTED.
7. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND IN PERFECT CONDITION WHEN INSTALLED AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT FOR EACH CLASS OR GROUP OF EQUIPMENT.
8. MATERIALS SHALL MEET WITH APPROVAL OF THE AUTHORITY HAVING JURISDICTION.
9. THE CONTRACTOR SHALL PERFORM ALL VERIFICATION OBSERVATIONS TEST, AND EXAMINATION WORK PRIOR TO THE ORDERING OF THE ELECTRICAL EQUIPMENT AND STARTING CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDINGS TO THE PROJECT MANAGER LISTING ALL MALFUNCTIONS, FAULTY EQUIPMENT AND DISCREPANCIES.
10. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY FOR CONNECTION OF THE TEMPORARY AND PERMANENT POWER TO THE SITE. THE TEMPORARY POWER AND ALL HOOKUP COSTS TO BE PAID BY CONTRACTOR.
11. UPON COMPLETION OF WORK, CONDUCT CONTINUITY, SHORT CIRCUIT, AND FALL OF POTENTIAL GROUND TESTS FOR APPROVAL. SUBMIT TEST REPORTS TO THE PROJECT MANAGER.
12. ALL BROCHURES, OPERATING MANUALS, CATALOGS, SHOP DRAWINGS, ETC. SHALL BE TURNED OVER TO THE PROJECT MANAGER AT JOB COMPLETION.
13. POST-INSTALLATION, ANY WORK, MATERIAL OR EQUIPMENT FOUND TO BE FAULTY SHALL BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AT THE EXPENSE OF THE CONTRACTOR.
14. PROVIDE THE PROJECT MANAGER WITH ONE SET OF COMPLETE ELECTRICAL "AS-INSTALLED" DRAWINGS AT THE COMPLETION OF THE JOB, SHOWING ACTUAL DIMENSIONS, ROUTINGS AND CIRCUITS.
15. ALL ELECTRICAL EQUIPMENT SHALL BE LABELED WITH PERMANENT ENGRAVED PLASTIC LABELS NOTING USE FUNCTION.
16. EACH CONDUCTOR OF EVERY SYSTEM SHALL BE PERMANENTLY TAGGED IN EACH PANEL BOARD, PULL BOX, J-BOX, SWITCH BOX, ETC.
17. ALL CONDUIT INSTALLED SHALL BE SURFACE MOUNTED OR DIRECT BURIAL UNLESS OTHERWISE NOTED.
18. ALL CONDUIT SHALL HAVE A PULL WIRE OR ROPE.
19. ALL CONDUCTORS SHALL BE COPPER.
20. ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECTED, AND A MINIMUM OF 10,000 A.I.C.
21. PATCH, REPAIR AND PAINT ANY AREA THAT HAS BEEN DAMAGED IN THE COURSE OF THE ELECTRICAL WORK.
22. PENETRATIONS IN FIRE RATED WALLS SHALL BE FIRE STOPPED TO MATCH ORIGINAL RATING.
23. BX OR ROMEX CABLE IS NOT PERMITTED.
24. ALL ELECTRICAL/FIBER ENCLOSURES, JUNCTION BOXES, CONDUIT KNOCKOUTS, RACEWAYS, ETC. SHALL BE RODENT-PROOF.
25. CLEAN PREMISES OF ALL DEBRIS RESULTING FROM WORK AND LEAVE WORK IN A COMPLETE AND UNDAMAGED CONDITION.

ABBREVIATIONS:

GC GENERAL CONTRACTOR

LEC LOCAL EXCHANGE CARRIER

NEW PLASTIC CAP ON EACH SIDE (TYP. ALL STRUTS)

NEW 1-5/8" GALV. STEEL UNISTRUT

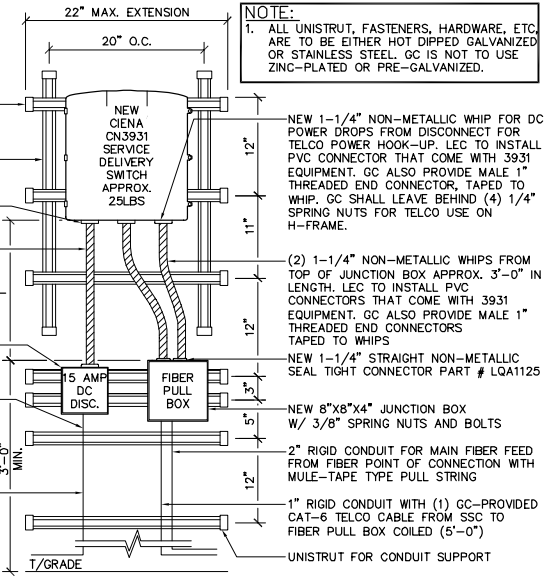
GROUND PORT

GROUND LEAD FOR LUG CONNECTION, #6 GROUND LEAD BACK TO SSC GND BAR. LEAVE #6 LEAD ATTACHED WITH BLUE/BLACK #12 POWER FEED FROM 15 AMP DC DISCONNECT COILED (5'-0")

NEW 48V DC BREAKER BOX W/ 3/8" SPRING NUTS AND BOLTS

1" RIGID CONDUIT FROM DISCONNECT BACK TO SSC POWER PLANT. INSTALL 10 AMP DC BREAKER AT SSC AND 15 AMP IN DISCONNECT. LEAVE SSC BREAKER "ON," LEAVE DISCONNECT BREAKER "OFF"

#12 POWER FEED FROM SSC 10 AMP DC BREAKER AND #6 GROUND LEAD BACK TO SSC GND BAR TAPPED TO SIDE OF JUNCTION BOX. PASS-THRU #6 GROUND WIRE FROM SSC GND BAR THROUGH DISCONNECT TO TELCO (5'-0") COILED AT WHIP



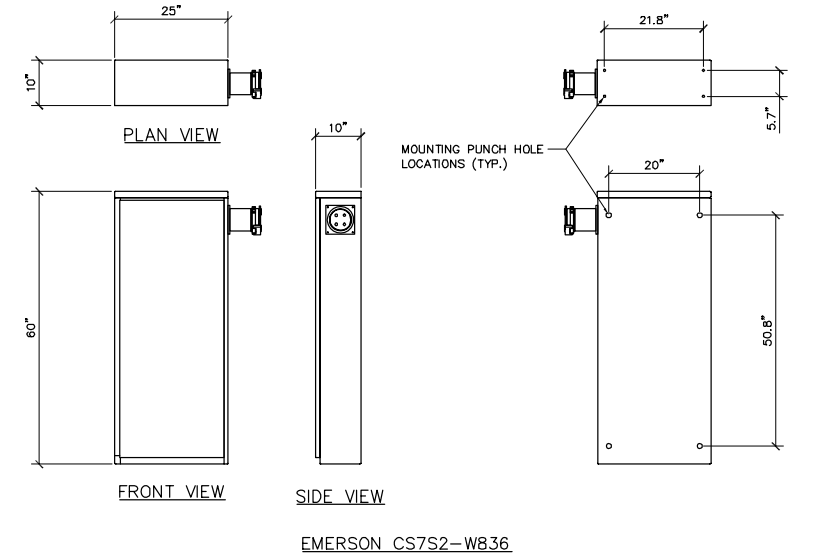
NOTE:

1. ALL UNISTRUT, FASTENERS, HARDWARE, ETC. ARE TO BE EITHER HOT DIPPED GALVANIZED OR STAINLESS STEEL. GC IS NOT TO USE ZINC-PLATED OR PRE-GALVANIZED.

CIENA DETAIL

SCALE: N.T.S.

2

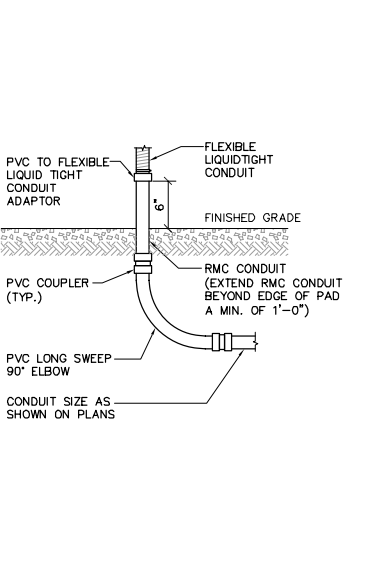


NOTES

1 POWER PROTECTION CABINET

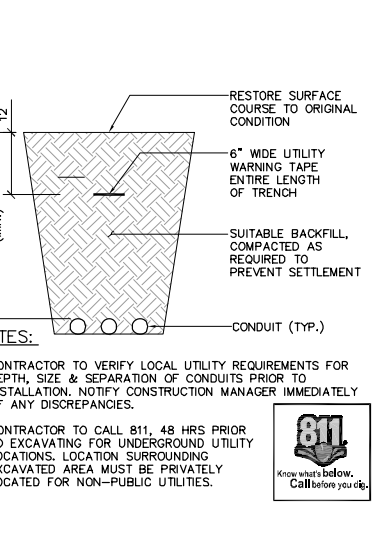
SCALE: N.T.S.

4



CONDUIT STUB-UP DETAIL

3



TRENCH DETAIL

5



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DESIGN DEVELOP CONSTRUCT

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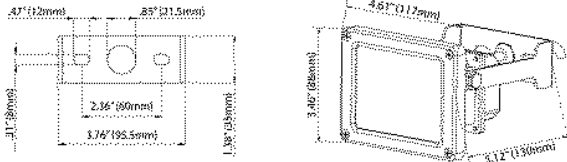
SHEET NAME

UTILITY DETAILS

SHEET NUMBER

E-2

TMO Signatory Level: L06



FLS15U50B

- (1) SIGMA TWO GANG CLEAR COVER, EXTRA DUTY WITH LOCKABLE ENCLOSURE.
- (1) INTERMATIC 60 MINUTE MECHANICAL TIMER, FF60MC.
- (1) CAST ALUMINUM, 2 GANG WEATHERPROOF FS BOX, NO LUGS, DEEP BOX. APPLETON FS-2-75A OR HUBBELL-KILLARK 2FS-1.
- USE BACK OF GANG BOX FOR ENTRY INTO PPC, SEAL FLUSH AGAINST PPC WITH GASKETING MATERIAL, AND/ SEAL EXTERIOR PERIMETER WITH SILICONE BEAD TO PREVENT WATER INTRUSION.
- (1) GFCI 15 AMP LEVITON MT759-T, 2-POLE, 3-WIRE, 15 AMP, 125 VOLT, 5-15R NEMA, WALL BOX MOUNT, LIGHT ALMOND, HEAVY DUTY, COMMERCIAL GRADE. NOTE: NO RESIDENTIAL GRADE GFCI ALLOWED.
- (2) OUTDOOR FLOOD LIGHTS, RATED INITIAL LUMENS >1,260 EACH FLOOD.
HTTP://WWW.MAXLITE.COM/PRODUCTS/SMALL-FLOOD-LIGHTS/FLS15U50B OR EQUIVALENT MAXLITE MODEL FLS15U50B/N, @ 1,235 LUMENS.
- TYPICAL INSTALLATION, REGARDLESS OF PPC STYLE OR TYPE OR EXISTING OUTLETS.
- LIGHT TIMER ON 15A CIRCUIT, LIGHT CONTROLLED BY COUNTDOWN TIMER. GFCI ON SEPARATE 15A CIRCUIT.
- IF PPC HAS EXISTING INTERIOR MOUNTED GFCI, IT TOO SHALL BE WIRED FOR SERVICE.
- EQUIVALENT MEETING SERVICE REQUIREMENTS, OR BETTER, EQUIPMENT MAY BE SUBSTITUTED AND INSTALLED WITH PRIOR T-MOBILE PM OR CM APPROVAL.

OR

MAXLITE LED EXTERIOR FLOOD LIGHT DETAIL (TYP. OF 2)

SCALE: N.T.S.

1

NOT USED

2



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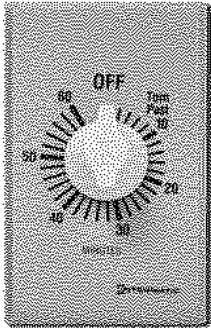
UTILITY DETAILS

SHEET NUMBER

E-3

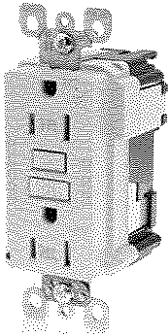
TMO Signatory Level: L06

PROJ: 24080.0214.0103



TIMER SWITCH

- (1) INTERMATIC 60 MINUTE MECHANICAL TIMER, FF60MC OR APPROVED EQUAL
- LIGHT TIMER ON 15A CIRCUIT, LIGHT CONTROLLED BY COUNTDOWN TIMER. GFCI ON SEPARATE 15A CIRCUIT.
- EQUIVALENT MEETING SERVICE REQUIREMENTS, OR BETTER, EQUIPMENT MAY BE SUBSTITUTED AND INSTALLED WITH PRIOR T-MOBILE PM OR CM APPROVAL.



15A GFCI OUTLET

- (1) GFCI 15 AMP LEVITON MT759-T, 2-POLE, 3-WIRE, 15 AMP, 125 VOLT, 5-15R NEMA, WALL BOX MOUNT, LIGHT ALMOND, HEAVY DUTY, COMMERCIAL GRADE.
NOTE: NO RESIDENTIAL GRADE GFCI ALLOWED.
- GFCI ON SEPARATE 15A CIRCUIT.
- IF PPC HAS EXISTING INTERIOR MOUNTED GFCI, IT TOO SHALL BE WIRED FOR SERVICE.
- EQUIVALENT MEETING SERVICE REQUIREMENTS, OR BETTER, EQUIPMENT MAY BE SUBSTITUTED AND INSTALLED WITH PRIOR T-MOBILE PM OR CM APPROVAL.

