



REVISED COMMON COUNCIL MEETING AGENDA

Tuesday, September 20, 2022 - 7:00 PM

- A. Call to Order & Roll Call
- B. Opening Prayer
- C. Pledge of Allegiance
- D. Approval of the August 16, 2022 Common Council minutes
- E. Approval of the August 30, 2022 Special Common Council minutes
- F. Mayor's Report
 - 1. Approve a Resolution in Recognition of Curt Witynski and Gail Sumi.
- G. Aldermanic Reports
- H. Announcements
- I. Citizen Commentary
- J. Public Hearings
 - 1. Public Hearing on a Special Use Permit for Alba Coffee Shop, a proposed coffee business to be located at 4353 S. 27 St., submitted by Maria C. Villanueva. (Tax Key No. 599-8949-000) (PC-8/09/22 Kastner)
 - a. Approve a Resolution for a Special Use Permit for Alba Coffee Shop, a proposed coffee business to be located at 4353 S. 27 St., submitted by Maria C. Villanueva. (Tax Key No. 599-8949-000) (8/09/22 Kastner)
 - b. Approve Site and Architectural Plans for Alba Coffee Shop, a proposed coffee business to be located at 4353 S. 27 St., submitted by Maria C. Villanueva. (Tax Key No. 599-8949-000) (PC-8/09/22 Kastner)
 - 2. Public Hearing on a Special Use Permit for OP Spa, a proposed massage therapy business to be located at 6835 W. Layton Ave., submitted by Qiao Li Cai, d/b/a OP Spa. (Tax Key No. 617-0118-000) (PC-8/09/22 Kastner)
 - a. Approve a Resolution for a Special Use Permit for OP Spa, a proposed massage therapy business to be located at 6835 W. Layton Ave., submitted by Qiao Li Cai, d/b/a OP Spa. (Tax Key No. 617-0118-000) (PC-8/09/22 Kastner)
 - b. Approve a Site Plan Review for OP Spa, a proposed massage therapy business to be located at 6835 W. Layton Ave., submitted by Qiao Li Cai, d/b/a OP Spa. (Tax Key No. 617-0118-000) (PC-8/09/22 Kastner)
 - 3. Public Hearing on a Special Use Permit for Greater Milwaukee Oral Surgery, a proposed dental business to be located at 6800 W. Layton Ave., submitted by Dr. Rob Goeckermann d/b/a Greater

Milwaukee Oral Surgery and Doug Forton d/b/a Design 2 Construct. (Tax Key No. 604-9921-000) (PC-8/09/22 Kastner)

- a. Approve a Resolution for a Special Use Permit for Greater Milwaukee Oral Surgery, a proposed dental business to be located at 6800 W. Layton Ave., submitted by Dr. Rob Goeckermann d/b/a Greater Milwaukee Oral Surgery and Doug Forton d/b/a Design 2 Construct. (Tax Key No. 604-9921-000) (PC-8/09/22 Kastner)
 - b. Approve Site, Landscaping and Architectural Plans for new construction of Greater Milwaukee Oral Surgery, a proposed dental business to be located at 6800 W. Layton Ave., submitted by Dr. Rob Goeckermann d/b/a Greater Milwaukee Oral Surgery and Doug Forton d/b/a Design 2 Construct. (Tax Key No. 604-9921-000) (PC-8/09/22 Kastner)
4. Public Hearing on a Special Use Permit for The House of the Gypsy, a proposed psychic medium reading business to be located at 4162 S. 108 St., submitted by Shajhed Morales d/b/a The House of the Gypsy. (Tax Key No. 567-9972-004) (Kastner 8/09/22)
- a. Approve a Resolution for a Special Use Permit for The House of the Gypsy, a proposed psychic medium reading business to be located at 4162 S. 108 St., submitted by Shajhed Morales d/b/a The House of the Gypsy. (Tax Key No. 567-9972-004) (PC-8/09/22 Kastner)
 - b. Approve a Site Plan Review for The House of the Gypsy, a proposed psychic medium reading business to be located at 4162 S. 108 St., submitted by Shajhed Morales d/b/a The House of the Gypsy. (Tax Key No. 567-9972-004) (PC-8/09/22 Kastner)

K. Old Business

1. Appointments to various committees and commissions:
 - a. Mayor appointments, confirmed by Council:
 - i. One member to the Board of Review for a term to expire 5/1/2026 (formerly James Jaworowicz)
 - ii. One alternate member to the Tree Commission for a term to expire 5-1-24 (formerly Chloe Selkirt)
 - iii. One alternate member to the Community Development Authority for a term to expire 2/19/25 (formerly David Schilz)
 - iv. One member to the Zoning Board of Appeals for a term to expire 5/1/24 (formerly David Schilz)
 - b. Mayor appointments:
 - i. One member to the Park & Recreation Board for a term to expire 5/31/26 (formerly David Schilz)
2. Discussion and decision to approve an agreement with Assessment Technologies of Wisconsin, LLC for a Market Update Revaluation for the 2024 assessment year. (8/10/22 F&HR S. Saryan)

L. New Business

1. Summons and Complaint received from Wal-Mart Real Estate Business Trust. (Goergen)
2. Approve applications for 2022-2023 operator licenses (Goergen)
3. Resolution appointing additional Election Inspectors and Special Voting Deputies 2022-2023. (Goergen)

4. Approve a change of agent from Aiden Lamere to Lindsey E Bree, 216 Collins St., Waukesha, WI for the 2022-2023 "Class A" Combination Fermented Malt Beverage and Liquor Retailer's License held by Aldi, Inc. (Wisconsin), 4225 S. 108th St. (Aldi #73). (Goergen)
5. Approve a change of agent from Elizabeth Aldrich to Isabel Santiago, 3301 S. 99th Ct., Milwaukee, WI for the 2022-2023 "Class B" Combination Fermented Malt Beverage and Liquor Retailer's License held by 4900 76th Co, A Wisconsin Corporation, 4900 S. 76th St (Honey Berry Pancakes & Cafe). (Goergen)
6. Approve application for 2022-2023 Combination "Class B" fermented malt beverage and liquor license for El Chile Loco Inc, Bhargavkumar Italia, Agent, for the property at 5110 W Loomis Rd (El Chile Loco Inc), it is a restaurant and will be sold at the bar and the dining tables. Alcohol beverages will be stored in the room next to kitchen. It will also be stored in the cooler inside the room behind the large banquet hall. All the records will be stored in the office by the entrance next to Kitchen. It will be served at both the bars located in the two banquet areas and at the dining tables. It will also be served at the outside balcony on the premises. The license approval is contingent upon the approval of the Special Use Review by Plan Commission, AND IS SUBJECT TO THE TERMS AND CONDITIONS OF THE SPECIAL USE, SHOULD THE SPECIAL USE BE GRANTED, INCLUDING, BUT NOT LIMITED TO, THE HOURS OF OPERATION. (Goergen)
7. Approve application for 2022-2023 Combination "Class B" fermented malt beverage and liquor license for Stallis Palace LLC, Rachel Lynn Daniels, Agent, for the property at 3800 S. 108th St. (Stallis Palace), upstairs and downstairs of the entire property is where alcoholic beverages will be sold, served, and stored (smoking room, front bar, back bar, kitchen, liquor room, upstairs and downstairs coolers, downstairs beer coolers (3), downstairs back storage area), records will be stored in the office in the basement located at 3800 S. 108th St. (Goergen)
8. Approve application for a 2022-2023 Secondhand/Pawnbroker Article Dealer license received from Big Will's Collectibles and More, LLC, Andrew Q Tran, Agent, for the property at 6009 W. Layton Ave. (Big Will's Collectibles and More) (Goergen)
9. Approve an amendment to a license agreement with Verizon Wireless. (Katz)
10. Approve waiver of appraisal and deed transferring land and a temporary easement to the Wisconsin Department of Transportation for the Loomis Bridge project. (Katz)
11. Approve an agreement with Daniel R. Cork and Robin L. Cork to allow a private fence in a permanent City sanitary sewer easement at 5037 South 41st Street, Tax Key No. 621-9927-002. (Katz)
12. Approve a Special Use Review and Site Plan Review for Stallis Palace, an existing business located at 3800 S. 108 St., submitted by Rachel Lynn Daniels d/b/a Stallis Palace and Natalie Placke d/b/a Route 100/Twinz Inc. (Tax Key No. 562-9950-000) (PC-9/13/22 Kastner)
13. Approve a Certified Survey Map to divide an existing parcel located at 44** S. 92 St., submitted by Bill Ohm d/b/a Cobalt Partners, LLC., and Scott Yauck d/b/a Cobalt 92, LLC and RJ 92, LLC. (Tax Key No. 607-9981-003) (PC-9/13/22 Kastner)
14. Discussion and decision to renew a contract with Professional Interpreting Enterprise for hearing impaired interpreting services in the Municipal Court (9/14/22 F&HR S. Saryan)
15. Contract amendment between the State of Wisconsin Department of Health Services and the Greenfield Health Department related to 2023 Consolidated Contract grant funding related to core public health services (9/14/22 F&HR S. Saryan)
16. Contract amendment between the State of Wisconsin Department of Health Services and the

Greenfield Health Department related to 2023 Consolidated Contract grant funding related to public health emergency preparedness (9/14/22 F&HR S. Saryan)

17. Discussion and decision related to Grant Agreement with the State of Wisconsin Department of Health Services and Greenfield Health Department for Tuberculosis (TB) Dispensary Program (9/14/22 F&HR S. Saryan)
18. Discussion and Decision Regarding Data Use Agreement for Vital Records Data between the Wisconsin Department of Health Services, Division of Public Health, and the Greenfield Health Department (9/14/22 F&HR S. Saryan)
19. Discussion/decision regarding contract allowing for the continuation of the Stockbox program (9/14/22 F&HR S. Saryan)
20. Approve award of contract to Lee Recreation for the Haker Park Playground Improvement Project (9/14/22 F&HR S. Saryan)
21. Approval of mileage reimbursement in the amount of \$978.00. (9/14/22 F&HR S. Saryan)
22. Approval of schedules of disbursements in the amount of \$5,209,542.09. (9/14/22 F&HR S. Saryan)
23. Investments and reinvestments for July 2022. (9/14/22 F&HR S. Saryan)
24. Accept July 2022 financial statements. (9/14/22 F&HR S. Saryan)

M. Items for future agenda

N. Adjourn

PLEASE NOTE: Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through sign language interpreters or other auxiliary aids. For additional information or to request this service, contact the Department of Human Resources at 329-5208, (FAX) 543-6158, TDD 1-800-947-6644 (Wisconsin Telecommunications Relay System), or by writing to the Director of Human Resources/ADA Coordinator at Greenfield City Hall, 7325 West Forest Home Avenue, Room 101, Greenfield, WI 53220. Greenfield City Hall is wheelchair accessible from the west and south entrances.

RESOLUTION NO. _____

RESOLUTION IN RECOGNITION OF CURT WITYNSKI AND GAIL SUMI

WHEREAS, since 1987, Curt Witynski has been providing leadership, guidance, and advocacy to benefit the cities and villages of Wisconsin; and

WHEREAS, since 2011, Gail Sumi has given voice to, and enlightened and informed Wisconsin's local leaders through her direction and coordination of the League of Wisconsin Municipalities' multiple channels of communication, including editing and production of *The Municipality*; and

WHEREAS, Mr. Witynski and Ms. Sumi have been thought leaders and trusted advisors for local officials, both elected and appointed; and

WHEREAS, Curt Witynski and Gail Sumi have contributed in countless ways to the prosperity and success of local government in Wisconsin; and

WHEREAS, in addition to their tireless efforts on behalf of municipal government, Curt Witynski and Gail Sumi have been role models for thousands of local leaders; and

WHEREAS, Mr. Witynski and Ms. Sumi will be retiring from daily service to local government at the end of calendar year 2022,

NOW, THEREFORE, BE IT RESOLVED that the Mayor and Common Council of the City of Greenfield, Milwaukee County, Wisconsin, expresses its profound gratitude to Curt Witynski and Gail Sumi for their service; and

BE IT FINALLY RESOLVED that the Mayor and Common Council of the City of Greenfield, Milwaukee County, Wisconsin, congratulates them both on their careers of leadership and wishes them well in future endeavors.

PASSED AND ADOPTED by the Common Council of the City of Greenfield on the 4th day of October, 2022.

APPROVED:

Michael J. Neitzke, Mayor

ATTEST:

Jennifer Goergen, City Clerk

RESOLUTION NO. ____

Special Use Permit for Alba Coffee Shop, a proposed coffee business to be located at 4353 S. 27 St., submitted by Maria C. Villanueva. (Tax Key No. 599-8949-000)

WHEREAS, Maria C. Villanueva, duly filed with the City Clerk an application for a Special Use Permit, pursuant to Sec. 21.04.0603, Sec. 21.04.0700 and Sec. 21.08.0103 of the Municipal Code, to establish a coffee business at 4353 S. 27 St.; and,

WHEREAS, after due notice, a public hearing was held by the Common Council on September 20, 2022, at 7:00 p.m. or soon thereafter, in the Common Council Chambers to consider the application; and,

WHEREAS, the Common Council, having carefully considered the evidence presented at the public hearing and the following pertinent facts noted:

1. The applicant, Maria C. Villanueva, has offices at 4353 S. 27th Street, Greenfield, WI 53221.
2. The property is owned by Cihuatl Property, LLC, 5600 College Point Ct, Racine, WI 53402.
3. Alba Coffee Shop will occupy approximately 1,800 sq. ft. of the multi-tenant commercial building located at 4353 S. 27 St., Greenfield, Milwaukee County, Wisconsin, more particularly described as follows:

The South 80 feet of the North 492.66 feet of the West 140 feet of the East 220 feet of the Southeast ¼ Section 24, Township 6 North, Range 21 East, in the City of Greenfield, Milwaukee County, Wisconsin.

Tax Key No. 599-8949-000

Said land being located at 4353 S. 27 St.

4. The applicant is proposing to establish a coffee business within the existing multi-tenant commercial building.
5. The aforesaid premise is zoned C-2 Community Commercial District under the Zoning Ordinance of the City of Greenfield, which permits non-alcoholic beverage bars as a Special Use, pursuant to Sec. 21.04.0603, Sec. 21.04.0700 and Sec. 21.08.0103 of the Municipal Code.
6. The subject property is part of an area along the S. 27 St. corridor that is developed for commercial uses. Properties to the north, south and east are developed as commercial. Properties to the west are developed as residential.

7. The proposed development should not adversely contribute to traffic volumes or traffic flow in the area.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Greenfield that the application of Maria C. Villanueva, to establish a coffee business to be located at 4353 S. 27 St., be, and is hereby granted on the following grounds:

That the establishment, maintenance and operation of the proposed use, with the imposition of certain conditions hereinafter set forth, reasonably satisfies the standards set forth in Sec. 21.04.0603 and Sec. 21.08.0103 of the Municipal Code, so as to permit the issuance of a special use permit as therein provided.

BE IT FURTHER RESOLVED that said Special Use Permit is granted subject to the following conditions:

1. Site and Landscaping Plans. The grant of this Special Use Permit is subject to and conditioned upon the Site Plan and all other applicable conditions approved by the Plan Commission on August 9, 2022 and by the Common Council on September 20, 2022. No alteration or modification of the approved plan shall be permitted without approval by the Common Council.
2. Building Plans and Fire Codes. The grant of this Special Use is subject to building plans being submitted to and approved by the Inspection Services Division and by the Fire Department.
3. Hours of Operation. The allowable hours of operation for Alba Coffee Shop will be Monday-Friday, 8am- 5pm; Saturday and Sunday, 7am-3pm.
4. Off-Street Parking. The proposed coffee business requires twenty-seven (27) off-street parking spaces. Remaining tenant spaces require four (4) off-street parking spaces for a total of thirty-one (31) off-street parking stalls required for the entire building. Fifteen (15) off-street parking stalls are to be provided on site. The Common Council may waive the parking shortage.
5. Signage. Signage shall be in compliance with the City's Signage Ordinance. Any building window signage shall not exceed twenty-five (25) percent of the net glazed front window area per business premises. Rope/LED trim lighting shall not be allowed.
6. Public Nuisance. In accordance with Chapter 11 of the Municipal Code, Public Nuisances are prohibited. Public Nuisances include blighted properties due to an accumulation thereon of junk or other unsightly debris. Enforcement and abatement of public nuisances, including revocation of the Special Use Permit, may take place after three (3) or more nuisance activities have occurred at a premise on separate days during a one hundred and eighty (180) day period.

7. Marketing Displays. The use of pennants, special lighting, flags, streamers or other signage typically temporary in nature, hanging, floating or attached to a structure or vehicle shall not be permitted.
8. Outdoor Lighting. All outdoor lighting fixtures shall be shielded in such a manner that no light splays from the property boundaries. Full-cut off fixtures and or house side shields utilized to minimize light splay. Rope/LED trim lighting is not permitted.
9. Litter. Employees shall inspect the area and the immediate vicinity and pick up litter on a daily basis.
10. Refuse Collection. All refuse to be provided by a commercial hauler. All refuse, recyclables and other waste material shall be screened from view by the existing fence/enclosure provided on site.
11. Pest Control. Exterior pest control shall be maintained at all times and pest control problems shall be addressed immediately.
12. Pagers, Intercoms. The use of outdoor pagers, intercoms, or speakers shall not be permitted on site as surrounding land use consists of residential uses.
13. Noxious Odors, Etc. The use shall not emit foul, offensive, noxious or disagreeable odors, gases, or effluvia into the air. Mechanical systems shall be maintained to efficiently remove noxious odors. The applicant is required to submit a Fats, Oils and Grease (FOG) Plan to the City's Plumbing Inspector for review and approval prior to a Certificate of Occupancy Permit being issued.
14. Pollution. The use shall not cause any noxious or unwholesome liquid or substance or any dirt, mud, sand, gravel, or stone refuse or other materials to be deposited upon any public right of way or flow into any sanitary sewer, storm sewer, or water supply system, or onto adjacent properties.
15. Deliveries and Refuse Pickup. The property will be required to abide by the City of Greenfield health/public nuisance rules per Chapter 12 of the Municipal Code. Because there is a residential neighborhood adjacent to the site, delivery operations and refuse pick up shall only be permitted during daytime hours. These functions shall not be permitted between the hours of 9:00 p.m. and 7:00 a.m.
16. Expiration of Special Use Permit. Any special use approved by the Common Council shall lapse and become null and void one (1) year from and after that approval if the use has not commenced, construction is not underway, or the owner has not obtained a valid building permit. An extension of these time limitations may be granted without a public hearing by the Common Council by resolution reauthorizing the special use in accordance with the following criteria:

A. The applicant requesting the extension shall complete a planning application available from the Community Development Division and shall submit a \$350.00 special use permit review/amendment fee.

B. A written explanation for the extension of time shall accompany the planning application along with a timeline/schedule for obtaining necessary permits, zoning, state and municipal approvals and a target date for construction start;

C. The request for extension shall be submitted within sixty (60) days of the expiration of the special use permit;

D. The extension, if granted, shall be valid for a period of six (6) months. If no building permit has been issued and construction has not commenced within six (6) months from and after the extension has been granted, the special use shall become null and void.

17. Miscellaneous.

A. Applicants are advised that the foregoing conditions are reasonably necessary to protect the public interest and to secure compliance with the standards and requirements specified in Sec. 21.04.0603 and Sec. 21.08.0103 of the Municipal Code; that the issuance of the special use is expressly subject to compliance with said conditions.

B. The use, as granted herein, is subject to applicants' compliance with all other state and local laws and regulations which may be applicable to the proposed use of the real estate in question.

C. The special use, as granted herein, shall run with the land and benefit and restrict all future owners and occupants of the property, unless the use shall lapse or be terminated and the use will not be altered or extended (including structural alterations and/or additions) without the approval of the Common Council, following public hearing, all as provided in Sec. 21.04.0603 and Sec. 21.08.0103 of the Municipal Code.

18. Lapse. If the applicant does not meet all of the terms and conditions set forth in this grant of a special use within one year of the granting thereof, then the Special Use Permit shall lapse and become null and void and the applicant shall forfeit any right to use the property as conferred by the Special Use Permit. The failure of the applicant to meet the terms and conditions of the Special Use Permit shall subject the permit to being declared void by the Common Council after notice to the applicant and a hearing before the Common Council. Upon a finding by the Common Council on the matter, the applicant and/or any interested person may make comments regarding the matter to the Common Council prior to the Common Council's next regular meeting following the hearing recommendation. Upon the Common Council's finding that the Special Use Permit has lapsed and become void, the applicant shall cease all operations at the property.

19. Termination of Special Use. If the person or entity granted the special use violates, allows or suffers the violation of the ordinances of the City of Greenfield, the State of Wisconsin

or the United States on the premises covered by the special use, then the special use may be terminated.

20. Acknowledgement. That the applicants sign an acknowledgment that he/she/they has/have received these terms and conditions and will abide by them.

The undersigned applicant agrees to the terms and conditions and has agreed that the grant of the Special Use Permit is conditioned on meeting the terms and conditions of this resolution.

Maria C. Villanueva

Provided to applicant on the
_____ day of _____, 2022

Community Development Manager

PASSED AND ADOPTED by the Common Council of the City of Greenfield on the _____ day of _____, 2022.

APPROVED:

Michael J. Neitzke, Mayor

ATTEST:

Jennifer Goergen, City Clerk

RESOLUTION NO. ____

Special Use Permit for OP Spa, a proposed massage therapy business to be located at 6835 W. Layton Ave., submitted by Qiao Li Cai, d/b/a OP Spa. (Tax Key No. 617-0118-000)

WHEREAS, Qiao Li Cai, d/b/a OP Spa, duly filed with the City Clerk an application for a Special Use Permit, pursuant to Sec. 21.04.0603, Sec. 21.04.0700 and Sec. 21.08.0103 of the Municipal Code, to establish a massage therapy business at 6835 W. Layton Ave.; and,

WHEREAS, after due notice, a public hearing was held by the Common Council on September 20, 2022, at 7:00 p.m. or soon thereafter, in the Common Council Chambers to consider the application; and,

WHEREAS, the Common Council, having carefully considered the evidence presented at the public hearing and the following pertinent facts noted:

1. The applicant, Qiao Li Cai, d/b/a OP Spa, resides at 3360 S. 37th Street, Milwaukee, WI 53215.
2. The property is owned by LBJ Greenfield Realty LLC, 11217 W. Forest Home Ave. Ste 1, Franklin, WI 53132.
3. OP Spa will occupy approximately 2,500 sq. ft. of the multi-tenant commercial building located at 6835 W. Layton Ave., Greenfield, Milwaukee County, Wisconsin, more particularly described as follows:

Lot 5, Block 4 of Layton Heights Subdivision, a recorded subdivision, and those parts of the vacated public street on the north and west, all being a part of the Northwest $\frac{1}{4}$ of Section 27, Township 6 North, Range 21 East, City of Greenfield, Milwaukee County, Wisconsin.