TIMER SWITCH DETAIL

SCALE: N.T.S.

3

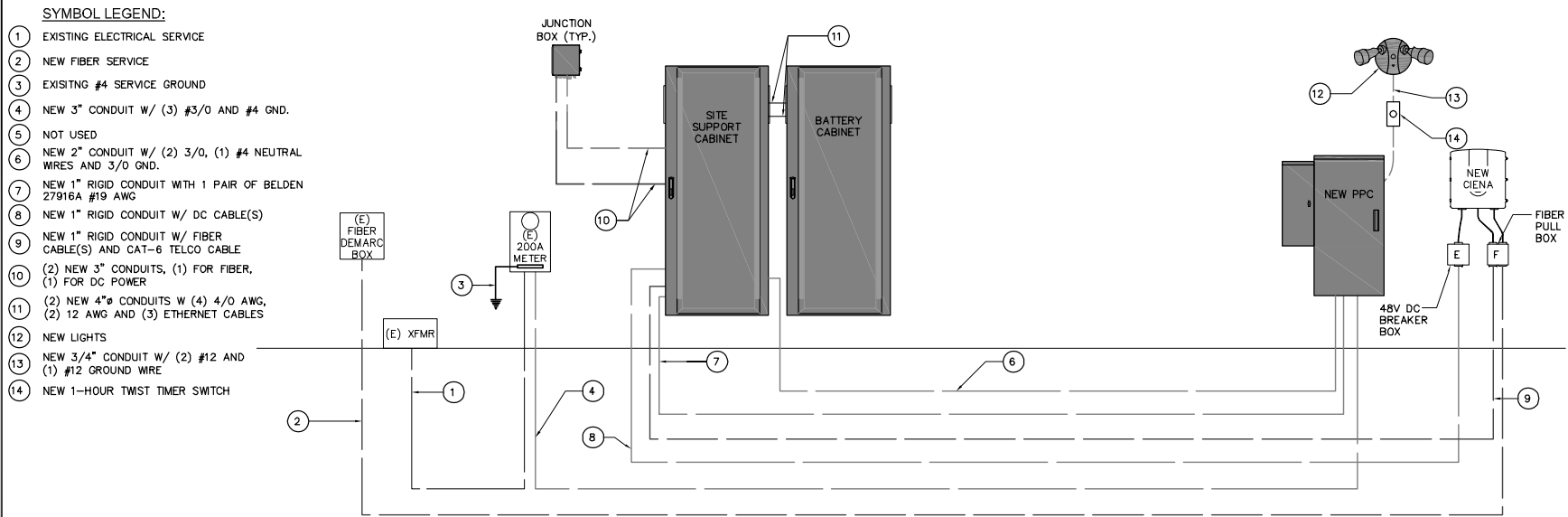
GFCI DETAIL

SCALE: N.T.S.

4

NOT USED

5



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ONE LINE DIAGRAM

SCALE: N.T.S. 1

SITE: ML84078A
VOLTAGE: 120/240 Vac
PHASE: 1
WIRE: 3W
BUSS RATING : 200
MAIN BREAKER: 200

PANEL NAME: PPC
PANEL STATUS: NEW
ENCLOSURE TYPE: NEMA 3R
MOUNT: SURFACE
AIC: 65kA
PANEL POSITIONS: 24

Total kVA	20.69
Total AMPS	86.21

CKT	LOAD DESCRIPTION	BREAKER AMPS	BREAKER POLES	BREAKER STATUS	SERVICE LOAD	USAGE FACTOR	Phase A (VA) 86A	Phase B (VA) 86.5A	USAGE FACTOR	SERVICE LOAD	BREAKER STATUS	BREAKER POLES	BREAKER AMPS	LOAD DESCRIPTION	CKT
1	SURGE ARESSTOR (1PH)	60	2	ON	25	1	25	4875	1	4875	ON	2	200	HPL3	2
3					25	1	4875	25	1	4875					4
5	RECEPTACLE	15	1	ON	180	1	180	4875	1	4875					6
7					480	1.25	4875	600	1	4875					8
9	FAN	10	1	ON	360	1	360	0							10
11							0	0							12
13							0	0							14
15							0	0							16
17							0	0							18
19							0	0							20
21							0	0			OFF	2	100	FUTURE	22
23							0	0							24

PANEL SCHEDULE

2

SITE NAME

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SHEET NAME

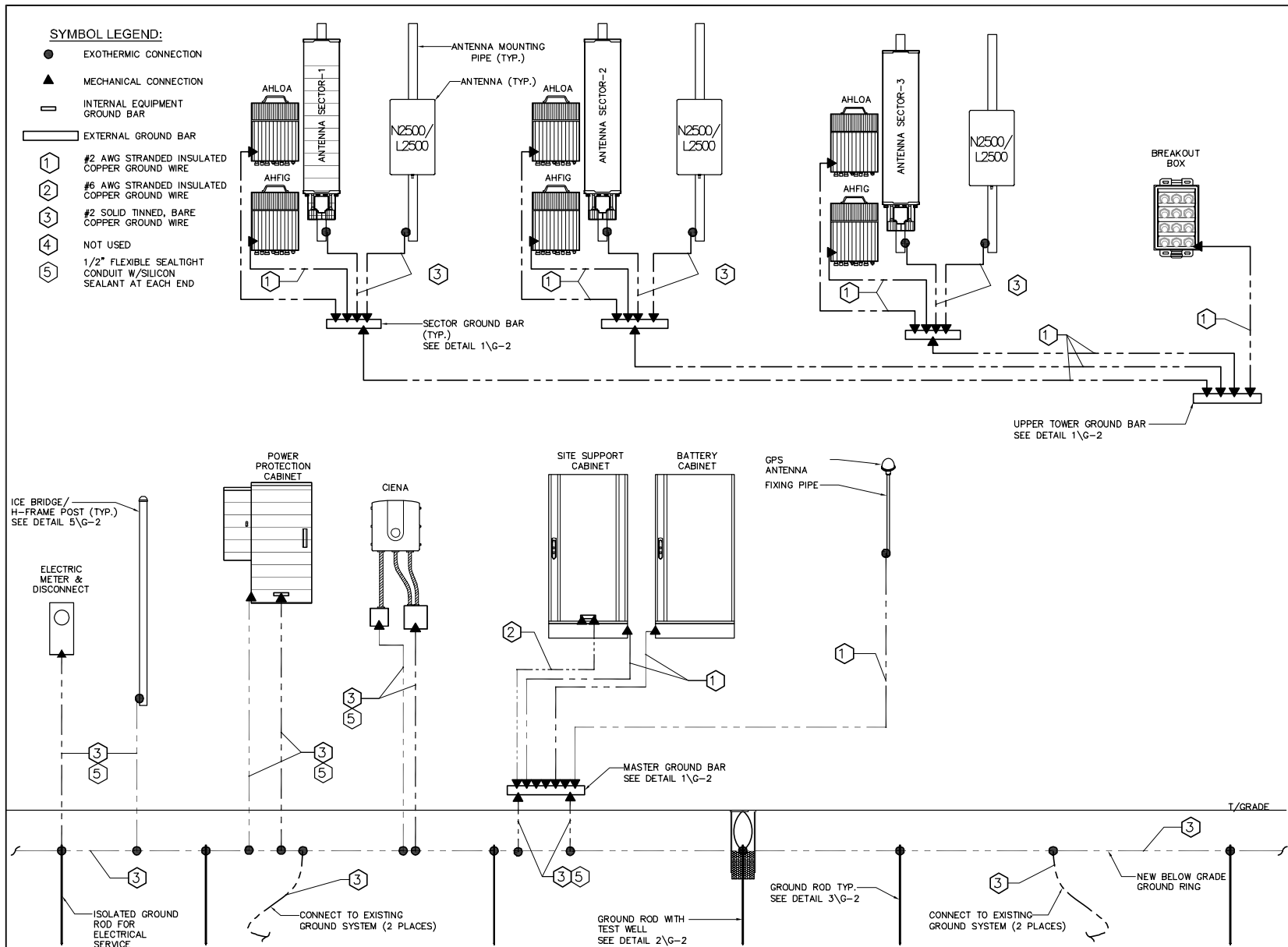
ONE-LINE DIAGRAM
AND PANEL
SCHEDULE

SHEET NUMBER

E-4

TMO Signatory Level: L06

PROJ: 13-04080.0214.0103



TYPICAL GROUNDING SINGLE LINE RISER DIAGRAM

SCALE: N.T.S. 1



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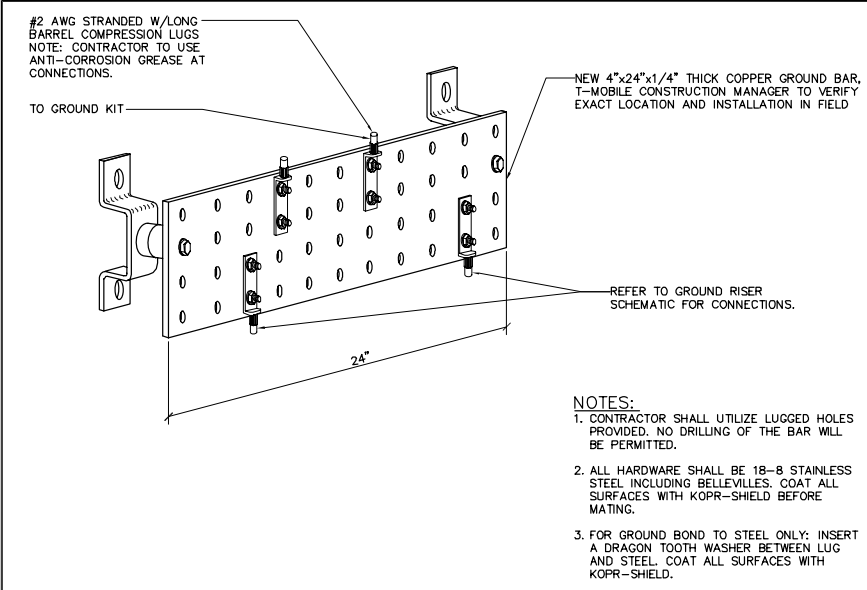
GROUNDING
DIAGRAM

SHEET NUMBER

G-1

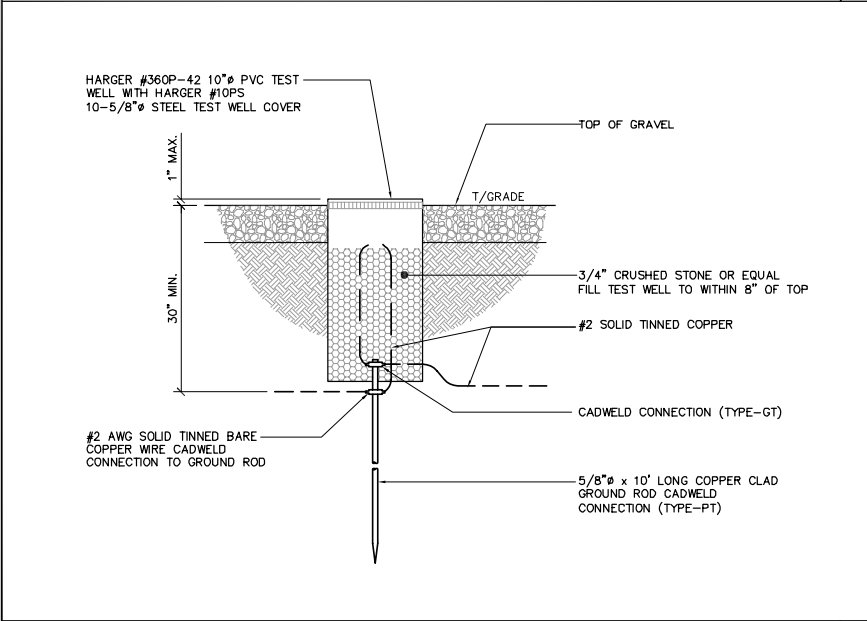
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PROJ# 24080.0214.0103