Tax Key No. 617-0118-000

Said land being located at 6835-6845 W. Layton Ave.

4. The applicant is proposing to establish a massage therapy business within the existing multi-tenant commercial building.
5. The aforesaid premise is zoned C-1 Neighborhood Commercial District under the Zoning Ordinance of the City of Greenfield, which permits "Offices of All Other Misc. Health Practitioners (massage therapists only)" as a Special Use, pursuant to Sec. 21.04.0603, Sec. 21.04.0700 and Sec. 21.08.0103 of the Municipal Code.
6. The subject property is part of an area along the W. Layton Ave. corridor that is developed for mixed uses. Properties to the north are developed as residential and commercial. Properties to the east are developed as commercial. Properties to the south and west are developed as residential.

7. The proposed development should not adversely contribute to traffic volumes or traffic flow in the area.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Greenfield that the application of Qiao Li Cai, d/b/a OP Spa, to establish a massage therapy business, to be located at 6835 W. Layton Ave., be, and is hereby granted on the following grounds:

That the establishment, maintenance and operation of the proposed use, with the imposition of certain conditions hereinafter set forth, reasonably satisfies the standards set forth in Sec. 21.04.0603 and Sec. 21.08.0103 of the Municipal Code, so as to permit the issuance of a special use permit as therein provided.

BE IT FURTHER RESOLVED that said Special Use Permit is granted subject to the following conditions:

1. Site and Landscaping Plans. The grant of this Special Use Permit is subject to and conditioned upon the Site Plan and all other applicable conditions approved by the Plan Commission on August 9, 2022 and by the Common Council on September 20, 2022. No alteration or modification of the approved plan shall be permitted without approval by the Common Council.
2. Building Plans and Fire Codes. The grant of this Special Use is subject to building plans being submitted to and approved by the Inspection Services Division and by the Fire Department.
3. Hours of Operation. The allowable hours of operation for OP Spa will be 9:00 am – 9:00 pm, seven (7) days per week.
4. Off-Street Parking. The proposed massage therapy business tenant spaces requires thirteen (13) off-street parking spaces. Remaining tenant spaces require twenty-three (23) off-street parking spaces for a total of thirty-six (36) off-street parking stalls required for the entire building. Thirty-three (33) off-street parking stalls are to be provided on site. The Common Council may waive the parking shortage.
5. Signage. Signage shall be in compliance with the City's Signage Ordinance. Any building window signage shall not exceed twenty-five (25) percent of the net glazed front window area per business premises. Rope/LED trim lighting shall not be allowed.
6. Public Nuisance. In accordance with Chapter 11 of the Municipal Code, Public Nuisances are prohibited. Public Nuisances include blighted properties due to an accumulation thereon of junk or other unsightly debris. Enforcement and abatement of public nuisances, including revocation of the Special Use Permit, may take place after three (3) or more nuisance activities have occurred at a premise on separate days during a one hundred and eighty (180) day period.

7. Marketing Displays. The use of pennants, special lighting, flags, streamers or other signage typically temporary in nature, hanging, floating or attached to a structure or vehicle shall not be permitted.
8. Outdoor Lighting. All outdoor lighting fixtures shall be shielded in such a manner that no light spills from the property boundaries. Full-cut off fixtures and or house side shields utilized to minimize light spill. Rope/LED trim lighting is not permitted.
9. Litter. Employees shall inspect the area and the immediate vicinity and pick up litter on a daily basis.
10. Refuse Collection. All refuse to be provided by a commercial hauler. All refuse, recyclables and other waste material shall be screened from view by the existing fence/enclosure provided on site.
11. Pest Control. Exterior pest control shall be maintained at all times and pest control problems shall be addressed immediately.
12. Pagers, Intercoms. The use of outdoor pagers, intercoms, or speakers shall not be permitted on site as surrounding land use consists of residential uses.
13. Noxious Odors, Etc. The use shall not emit foul, offensive, noxious or disagreeable odors, gases, or effluvia into the air. Mechanical systems shall be maintained to efficiently remove noxious odors.
14. Pollution. The use shall not cause any noxious or unwholesome liquid or substance or any dirt, mud, sand, gravel, or stone refuse or other materials to be deposited upon any public right of way or flow into any sanitary sewer, storm sewer, or water supply system, or onto adjacent properties.
15. Deliveries and Refuse Pickup. The property will be required to abide by the City of Greenfield health/public nuisance rules per Chapter 12 of the Municipal Code. Because there is a residential neighborhood adjacent to the site, delivery operations and refuse pick up shall only be permitted during daytime hours. These functions shall not be permitted between the hours of 9:00 p.m. and 7:00 a.m.
16. Expiration of Special Use Permit. Any special use approved by the Common Council shall lapse and become null and void one (1) year from and after that approval if the use has not commenced, construction is not underway, or the owner has not obtained a valid building permit. An extension of these time limitations may be granted without a public hearing by the Common Council by resolution reauthorizing the special use in accordance with the following criteria:
 - A. The applicant requesting the extension shall complete a planning application available from the Community Development Division and shall submit a \$350.00 special use permit review/amendment fee.

B. A written explanation for the extension of time shall accompany the planning application along with a timeline/schedule for obtaining necessary permits, zoning, state and municipal approvals and a target date for construction start;

C. The request for extension shall be submitted within sixty (60) days of the expiration of the special use permit;

D. The extension, if granted, shall be valid for a period of six (6) months. If no building permit has been issued and construction has not commenced within six (6) months from and after the extension has been granted, the special use shall become null and void.

17. Miscellaneous.

A. Applicants are advised that the foregoing conditions are reasonably necessary to protect the public interest and to secure compliance with the standards and requirements specified in Sec. 21.04.0603 and Sec. 21.08.0103 of the Municipal Code; that the issuance of the special use is expressly subject to compliance with said conditions.

B. The use, as granted herein, is subject to applicants' compliance with all other state and local laws and regulations which may be applicable to the proposed use of the real estate in question.

C. The special use, as granted herein, shall run with the land and benefit and restrict all future owners and occupants of the property, unless the use shall lapse or be terminated and the use will not be altered or extended (including structural alterations and/or additions) without the approval of the Common Council, following public hearing, all as provided in Sec. 21.04.0603 and Sec. 21.08.0103 of the Municipal Code.

18. Lapse. If the applicant does not meet all of the terms and conditions set forth in this grant of a special use within one year of the granting thereof, then the Special Use Permit shall lapse and become null and void and the applicant shall forfeit any right to use the property as conferred by the Special Use Permit. The failure of the applicant to meet the terms and conditions of the Special Use Permit shall subject the permit to being declared void by the Common Council after notice to the applicant and a hearing before the Common Council. Upon a finding by the Common Council on the matter, the applicant and/or any interested person may make comments regarding the matter to the Common Council prior to the Common Council's next regular meeting following the hearing recommendation. Upon the Common Council's finding that the Special Use Permit has lapsed and become void, the applicant shall cease all operations at the property.

19. Termination of Special Use. If the person or entity granted the special use violates, allows or suffers the violation of the ordinances of the City of Greenfield, the State of Wisconsin or the United States on the premises covered by the special use, then the special use may be terminated.

20. Acknowledgement. That the applicants sign an acknowledgment that he/she/they has/have received these terms and conditions and will abide by them.

The undersigned applicant agrees to the terms and conditions and has agreed that the grant of the Special Use Permit is conditioned on meeting the terms and conditions of this resolution.

Qiao Li Cai, d/b/a OP Spa

Representative, LBJ Greenfield Realty LLC

Provided to applicant on the
_____ day of _____, 2022

Community Development Manager

PASSED AND ADOPTED by the Common Council of the City of Greenfield on the _____
day of _____, 2022.

APPROVED:

Michael J. Neitzke, Mayor

ATTEST:

Jennifer Goergen, City Clerk

RESOLUTION NO. ____

Special Use Permit for Greater Milwaukee Oral Surgery, a proposed dental business, to be located at 6800 W. Layton Ave., submitted by Dr. Rob Goeckermann d/b/a Greater Milwaukee Oral Surgery and Doug Forton d/b/a Design 2 Construct. (Tax Key No. 604-9921-000)

WHEREAS, Dr. Rob Goeckermann d/b/a Greater Milwaukee Oral Surgery and Doug Forton d/b/a Design 2 Construct, duly filed with the City Clerk an application for a Special Use Permit, pursuant to Sec. 21.04.0603, Sec. 21.04.0700 and Sec. 21.08.0103 of the Municipal Code, to establish a dental business at 6800 W. Layton Ave.; and,

WHEREAS, after due notice, a public hearing was held by the Common Council on September 20, 2022, at 7:00 p.m. or soon thereafter, in the Common Council Chambers to consider the application; and,

WHEREAS, the Common Council, having carefully considered the evidence presented at the public hearing and the following pertinent facts noted:

1. The applicant, Dr. Rob Goeckermann d/b/a Greater Milwaukee Oral Surgery, has offices at 4811 S. 76th Street, Suite 304, Greenfield, WI 53320.
2. The property is owned by Elma Schmidt Living Trust, 4017 S. 104 St., Greenfield, WI 53228.
3. Greater Milwaukee Oral Surgery will occupy approximately 2,700 sq. ft. of the multi-tenant commercial building to be located at 6800 W. Layton Ave., Greenfield, Milwaukee County, Wisconsin, more particularly described as follows:

The South 249 feet of the East 175 feet of the Southwest ¼ Section 22, Township 6 North, Range 21 East, in the City of Greenfield, Milwaukee County, Wisconsin, excepting therefrom those parts taken for public right-of-way.

Tax Key No. 604-9921-000

Said land being located at 6800 W. Layton Ave.

4. The applicant is proposing to construct a new building and establish a dental business within the proposed multi-tenant commercial building.
5. The aforesaid premise is zoned C-1 Neighborhood Commercial District under the Zoning Ordinance of the City of Greenfield, which permits “Offices of Dentists” as a Special Use, pursuant to Sec. 21.04.0603, Sec. 21.04.0700 and Sec. 21.08.0103 of the Municipal Code.
6. The subject property is part of an area along the W. Layton Ave. corridor that is developed for mixed uses. Properties to the north are developed as residential. Properties to the east, south, and west are developed as commercial.

7. The proposed development should not adversely contribute to traffic volumes or traffic flow in the area.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Greenfield that the application of Dr. Rob Goeckermann d/b/a Greater Milwaukee Oral Surgery and Doug Forton d/b/a Design 2 Construct, to establish a dental business, to be located at 6800 W. Layton Ave., be, and is hereby granted on the following grounds:

That the establishment, maintenance and operation of the proposed use, with the imposition of certain conditions hereinafter set forth, reasonably satisfies the standards set forth in Sec. 21.04.0603 and Sec. 21.08.0103 of the Municipal Code, so as to permit the issuance of a special use permit as therein provided.

BE IT FURTHER RESOLVED that said Special Use Permit is granted subject to the following conditions:

1. Site and Landscaping Plans. The grant of this Special Use Permit is subject to and conditioned upon the Site Plan and all other applicable conditions approved by the Plan Commission on August 9, 2022 and by the Common Council on September 20, 2022. No alteration or modification of the approved plan shall be permitted without approval by the Common Council.
2. Building Plans and Fire Codes. The grant of this Special Use is subject to building plans being submitted to and approved by the Inspection Services Division and by the Fire Department.
3. Hours of Operation. The allowable hours of operation for Greater Milwaukee Oral Surgery will be 7:30am – 5:00pm, Monday- Friday.
4. Off-Street Parking. The proposed dental business requires 27 off-street parking spaces. Remaining tenant spaces require seven (7) off-street parking spaces for a total of 34 off-street parking stalls required for the entire building. Twenty-four (24) off-street parking stalls are to be provided on site. The Common Council may waive the parking shortage.
5. Signage. Signage shall be in compliance with the City's Signage Ordinance. Any building window signage shall not exceed twenty-five (25) percent of the net glazed front window area per business premises. Rope/LED trim lighting shall not be allowed.
6. Public Nuisance. In accordance with Chapter 11 of the Municipal Code, Public Nuisances are prohibited. Public Nuisances include blighted properties due to an accumulation thereon of junk or other unsightly debris. Enforcement and abatement of public nuisances, including revocation of the Special Use Permit, may take place after three (3) or more nuisance activities have occurred at a premise on separate days during a one hundred and eighty (180) day period.

7. Marketing Displays. The use of pennants, special lighting, flags, streamers or other signage typically temporary in nature, hanging, floating or attached to a structure or vehicle shall not be permitted.
8. Outdoor Lighting. All outdoor lighting fixtures shall be shielded in such a manner that no light splays from the property boundaries. Full-cut off fixtures and or house side shields utilized to minimize light splay. Rope/LED trim lighting is not permitted.
9. Litter. Employees shall inspect the area and the immediate vicinity and pick up litter on a daily basis.
10. Refuse Collection. All refuse to be provided by a commercial hauler. All refuse, recyclables and other waste material shall be screened from view by the existing fence/enclosure provided on site.
11. Pest Control. Exterior pest control shall be maintained at all times and pest control problems shall be addressed immediately.
12. Pagers, Intercoms. The use of outdoor pagers, intercoms, or speakers shall not be permitted on site as surrounding land use consists of residential uses.
13. Noxious Odors, Etc. The use shall not emit foul, offensive, noxious or disagreeable odors, gases, or effluvia into the air. Mechanical systems shall be maintained to efficiently remove noxious odors.
14. Pollution. The use shall not cause any noxious or unwholesome liquid or substance or any dirt, mud, sand, gravel, or stone refuse or other materials to be deposited upon any public right of way or flow into any sanitary sewer, storm sewer, or water supply system, or onto adjacent properties.
15. Deliveries and Refuse Pickup. The property will be required to abide by the City of Greenfield health/public nuisance rules per Chapter 12 of the Municipal Code. Because there is a residential neighborhood adjacent to the site, delivery operations and refuse pick up shall only be permitted during daytime hours. These functions shall not be permitted between the hours of 9:00 p.m. and 7:00 a.m.
16. Expiration of Special Use Permit. Any special use approved by the Common Council shall lapse and become null and void one (1) year from and after that approval if the use has not commenced, construction is not underway, or the owner has not obtained a valid building permit. An extension of these time limitations may be granted without a public hearing by the Common Council by resolution reauthorizing the special use in accordance with the following criteria:
 - A. The applicant requesting the extension shall complete a planning application available from the Community Development Division and shall submit a \$350.00 special use permit review/amendment fee.

B. A written explanation for the extension of time shall accompany the planning application along with a timeline/schedule for obtaining necessary permits, zoning, state and municipal approvals and a target date for construction start;

C. The request for extension shall be submitted within sixty (60) days of the expiration of the special use permit;

D. The extension, if granted, shall be valid for a period of six (6) months. If no building permit has been issued and construction has not commenced within six (6) months from and after the extension has been granted, the special use shall become null and void.

17. Miscellaneous.

A. Applicants are advised that the foregoing conditions are reasonably necessary to protect the public interest and to secure compliance with the standards and requirements specified in Sec. 21.04.0603 and Sec. 21.08.0103 of the Municipal Code; that the issuance of the special use is expressly subject to compliance with said conditions.

B. The use, as granted herein, is subject to applicants' compliance with all other state and local laws and regulations which may be applicable to the proposed use of the real estate in question.

C. The special use, as granted herein, shall run with the land and benefit and restrict all future owners and occupants of the property, unless the use shall lapse or be terminated and the use will not be altered or extended (including structural alterations and/or additions) without the approval of the Common Council, following public hearing, all as provided in Sec. 21.04.0603 and Sec. 21.08.0103 of the Municipal Code.

18. Lapse. If the applicant does not meet all of the terms and conditions set forth in this grant of a special use within one year of the granting thereof, then the Special Use Permit shall lapse and become null and void and the applicant shall forfeit any right to use the property as conferred by the Special Use Permit. The failure of the applicant to meet the terms and conditions of the Special Use Permit shall subject the permit to being declared void by the Common Council after notice to the applicant and a hearing before the Common Council. Upon a finding by the Common Council on the matter, the applicant and/or any interested person may make comments regarding the matter to the Common Council prior to the Common Council's next regular meeting following the hearing recommendation. Upon the Common Council's finding that the Special Use Permit has lapsed and become void, the applicant shall cease all operations at the property.

19. Termination of Special Use. If the person or entity granted the special use violates, allows or suffers the violation of the ordinances of the City of Greenfield, the State of Wisconsin or the United States on the premises covered by the special use, then the special use may be terminated.

20. Acknowledgement. That the applicants sign an acknowledgment that he/she/they has/have received these terms and conditions and will abide by them.

The undersigned applicant agrees to the terms and conditions and has agreed that the grant of the Special Use Permit is conditioned on meeting the terms and conditions of this resolution.

Dr. Rob Goeckermann d/b/a Greater Milwaukee Oral Surgery

Provided to applicant on the
_____ day of _____, 2022

Community Development Manager

PASSED AND ADOPTED by the Common Council of the City of Greenfield on the _____
day of _____, 2022.

APPROVED:

Michael J. Neitzke, Mayor

ATTEST:

Jennifer Goergen, City Clerk

RESOLUTION NO. ____

Special Use Permit for The House of the Gypsy, a proposed psychic medium reading business, to be located at 4162 S. 108 St., submitted by Shajhed Morales d/b/a The House of the Gypsy.
(Tax Key No. 567-9972-004)

WHEREAS, Shajhed Morales d/b/a The House of the Gypsy, duly filed with the City Clerk an application for a Special Use Permit, pursuant to Sec. 21.04.0603, Sec. 21.04.0700 and Sec. 21.08.0103 of the Municipal Code, to establish a psychic medium reading business at 4162 S. 108 St.; and,

WHEREAS, after due notice, a public hearing was held by the Common Council on September 20, 2022, at 7:00 p.m. or soon thereafter, in the Common Council Chambers to consider the application; and,

WHEREAS, the Common Council, having carefully considered the evidence presented at the public hearing and the following pertinent facts noted:

1. The applicant, Shajhed Morales d/b/a The House of the Gypsy, resides at 4467 S. 108 St., Greenfield, WI 53228.
2. The property is owned by James M Petr, 6013 W. Bluemound Rd, Milwaukee, WI 53213.
3. The House of the Gypsy will occupy approximately 1,600 sq. ft. of the multi-tenant commercial building located at 4162 S. 108 St., Greenfield, Milwaukee County, Wisconsin, more particularly described as follows:

Parcel 2 of Certified Survey Map No. 4954, being a part of the Northwest ¼ of Section 20, Township 6 North, Range 21 East, in the City of Greenfield, Milwaukee County, Wisconsin.

Tax Key No. 567-9972-004

Said land being located at 4154-4168 S. 108 St.

4. The applicant is proposing to establish a psychic medium reading business within the existing multi-tenant commercial building.
5. The aforesaid premise is zoned C-4 Regional Business District under the Zoning Ordinance of the City of Greenfield, which permits “All Other Personal Services (psychic services)” as a Special Use, pursuant to Sec. 21.04.0603, Sec. 21.04.0700 and Sec. 21.08.0103 of the Municipal Code.
6. The subject property is part of an area along the S. 108 St. corridor that is developed for commercial uses. Properties to the north, south, and west are developed as commercial. Properties to the east are developed as a park.

7. The proposed development should not adversely contribute to traffic volumes or traffic flow in the area.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Greenfield that the application of Shajhed Morales d/b/a The House of the Gypsy, to establish a psychic medium reading business, to be located at 4162 S. 108 St., be, and is hereby granted on the following grounds:

That the establishment, maintenance and operation of the proposed use, with the imposition of certain conditions hereinafter set forth, reasonably satisfies the standards set forth in Sec. 21.04.0603 and Sec. 21.08.0103 of the Municipal Code, so as to permit the issuance of a special use permit as therein provided.

BE IT FURTHER RESOLVED that said Special Use Permit is granted subject to the following conditions:

1. Site and Landscaping Plans. The grant of this Special Use Permit is subject to and conditioned upon the Site Plan and all other applicable conditions approved by the Plan Commission on August 9, 2022 and by the Common Council on September 20, 2022. No alteration or modification of the approved plan shall be permitted without approval by the Common Council.
2. Building Plans and Fire Codes. The grant of this Special Use is subject to building plans being submitted to and approved by the Inspection Services Division and by the Fire Department.
3. Hours of Operation. The allowable hours of operation for The House of the Gypsy will be 10:00 am – 6:00 pm, Monday-Saturday.
4. Off-Street Parking. The proposed psychic medium reading business requires eight (8) off-street parking spaces. Remaining tenant spaces require 92 off-street parking spaces for a total of 100 off-street parking stalls required for the entire building. Eighty-two (82) off-street parking stalls are to be provided on site. The Common Council may waive the parking shortage.
5. Signage. Signage shall be in compliance with the City's Signage Ordinance. Any building window signage shall not exceed twenty-five (25) percent of the net glazed front window area per business premises. Rope/LED trim lighting shall not be allowed.
6. Public Nuisance. In accordance with Chapter 11 of the Municipal Code, Public Nuisances are prohibited. Public Nuisances include blighted properties due to an accumulation thereon of junk or other unsightly debris. Enforcement and abatement of public nuisances, including revocation of the Special Use Permit, may take place after three (3) or more nuisance activities have occurred at a premise on separate days during a one hundred and eighty (180) day period.