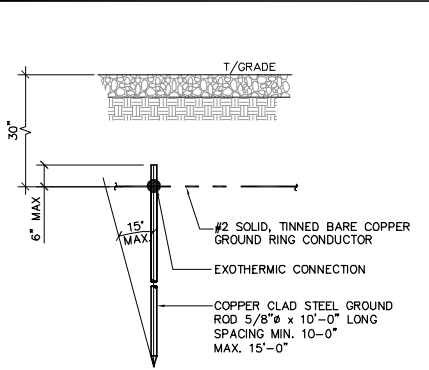
TYPICAL GROUNDING BAR DETAIL

SCALE: N.T.S. 1



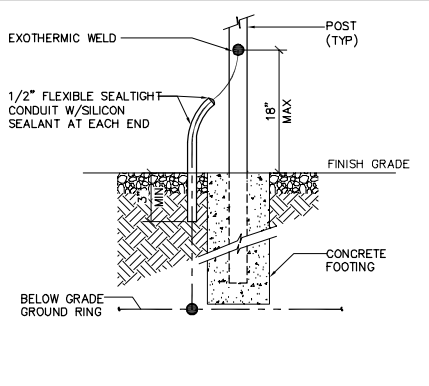
TEST WELL DETAIL

SCALE: N.T.S. 2



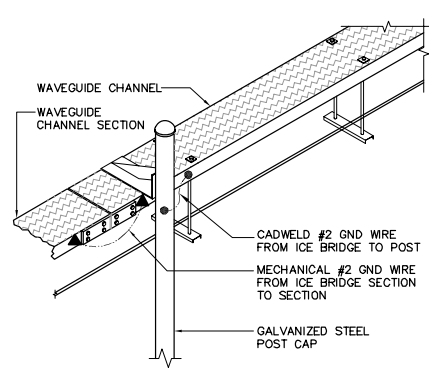
GROUND ROD DETAIL

SCALE: N.T.S. 3



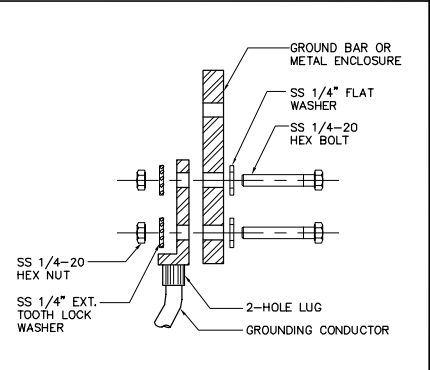
IB POST/POLE GROUNDING DETAIL

SCALE: N.T.S. 5



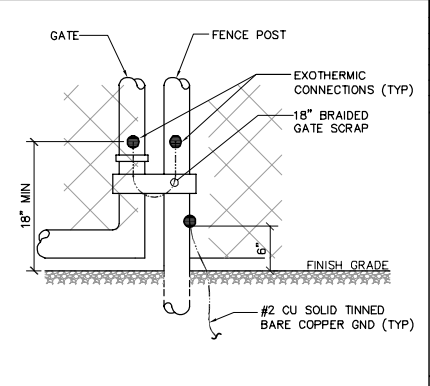
ICE BRIDGE GROUNDING

SCALE: N.T.S. 7



LUG BOLT CONNECTION

SCALE: N.T.S. 4



FENCE GROUNDING DETAIL

SCALE: N.T.S. 6



NOT USED

SCALE: N.T.S. 8

1400 OPUS PLACE
DOWNERS GROVE, IL 60515

DESIGN DEVELOP CONSTRUCT

1100 E. WOODFIELD ROAD, SUITE 500
SCHLAUFBURG, ILLINOIS 60173
TEL: 847-908-8400
COA# 3620-11
www.fullerton-us.com

REV	DATE	DESCRIPTION	BY
5	01/23/23	REV. FINAL	MK
6	02/06/23	REV. FINAL	MK
7	03/27/23	REV. FINAL	RO
8	06/26/23	REV. FINAL	RO
9	08/15/23	REV. FINAL	MK
10	01/02/24	REV. FINAL	MK

I HEREBY CERTIFY THAT THESE DRAWINGS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND CONTROL, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE CODES.

SITE NAME

ML84078A

SITE NUMBER:

ML84078A / ML15AL023

SITE ADDRESS

720 S. HURON RD.
GREEN BAY, WI 54311

SHEET NAME

GROUNDING DETAILS

SHEET NUMBER

G-2

TMO Signatory Level: L06

EXHIBIT E

**AS-BUILT CONSTRUCTION DRAWINGS FOR
INITIAL MODIFICATION PROJECT AND
INVENTORY OF T-MOBILE'S COMMUNICATIONS FACILITIES**

[To be attached in accordance with Section 7.1.4 of this Agreement]

EXHIBIT F

ANTENNA SITE APPLICATION FORM

**[Attached four-page application form follows; to be used
in accordance with Section 7.2.2.1 of this Agreement]**



Green Bay Water Utility

631 S. ADAMS - P.O. BOX 1210
Green Bay, WI 54305-1210

920-448-3480
FAX 920-448-3486

Date Received by Water
Utility _____

ANTENNA SITE APPLICATION

Water Tower Site Name & Address: (existing site or proposed new site build)

Wireless Carrier: _____

(Complete corporate name of Wireless Carrier)

Wireless Carrier's Corporate Designation: _____

1. Name of Applicant: _____

2. Address of Applicant: _____

3. Contact person for Applicant: _____ Telephone: _____

Mobile: _____ Email: _____

4. Technical Advisor (A&E firm): _____ Telephone: _____

Mobile: _____ Email: _____

5. Proposed Radio Band: _____

6. Propose Radio Frequency(s): _____

(Specify or attach a separate list)

7. Type of Service (SMR, ESMR, PCS, Cellular, Two-Way Paging, Microwave, Wi-Fi, WiMAX, etc.)

8. Unlicensed spectrum? Y / N (Circle One; Do the same for all below.)

If yes, identify in detail the portions of the project to use an unlicensed spectrum. Designate this as an Attachment.

Initial here ____ to indicate Attachment has been included.

If utilizing a Distributed Antenna System (DAS), provide Radio Frequency Coverage Maps prepared by the FCC Licensee(s).

9. Request for Small Cell Site in Utility Row of Way Y / N

If yes, include the provided requirements: _____

10. Provide a coverage study to show gap in present system coverage. The study should include

A. Present coverage

B. Proposed coverage

C. The frequency band used for the analysis

D. Latitude/longitude and center of radiation for all of the sites used in the coverage analysis

- E. The effective radiated power for each site
- F. The values of the signal levels for each of the coverage levels used in the study
- G. For loading sites, include all of the above and the following:
 - i. The area and distance the design is proposing to provide service
 - ii. Any data to support the loading need
- H. The level of RF exposure predicted to occur for the general public

11. Will this site be interconnected via radio frequency transmissions to any other site or sites now constructed, proposed, or anticipated? Y / N

Interconnection includes one or more radio frequency links for the purpose to provide for "back-haul" from this site to a switching center or centralized node location.

If yes, what will the method of interconnection be? _____

If yes, attach details and specifications.

12. Antenna equipment – Attach applicable specifications.

- A. Number of antennas _____
- B. Number of zones _____
- C. Antenna dimensions _____
- D. Antenna type, manufacturer, and model no. _____
- E. Number of Radio Units _____
- F. Radio Unit dimensions _____
- G. Radio Unit type, manufacturer, and model no. _____
- H. Transmission line or cable manufacturer and model no. _____
- I. Size of cables _____ Number of cables _____
- J. Antenna location on the tower: _____
(N, S, E, W, NE etc. or specify the exact antenna azimuths)
- K. GPS Antenna Y / N

If yes, provide size, dimensions, and weight:

13. Dish equipment – Attach applicable specifications

- A. Number of dishes _____ Dish dimension _____ Microwave Y / N Satellite Y / N
- B. Dish type, manufacturer and model no. _____
- C. Transmission line or cable manufacturer and model no. _____
- D. Size of cables _____ Number of cables _____
- E. Dish location on tower: _____

Initial here _____ to indicate specifications are attached.

14. Ground equipment – Attach applicable specifications

A. Square feet required _____

B. Inside Tower? Y / N Inside carrier's building? Y / N Outside? Y / N

C. Number of cabinets _____ Cabinet dimensions _____

D. Number of air conditioners _____ Air conditioner description ____

E. Generator on site? Y / N If yes, provide type, size, and proposed location.

F. Isolator manufacturer and model no. _____

G. Duplexer manufacturer and model no. _____

H. Filters manufacture and model no. _____

I. Controls used in addition to the transmitter/receiver cabinet(s)? Y / N

If yes, how many? _____ Manufacturer and model no. _____

Initial here _____ to indicate specifications are attached.

15. Desired date of operation: _____

16. Description of Scope of Work:

(Example: Install 3 new radio units, relocate 3 antenna, add new power plant.)

Note: Form effective 2019; subject to change

READ CAREFULLY BEFORE SIGNING

The undersigned wireless carrier agrees and acknowledges that in addition to the \$10,000 Antenna Site Application Fee, the applicant is responsible for all costs associated with the applicant's proposed system that is to be installed on City of Green Bay property, whether or not the application results in a lease or license agreement between the City and the wireless carrier.

Costs may include, but are not limited to, the following:

1. Interference analysis and inter-modulation study by the Engineering/Communications Consultant of the City.
2. Review of construction plans by the Engineering/Communications Consultant of the City.
3. Review and negotiation of agreement by the City's attorney.
4. Inspection time by the Engineering/Communications Consultant of the City.
5. Site Coordination of any items (examples: antennas or utilities) performed by the City or its Engineering/Communications Consultant.
6. Surveying, if required.
7. Utility service by local utilities to bring or upgrade electrical or telephone service to the property for the use by the applicant.
8. All required permitting and licensing fees.

A certified check in the amount of \$10,000 will be required at the time of submittal of the installation plans. These escrow funds will be used by the City to pay the costs, as described above, Green Bay Water Utility incurs related to the proposed project. Unused escrow funds will be returned to the wireless carrier at the completion of the antenna installation.

Signature of person authorized to sign for or on behalf of Wireless Carrier:

_____ Date: _____

Name and Title of Signer:

Name: _____ Title: _____
(Please Print Clearly)

Checks are to be made payable to: CITY OF GREEN BAY WATER UTILITY

EXHIBIT G

ANTENNA SITE SERVICE NOTICE FORM

**[Attached three-page form follows; to be used
in accordance with Section 7.5.1 of this Agreement]**



Green Bay Water Utility

631 S. ADAMS - P.O. BOX 1210
Green Bay, WI 54305-1210

920-448-3480
FAX 920-448-3486

Date Received by Water
Utility _____

ANTENNA SITE SERVICE NOTICE

Water Tower Site Name and Address: _____

Wireless Carrier: _____

1. Name of Service Company: _____

2. Address: _____

3. Contact person for Carrier: _____ Telephone: _____

Mobile: _____ Email: _____

4. Technical Site Advisor : _____ Telephone: _____

Mobile: _____ Email: _____

5. Proposed Radio Band: _____

6. Propose Radio Frequency(s): _____

7. Type of Service Request (supply service ticket # if available) _____

8. List all personnel to be on site during service (attached copy of driver's license or US identification):

A. _____

B. _____

C. _____

D. _____

E. _____

9. Antenna equipment – Attach applicable specifications:

- A. Number of antennas _____
- B. Number of zones _____
- C. Antenna dimensions _____
- D. Antenna type, manufacturer and model no. _____
- E. Number of Radio Units _____
- F. Radio Unit dimensions _____
- G. Radio Unit type, manufacturer and model no. _____
- H. Transmission line or cable manufacturer and model no.

- I. Size of cables _____ Number of cables _____
- J. Antenna location on the tower:

(N, S, E, W, NE, etc. or specify the exact antenna
azimuths)
- K. GPS Antenna Y / N (Circle One)

If yes, provide Dimensions and Weight:

10. Dish equipment – Attach applicable specifications

- A. Number of dishes _____ Dish dimensions _____ Microwave Y / N (Circle One) Satellite Y / N (Circle One)
- B. Dish type, manufacturer and model no.

- C. Transmission line or cable manufacturer and model no.

- D. Size of cables _____ Number of cables _____
- E. Dish location on tower: _____

Initial here _____ to indicate specifications are attached.

11. Ground equipment – Attach applicable specifications

A. Square feet required _____

B. Inside Tower Y / N (Circle One) Inside Lessee building Y / N (Circle One) Outside Y / N (Circle One)

C. Number of cabinets _____ Cabinet dimensions

D. Number of air conditioners _____ Air conditioner description

E. Generator on site Y / N (Circle One) If yes, provide type, size and where to be located.

F. Isolator manufacturer and model no. _____

G. Duplexer manufacturer and model no. _____

H. Filters manufacturer and model no. _____

I. Controls used in addition to the transmitter/receiver cabinet(s) Y / N (Circle One)

If yes, how many? _____ Manufacturer and model no. _____

Initial here _____ to indicate specifications are attached

12. Desired date of operation: _____

13. Description of Scope of Work (Example: Diagnose and repair 3 radio head units; replace nonfunctioning antenna with same model)

Note: Form effective 2019; subject to change

[Signature Required Below]

Service Company Representative _____ Date: _____

Print Name _____

EXHIBIT H

**CERTIFICATES OF INSURANCE
AND POLICY ENDORSEMENTS**

[To be attached in accordance with Section 10.3.1 of this Agreement]



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

5/1/2025

7/2/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Lockton Companies Three City Place Drive, Suite 900 St. Louis MO 63141-7081 (314) 432-0500 midwestcertificates@lockton.com	CONTACT NAME: PHONE (A/C. No. Ext): E-MAIL: ADDRESS: <table style="width: 100%;"> <tr> <th style="text-align: center;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: center;">NAIC #</th> </tr> <tr> <td>INSURER A: Continental Casualty Company</td> <td style="text-align: center;">20443</td> </tr> <tr> <td>INSURER B: The Continental Insurance Company</td> <td style="text-align: center;">35289</td> </tr> <tr> <td>INSURER C: Transportation Insurance Company</td> <td style="text-align: center;">20494</td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Continental Casualty Company	20443	INSURER B: The Continental Insurance Company	35289	INSURER C: Transportation Insurance Company	20494	INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #														
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INSURER C: Transportation Insurance Company	20494														
INSURER D:															
INSURER E:															
INSURER F:															
INSURED 1358772 T-Mobile US, Inc. Its Subsidiaries and Affiliates, including Sprint Corporation 12920 SE 38th Street Bellevue WA 98006															

COVERAGES**CERTIFICATE NUMBER:** 19539703**REVISION NUMBER:** XXXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☒ LOC ☐ OTHER:	Y	Y	7012343900	5/1/2024	5/1/2025	EACH OCCURRENCE \$ 10,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 10,000,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 10,000,000 GENERAL AGGREGATE \$ 20,000,000 PRODUCTS - COMP/OP AGG \$ 20,000,000 \$
A	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY	N	N	7012343878	5/1/2024	5/1/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000 BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX \$ XXXXXXXX
B B B	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☒ RETENTION \$ 10,000	N	N	7014886953 SIR applies per policy terms & conditions	5/1/2024	5/1/2025	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$ XXXXXXXX
B B C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N ☒ N	N/A	7012343895 (AOS) 7012343881 (CA) 7012447142 (AZ,MA,OR,WI)	5/1/2024 5/1/2024 5/1/2024	5/1/2025 5/1/2025 5/1/2025	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 2,000,000 E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 E.L. DISEASE - POLICY LIMIT \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

THIS CERTIFICATE SUPERSEDES ALL PREVIOUSLY ISSUED CERTIFICATES FOR THIS HOLDER, APPLICABLE TO THE CARRIERS LISTED AND THE POLICY TERM(S) REFERENCED.