7. Marketing Displays. The use of pennants, special lighting, flags, streamers or other signage typically temporary in nature, hanging, floating or attached to a structure or vehicle shall not be permitted.
8. Outdoor Lighting. All outdoor lighting fixtures shall be shielded in such a manner that no light splays from the property boundaries. Full-cut off fixtures and or house side shields utilized to minimize light splay. Rope/LED trim lighting is not permitted.
9. Litter. Employees shall inspect the area and the immediate vicinity and pick up litter on a daily basis.
10. Refuse Collection. All refuse to be provided by a commercial hauler. All refuse, recyclables and other waste material shall be screened from view by the existing fence/enclosure provided on site.
11. Pest Control. Exterior pest control shall be maintained at all times and pest control problems shall be addressed immediately.
12. Pagers, Intercoms. The use of outdoor pagers, intercoms, or speakers shall not be permitted on site as surrounding land use consists of residential uses.
13. Noxious Odors, Etc. The use shall not emit foul, offensive, noxious or disagreeable odors, gases, or effluvia into the air. Mechanical systems shall be maintained to efficiently remove noxious odors.
14. Pollution. The use shall not cause any noxious or unwholesome liquid or substance or any dirt, mud, sand, gravel, or stone refuse or other materials to be deposited upon any public right of way or flow into any sanitary sewer, storm sewer, or water supply system, or onto adjacent properties.
15. Deliveries and Refuse Pickup. The property will be required to abide by the City of Greenfield health/public nuisance rules per Chapter 12 of the Municipal Code. Because there is a residential neighborhood adjacent to the site, delivery operations and refuse pick up shall only be permitted during daytime hours. These functions shall not be permitted between the hours of 9:00 p.m. and 7:00 a.m.
16. Expiration of Special Use Permit. Any special use approved by the Common Council shall lapse and become null and void one (1) year from and after that approval if the use has not commenced, construction is not underway, or the owner has not obtained a valid building permit. An extension of these time limitations may be granted without a public hearing by the Common Council by resolution reauthorizing the special use in accordance with the following criteria:
 - A. The applicant requesting the extension shall complete a planning application available from the Community Development Division and shall submit a \$350.00 special use permit review/amendment fee.

B. A written explanation for the extension of time shall accompany the planning application along with a timeline/schedule for obtaining necessary permits, zoning, state and municipal approvals and a target date for construction start;

C. The request for extension shall be submitted within sixty (60) days of the expiration of the special use permit;

D. The extension, if granted, shall be valid for a period of six (6) months. If no building permit has been issued and construction has not commenced within six (6) months from and after the extension has been granted, the special use shall become null and void.

17. Miscellaneous.

A. Applicants are advised that the foregoing conditions are reasonably necessary to protect the public interest and to secure compliance with the standards and requirements specified in Sec. 21.04.0603 and Sec. 21.08.0103 of the Municipal Code; that the issuance of the special use is expressly subject to compliance with said conditions.

B. The use, as granted herein, is subject to applicants' compliance with all other state and local laws and regulations which may be applicable to the proposed use of the real estate in question.

C. The special use, as granted herein, shall run with the land and benefit and restrict all future owners and occupants of the property, unless the use shall lapse or be terminated and the use will not be altered or extended (including structural alterations and/or additions) without the approval of the Common Council, following public hearing, all as provided in Sec. 21.04.0603 and Sec. 21.08.0103 of the Municipal Code.

18. Lapse. If the applicant does not meet all of the terms and conditions set forth in this grant of a special use within one year of the granting thereof, then the Special Use Permit shall lapse and become null and void and the applicant shall forfeit any right to use the property as conferred by the Special Use Permit. The failure of the applicant to meet the terms and conditions of the Special Use Permit shall subject the permit to being declared void by the Common Council after notice to the applicant and a hearing before the Common Council. Upon a finding by the Common Council on the matter, the applicant and/or any interested person may make comments regarding the matter to the Common Council prior to the Common Council's next regular meeting following the hearing recommendation. Upon the Common Council's finding that the Special Use Permit has lapsed and become void, the applicant shall cease all operations at the property.

19. Termination of Special Use. If the person or entity granted the special use violates, allows or suffers the violation of the ordinances of the City of Greenfield, the State of Wisconsin or the United States on the premises covered by the special use, then the special use may be terminated.

20. Acknowledgement. That the applicants sign an acknowledgment that he/she/they has/have received these terms and conditions and will abide by them.

The undersigned applicant agrees to the terms and conditions and has agreed that the grant of the Special Use Permit is conditioned on meeting the terms and conditions of this resolution.

Shajhed Morales d/b/a The House of the Gypsy

James M Petr, owner

Provided to applicant on the
_____ day of _____, 2022

Community Development Manager

PASSED AND ADOPTED by the Common Council of the City of Greenfield on the _____
day of _____, 2022.

APPROVED:

Michael J. Neitzke, Mayor

ATTEST:

Jennifer Goergen, City Clerk



Committee: Finance and Human Resources

Item Number:

Introduced By: P. Schafer

Date Introduced: August 10, 2022

RELATING TO: Discussion and decision to approve an agreement with Assessment Technologies of Wisconsin, LLC for a Market Update Revaluation for the 2024 assessment year.

SUMMARY:

Under state law the city's assessment must be within 10% of the full value at least once every five-year period. In 2019 the city went below 90% which starts the five year count down. The city must come into compliance in 2024 at the latest.

Attached is the proposal describing the company and providing references. There are 2 payment options provided, both cost the same, along with a timeline of when work would be completed. The process would begin around June 2023 and conclude fall of 2024 after the Board of Review is completed.

The city has been putting away funds to cover the cost of the revaluation. Currently there is \$211,000 in the account so an additional \$12,000 will be needed over the next 2 or 3 years, depending up on payment options accepted.

Recommendation: Approve an agreement with Assessment Technologies of Wisconsin, LLC for a Market Update Revaluation for the 2024 assessment year.

ATTACHMENTS: KEY ISSUES ___ BACKGROUND ___ RESOLUTION ___ FISCAL NOTE ___
MOTION ___ OTHER X___

June 6, 2022

Paula Schafer
Greenfield City Finance Director
7325 W. Forest Home Ave.
Greenfield, WI 53220

City Council

We at **Assessment Technologies of Wisconsin** appreciate your interest in our assessment services and look forward to a continued long and prosperous relationship.

We are certain that we can perform at a high level to meet or exceed your expectations for your assessment work. Our quoted costs for performing these services are more than competitive with others performing similar services. Further we can adjust as necessary tailoring the scope of services to provide the best cost to benefit possible.

Assessment Technologies of Wisconsin is technology savvy and regularly uses *Market Drive PC*, assessment software, to develop uniform and equitable assessments. The City will derive all the benefits this program provides as **Assessment Technologies of Wisconsin** is the most knowledgeable user.

Enclosed are two options for revaluation services that will continue a level of service that is experienced today as well as a detailed timeline for project completion.

The first is to provide a Market Update revaluation for the 2024 assessment year. We have confidence in the quality of the property record cards and considering the well-established building permit process that has been in place within the City, a Market Update revaluation would be the most cost effective option to gain the needed 70.05 compliance with the State of Wisconsin Department of Revenue. The cost for that revaluation would be spread over two years, 2023 & 2024. The City currently has an option to renew assessment services for 2024 with Assessment Technologies of Wisconsin.

The second is to provide the same revaluation service for the 2024 assessment year with the cost spread over three years, 2023, 2024 & 2025. Currently the City has an option to renew assessment services for 2024 & 2025 with Assessment Technologies of Wisconsin.

Sincerely,

Les Ahrens
Director of Valuation Services
Assessment Technologies of Wisconsin

City of Greenfield Revaluation Proposal 2024

Legal Business Name

Assessment Technologies of Wisconsin, LLC
N88 W16573 Main St.
Menomonee Falls, WI 53051

Lead Professionals

Michael L. Grota - Direct responsibility for the completion of duties in a timely manner.

Les Ahrens - Direct responsibility for the completion of duties in a timely manner. Revaluation review.

Michael Smigielski - Appraiser for residential properties and office organization

Dwight Frame - Lead Commercial Assessor

Appraiser Experience

Michael L. Grota - Major responsibilities are training and education, problem solving and quality control - A second generation Assessor, Mike has followed his father's career path.

Les Ahrens - oversight of appraisers, revaluation review, contracts, new technologies - Les recently celebrated his 21st anniversary in the assessment field - Les holds a two-year degree in appraisal from the Waukesha County Technical College.

Michael Smigielski - Former residential fee appraiser with several years' assessment experience. Mike lives in Greenfield and will bring his organizational and valuation skills to the city.

Dwight Frame - Lead Commercial Assessor, main responsibility is the management and valuation of Commercial along with revaluation management for several communities - Dwight has nearly 25 years experience in assessment/appraisal

Summary of why the City of Greenfield should engage Assessment Technologies of Wisconsin rather than one of our competitors

Assessment Technologies of Wisconsin has greatest knowledge of the City of Greenfield. **Assessment Technologies of Wisconsin** has talented staff of assessment professionals driven by the challenge of creating equity and uniformity relative to the current market. **Assessment Technologies of Wisconsin** is a pioneer in CAMA development and its use, and we are the most knowledgeable user of *Market Drive PC*. **Assessment Technologies of Wisconsin's** client list speaks for itself, is competitively priced, but our exemplary performance sets us apart from the competition.

Overview

Assessment Technologies of Wisconsin is the best choice for the following reasons:

1. Assessment Technologies of Wisconsin has extensive knowledge of the City of Greenfield.
2. Assessment Technologies of Wisconsin is staffed with talented and driven assessment professionals trained to perform the many necessary tasks required in this difficult business.
3. Assessment Technologies of Wisconsin has a great reputation as evidenced by its list of communities and the long relationships we have with many of them.
4. Assessment Technologies of Wisconsin has the greatest knowledge of the use of technology in assessment practices in the State of Wisconsin. In 1996, Grota Appraisals with our sister company, Assessment Technologies of WI, created *Market Drive PC*, currently the most advanced and widely used Computer Assisted Mass Appraisal (CAMA) system in Wisconsin.
5. Assessment Technologies of Wisconsin is a pioneer in CAMA development and its use, and we are the most knowledgeable user of *Market Drive PC*.
6. Assessment Technologies of Wisconsin's client list speaks for itself, with over 38 years of continued service, performing multiple revaluations throughout the State of Wisconsin.
7. Assessment Technologies of Wisconsin recommends to its communities that they consider a Revaluation Options & Schedule to maintain compliance with Wisconsin's State Statutes 70.05, which governs the required assessment levels for all communities. However, ultimately it is the community, not Assessment Technologies of Wisconsin, which decides how and when to complete a revaluation.
8. Assessment Technologies of Wisconsin is competitively priced, but our exemplary performance sets us apart. Some appraisal firms may charge less, but if the required results of fair and equitable assessments, delivered timely and presented to the taxpayers and municipal representatives professionally are not achieved; this could be a costly error. In a service profession, you do get what you pay for.