The Certificate Holder and other entities defined by written contract, statute, permit application or written agreement are additional insureds on a primary and non-contributory basis under general liability and are additional insured under automobile liability as required by written contract. Waiver of Subrogation applies under general liability and automobile liability as required by written contract. **See Attached Endorsements** ML84078A ML15AL023 / Huron WT - 720 S Huron Rd Green Bay, WISCONSIN

CERTIFICATE HOLDER**CANCELLATION** See Attachments

19539703 City of Green Bay 100 North Jefferson Street Green Bay SW 54301	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	---

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City of Green Bay
100 North Jefferson Street
Green Bay SW 54301

IMPORTANT NOTICE

Dear Certificate Holder for T-Mobile and its subsidiaries (including Sprint):

In our continued effort to provide timely certificate delivery, Lockton Companies is transitioning to paperless delivery of Certificates of Insurance going forward.

To ensure future renewals of this certificate, we need your email address. Please contact us via one of the methods below, referencing **Certificate ID 19539703**

•Email: *stl-edelivery@lockton.com*

•Phone: *314-812-3888*

If we do not receive your email address via one of the above methods prior to the client's next renewal, we will assume you no longer need the certificate.

If you received this certificate through an internet link where the current certificate is viewable, we have your email and no further action is needed.

The above inbox is for collecting email addresses for renewal electronic certificate delivery ONLY. You will not receive a response from this inbox.

Thank you for your cooperation.

Lockton Companies



POLICY HOLDER NOTICE – COUNTRYWIDE

It is understood and agreed that:

If the Named Insured has agreed under written contract to provide notice of cancellation to a party to whom the Agent of Record has issued a Certificate of Insurance, and if the Insurer cancels a policy term described on that Certificate of Insurance for any reason other than nonpayment of premium, then notice of cancellation will be provided to such Certificate holders at least 30 days in advance of the date cancellation is effective.

If notice is mailed, then proof of mailing to the last known mailing address of the Certificate holder on file with the Agent of Record will be sufficient to prove notice.

Any failure by the Insurer to notify such persons or organizations will not extend or invalidate such cancellation, or impose any liability or obligation upon the Insurer or the Agent of Record.

All other terms and conditions of the policy remain unchanged.

This endorsement, which forms a part of and is for attachment to the policy issued by the designated Insurers, takes effect on the Policy Effective date of said policy at the hour stated in said policy, unless another effective date (the Endorsement Effective Date) is shown below, and expires concurrently with said policy.

Form No: CNA75014XX (01-2015)
Endorsement Effective Date: 5/1/2024
Endorsement No: Page: 1 of 1
Underwriting Company: Continental Casualty Company

Policy No: 7012343900
Policy Effective Date: 5/1/2024

TMO Signatory Level: L06



NOTICE OF CANCELLATION TO CERTIFICATEHOLDERS

It is understood and agreed that:

If you have agreed under written contract to provide notice of cancellation to a party to whom the Agent of Record has issued a Certificate of Insurance, and if we cancel a policy term described on that Certificate of Insurance for any reason other than nonpayment of premium, then notice of cancellation will be provided to such Certificateholders at least 30 days in advance of the date cancellation is effective.

If notice is mailed, then proof of mailing to the last known mailing address of the Certificateholder on file with the Agent of Record will be sufficient to prove notice.

Any failure by us to notify such persons or organizations will not extend or invalidate such cancellation, or impose any liability or obligation upon us or the Agent of Record.

All other terms and conditions of the policy remain unchanged.

This endorsement, which forms a part of and is for attachment to the policy issued by the designated Insurers, takes effect on the Policy Effective date of said policy at the hour stated in said policy, unless another effective date (the Endorsement Effective Date) is shown below, and expires concurrently with said policy.

Form No: CNA68021XX (02-2013)
Endorsement Effective Date: 5/1/2024
Endorsement No:
Underwriting Company: Continental Casualty Company

Policy No: 7012343878
Policy Effective Date: 5/1/2024
Policy Page:
TMO Signatory Level: L06
NLG-94083

EXHIBIT I

FORM OF MEMORANDUM OF AGREEMENT

[Attached]

MEMORANDUM OF AGREEMENT

THIS MEMORANDUM OF AGREEMENT (“**Memorandum**”) is by and between the City of Green Bay, a municipal corporation acting in its capacity as a municipal water utility (“**Green Bay**”) and T-Mobile Central, LLC, a Delaware limited liability company (“**Licensee**”).

RECITALS

- A. Whiting owns property located at 720 South Huron Road, Green Bay, WI 54311 (“**Property**”), on which it maintains a water tower (“**Tower**”).
- B. Whiting and Licensee entered into a Water Tower License Agreement (“**Agreement**”) dated _____, 2024 (“**Effective Date**”) for the purpose of allowing Licensee to install and maintain certain telecommunications equipment on the Tower and within an approximately 300-square foot portion of the Property.
- C. This Memorandum is being recorded to place third parties on notice of the Agreement and of certain rights and obligations of Green Bay and Licensee thereunder, which are summarized below.

RETURN TO:

[**INSERT**]

P.I.N.

Pt. of 21-172-1

NOW, THEREFORE, Green Bay and Licensee acknowledge the following:

1. *Land Space*. Subject to the provisions of the Agreement and for the duration of its term, Licensor licenses to Licensee the portion of the Property legally described on Exhibit A (the “**Land Space**”).
2. *Term*. The initial term of the Agreement is for a period of five years commencing on the Effective Date. Licensee has the option to renew and extend term of the Agreement for four additional periods of five years each, upon the terms and conditions set forth in the Agreement.
3. *Prior Leases*. The Agreement supersedes and replaces all prior leases between Green Bay and Licensee and their predecessors in interest with respect to the Property (along with any easements described therein), including the Tower/Land Lease Agreement between the City of Green Bay and Alamosa (Wisconsin) Properties, LLC dated June 20, 2001, which is referenced in Memorandum of Agreement recorded on August 7, 2001 in the office of the Brown County Register of Deeds as Document No. 1832248 (“**Prior Memorandum**”). That Prior Memorandum is hereby terminated and is superseded and replaced by this Memorandum.

4. *Agreement Controlling.* This Memorandum is only a summary of some of the terms and conditions of the Agreement and is not intended to amend, alter, modify, abrogate, substitute, or otherwise affect any of the terms or conditions of the Agreement. In the event of a conflict between the provisions of this Memorandum and the provisions of the Agreement, the provisions of the Agreement shall control.

IN WITNESS WHEREOF, Green Bay and Licensee have executed this Memorandum of Agreement as of the date of the last signature below.

LICENSOR:
CITY OF GREEN BAY, WISCONSIN
A municipal corporation acting in its
capacity as a municipal water utility

By: _____

Name: _____

Its: _____

Date: _____

[illegible]

Personally came before me this _____ day of _____, 2024, the above named _____ (name), _____ (title), of the City of Green Bay, to me known to be the persons who executed the foregoing Memorandum of Agreement and acknowledged the same.

Print or Type Name: _____
 Notary Public, State of Wisconsin
 My Commission: _____

[Signature Page to Memorandum of Agreement]

LICENSEE:

T-MOBILE CENTRAL, LLC

a Delaware limited liability company

By: _____

Name: _____

Its: _____

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

Personally came before me this ____ day of _____, 2024, the above named _____ (name), the _____ (title) of T-Mobile Central, LLC, to me known to be the person who executed the foregoing Memorandum of Agreement and acknowledged the same.

Print or Type Name: _____
Notary Public, State of _____
My Commission: _____

This instrument drafted by:

Julia K. Potter
Boardman & Clark LLP
P.O. Box 927
Madison, WI 53701-0927

**EXHIBIT A
TO MEMORANDUM OF AGREEMENT**

Land Space

THAT PART OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 11, TOWNSHIP 23 NORTH RANGE 21 EAST OF THE FOURTH PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: COMMENCING AT A CUT CROSS FOUND AT THE NORTHEAST CORNER OF SAID NORTHWEST QUARTER, PER CERTIFIED LAND CORNER REVISED TIE SHEET 31E19; THENCE SOUTH 89°30'38" WEST, ALONG THE NORTH LINE OF SAID NORTHWEST QUARTER, 305.00 FEET; THENCE SOUTH 0°29'22" EAST, PERPENDICULAR TO THE LAST DESCRIBED COURSE, 222.00 FEET TO A POINT OF BEGINNING; THENCE CONTINUING SOUTH 0°29'22" EAST 15.00 FEET; THENCE NORTH 89°30'38" EAST 20.00 FEET; THENCE NORTH 0°29'22" WEST 15.00 FEET; THENCE SOUTH 89°30'38" WEST 20.00 FEET TO THE POINT OF BEGINNING, ALL IN BROWN COUNTY, WISCONSIN, AND CONTAINING 300 SQUARE FEET THEREIN.

EXHIBIT J

W-9 FORM

[Attached]

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type.
See Specific Instructions on page 3.

1

Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)

2

Business name/disregarded entity name, if different from above.

3a

Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor

☐ C corporation

☐ S corporation

☐ Partnership

☐ Trust/estate

☐ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership)
Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner.

☐ Other (see instructions)

4

Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any)

Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any)

(Applies to accounts maintained outside the United States.)

3b

If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions ☐

5

Address (number, street, and apt. or suite no.). See instructions.

Requester's name and address (optional)

6

City, state, and ZIP code

7

List account number(s) here (optional)

Part I

Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

-

-

or

Employer identification number

Part II

Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and

2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and

3. I am a U.S. citizen or other U.S. person (defined below); and

4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions.

You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here

Signature of U.S. person

Date

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

Cat. No. 10231X

Form **W-9** (Rev. 3-2024)
TMO Signatory Level: L06
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must obtain your correct taxpayer identification number (TIN), which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid).
- Form 1099-DIV (dividends, including those from stocks or mutual funds).
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds).
- Form 1099-NEC (nonemployee compensation).
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers).
- Form 1099-S (proceeds from real estate transactions).
- Form 1099-K (merchant card and third-party network transactions).
- Form 1098 (home mortgage interest), 1098-E (student loan interest), and 1098-T (tuition).
- Form 1099-C (canceled debt).
- Form 1099-A (acquisition or abandonment of secured property).

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

Caution: If you don't return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding*, later.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued);
2. Certify that you are not subject to backup withholding; or
3. Claim exemption from backup withholding if you are a U.S. exempt payee; and
4. Certify to your non-foreign status for purposes of withholding under chapter 3 or 4 of the Code (if applicable); and
5. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting is correct. See *What Is FATCA Reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Establishing U.S. status for purposes of chapter 3 and chapter 4 withholding. Payments made to foreign persons, including certain distributions, allocations of income, or transfers of sales proceeds, may be subject to withholding under chapter 3 or chapter 4 of the Code (sections 1441–1474). Under those rules, if a Form W-9 or other certification of non-foreign status has not been received, a withholding agent, transferee, or partnership (payor) generally applies presumption rules that may require the payor to withhold applicable tax from the recipient, owner, transferor, or partner (payee). See Pub. 515, *Withholding of Tax on Nonresident Aliens and Foreign Entities*.

The following persons must provide Form W-9 to the payor for purposes of establishing its non-foreign status.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the disregarded entity.
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the grantor trust.
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust and not the beneficiaries of the trust.

See Pub. 515 for more information on providing a Form W-9 or a certification of non-foreign status to avoid withholding.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person (under Regulations section 1.1441-1(b)(2)(iv) or other applicable section for chapter 3 or 4 purposes), do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515). If you are a qualified foreign pension fund under Regulations section 1.897(l)-1(d), or a partnership that is wholly owned by qualified foreign pension funds, that is treated as a non-foreign person for purposes of section 1445 withholding, do not use Form W-9. Instead, use Form W-8EXP (or other certification of non-foreign status).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a saving clause. Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if their stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first Protocol) and is relying on this exception to claim an exemption from tax on their scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called “backup withholding.” Payments that may be subject to backup withholding include, but are not limited to, interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third-party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester;
2. You do not certify your TIN when required (see the instructions for Part II for details);
3. The IRS tells the requester that you furnished an incorrect TIN;
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only); or
5. You do not certify to the requester that you are not subject to backup withholding, as described in item 4 under “*By signing the filled-out form*” above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

See also *Establishing U.S. status for purposes of chapter 3 and chapter 4 withholding*, earlier.

What Is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all U.S. account holders that are specified U.S. persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you are no longer tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account, for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

• **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note for ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040 you filed with your application.

• **Sole proprietor.** Enter your individual name as shown on your Form 1040 on line 1. Enter your business, trade, or “doing business as” (DBA) name on line 2.

• **Partnership, C corporation, S corporation, or LLC, other than a disregarded entity.** Enter the entity’s name as shown on the entity’s tax return on line 1 and any business, trade, or DBA name on line 2.

• **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. Enter any business, trade, or DBA name on line 2.

• **Disregarded entity.** In general, a business entity that has a single owner, including an LLC, and is not a corporation, is disregarded as an entity separate from its owner (a disregarded entity). See Regulations section 301.7701-2(c)(2). A disregarded entity should check the appropriate box for the tax classification of its owner. Enter the owner’s name on line 1. The name of the owner entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For

example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner’s name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity’s name on line 2. If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, enter it on line 2.

Line 3a

Check the appropriate box on line 3a for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3a.

IF the entity/individual on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation.
• Individual or • Sole proprietorship	Individual/sole proprietor.
• LLC classified as a partnership for U.S. federal tax purposes or • LLC that has filed Form 8832 or 2553 electing to be taxed as a corporation	Limited liability company and enter the appropriate tax classification: P = Partnership, C = C corporation, or S = S corporation.
• Partnership	Partnership.
• Trust/estate	Trust/estate.