References from Assessment Technologies of Wisconsin current client list

City of Mequon - William Jones, City Administrator - 262-236-2941

City of Fond du Lac - Tracia Davi, Director of Administration
920-322-3450
160 S. Macy St. Fond du Lac, WI 54935

City of Sheboygan - Todd Wolf, City Administrator 920-459-3315
828 Center Ave. Sheboygan, WI 53081

Village of Jackson - Jen Keller, Village Administrator - 262-677-9001
PO Box 147 Jackson, WI 53037

City of Lake Mills - Sandra Bell, City Finance Director - 920-648-2344
200-D Water St. Lake Mills, WI 53551

City of Cedarburg - Mikko Hilvo, City Administrator - 262-375-7917
W63 N645 Washington Ave Cedarburg, WI 53012

Expertise, Experience Leading to Probable Success

Assessment Technologies of Wisconsin is a full-service municipal valuation solution company with over 38 years of experience providing a wide variety of services to many nearby municipalities.

With a talented appraisal staff and meticulous support staff we are able to offer full time service at a part time price. We have sufficient staffing and the best available technology to help provide detailed and accurate estimates of value in a professional manner.

A partnership between Grota Appraisals and Assessment Technologies was formed to create assessment software designed to address the specific statutory requirements for Wisconsin and further, to provide a platform for using the "best practices" as outlined in the state's Assessor's Manual. While, Market Drive PC is far and away the most widely used Computer Assisted Mass Appraisal (CAMA) software in the state of Wisconsin, the staff at Assessment Technologies of Wisconsin has the most extensive knowledge of the software's full capabilities.

Assessment Technologies of Wisconsin has staff that is very familiar with the City of Greenfield as we completed similar limited scope revaluations for the City in 2003 and 2012.

Assessment Technologies of Wisconsin already provides similar services for many communities in the area. The City of Greenfield fits well into our service system, both in geographical location and in community size. Both the City of Greenfield and Assessment Technologies of Wisconsin can benefit from the natural economies of scale and synergies developed.

Meeting statutory dates is important in our business as our valuations affect other departments and other taxing jurisdictions. With Board of Review finalizing assessments on a yearly basis, it is important to conclude this meeting well in time for both the equalization and budget process to proceed in a timely fashion with firm or finalized valuations.

The Open Book phase of the assessment cycle will be held for a long enough period to offer property owners ample opportunity to review, compare and discuss the reported assessments for their properties. With multiple Appraisers being available for several weeks, Assessment Technologies of Wisconsin will assure the City that property owners will have adequate opportunity to discuss the new assessment with one of our staff.

Experience with Exempt properties

Assessment Technologies of Wisconsin has a great deal of experience working with exempt properties and those attempting to gain exemption. Our experience over the last 38 years has helped us develop the criteria upon which to base our determination of the exemption status. This experience varies from churches and cemeteries to large institutional facilities, including hospitals and clinics. Several properties are partially assessable and partially exempt, which requires careful review and an in-depth working knowledge of the State Statutes as they apply to that entity and its actual use.

Should an exemption request arise, we have the knowledge and resources to properly investigate and render a decision based on the current State Statutes.

Experience with Medical Facilities

Assessment Technologies of Wisconsin has a great deal of experience with medical clinics, nursing homes, and convalescent centers. These properties range from small doctors offices to large regional centers, like the St. Joseph's Hospital and the newly built clinic in the Town of Polk, Washington County.

Assessment Technologies of Wisconsin has worked with the Town of Summit in Waukesha County and the Village of Jackson in Washington County for several years on proposed projects for Aurora Hospitals/Clinics. At the request of these communities, Assessment Technologies of Wisconsin performed several feasibility studies to evaluate the current and potential future market values of the proposed developments. The feasibility studies were used to provide the communities with projected financial costs versus benefits analysis assuming different combinations of assessable versus exempt operations.

Experience with Retail and Multi-Family Properties

Assessment Technologies of Wisconsin has several qualified individuals specializing in the valuation of Commercial properties. Dwight Frame, with over 25 years experience in commercial property valuation, heads our commercial valuation team.

Several years ago, Appraisers at Assessment Technologies of Wisconsin developed and presented a 3-hour course entitled "Commercial Valuation made easy" – An Introduction to the valuation of all types of commercial property". The course was developed to provide attendees with 3-hours of Continuing Education (CE) credits required by the Wisconsin Department of Regulation and Licensing for Assessor Certification.

In addition to the experience and expertise of our staff, our **Market Drive PC** software allows for easy data collection and analysis of construction costs, market income and expenses and recent sales, which are needed to develop all three approaches to value: (Cost, Income & Sales Comparison).

Within our current client base, Assessment Technologies of Wisconsin maintains assessments for thousands of multi-family units.

Services Above and Beyond the Call of Duty

Town of Kewaskum

Assessment Technologies of Wisconsin insured the Town of Kewaskum would meet statutory compliance under Wisconsin State Statutes 70.05(5)(d), (f) and (g).

After going more than 7 years without a full revaluation, the Town's assessment ratio declined to 75% in 2000, which is significantly below the state's mandate of 10% +/- of full market value. To meet statutory compliance under Wisconsin State Statutes 70.05, the Town commissioned a full revaluation of all properties for 2001. Additionally, the Town scheduled the Board of Review to be held in May, which is comparatively early in the assessment calendar year considering that the community was not in compliance and had not performed a revaluation in seven years. However, in spite of the challenges, Assessment Technologies of Wisconsin successfully completed the revaluation timely and the assessment ratio was adjusted from its low of 75% in 2000 to 101% at the close of the Board of Review in May of 2001.

Unfortunately, in August of 2001, a full three months after the close of the Town's Board of Review, the State's Bureau of Property Tax reported their equalized values for the Town, which included a 45% increase in the commercial class. It should be noted that the Town of Kewaskum has only seven (7) properties classified as commercial.

Because of the State Bureau's reported assessment ratio for these 7 properties, the Town of Kewaskum would have been again listed as being out of compliance under s. 70.05(5)(d) and (f) for the commercial class for 2001. Given that as of 2000, the Town had been out of compliance since 1996, the Town would be a candidate for a State supervised full revaluation. The State's decision to report the commercial class as non-compliant would result in the entire community being reported as non-compliant and therefore subject to a supervised full revaluation.

In spite of concerted efforts, the Town was unable to persuade the State to reconsider their position on the reported assessment ratios for the seven commercial properties.

Since non-compliance in 2001 would require the Town to fall under order of the State for a supervised full revaluation, Assessment Technologies of Wisconsin, at no additional charge, performed a market update for the Town in 2002 for all properties to be at 100% of market value.

Project Cost

Option #1

2024 Market Update Revaluation

Provide all services necessary to adequately perform all statutory Assessor duties as described in the WPAM (Wisconsin Property Assessment Manual), WI State Statutes and professional appraisal practices.

Cost: \$223,000

Payable in 2023 & 2024

\$44,600 per quarter: September 1, 2023 / December 1, 2023 / March 1, 2024 / June 1, 2024 / September 1, 2024

Option #2

2024 Market Update Revaluation

Provide all services necessary to adequately perform all statutory Assessor duties as described in the WPAM (Wisconsin Property Assessment Manual), WI State Statutes and professional appraisal practices.

Cost: \$223,000

Payable in 2023, 2024 & 2025

\$24,777.77 per quarter: September 1, 2023 / December 1, 2023 / March 1, 2024 / June 1, 2024 / September 1, 2024 / December 1, 2024 / March 1, 2025 / June 1, 2025

\$24,777.84 last payment: September 1, 2025

City of Greenfield

Timeline for project completion

- June 2023 - August 2023 begin analysis of sales and start the value trending process and building the new assessment model by which to value all property.
- September 2023 - November 2023, continue analysis of sales, statistically test valuation model to assure the model is sound.
- December 2023 – June 2024, start final review process to assure that individual property values are in line with the current market value as well uniform and equitable with similar and dis-similar properties.
- March 2024, set dates for Open Book and Board of Review (Open Book in August and Board of Review in September).
- April 2024, discuss equalized values versus sales of property with the Department of Revenue to assure the City's equalization is fair and correct.
- Early July 2024 make any final adjustments to assessments.
- Late July 2024, mail notices of assessment to all property owners with a letter of explanation to be enclosed with the new notice of assessment. Post the assessment roll.
- August 2024, hold Open Book sessions, after its completion, mail letters of determination to all taxpayers requesting an assessment review.
- September 2024 hold Board of Review.
- October 2024, after completion of Board of Review, file all required reports.

EQ ADMIN AREA 77 Milwaukee
COUNTY 40 Milwaukee County
CITY 236 Greenfield

Year	Property Class	Municipal Assessed Value	DOR Base Value	% of DOR Base Value	Ratio (%)	Major Class Municipal Compliance Status	Type Of Notice Issued
2021	Residential	1,804,426,800	2,376,485,500	65.10	75.93	NO	
	Commercial	1,124,926,200	1,214,079,200	33.26	92.66	YES	
	Agricultural	0	0	0.00	0.00		
	Sum Of 5, 5M, 6, 7	5,300	20,000	0.00	26.50		
	Personal	49,151,700	59,941,100	1.64	82.00		
	Total	2,978,510,000	3,650,525,800	100.00	81.59	NO	
2020	Residential	1,800,398,600	2,224,796,300	63.14	80.92	NO	
	Commercial	1,103,333,700	1,247,510,900	35.41	88.44	NO	
	Agricultural	0	0	0.00	0.00		
	Sum Of 5, 5M, 6, 7	5,300	20,000	0.00	26.50		
	Personal	50,994,100	50,994,100	1.45	100.00		
	Total	2,954,731,700	3,523,321,300	100.00	83.86	NO	
2019	Residential	1,795,655,800	2,127,923,400	65.17	84.39	NO	
	Commercial	1,053,652,300	1,091,243,300	33.42	96.56	YES	
	Agricultural	0	0	0.00	0.00		
	Sum Of 5, 5M, 6, 7	5,300	20,000	0.00	26.50		
	Personal	45,790,118	45,790,100	1.40	100.00		
	Total	2,895,103,518	3,264,976,800	100.00	88.67	NO	
2018	Residential	1,775,811,200	1,934,119,300	64.81	91.81	YES	
	Commercial	1,020,739,200	999,748,300	33.50	102.10	YES	
	Agricultural	0	0	0.00	0.00		
	Sum Of 5, 5M, 6, 7	5,300	20,000	0.00	26.50		
	Personal	48,167,700	50,437,400	1.69	95.50		
	Total	2,844,723,400	2,984,325,000	100.00	95.32	YES	
2017	Residential	1,742,966,200	1,832,440,200	64.71	95.12	YES	
	Commercial	988,717,700	943,375,500	33.31	104.81	YES	
	Agricultural	0	0	0.00	0.00		
	Sum Of 5, 5M, 6, 7	5,300	20,000	0.00	26.50		
	Personal	54,441,800	56,125,600	1.98	97.00		
	Total	2,786,131,000	2,831,961,300	100.00	98.38	YES	
2016	Residential	1,737,781,100	1,780,534,600	63.71	97.60	YES	
	Commercial	954,176,400	957,525,300	34.26	99.65	YES	
	Agricultural	0	0	0.00	0.00		
	Sum Of 5, 5M, 6, 7	5,300	20,000	0.00	26.50		
	Personal	55,720,474	56,568,900	2.02	98.50		
	Total	2,747,683,274	2,794,648,800	100.00	98.32	YES	
2015	Residential	1,730,622,700	1,733,328,700	63.01	99.84	YES	
	Commercial	949,157,400	958,958,100	34.86	98.98	YES	
	Agricultural	0	0	0.00	0.00		
	Sum Of 5, 5M, 6, 7	5,300	20,000	0.00	26.50		
	Personal	58,144,800	58,732,100	2.13	99.00		
	Total	2,737,930,200	2,751,038,900	100.00	99.52	YES	



Assessment Technologies
of Wisconsin LLC

CONTRACT FOR THE MARKET UPDATE REVALUATION
OF ALL REAL AND PERSONAL PROPERTY
CITY OF GREENFIELD
2024

THIS AGREEMENT: By and between Assessment Technologies of Wisconsin LLC, hereinafter called the "Assessor", and the City of Greenfield, Milwaukee County, Wisconsin, hereinafter called the "City".