Line 3b

Check this box if you are a partnership (including an LLC classified as a partnership for U.S. federal tax purposes), trust, or estate that has any foreign partners, owners, or beneficiaries, and you are providing this form to a partnership, trust, or estate, in which you have an ownership interest. You must check the box on line 3b if you receive a Form W-8 (or documentary evidence) from any partner, owner, or beneficiary establishing foreign status or if you receive a Form W-9 from any partner, owner, or beneficiary that has checked the box on line 3b.

Note: A partnership that provides a Form W-9 and checks box 3b may be required to complete Schedules K-2 and K-3 (Form 1065). For more information, see the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

If you are required to complete line 3b but fail to do so, you may not receive the information necessary to file a correct information return with the IRS or furnish a correct payee statement to your partners or beneficiaries. See, for example, sections 6698, 6722, and 6724 for penalties that may apply.

Line 4 Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third-party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys’ fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space on line 4.

1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2).

- 2—The United States or any of its agencies or instrumentalities.
- 3—A state, the District of Columbia, a U.S. commonwealth or territory, or any of their political subdivisions or instrumentalities.
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities.
- 5—A corporation.
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or territory.
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission.
- 8—A real estate investment trust.
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940.
- 10—A common trust fund operated by a bank under section 584(a).
- 11—A financial institution as defined under section 581.
- 12—A middleman known in the investment community as a nominee or custodian.
- 13—A trust exempt from tax under section 664 or described in section 4947.

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
• Interest and dividend payments	All exempt payees except for 7.
• Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
• Barter exchange transactions and patronage dividends	Exempt payees 1 through 4.
• Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5. ²
• Payments made in settlement of payment card or third-party network transactions	Exempt payees 1 through 4.

¹ See Form 1099-MISC, Miscellaneous Information, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) entered on the line for a FATCA exemption code.

- A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37).
- B—The United States or any of its agencies or instrumentalities.
- C—A state, the District of Columbia, a U.S. commonwealth or territory, or any of their political subdivisions or instrumentalities.
- D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i).
- E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i).

- F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state.
- G—A real estate investment trust.
- H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940.
- I—A common trust fund as defined in section 584(a).
- J—A bank as defined in section 581.
- K—A broker.
- L—A trust exempt from tax under section 664 or described in section 4947(a)(1).
- M—A tax-exempt trust under a section 403(b) plan or section 457(g) plan.

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, enter "NEW" at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have, and are not eligible to get, an SSN, your TIN is your IRS ITIN. Enter it in the entry space for the Social security number. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/EIN. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or Form SS-4 mailed to you within 15 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and enter "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, you will generally have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon. See also *Establishing U.S. status for purposes of chapter 3 and chapter 4 withholding*, earlier, for when you may instead be subject to withholding under chapter 3 or 4 of the Code.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third-party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
6. Sole proprietorship or disregarded entity owned by an individual	The owner ³
7. Grantor trust filing under Optional Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))**	The grantor*

For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing Form 1041 or under the Optional Filing Method 2, requiring Form 1099 (see Regulations section 1.671-4(b)(2)(i)(B))**	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name on line 1, and enter your business or DBA name, if any, on line 2. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.)

* **Note:** The grantor must also provide a Form W-9 to the trustee of the trust.

** For more information on optional filing methods for grantor trusts, see the Instructions for Form 1041.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information, such as your name, SSN, or other identifying information, without your permission to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax return preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity, or a questionable credit report, contact the IRS Identity Theft Hotline at 800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 877-777-4778 or TTY/TDD 800-829-4059.

Protect yourself from suspicious emails or phishing schemes.

Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/idtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.IdentityTheft.gov and Pub. 5027.

Go to www.irs.gov/IdentityTheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and territories for use in administering their laws. The information may also be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payors must generally withhold a percentage of taxable interest, dividends, and certain other payments to a payee who does not give a TIN to the payor. Certain penalties may also apply for providing false or fraudulent information.



Green Bay Water Commission **MEMORANDUM**

DATE: August 12, 2024
TO: Green Bay Water Commission
FROM: General Manager Brian Powell
RE: 2024 Strategic Plan Update

Green Bay Water recommends the approval of the 2025-2027 Strategic Plan. The Strategic Plan was facilitated by Core Consulting using feedback and input from the Commission, utility staff and external stakeholders. Multiple work groups were held to develop the plan which builds upon the previous Strategic Plan and the utility's Master Plan.

The plan is attached for your review and is comprised of two documents. The Summary Document and the Goals & Objectives Document which is more or our internal working document. Once the plan is approved, we will proceed to designing and publishing it.

Summary Document

DRAFT: Green Bay Water Utility 2025 – 2027 Strategic Plan

The **MISSION** of the Green Bay Water Utility is to:

Provide a reliable, high-quality drinking water supply with exceptional customer service and value.

The **VISION** we are working toward:

Prioritizing constant improvement as a valued and collaborative community partner, top-rated workplace, and innovative industry expert.

The **CORE VALUES** that guide our behaviors and decisions are:

- **Health and Safety**

Protecting the health and safety of our employees and community through high operational and regulatory standards

- **Sustainability**

Prioritizing the long-term viability of financial, water, and natural resources

- **Employee and Customer Experience**

Providing an environment where people are valued, engaged, and treated with the utmost respect and professionalism

- **Integrity**

Earning trust by acting in good faith and with transparency in all interactions.

The **STRATEGIC PILLARS** that house our strategy's goals and objectives are:

Pillar 1: Operational Resiliency

The integrity of our infrastructure, processes, and tools is at the heart of the mission we serve in this community. We take proactive measures to protect the condition of our infrastructure through preventive maintenance and risk management. Rehabilitation and replacement of infrastructure is completed on a prioritized basis through a deliberate asset management approach. Lastly, we ensure the treated water that enters your homes, businesses and industries meets or exceeds the standards by which the utility is regulated.

GOALS to support this Pillar:

- Rehabilitate and replace aging infrastructure.
- Proactively perform preventive maintenance of existing infrastructure.

POWERING POTENTIAL



- Promote risk and emergency preparedness/management.
- Supply water that meets or exceeds all regulated standards.
- Continue to explore and implement innovative processes and technologies.
- Invest in the resources and tools that will help us efficiently and effectively complete jobs.

Pillar 2: Organizational Sustainability

Maintaining the Green Bay Water Utility as a viable operation enables our communities to thrive. We think long-term to ensure the sustainability of the essential services we provide and the efficiency and effectiveness by which they are managed. The continuous, dependable delivery of our mission is upheld by maintaining competitive rates, optimizing use of technology, being mindful of our impact on environmental resources, and exercising a proactive voice in regulatory matters. Always with the community's best interests in mind.

GOALS to support this Pillar:

- Maintain competitive and stable rates.
- Ensure financial viability.
- Enhance environmental sustainability.
- Ensure regulatory compliance.
- Optimize technology infrastructure.

Pillar 3: Workforce

The only way we will be successful in the achievement of this strategic plan is through the talent and commitment of our people. Providing a safe and engaging workplace experience is critical to attracting, developing and retaining the people who work hard around the clock to deliver our mission. As we look ahead, it's important that we build our "workforce of the future" through effective succession planning and the transfer of institutional knowledge. All while continuing to lead with a culture of transparency and support.

GOALS to support this Pillar:

- Ensure effective succession planning.
- Provide a safe work environment.
- Engage and develop employees.
- Attract and retain a quality workforce.
- Promote management transparency that is "open-door" and solutions-focused.

Pillar 4: Customer Service

Through an emphasis on education and timely and relevant information-sharing, customer service will continue to be a strength of the Green Bay Water Utility. Knowing that not every customer is the exact same, it is important that we utilize several different tailored communications to provide what our customers need, when they need it. We will equip employees with the knowledge, resources, and empowerment to provide the best customer service possible and share their valuable experience with other industry peers and partners.

GOALS to support this Pillar:

- Educate and inform the community of utility services.
- Share our knowledge and experience with peers across the industry.
- Build new and strengthen existing partnerships.



GBW: Goals & Objectives

Pillar: Operational Resiliency

Goal: Rehabilitate and replace aging infrastructure.		Goal Champion: Brian
Objective	Owner	Deadline
Replace 4" and smaller pipes that are not part of the city's 5-year road replacement plan.	Doug	Ongoing
Continue to maintain 1% water main replacement with city's 5-year road replacement plan.	Doug	Ongoing
Continue implementation of master plan.	Doug	Ongoing

Goal: Proactively perform preventive maintenance of existing infrastructure.		Goal Champion: Brian
Objective	Owner	Deadline
Overcoat FP wash and Huron water towers to extend life of original coating.	Jon/Russ	End of year 2025
Develop strategy to bring short intake back into service.	Jon/Russ	End of 1st quarter 2025
Identify critical mains where pipe lining could be utilized (RR crossing, creek crossings, etc.).	Kristin/Jason	End of 3rd Quarter 2025

Goal: Promote risk and emergency preparedness/management.		Goal Champion: Brian
Objective	Owner	Deadline
Complete CISA cybersecurity audit.	Kevin	End of 4th Quarter 2024
Provide in-house training scenarios regarding our Emergency Response Plan with the key personnel and on-call staff. For example – pressure zone training, scenario-like main break on Oneida during the 2025 draft, 36" mains, etc.	Justin	Continuously on quarterly basis

Goal: Supply water that meets or exceeds all regulated standards.		Goal Champion: Russ
Objective	Owner	Deadline
Complete PFAS study and consider recommendations.	Russ	End of 1st Quarter 2025
Complete AWWA "partnership for safe water program" at Filter Plant.	Jeff P	End of 2025

Goal: Continue to explore and implement innovative processes and technologies.		Goal Champion: Brian
<i>Objective</i>	<i>Owner</i>	<i>Deadline</i>
Continue to utilize satellite leak detection, pipe diver, smart ball technologies.	Doug	Ongoing
Continue to explore new technologies/processes (PipeSonic, Meter reading, etc.).	Brian & Doug in consult with appropriate department	Ongoing

Goal: Invest in the resources and tools that will help us efficiently and effectively complete jobs.		Goal Champion: Doug
<i>Objective</i>	<i>Owner</i>	<i>Deadline</i>
Complete SCADA update.	Russ	End of 1st Quarter 2025
Complete station Radio and PLC updates.	Jon	End of 3rd Quarter 2025
Explore communication upgrades for utility facilities.	Jon	End of 2nd Quarter 2025
Complete ArcGIS Upgrade and Utility Network implementation	Kristin	End of 3 rd Quarter 2025

Pillar: Organizational Sustainability

Goal: Maintain competitive and stable rates.		Goal Champion: Stephanie
<i>Objective</i>	<i>Owner</i>	<i>Deadline</i>
Use rate models and forecasting to determine requirements.	Stephanie	Ongoing/at least annually
Establish and meet capital, operating and maintenance budgets.	Colleen and Stephanie	Ongoing/annually 4th Quarter

Goal: Ensure financial viability.		Goal Champion: Stephanie
<i>Objective</i>	<i>Owner</i>	<i>Deadline</i>
Diversify and grow utility revenue streams by analyzing the cost/benefit of expanding business services and wholesale customers.	Brian and Stephanie	Ongoing
Maintain the ongoing Five-year Capital Plan.	Colleen and Stephanie	Ongoing/annually 4th Quarter



Goal: Enhance environmental sustainability.		Goal Champion: Brian
<i>Objective</i>	<i>Owner</i>	<i>Deadline</i>
Continue to evaluate and implement recommendations from Slipstream Sustainability Report (electric vehicles, LED lighting, etc.).	Doug	Ongoing
Design and install solar field at lake station.	Doug	Design: 4th Qtr 2024, Install: 2nd Qtr 2026
Promote and emphasize paperless billing and implement paperless payment options.	Kim and Stephanie	Ongoing/3rd Qtr 2025 upgrade to software needed
Implement recommendations from pump efficiency study.	Doug	1st Phase: 4th Qtr 2024, 2nd Phase: 2nd Qtr 2026
Continue to investigate unaccounted for water to minimize loss.	Doug	Ongoing

Goal: Ensure regulatory compliance.		Goal Champion: Brian
<i>Objective</i>	<i>Owner</i>	<i>Deadline</i>
Attend relevant seminars, training and meetings relating to regulatory issues.	Management Team	Ongoing
Actively engage with DNR and PSC on current and emerging issues.	Management Team	Ongoing

Goal: Optimize technology infrastructure.		Goal Champion: Kevin
<i>Objective</i>	<i>Owner</i>	<i>Deadline</i>
Implement recommendations from cyber security analysis with CISA.	Kevin	Ongoing
Perform necessary upgrades and maintain a network including servers, switches, etc. to remain current.	Kevin	Ongoing
Ensure each department has the necessary infrastructure in place to utilize technology to improve processes and efficiencies within the utility.	Kevin	Ongoing



Pillar: Workforce

Goal: Ensure effective succession planning.		Goal Champion: Brian
Objective	Owner	Deadline
Review and update existing succession plan and communicate it with all staff.	Hailey	Ongoing
Engage with middle and high school students to educate them on water utility career opportunities.	Andrea and Meghan	June 2026

Goal: Provide a safe work environment.		Goal Champion: Seng
Objective	Owner	Deadline
Promote the current Safety Committee Program.	Seng	Ongoing
Promote safety suggestions to Seng for tailoring safety updates to utility needs.	Seng	Ongoing

Goal: Engage and develop employees.		Goal Champion: Brian & Doug
Objective	Owner	Deadline
Promote skill-building and cross-training initiatives within the utility.	Hailey	Ongoing
Support professional development efforts (courses, CIVMIC, etc.).	Hailey	Ongoing