ARTICLE I

SCOPE OF WORK: The Assessor, having familiarized himself with the local conditions affecting the cost of work to be done, and the Standard Specifications for the revaluation of all Real and Personal Property in the State of Wisconsin pursuant to Chapter 70, Wisconsin State Statutes, hereby agrees to perform everything required to be performed, and to complete in a professional manner everything required to be completed, to revalue all Real and Personal Property in the City in accordance with all applicable Wisconsin State Statutes and the General Agreements as stated in Article Three of this contract.

ARTICLE II

COMPENSATION: The City shall pay to the Assessor for the performance of the contract, the sum of \$223,000 (Two Hundred Twenty-Three Thousand Dollars) for revaluation work. Payments shall be made as follows:

2023

\$24,777.77 per quarter, September 1, 2023 / December 1, 2023

2024

\$24,777.77 per quarter, March 1, 2024 / June 1, 2024 / September 1, 2024 / December 1, 2024

2025

\$24,777.77 per quarter March 1, 2025 / June 1, 2025

\$24,777.84 last payment: September 1, 2025



Assessment Technologies
of Wisconsin LLC

ARTICLE III

GENERAL AGREEMENTS:

- 1) Complete revaluation services for all Real and Personal Property in the City of Greenfield per proposal and approved by the City for the 2024 assessment year.
- 2) Fee includes field review work, supplies, printing, mailing of public information letters, and "Open Book" hearings.
- 3) All provisions stated in proposal adhered to in the best interest of the City, and for taxpayer awareness.

SUBMITTED TO THE CITY OF GREENFIELD THIS 10TH DAY OF
AUGUST, 2022

Les Ahrens
Director of Valuation Services
Assessment Technologies of Wisconsin LLC

ACCEPTANCE BY CITY:

The above contract, terms and agreements are hereby accepted this _____ day of
_____, 2022

BY GOVERNING BODY OF THE CITY OF GREENFIELD

ATTEST:

Official signatures and titles,

Mayor



City Attorney

Finance Director

City Clerk

CITY OF GREENFIELD
OPERATOR LICENSE APPLICANTS

09/16/2022

OPERATOR'S REGULAR

<u>NAME</u>	<u>ADDRESS</u>	<u>CITY, STATE, ZIP</u>
Alan James Moss	1223 Noel CT	South Milwaukee, WI 53172
Alyssia Jayde Martinez	5600 Old Oak LN	Racine, WI 53402
Austin Dominick Brumirski	1427 E Buckwood CT	Oak Creek, WI 53154
Callie Rowe Cottrell	3878 S 48th ST	Milwaukee, WI 53220
Hydn Taylor Heisel	3115 W Southway DR	Franklin, WI 53132
Jennifer Kowalewski Maiorano	947 W Eden PL	Milwaukee, WI 53221
Megan Elizabeth Grenz	727 W Abbott AVE	Milwaukee, WI 53221
Nicole Lee Darling	10129 W Forest Home AVE Apt. #6	Hales Corners, WI 53130

RESOLUTION NO. _____

RESOLUTION APPOINTING ADDITIONAL ELECTION
INSPECTORS AND SPECIAL VOTING DEPUTIES 2022-2023

WHEREAS, Wis. Stats. 7.30(4)(a) requires the governing body to appoint election officials no later than the last regular meeting in December of each odd numbered year for the 2022-2023 election cycle; and

WHEREAS, appointments were made, but in addition to the appointments already made, the Common Council desires to add Susan Gambetta, Shadwick Barry, Caroline Sanderson, Robert Sanderson, Carol Stephany, Jeanette Bilodeau, Richard Shane and Christine Saari, Dana Schroeder, Brian Bond, Rory Szukalski, Kathy Schwickert, and Paul and Rosemarie Barrette to the list of Election Officials and Gail Reck to the list of Special Voting Deputies; and

NOW, THEREFORE, BE IT RESOLVED that the Common Council of the City of Greenfield confirms the appointments of the following individuals and adds them to the list of Election Officials for the 2022-2023 election cycle:

Susan Gambetta, 5300 Woodbridge Lane S, Greenfield, WI 53221
Shadwick Barry, 4971 W. Maple Leaf Cir., Greenfield, WI 53220
Caroline and Robert Sanderson, 5761 W. Edgerton Ave., Greenfield, WI 53220
Carol Stephany, 4212 S. 97th St., Greenfield, WI 53228
Jeanette Bilodeau, 4824 S. Brookdale Dr., Greenfield, WI 53228
Richard Shane, 4363 S. 118th St., Greenfield, WI 53228
Christine Saari, 6232 W. Bottsford Ave., Greenfield, WI 53220
Dana Schroeder, 3727 W. Grange Ave., Greenfield, WI 53221
Brian Bond, 5200 S. Tuckaway Blvd., Greenfield, WI 53221
Rory Szukalski, 3841 W. Barnard Ave., Greenfield, WI 53221
Kathy Schwickert, 4554 S. 47th St., Greenfield, WI 53220
Paul and Rosemarie Barrette, 5344 S. 48th St., Greenfield, WI 53220
Gail Reck, 4195 W. Squire Ave., Greenfield, WI 53221

PASSED AND ADOPTED by the Common Council of the City of Greenfield on the 20th day of September, 2022.

APPROVED:

Michael J. Neitzke, Mayor

ATTEST:

Jennifer Goergen, City Clerk



Board of Public Works Meeting

Introduced By: Department of Neighborhood Services (Katz)

Date Introduced: September 20, 2022

RELATING TO:

Approve an amendment to a license agreement with Verizon Wireless.

SUMMARY:

In 2014, Greenfield permitted the installation of nine small cell cellular phone antennas through a license agreement with Verizon Wireless.

This amendment to the license agreement is to relocate two of those installations.

The new installations will be by permit.

FINANCIAL:

RECOMMENDATION:

Approve an amendment to a license agreement with Verizon Wireless.

ATTACHMENTS: KEY ISSUES ___ BACKGROUND ___ RESOLUTION ___ FISCAL NOTE ___
MOTION ___ OTHER ___

SECOND AMENDMENT TO LICENSE SUPPLEMENT

This Second Amendment to License Supplement ("**Second Amendment**") is made as of the date of the last party to sign below, by and between the City of Greenfield, Wisconsin, whose principal place of business is 7325 West Forest Home Avenue, Greenfield, Wisconsin 53220 ("**LICENSOR**"), and Cellco Partnership d/b/a Verizon Wireless, the successor-in-interest to Verizon Wireless Personal Communications LP d/b/a Verizon Wireless, whose principal place of business is One Verizon Way, Mail Stop 4AW100, Basking Ridge, New Jersey 07920 ("**LICENSEE**"). The LICENSOR and LICENSEE are at times collectively referred to hereinafter as the "**Parties**".

WHEREAS, the Parties entered into that certain Master License Agreement dated May 22, 2014, (the "**Agreement**") which, along with expressly referenced Supplements, govern the terms and conditions of the LICENSEE's placement of its communications facilities upon LICENSOR's poles ("**Poles**").

WHEREAS, the Parties previously entered into a License Supplement (the "**Supplement**") dated May 22, 2014, which set forth, along with the Agreement, the terms and conditions of the placement of LICENSEE'S communications facilities on nine (9) Poles owned by LICENSOR with each of the nine (9) Poles being identified in Exhibit 1 to the Supplement as a node (each a "**Node**"); and

WHEREAS, following the date of the Supplement, certain changes were required to be made to the Nodes in Exhibit "1" of the Supplement which resulted in the Parties executing the First Amendment to License Supplement ("**First Amendment**"); and

WHEREAS, the LICENSOR has requested that LICENSEE relocate two (2) of the nine (9) Nodes identified in the First Amendment; and

WHEREAS, the Parties, by executing this Second Amendment, desire to memorialize the relocation of the two (2) Nodes.

NOW, THEREFORE, in consideration of the promises hereinafter made and other good and valuable consideration, the receipt of which is hereby acknowledged, LICENSOR and LICENSEE agree to the following:

1. The recitals above are true and correct and are incorporated herein.
2. This Second Amendment is made part of the Supplement dated May 22, 2014, as amended by the First Amendment, and as referenced in the Agreement. All terms and conditions of the Agreement are incorporated herein by reference and made a part hereof without the necessity of repeating or attaching the Agreement. In the event of a contradiction, modification or inconsistency between the terms of the Agreement, the Supplement, the First Amendment and this Second Amendment, the terms of this Second Amendment shall govern. Capitalized terms used in this Second Amendment shall have the same meaning described for them in the Agreement, Supplement and First Amendment unless otherwise indicated herein.
3. The Premises for Node 1 as identified on Exhibit B of the First Amendment is hereby replaced with the Premises as described in Exhibit A of this Second Amendment.
4. The Premises for Node 3 as identified on Exhibit B of the First Amendment is hereby replaced with the Premises as described in Exhibit B of this Second Amendment.

SITE NAMES and LOCATION NUMBERS:

ELMDALE SC03 (Location No. 264612) & ELMDALE SC08 (Location No. 264617)

5. The poles constructed to support the new locations of Nodes 1 and 3 shall be owned by LICENSEE.
6. Pursuant to Wis. Stat. § 66.0414, the annual rental payment for the Nodes for the remainder of the current Term as set forth in the Supplement shall be hereby amended as follows: Node 1 - \$20.00, Node 2- \$270.00, Node 3 - \$20.00, Node 4 - \$270.00, Node 5-\$270.00, Node 6 - \$270.00, Node 7 - \$270.00, Node 8 - \$270.00 and Node 9 - \$270.00. The rental payments shall be due on each anniversary of the Commencement Date unless otherwise agreed to by the Parties. Rental payments for subsequent Terms shall be calculated as specified by Wis. Stat. § 66.0414.
7. Except as amended herein, all terms, conditions, provisions, covenants, and agreements contained in the Supplement are hereby ratified and confirmed in their entirety. The terms used herein and not otherwise defined shall have the same meaning as set forth in the Supplement.

{End of Amendment – Signature Page and Exhibits Follow}

SITE NAMES and LOCATION NUMBERS:

ELMDALE SC03 (Location No. 264612) & ELMDALE SC08 (Location No. 264617)

IN WITNESS WHEREOF, the Parties hereto have set their hands and affixed their respective seal on the day and year so indicated.