Goal: Attract and retain a quality workforce.		Goal Champion: Brian, Stephanie & Doug
Objective	Owner	Deadline
Promote/maintain employee work-life balance options.	Hailey	Ongoing
Continue to regularly update workforce and salary studies with communication of results/updates to all staff (Total Rewards communication).	Hailey	Ongoing
Keep a pulse on employees' career interests through means such as stay interviews and career pathing efforts.	Hailey	Ongoing

Goal: Promote management transparency that is "open-door" and solutions-focused.		Goal Champion: Brian, Stephanie and Doug
Objective	Owner	Deadline
Encourage regular team discussions on work issues/challenges to gain team member ideas.	Hailey	Ongoing
Develop utility listening sessions to promote ideas from employees.	Hailey	Ongoing
Host regularly scheduled "What's Up at the Utility" meetings – determine the best method and cadence to keep all employees updated.	Hailey	Ongoing



Pillar: Customer Service

Goal: Educate and inform the community of utility services.		Goal Champion: Andrea
Objective	Owner	Deadline
Provide detailed information and encouragement for employees to be empowered to share utility information with customers in a positive light.	Meghan and appropriate department	Ongoing
Coordinate with the communication staff to utilize multiple forms of appropriate channels and technology platforms to inform customers of utility services.	Andrea and Meghan	Ongoing
Rebrand the current bill format to increase clarity and understanding.	Andrea, Stephanie and Kim	December 2025

Goal: Share our knowledge and experience with peers across the industry.		Goal Champion: Brian
Objective	Owner	Deadline
Promote our availability and maintain open lines of communication with our employees and local network of partners to share knowledge/experience, and maintain a measured “eye” on national topics.	Andrea and Meghan in consult with appropriate department	Ongoing

Goal: Build new and strengthen existing partnerships.		Goal Champion: Brian
Objective	Owner	Deadline
Maintain connection with large water users and wholesale customers to ensure their questions/informational needs are met.	Doug & Stephanie in consult with appropriate department	Ongoing
Investigate options for new partnerships via local options (WRWA, NWPA or other working groups).	Doug & Stephanie in consult with appropriate department	Ongoing

Note: Have Andrea give input on the above goal as well once back from leave. For example – community events, increase outreach to niche groups/audiences – like certain cultural/ethnic groups.



GREEN BAY WATER
CASH POSITION
May 31, 2023 & 2024

	5/31/2023	5/31/2024
UNRESTRICTED CURRENT ASSETS		
Cash & Investments - Operation & Maintenance		
Local Govt. Investment Pool	\$ 107,609	\$ 113,497
Associated Bank Checking	10,172,744	10,400,078
Working Cash Funds - Petty Cash	1,700	1,700
Total Cash & Investments - Operation & Maintenance	<u>10,282,053</u>	<u>10,515,275</u>
RESTRICTED CURRENT ASSETS		
Cash & Investments - Restricted		
Certificates of Deposit - Bond Redemption	2,347,000	2,670,000
Associated Bank Money Market Account - Bond Redemption	4,628	2,331
Associated Bank Checking - Private Service Replacement	158,892	-
Local Govt. Investment Pool - Construction Fund	364	-
Total Cash & Investments - Restricted	<u>2,510,884</u>	<u>2,672,331</u>
RESTRICTED LONG-TERM ASSETS		
Cash & Investments - Debt Reserve		
Associated Trust Money Market	564,335	479,800
Associated Trust Certificates of Deposit	469,881	479,793
Associated Trust Municipal Bonds	5,467,131	5,812,784
Total Cash & Investments - Debt Reserve	<u>6,501,347</u>	<u>6,772,377</u>
 TOTAL CASH POSITION	 <u>\$ 19,294,284</u>	 <u>\$ 19,959,983</u>

GREEN BAY WATER**BALANCE SHEET**

May 31, 2023 & 2024

	<u>5/31/2023</u>	<u>5/31/2024</u>
ASSETS		
Current Assets		
Unrestricted Current Assets		
Cash & Investments - Operating & Maintenance	\$ 10,282,053	\$ 10,515,275
Accounts Receivable - Customer Accounts	11,162,096	11,966,113
Inventories	768,635	731,979
Prepaid Items	172,050	33,021
Total Unrestricted Current Assets	<u>22,384,834</u>	<u>23,246,388</u>
Restricted Current Assets		
Cash & Investments - Bond Redemption Fund	2,351,628	2,672,331
Interest Receivable	18,914	18,585
Cash & Investments - Private Service Replacement Fund	158,892	-
Accounts Receivable - Grants	680	29,750
Total Restricted Current Assets	<u>2,530,114</u>	<u>2,720,666</u>
Total Current Assets	<u>24,914,948</u>	<u>25,967,054</u>
Noncurrent Assets		
Restricted Assets		
Cash & Investments - Debt Reserve Fund	6,501,347	6,772,377
Accrued Interest	35,441	46,223
Cash & Investments - Construction Fund	364	-
Net Pension Asset	2,127,002	-
Total Restricted Assets	<u>8,664,154</u>	<u>6,818,600</u>
Other Assets		
Unamortized Ashwaubenon Booster	1,062,581	931,127
Unamortized Wrightstown Loan/Grant	398,263	366,613
Total Other Assets	<u>1,460,844</u>	<u>1,297,740</u>
Capital Assets		
Property, Plant & Equipment	254,173,063	259,558,990
Less: Accumulated Depreciation	(105,624,620)	(110,695,514)
Net Property, Plant & Equipment	<u>148,548,443</u>	<u>148,863,476</u>
Construction in Progress	516,906	565,664
Total Capital Assets	<u>149,065,349</u>	<u>149,429,140</u>
Total Noncurrent Assets	<u>159,190,347</u>	<u>157,545,480</u>
TOTAL ASSETS	<u>184,105,295</u>	<u>183,512,534</u>
DEFERRED OUTFLOWS OF RESOURCES		
Unamortized Loss on Advanced Refunding	273,254	187,689
Deferred Outflows - Pension	4,737,486	8,875,731
Total Deferred Outflows of Resources	<u>5,010,740</u>	<u>9,063,420</u>

GREEN BAY WATER
BALANCE SHEET
May 31, 2023 & 2024

	<u>5/31/2023</u>	<u>5/31/2024</u>
LIABILITIES		
Current Liabilities		
Accounts Payable	\$ 49,233	\$ 401,872
Sewer Collections Payable	6,449,938	7,121,754
Storm Water Collections Payable	3,211,702	3,422,399
Accrued Payroll Taxes	31,449	60,405
Accrued Payroll, Vacation & Sick Leave Pay	294,929	495,636
Accrued Taxes	986,312	993,803
Payable from Restricted Assets		
Current Portion of Long - Term Debt	4,305,000	4,415,000
Accrued Interest	116,674	107,510
Total Current Liabilities	<u>15,445,237</u>	<u>17,018,380</u>
 Long - term Obligations, Less Current Portion		
Revenue Bonds - Net of Premiums & Discounts	37,990,785	33,137,228
Accrued Vacation & Sick Leave Pay	206,831	201,769
Net Pension Liability	-	1,390,540
Total Long-term Liabilities	<u>38,197,616</u>	<u>34,729,537</u>
 TOTAL LIABILITIES	<u>53,642,853</u>	<u>51,747,916</u>
 DEFERRED INFLOWS OF RESOURCES		
Deferred Inflows - Pension	<u>5,627,565</u>	<u>6,665,467</u>
 NET POSITION		
Contributed Capital - City of Green Bay	736,907	744,232
Net Investment in Capital Assets	107,042,819	112,064,602
Restricted	11,077,230	9,431,756
Unrestricted	<u>10,988,662</u>	<u>11,921,981</u>
 TOTAL NET POSITION	<u>\$ 129,845,618</u>	<u>\$ 134,162,571</u>

GREEN BAY WATER

Statement of Revenues, Expenses and Changes in Net Position Month Ended May 31, 2023 and 2024

	5/31/23	5/31/24
OPERATING REVENUES		
Charges for services	\$ 8,907,340	\$ 9,180,843
Other	744,769	678,496
Total operating revenues	9,652,109	9,859,339
OPERATING EXPENSES		
Operation and maintenance	4,490,243	4,712,380
Depreciation	2,054,365	2,204,620
Total operating expenses	6,544,608	6,917,000
Operating income	3,107,501	2,942,339
NONOPERATING REVENUES (EXPENSES)		
Interest income	330,911	385,993
Grant revenue	451,855	25,200
Miscellaneous income	114,184	113,625
Interest and fiscal charges	(583,370)	(537,553)
Amortization of debt premium net of discounts	188,650	188,650
Amortization of loss on advance refundings	(71,523)	(37,832)
Total nonoperating revenues (expenses)	430,707	138,083
Income before contributions and transfers	3,538,208	3,080,422
Capital contributions	19,969	11,575
Transfers out - tax equivalent	(1,115,300)	(1,142,166)
Change in net position	2,442,877	1,949,831
Net position - January 1	127,402,741	132,212,739
Net position - May 31	\$ 129,845,618	\$ 134,162,570

GREEN BAY WATER

MAY 2024 REVENUE BUDGET REPORT

FOR 2024 05

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD REVENUE		AVAILABLE BUDGET	PCT USED
610 WATER UTILITY							
415000 MERCH & JOBBING REV	330,750	0	330,750	98,965.07	.00	231,784.93	29.9%
419900 INT INCOME-OPER FUND	400,000	0	400,000	273,919.10	.00	126,080.90	68.5%
419911 INT INC-BOND REDEMPTION	50,000	0	50,000	30,309.69	.00	19,690.31	60.6%
419920 INT INC-DEBT RESERVE	175,000	0	175,000	91,693.30	.00	83,306.70	52.4%
419925 UNREALIZED GAIN/LOSS DEBT RE	50,000	0	50,000	-9,935.46	.00	59,935.46	-19.9%
420000 GRANT REVENUE	0	0	0	25,200.00	.00	-25,200.00	100.0%
421000 MISC NON-OPERATING INC	300,000	0	300,000	11,575.44	.00	288,424.56	3.9%
429440 AMORT PREM-GB-2004	124,305	0	124,305	51,793.90	.00	72,511.10	41.7%
429443 AMORT PREM ASH-2004	12,625	0	12,625	5,260.40	.00	7,364.60	41.7%
429460 AMORT PREM-GB-2014	82,167	0	82,167	34,236.20	.00	47,930.80	41.7%
429463 AMORT PREM-ASH-2014	8,345	0	8,345	3,477.15	.00	4,867.85	41.7%
429470 AMORT PREM-GB-2019	313,470	0	313,470	130,612.65	.00	182,857.35	41.7%
429473 AMORT PREM-ASH-2019	31,837	0	31,837	13,265.60	.00	18,571.40	41.7%
429480 AMORT PREM-GB-2021	16,940	0	16,940	7,058.35	.00	9,881.65	41.7%
461508 METERED RESIDENTIAL	5,355,000	0	5,355,000	2,056,184.97	.00	3,298,815.03	38.4%
461558 METERED COMMERCIAL	2,131,500	0	2,131,500	793,202.86	.00	1,338,297.14	37.2%
461608 METERED INDUSTRIAL	6,825,000	0	6,825,000	2,447,125.04	.00	4,377,874.96	35.9%
461658 METERED APARTMENT < 3 UNITS	2,415,000	0	2,415,000	977,330.88	.00	1,437,669.12	40.5%
461708 METERED MULTI FAMILY	1,575,000	0	1,575,000	618,020.81	.00	956,979.19	39.2%
461758 METERED RESTAURANT	178,500	0	178,500	72,470.36	.00	106,029.64	40.6%
461808 METERED MUNICIPAL	467,250	0	467,250	160,728.82	.00	306,521.18	34.4%
462000 PRIVATE FIRELINES	169,050	0	169,050	40,975.02	.00	128,074.98	24.2%
463000 PUBLIC FIRE PROTECTION	1,449,000	0	1,449,000	591,825.36	.00	857,174.64	40.8%
466003 SALES FOR RESALE-ASH	3,465,000	0	3,465,000	1,194,487.26	.00	2,270,512.74	34.5%
466004 SALES FOR RESALE-SCOTT	89,250	0	89,250	26,368.15	.00	62,881.85	29.5%
466005 SALES FOR RESALE-HOBART	472,500	0	472,500	115,077.50	.00	357,422.50	24.4%
466006 SALES FOR RESALE-WRIGHTSTOWN	207,900	0	207,900	87,046.34	.00	120,853.66	41.9%
470000 LATE PAYMENT PENALTIES	125,000	0	125,000	29,386.40	.00	95,613.60	23.5%
471000 TURN ON & SET REVENUE	50,000	0	50,000	14,660.00	.00	35,340.00	29.3%
472000 RENT-CELL TOWERS	143,000	0	143,000	.00	.00	143,000.00	.0%
472010 RENT-ADDITIONAL METERS	22,000	0	22,000	7,110.18	.00	14,889.82	32.3%
472020 RENT - LAND	1,500	0	1,500	.00	.00	1,500.00	.0%
474000 OTHER WATER REVENUE-MISC	1,500	0	1,500	1,274.67	.00	225.33	85.0%
474010 RETURN ON METER INVEST	110,000	0	110,000	.00	.00	110,000.00	.0%
474020 REBATES	35,000	0	35,000	14,072.39	.00	20,927.61	40.2%
474030 PRIVATE WELL PERMITS	500	0	500	.00	.00	500.00	.0%
474040 SALE OF SCRAP	10,000	0	10,000	5,587.45	.00	4,412.55	55.9%
474050 TITLE COMPANY LETTERS	3,000	0	3,000	840.00	.00	2,160.00	28.0%
474060 THAW SERVICE	1,000	0	1,000	.00	.00	1,000.00	.0%
474070 MISSED APPOINTMENT CHARGE	0	0	0	225.00	.00	-225.00	100.0%

(1)

GREEN BAY WATER

MAY 2024 REVENUE BUDGET REPORT

FOR 2024 05

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD REVENUE		AVAILABLE BUDGET	PCT USED
476000 SEWER REIMB FROM CITY	1,075,000	0	1,075,000	450,000.00	.00	625,000.00	41.9%
476100 STORM REIMB FROM CITY	408,000	0	408,000	170,000.00	.00	238,000.00	41.7%
TOTAL WATER UTILITY	28,680,889	0	28,680,889	10,641,430.85	.00	18,039,458.15	37.1%
GRAND TOTAL	28,680,889	0	28,680,889	10,641,430.85	.00	18,039,458.15	37.1%

** END OF REPORT - Generated by Stephanie Rogers **

(1) DNR galvanized replacement program - not budgeted for.

GREEN BAY WATER

MAY 2024 EXPENSE BUDGET REPORT

FOR 2024 05

	ORIGINAL APPROP	TRANFRS/ ADJUSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
610 WATER UTILITY							
1630 STORES EXPENSE	88,576	0	88,576	33,194.64	.00	55,381.36	37.5%
1840 CLEARING ACCOUNTS	557,765	0	557,765	-212,742.86	.00	770,507.86	-38.1%
4030 DEPRECIATION EXPENSE	5,222,113	0	5,222,113	2,204,620.00	.00	3,017,493.00	42.2%
4050 AMORTIZATION OF OTHER PLANT	131,453	0	131,453	54,772.20	.00	76,680.80	41.7%
4080 TAXES	3,035,416	0	3,035,416	1,142,166.40	.00	1,893,249.60	37.6%
4160 MERCHANDISING & JOBBING EXP	244,146	0	244,146	96,696.69	.00	147,449.31	39.6%
4260 OTHER INCOME DEDUCTIONS	456,321	0	456,321	.00	.00	456,321.00	.0%
4270 INTEREST ON LONG-TERM DEBT	1,290,127	0	1,290,127	537,552.90	.00	752,574.10	41.7%
4280 AMORTIZATION OF DEBT DISCOUNT	228,727	0	228,727	94,885.80	.00	133,841.20	41.5%
6020 PURCHASED WATER	9,000	0	9,000	2,016.34	.00	6,983.66	22.4%
6130 MAINTENANCE OF INTAKES	10,000	0	10,000	.00	13,760.00	-3,760.00	137.6%
6160 MAINTENANCE OF SUPPLY MAINS	78,765	0	78,765	84,847.98	3,531.06	-9,614.04	112.2%
6200 PUMP OPS SUPERVISION & ENG	91,997	0	91,997	44,267.77	.00	47,729.23	48.1%
6230 FUEL OR POWER FOR PUMPING	937,000	0	937,000	296,525.81	.00	640,474.19	31.6%
6240 PUMP LABOR & EXPENSES	107,888	0	107,888	27,686.65	.00	80,201.35	25.7%
6260 MISC PUMPING EXPENSE	85,550	0	85,550	24,601.93	.00	60,948.07	28.8%
6300 PUMP MAINT SUPERVISION & ENG	42,369	0	42,369	15,595.57	.00	26,773.43	36.8%
6310 PUMP MAINT OF STRUCTURES	213,239	0	213,239	24,294.02	27,665.45	161,279.53	24.4%
6320 PUMP MAINT OF POWER PROD EQUIP	41,000	2,406	43,406	299.96	2,405.94	40,700.04	6.2%
6330 MAINT OF PUMPING EQUIP	399,500	89,901	489,401	174,179.02	50,243.72	264,978.26	45.9%
6400 TREATMENT OPS SUPERVIS & ENG	86,501	0	86,501	35,565.70	.00	50,935.30	41.1%
6410 CHEMICALS	628,000	0	628,000	174,683.78	.00	453,316.22	27.8%
6420 WATER TREATMENT OPERATIONS EXP	811,947	0	811,947	282,891.34	.00	529,055.66	34.8%
6430 MISC WATER TREATMENT EXP	182,437	0	182,437	68,186.69	.00	114,250.31	37.4%
6500 TREATMENT MAINT SUPERVIS & ENG	37,072	0	37,072	11,992.49	.00	25,079.51	32.3%
6510 TREATMENT MAINT OF STRUCTURES	54,967	0	54,967	12,593.65	.00	42,373.35	22.9%
6520 MAINT OF TREATMENT EQUIP	249,861	0	249,861	100,213.61	.00	149,647.39	40.1%
6600 TRANS & DIST OPS SUP & ENG	273,339	0	273,339	117,101.98	.00	156,237.02	42.8%
6620 TRANS & DIST LINES EXPENSE	280,900	0	280,900	50,660.95	.00	230,239.05	18.0%
6630 METER EXPENSE	226,460	0	226,460	106,632.79	.00	119,827.21	47.1%
6640 CUSTOMER INSTALLATION EXP	237,504	0	237,504	134,305.47	.00	103,198.53	56.5%
6650 MISC TRANS & DIST EXPENSES	468,410	0	468,410	222,540.96	.00	245,869.04	47.5%
6720 MAINT OF DIST RES & STANDPIPES	438,652	0	438,652	26,403.74	23,500.00	388,748.26	11.4%
6730 MAINT OF TRANS & DIST MAINS	1,486,918	0	1,486,918	325,632.37	.00	1,161,285.63	21.9%
6750 MAINT OF SERVICES	567,253	0	567,253	357,818.85	.00	209,434.15	63.1%
6760 MAINT OF METERS	67,404	0	67,404	22,964.85	.00	44,439.15	34.1%
6770 MAINT OF HYDRANTS	196,808	0	196,808	176,960.17	.00	19,847.83	89.9%
9020 METER READING EXPENSE	62,347	0	62,347	56,980.87	.00	5,366.13	91.4%
9030 CUSTOMER RECORDS & COLLECTION	1,030,767	0	1,030,767	539,149.10	.00	491,617.90	52.3%
9040 UNCOLLECTIBLE ACCOUNTS	2,000	0	2,000	209.74	.00	1,790.26	10.5%

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GREEN BAY WATER

MAY 2024 EXPENSE BUDGET REPORT

FOR 2024 05

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
9060 CUSTOMER SERVICE & INFORMATION	73,658	0	73,658	32,939.05	.00	40,718.95	44.7%
9200 ADMIN & GENERAL SALARIES	854,832	0	854,832	333,220.71	.00	521,611.29	39.0%
9210 OFFICE SUPPLIES & EXPENSES	110,395	0	110,395	38,697.88	.00	71,697.12	35.1%
9230 OUTSIDE SERVICES EMPLOYED	589,646	0	589,646	118,929.06	.00	470,716.94	20.2%
9240 PROPERTY INSURANCE	129,057	0	129,057	.00	.00	129,057.00	.0%
9250 INJURIES & DAMAGES	60,437	0	60,437	17,492.04	.00	42,944.96	28.9%
9260 EMPLOYEE PENSIONS & BENEFITS	1,364,566	0	1,364,566	544,909.85	.00	819,656.15	39.9%
9280 REGULATORY COMMISSION EXP	15,000	0	15,000	10,973.45	.00	4,026.55	73.2%
9300 MISC GENERAL EXPENSES	55,950	0	55,950	19,777.17	.00	36,172.83	35.3%
9320 MAINT OF GENERAL PLANT	241,954	0	241,954	105,716.25	4,822.00	131,415.75	45.7%
TOTAL WATER UTILITY	24,155,994	92,307	24,248,301	8,691,605.38	125,928.17	15,430,767.39	36.4%
GRAND TOTAL	24,155,994	92,307	24,248,301	8,691,605.38	125,928.17	15,430,767.39	36.4%

** END OF REPORT - Generated by Stephanie Rogers **

- (1) Additional work needed on lake station intake cleaning.
- (2) 36" main break
- (3) Purchased hydrants parts for summer maintenance
- (4) Software maintenance for meter reading software - paid in Jan.

GREEN BAY WATER
CASH POSITION
June 30, 2023 & 2024

	6/30/2023	6/30/2024
UNRESTRICTED CURRENT ASSETS		
Cash & Investments - Operation & Maintenance		
Local Govt. Investment Pool	\$ 108,059	\$ 114,002
Associated Bank Checking	11,295,045	10,312,181
Working Cash Funds - Petty Cash	1,700	1,700
Total Cash & Investments - Operation & Maintenance	<u>11,404,804</u>	<u>10,427,883</u>
RESTRICTED CURRENT ASSETS		
Cash & Investments - Restricted		
Certificates of Deposit - Bond Redemption	2,867,000	3,140,000
Associated Bank Money Market Account - Bond Redemption	4,628	2,331
Associated Bank Checking - Private Service Replacement	158,877	58,068
Total Cash & Investments - Restricted	<u>3,030,505</u>	<u>3,200,399</u>
RESTRICTED LONG-TERM ASSETS		
Cash & Investments - Debt Reserve		
Associated Trust Money Market	123,242	667,564
Associated Trust Certificates of Deposit	469,925	480,627
Associated Trust Municipal Bonds	5,904,668	5,649,866
Total Cash & Investments - Debt Reserve	<u>6,497,835</u>	<u>6,798,057</u>
 TOTAL CASH POSITION	 <u>\$ 20,933,144</u>	 <u>\$ 20,426,339</u>

GREEN BAY WATER
BALANCE SHEET
June 30, 2023 & 2024

	<u>6/30/2023</u>	<u>6/30/2024</u>
ASSETS		
Current Assets		
Unrestricted Current Assets		
Cash & Investments - Operating & Maintenance	\$ 11,404,804	\$ 10,427,883
Accounts Receivable - Customer Accounts	11,439,755	11,940,698
Inventories	820,798	817,003
Prepaid Items	158,150	31,141
Total Unrestricted Current Assets	<u>23,823,507</u>	<u>23,216,726</u>
Restricted Current Assets		
Cash & Investments - Bond Redemption Fund	2,871,628	3,142,331
Interest Receivable	28,826	27,481
Cash & Investments - Private Service Replacement Fund	158,877	58,068
Accounts Receivable - Grants	680	55,682
Total Restricted Current Assets	<u>3,060,011</u>	<u>3,283,561</u>
Total Current Assets	<u>26,883,518</u>	<u>26,500,286</u>
Noncurrent Assets		
Restricted Assets		
Cash & Investments - Debt Reserve Fund	6,497,835	6,798,057
Accrued Interest	43,529	57,499
Net Pension Asset	2,127,002	-
Total Restricted Assets	<u>8,668,366</u>	<u>6,855,556</u>
Other Assets		
Unamortized Ashwaubenon Booster	1,051,626	920,173
Unamortized Wrightstown Loan/Grant	395,625	363,975
Total Other Assets	<u>1,447,251</u>	<u>1,284,148</u>
Capital Assets		
Property, Plant & Equipment	254,398,838	259,609,786
Less: Accumulated Depreciation	<u>(106,035,493)</u>	<u>(111,136,438)</u>
Net Property, Plant & Equipment	148,363,345	148,473,348
Construction in Progress	587,521	638,122
Total Capital Assets	<u>148,950,866</u>	<u>149,111,471</u>
Total Noncurrent Assets	<u>159,066,483</u>	<u>157,251,175</u>
TOTAL ASSETS	<u>185,950,001</u>	<u>183,751,461</u>
DEFERRED OUTFLOWS OF RESOURCES		
Unamortized Loss on Advanced Refunding	260,133	181,307
Deferred Outflows - Pension	4,737,486	8,875,731
Total Deferred Outflows of Resources	<u>4,997,619</u>	<u>9,057,038</u>

GREEN BAY WATER**BALANCE SHEET**

June 30, 2023 & 2024

	<u>6/30/2023</u>	<u>6/30/2024</u>
LIABILITIES		
Current Liabilities		
Accounts Payable	\$ 49,233	\$ 400,702
Sewer Collections Payable	6,889,577	6,861,373
Storm Water Collections Payable	3,354,048	3,129,562
Accrued Payroll Taxes	31,485	68,637
Accrued Payroll, Vacation & Sick Leave Pay	284,960	495,636
Accrued Taxes	1,183,574	1,192,564
Payable from Restricted Assets		
Current Portion of Long - Term Debt	4,305,000	4,415,000
Accrued Interest	233,348	215,021
Total Current Liabilities	<u>16,331,225</u>	<u>16,778,495</u>
Long - term Obligations, Less Current Portion		
Revenue Bonds - Net of Premiums & Discounts	37,954,238	33,100,682
Accrued Vacation & Sick Leave Pay	188,966	201,769
Net Pension Liability	-	1,390,540
Total Long-term Liabilities	<u>38,143,204</u>	<u>34,692,991</u>
TOTAL LIABILITIES	<u>54,474,429</u>	<u>51,471,485</u>
DEFERRED INFLOWS OF RESOURCES		
Deferred Inflows - Pension	<u>5,627,565</u>	<u>6,665,467</u>
NET POSITION		
Contributed Capital - City of Green Bay	736,907	744,232
Net Investment in Capital Assets	106,951,761	111,777,096
Restricted	11,495,029	9,924,096
Unrestricted	<u>11,661,929</u>	<u>12,226,122</u>
TOTAL NET POSITION	<u>\$ 130,845,626</u>	<u>\$ 134,671,546</u>

GREEN BAY WATER

Statement of Revenues, Expenses and Changes in Net Position Month Ended June 30, 2023 and 2024

	6/30/23	6/30/24
OPERATING REVENUES		
Charges for services	\$ 11,160,528	\$ 10,895,118
Other	950,195	853,763
Total operating revenues	12,110,723	11,748,881
OPERATING EXPENSES		
Operation and maintenance	5,416,719	5,526,587
Depreciation	2,465,238	2,645,544
Total operating expenses	7,881,957	8,172,131
Operating income	4,228,766	3,576,750
NONOPERATING REVENUES (EXPENSES)		
Interest income	393,146	484,542
Grant revenue	533,752	51,132
Miscellaneous income	166,829	166,676
Interest and fiscal charges	(700,044)	(645,063)
Amortization of debt premium net of discounts	226,380	226,380
Amortization of loss on advance refundings	(85,828)	(45,398)
Total nonoperating revenues (expenses)	534,235	238,269
Income before contributions and transfers	4,763,001	3,815,019
Capital contributions	19,969	11,575
Transfers out - tax equivalent	(1,340,085)	(1,367,787)
Change in net position	3,442,885	2,458,807
Net position - January 1	127,402,741	132,212,739
Net position - June 30	\$ 130,845,626	\$ 134,671,546

GREEN BAY WATER

JUNE 2024 REVENUE BUDGET REPORT

FOR 2024 06

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD REVENUE		AVAILABLE BUDGET	PCT USED
610 WATER UTILITY							
415000 MERCH & JOBBING REV	330,750	0	330,750	148,616.07	.00	182,133.93	44.9%
419900 INT INCOME-OPER FUND	400,000	0	400,000	326,616.85	.00	73,383.15	81.7%
419911 INT INC-BOND REDEMPTION	50,000	0	50,000	39,204.97	.00	10,795.03	78.4%
419920 INT INC-DEBT RESERVE	175,000	0	175,000	110,733.17	.00	64,266.83	63.3%
419925 UNREALIZED GAIN/LOSS DEBT RE	50,000	0	50,000	7,981.24	.00	42,018.76	16.0%
420000 GRANT REVENUE	0	0	0	51,131.75	.00	-51,131.75	100.0%
421000 MISC NON-OPERATING INC	300,000	0	300,000	11,575.44	.00	288,424.56	3.9%
429440 AMORT PREM-GB-2004	124,305	0	124,305	62,152.68	.00	62,152.32	50.0%
429443 AMORT PREM ASH-2004	12,625	0	12,625	6,312.48	.00	6,312.52	50.0%
429460 AMORT PREM-GB-2014	82,167	0	82,167	41,083.44	.00	41,083.56	50.0%
429463 AMORT PREM-ASH-2014	8,345	0	8,345	4,172.58	.00	4,172.42	50.0%
429470 AMORT PREM-GB-2019	313,470	0	313,470	156,735.18	.00	156,734.82	50.0%
429473 AMORT PREM-ASH-2019	31,837	0	31,837	15,918.72	.00	15,918.28	50.0%
429480 AMORT PREM-GB-2021	16,940	0	16,940	8,470.02	.00	8,469.98	50.0%
461508 METERED RESIDENTIAL	5,355,000	0	5,355,000	2,428,216.82	.00	2,926,783.18	45.3%
461558 METERED COMMERCIAL	2,131,500	0	2,131,500	937,723.65	.00	1,193,776.35	44.0%
461608 METERED INDUSTRIAL	6,825,000	0	6,825,000	2,980,857.25	.00	3,844,142.75	43.7%
461658 METERED APARTMENT < 3 UNITS	2,415,000	0	2,415,000	1,108,083.35	.00	1,306,916.65	45.9%
461708 METERED MULTI FAMILY	1,575,000	0	1,575,000	719,720.33	.00	855,279.67	45.7%
461758 METERED RESTAURANT	178,500	0	178,500	81,044.97	.00	97,455.03	45.4%
461808 METERED MUNICIPAL	467,250	0	467,250	188,792.65	.00	278,457.35	40.4%
462000 PRIVATE FIRELINES	169,050	0	169,050	41,087.48	.00	127,962.52	24.3%
463000 PUBLIC FIRE PROTECTION	1,449,000	0	1,449,000	690,584.03	.00	758,415.97	47.7%
466003 SALES FOR RESALE-ASH	3,465,000	0	3,465,000	1,456,489.60	.00	2,008,510.40	42.0%
466004 SALES FOR RESALE-SCOTT	89,250	0	89,250	32,756.50	.00	56,493.50	36.7%
466005 SALES FOR RESALE-HOBART	472,500	0	472,500	142,715.20	.00	329,784.80	30.2%
466006 SALES FOR RESALE-WRIGHTSTOWN	207,900	0	207,900	87,046.34	.00	120,853.66	41.9%
470000 LATE PAYMENT PENALTIES	125,000	0	125,000	36,590.82	.00	88,409.18	29.3%
471000 TURN ON & SET REVENUE	50,000	0	50,000	18,060.00	.00	31,940.00	36.1%
472000 RENT-CELL TOWERS	143,000	0	143,000	39,609.38	.00	103,390.62	27.7%
472010 RENT-ADDITIONAL METERS	22,000	0	22,000	8,225.79	.00	13,774.21	37.4%
472020 RENT - LAND	1,500	0	1,500	1,000.00	.00	500.00	66.7%
474000 OTHER WATER REVENUE-MISC	1,500	0	1,500	3,441.84	.00	-1,941.84	229.5%
474010 RETURN ON METER INVEST	110,000	0	110,000	.00	.00	110,000.00	.0%
474020 REBATES	35,000	0	35,000	14,072.39	.00	20,927.61	40.2%
474030 PRIVATE WELL PERMITS	500	0	500	.00	.00	500.00	.0%
474040 SALE OF SCRAP	10,000	0	10,000	5,587.45	.00	4,412.55	55.9%
474050 TITLE COMPANY LETTERS	3,000	0	3,000	920.00	.00	2,080.00	30.7%
474060 THAW SERVICE	1,000	0	1,000	.00	.00	1,000.00	.0%
474070 MISSED APPOINTMENT CHARGE	0	0	0	315.00	.00	-315.00	100.0%

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GREEN BAY WATER

JUNE 2024 REVENUE BUDGET REPORT

FOR 2024 06

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
476000 SEWER REIMB FROM CITY	1,075,000	0	1,075,000	540,000.00	.00	535,000.00	50.2%
476100 STORM REIMB FROM CITY	408,000	0	408,000	204,000.00	.00	204,000.00	50.0%
TOTAL WATER UTILITY	28,680,889	0	28,680,889	12,757,645.43	.00	15,923,243.57	44.5%
GRAND TOTAL	28,680,889	0	28,680,889	12,757,645.43	.00	15,923,243.57	44.5%

** END OF REPORT - Generated by Stephanie Rogers **

- (1) DNR galvanized replacement program - not budgeted for
- (2) Insurance reimb. for vehicle

GREEN BAY WATER

JUNE 2024 EXPENSE BUDGET REPORT

FOR 2024 06

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
610 WATER UTILITY							
1630 STORES EXPENSE	88,576	0	88,576	39,533.85	.00	49,042.15	44.6%
1840 CLEARING ACCOUNTS	557,765	0	557,765	-230,837.12	.00	788,602.12	-41.4%
4030 DEPRECIATION EXPENSE	5,222,113	0	5,222,113	2,645,544.00	.00	2,576,569.00	50.7%
4050 AMORTIZATION OF OTHER PLANT	131,453	0	131,453	65,726.64	.00	65,726.36	50.0%
4080 TAXES	3,035,416	0	3,035,416	1,367,787.08	.00	1,667,628.92	45.1%
4160 MERCHANDISING & JOBBING EXP	244,146	0	244,146	112,770.25	.00	131,375.75	46.2%
4260 OTHER INCOME DEDUCTIONS	456,321	0	456,321	.00	.00	456,321.00	.0%
4270 INTEREST ON LONG-TERM DEBT	1,290,127	0	1,290,127	645,063.48	.00	645,063.52	50.0%
4280 AMORTIZATION OF DEBT DISCOUNT	228,727	0	228,727	113,862.96	.00	114,864.04	49.8%
6020 PURCHASED WATER	9,000	0	9,000	2,016.34	.00	6,983.66	22.4%
6130 MAINTENANCE OF INTAKES	10,000	0	10,000	.00	13,760.00	-3,760.00	137.6% (1)
6160 MAINTENANCE OF SUPPLY MAINS	78,765	0	78,765	96,289.37	3,531.06	-21,055.43	126.7% (2)
6200 PUMP OPS SUPERVISION & ENG	91,997	0	91,997	52,703.61	.00	39,293.39	57.3%
6230 FUEL OR POWER FOR PUMPING	937,000	0	937,000	365,260.64	.00	571,739.36	39.0%
6240 PUMP LABOR & EXPENSES	107,888	0	107,888	30,420.98	.00	77,467.02	28.2%
6260 MISC PUMPING EXPENSE	85,550	0	85,550	29,074.32	.00	56,475.68	34.0%
6300 PUMP MAINT SUPERVISION & ENG	42,369	0	42,369	17,782.84	.00	24,586.16	42.0%
6310 PUMP MAINT OF STRUCTURES	213,239	0	213,239	42,873.19	27,665.45	142,700.36	33.1%
6320 PUMP MAINT OF POWER PROD EQUIP	41,000	2,406	43,406	299.96	2,405.94	40,700.04	6.2%
6330 MAINT OF PUMPING EQUIP	399,500	89,901	489,401	190,387.13	50,243.72	248,770.15	49.2%
6400 TREATMENT OPS SUPERVIS & ENG	86,501	0	86,501	42,639.59	.00	43,861.41	49.3%
6410 CHEMICALS	628,000	0	628,000	226,346.44	.00	401,653.56	36.0%
6420 WATER TREATMENT OPERATIONS EXP	811,947	0	811,947	333,070.90	.00	478,876.10	41.0%
6430 MISC WATER TREATMENT EXP	182,437	0	182,437	83,428.68	.00	99,008.32	45.7%
6500 TREATMENT MAINT SUPERVIS & ENG	37,072	0	37,072	15,459.69	.00	21,612.31	41.7%
6510 TREATMENT MAINT OF STRUCTURES	54,967	0	54,967	14,039.50	.00	40,927.50	25.5%
6520 MAINT OF TREATMENT EQUIP	249,861	0	249,861	115,663.15	.00	134,197.85	46.3%
6600 TRANS & DIST OPS SUP & ENG	273,339	0	273,339	135,838.74	.00	137,500.26	49.7%
6620 TRANS & DIST LINES EXPENSE	280,900	0	280,900	88,684.56	.00	192,215.44	31.6%
6630 METER EXPENSE	226,460	0	226,460	124,594.61	.00	101,865.39	55.0%
6640 CUSTOMER INSTALLATION EXP	237,504	0	237,504	181,894.36	.00	55,609.64	76.6%
6650 MISC TRANS & DIST EXPENSES	468,410	0	468,410	251,575.24	.00	216,834.76	53.7%
6720 MAINT OF DIST RES & STANDPIPES	438,652	0	438,652	26,545.26	23,500.00	388,606.74	11.4%
6730 MAINT OF TRANS & DIST MAINS	1,486,918	0	1,486,918	364,931.87	.00	1,121,986.13	24.5%
6750 MAINT OF SERVICES	567,253	0	567,253	402,647.01	.00	164,605.99	71.0%
6760 MAINT OF METERS	67,404	0	67,404	26,675.37	.00	40,728.63	39.6%
6770 MAINT OF HYDRANTS	196,808	0	196,808	180,674.81	.00	16,133.19	91.8% (3)
9020 METER READING EXPENSE	62,347	0	62,347	59,025.26	.00	3,321.74	94.7% (4)
9030 CUSTOMER RECORDS & COLLECTION	1,030,767	0	1,030,767	602,212.09	.00	428,554.91	58.4%
9040 UNCOLLECTIBLE ACCOUNTS	2,000	0	2,000	209.74	.00	1,790.26	10.5%

GREEN BAY WATER

JUNE 2024 EXPENSE BUDGET REPORT

FOR 2024 06

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
9060 CUSTOMER SERVICE & INFORMATION	73,658	0	73,658	39,264.52	.00	34,393.48	53.3%
9200 ADMIN & GENERAL SALARIES	854,832	0	854,832	383,403.05	.00	471,428.95	44.9%
9210 OFFICE SUPPLIES & EXPENSES	110,395	0	110,395	44,909.46	.00	65,485.54	40.7%
9230 OUTSIDE SERVICES EMPLOYED	589,646	0	589,646	152,978.09	.00	436,667.91	25.9%
9240 PROPERTY INSURANCE	129,057	0	129,057	.00	.00	129,057.00	.0%
9250 INJURIES & DAMAGES	60,437	0	60,437	17,492.04	.00	42,944.96	28.9%
9260 EMPLOYEE PENSIONS & BENEFITS	1,364,566	0	1,364,566	646,923.50	.00	717,642.50	47.4%
9280 REGULATORY COMMISSION EXP	15,000	0	15,000	11,621.57	.00	3,378.43	77.5%
9300 MISC GENERAL EXPENSES	55,950	0	55,950	19,837.18	.00	36,112.82	35.5%
9320 MAINT OF GENERAL PLANT	241,954	0	241,954	119,698.25	4,822.00	117,433.75	51.5%
TOTAL WATER UTILITY	24,155,994	92,307	24,248,301	10,298,844.05	125,928.17	13,823,528.72	43.0%
GRAND TOTAL	24,155,994	92,307	24,248,301	10,298,844.05	125,928.17	13,823,528.72	43.0%

** END OF REPORT - Generated by Stephanie Rogers **

- (1) Additional work needed on lake station intake cleaning
- (2) 36" main break
- (3) Purchased hydrant parts for summer maintenance
- (4) Software maintenance for meter reading software - paid in Jan.



Green Bay Water Commission **GENERAL MANAGER UPDATE**

DATE: August 12th, 2024
TO: Green Bay Water Commission
FROM: Brian Powell, P.E., General Manager, Green Bay Water
RE: General Manager Update

General Manager Brian Powell will provide the commission with updates on the following initiatives within our organization:

1. Budget Update
2. Marketplace Analysis Update
3. CISA (Cybersecurity and Infrastructure Security Agency) – Assessment
4. Water Main Bids Finished for Year
5. Year-round Summer Hours