LICENSOR:

CITY OF GREENFIELD

By: _____

Name: Michael J. Neitzke

Title: Mayor

Date: _____

By: _____

Name: Jennifer Goergen

Title: Clerk

Date: _____

LICENSEE

**Cellco Partnership d/b/a Verizon Wireless as
successor-in-interest to Verizon Wireless Personal
Communications LP d/b/a Verizon Wireless**

By: _____

Name: _____

Title: _____

Date: _____

SITE NAMES and LOCATION NUMBERS:

ELMDALE SC03 (Location No. 264612) & ELMDALE SC08 (Location No. 264617)

EXHIBIT A
Node 1 - Premises

verizon

GREENFIELD
ELMDALE-SC03
LOCATION #: 264612
FUZE ID: 16908377

VICINITY MAP



AERIAL VIEW OF SITE



GENERAL LOCATION



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

DIGGERS HOTLINE 811 OR
1-800-242-8511

WISCONSIN STATUTE 182.0175 (1974) REQUIRES MIN. OF 3
WORK DAYS NOTICE BEFORE YOU EXCAVATE.

APPROVALS

CONSTRUCTION MANAGER:	
DESIGN ENGINEER:	
OPERATIONS MANAGER:	
IMPLEMENTATION MANAGER:	
REAL ESTATE MANAGER:	

SHEET INDEX

GENERAL:
T-1 TITLE SHEET

NOTES:
SF-1 SPECIFICATIONS

SITE:
A-1 OVERALL SITE PLAN
A-2 ENLARGED SITE PLANS
A-3 EXISTING POLE ELEVATION
A-4 PROPOSED POLE ELEVATION
A-5 ANTENNA & EQUIPMENT SUMMARY
A-6A POLE SPECIFICATIONS
A-6B POLE SPECIFICATIONS
A-6C POLE SPECIFICATIONS
A-7 FOUNDATION DESIGN
A-8A ANTENNA & MOUNTING DETAILS
A-8B MOUNTING SPECIFICATIONS
A-9 EQUIPMENT & MOUNTING DETAILS
A-10 FIBER DETAILS
A-11 RF NOTICE TAG DETAIL

ELECTRICAL:
E-1 ELECTRICAL DETAILS
E-2 ELECTRICAL DETAILS

GROUNDING:
G-1 GROUNDING DETAILS
G-2 GROUNDING DETAILS

PROJECT INFORMATION

SITE DATA:
SITE NAME: ELMDALE-SC03
LOCATION #: 264612
ADDRESS: 4100 W. EDGERTON AVE.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

LATITUDE: 42° 57' 0.1664" N (42.95230007)
LONGITUDE: 87° 57' 59.5692" W (-87.96652937)

CITY OF GREENFIELD

SITE ACQUISITION:
RAMAKER
855 COMMUNITY DRIVE
SAUK CITY, WI 53583
CONTACT: MIKE REEVE
PH: (608) 643-4100
FAX: (608) 643-7999
EMAIL: mreeve@ramaker.com

RF ENGINEER:
VERIZON WIRELESS
CONTACT: ASHOK PATIL
EMAIL: Ashok.patil@VerizonWireless.com

REAL ESTATE MANAGER:
VERIZON WIRELESS
1701 GOLF ROAD, TOWER 2, SUITE 400,
ROLLING MEADOW, IL 60008
CONTACT: KATHY COGSWELL
EMAIL: KATHRYN.COGSWELL@VerizonWireless.com
PHONE: (224) 213-4403

CONSTRUCTION MANAGER:
VERIZON WIRELESS
CONTACT: JON BARTLELL
EMAIL: JON.BARTLELL2@VerizonWireless.com
PHONE: (920) 641-1263

CONSULTING ENGINEER:
RAMAKER
855 COMMUNITY DRIVE
SAUK CITY, WI 53583
CONTACT: MIKE REEVE
PH: (608) 643-4100
FAX: (608) 643-7999
EMAIL: mreeve@ramaker.com

POWER PROVIDER:
WE ENERGIES
500 S. 116th STREET
WEST ALLIS, WI 53214
PH: (414) 944-5634

FIBER PROVIDER:
MCI AT&T
15725 W. RYERSON ROAD
NEW BERLIN, WI 53151
PHONE: (262) 782-9845

SCOPE OF WORK:
INSTALLATION OF PROPOSED 5G EQUIPMENT AND
RELOCATION OF EXISTING 4G EQUIPMENT ON A
PROPOSED OWNER OWNED METAL POLE WITH
UNDERGROUND ELECTRIC AND FIBER

CITY OF GREENFIELD CONTACTS:
DEPARTMENT OF NEIGHBORHOOD SERVICES
CONTACT: JEFF KATZ PE
EMAIL: JEFFREY.KATZ@GREENFIELDWI.Us
PH: (414) 939-6322

MAP LOCATION



NOTE: TO SCAN THE QR CODE,
DOWN LOAD A "QR READER APP"

verizon

1701 GOLF ROAD, TOWER 2, SUITE 400,
ROLLING MEADOW, IL 60008



RAMAKER

employee-owned
(608) 643-4100 www.ramaker.com

Continuation Sheet

I hereby certify that this plan, specification, or report was prepared
by me or under my direct supervision and that I am a duly Licensed
Professional Engineer under the laws of the State of Wisconsin.



Signature: [Signature] Date: 6/23/2022

MARK	DATE	DESCRIPTION	INITIALS
FILED	FINAL	(M) (m)	06/23/2022
PROJECT TITLE:			

GREENFIELD
ELMDALE-SC03
LOCATION #: 264612

PROJECT LOCATION:
4100 W. EDGERTON AVE.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:
TITLE SHEET

SCALE: NONE

PROJECT NUMBER: 45050

SHEET NUMBER: T-1

GENERAL NOTES

1. ALL EQUIPMENT FURNISHED AND WORK PERFORMED UNDER THE CONTRACT DOCUMENTS SHALL BE GUARANTEED AGAINST DEFECTS IN MATERIALS OR WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE, UNLESS NOTED OTHERWISE. ANY FAILURE OF EQUIPMENT OR WORK DUE TO DEFECTS IN MATERIALS OR WORKMANSHIP SHALL BE CORRECTED BY THE CONTRACTOR AT NO COST TO THE OWNER.
2. ALL WORK, MATERIAL, AND EQUIPMENT SHALL COMPLY WITH ALL REQUIREMENTS OF THE LATEST EDITIONS AND INTERIM AMENDMENTS OF THE NATIONAL ELECTRICAL CODE (N.E.C.), NATIONAL ELECTRICAL SAFETY CODE, OSHA, AND ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES. ALL ELECTRICAL EQUIPMENT PROVIDED UNDER THIS CONTRACT SHALL BE NEW (EXCEPT WHERE OTHERWISE NOTED) AND SHALL COMPLY WITH THE REQUIREMENTS OF THE UNDERWRITERS' LABORATORIES AND BEAR THE U.L. LABEL.
3. VERIZON WIRELESS OR THEIR ARCHITECT/ENGINEER RESERVE THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH IN THEIR OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO THE OWNER OR THEIR ARCHITECT/ENGINEER.
4. THE CONTRACTOR SHALL SUPPORT, BRACE AND SECURE EXISTING STRUCTURE AS REQUIRED. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PROTECTION OF ANY EXISTING STRUCTURES DURING CONSTRUCTION. FIELD VERIFY ALL EXISTING DIMENSIONS WHICH AFFECT THE NEW CONSTRUCTION.
5. THE CONTRACTOR SHALL NOT ALLOW OR CAUSE ANY OF THE WORK TO BE COVERED UP OR ENCLOSED UNTIL IT HAS BEEN INSPECTED BY THE GOVERNING AUTHORITIES. ANY WORK THAT IS ENCLOSED OR COVERED UP BEFORE SUCH INSPECTION AND TEST SHALL BE UNDOER AT THE CONTRACTORS EXPENSE. AFTER IT HAS BEEN INSPECTED, THE CONTRACTOR SHALL RESTORE THE WORK TO ITS ORIGINAL CONDITION AT THEIR OWN EXPENSE.
6. ALL EXISTING UTILITIES, FACILITIES, CONDITIONS AND THEIR DIMENSIONS SHOWN ON PLANS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ARCHITECT/ENGINEER AND OWNER (VERIZON WIRELESS) ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL SAID UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING AFFECTED UTILITIES.
7. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES BOTH HORIZONTALLY AND VERTICALLY PRIOR TO START OF CONSTRUCTION, ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHALL BE IMMEDIATELY REPORTED TO THE PROJECT MANAGER FOR RESOLUTION AND INSTRUCTION. NO FURTHER WORK SHALL BE PERFORMED UNTIL DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT/ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT THEIR OWN RISK AND EXPENSE.
8. CONTRACTORS SHALL CLEAN ENTIRE SITE AFTER CONSTRUCTION SUCH THAT NO PAPERS, TRASH, DEBRIS, WEEDS, BRUSH OR ANY OTHER DEPOSITS REMAIN. ALL MATERIALS COLLECTED DURING CLEANING OPERATIONS SHALL BE PROPERLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
9. ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY THE CONTRACTOR WITH LOCAL GAS, ELECTRIC, TELEPHONE, AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS LOCATION.
10. DURING CONSTRUCTION, THE CONTRACTOR SHALL AT ALL TIMES MAINTAIN THE UTILITIES OF THE BUILDINGS/SITE WITHOUT INTERRUPTION. SHOULD IT BE NECESSARY TO INTERRUPT ANY SERVICE OR UTILITY, THE CONTRACTOR SHALL SECURE PERMISSION IN WRITING FROM THE BUILDING/PROPERTY OWNER FOR SUCH INTERRUPTION. AT LEAST 72 HOURS IN ADVANCE, ANY INTERRUPTION SHALL BE MADE WITH A MINIMUM AMOUNT OF INCONVENIENCE TO THE BUILDING/PROPERTY OWNER AND ANY SUCH SHUTDOWN TIME SHALL BE COORDINATED WITH THE BUILDING/PROPERTY OWNER.
11. CONTRACTOR SHALL SUBMIT AT THE END OF THE PROJECT A COMPLETE SET OF AS BUILT DRAWINGS TO VERIZON WIRELESS PROJECT MANAGER.
12. THIS CONTRACTOR SHALL PROVIDE ALL TEMPORARY WIRING FOR ALL TRADES FOR CONSTRUCTION EGRESS (E.G. HAND TOOLS, WELDERS, PIPE BENDERS, ETC.) A CONSTRUCTION LIGHTING PER THE LATEST OSHA STANDARDS. INCLUDE ALL COSTS IN THE BASE BID THIS CONTRACTOR SHALL ESTABLISH SAFE WORKING PROCEDURES FOR THE PROTECTION OF THE WORKMEN IN ALL PHASES OF WORK, COMPLY WITH THE APPLICABLE PROVISIONS OF ALL CITY, STATE AND FEDERAL SAFETY LAWS (OSHA).
13. THIS CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH THE PLANS AND SHALL VERIFY EXISTING SITE CONDITIONS AT THE JOB SITE BEFORE SUBMITTING BID. FAILURE TO RECOGNIZE WORK REQUIRED SHALL BE AT THE EXPENSE OF THIS CONTRACTOR. NO CONSIDERATION SHALL BE GIVEN FOR ADDITIONAL COMPENSATION AFTER THE LETTING OF BIDS.
14. ENTIRE INSTALLATION SHALL BE PERFORMED IN A FIRST-CLASS WORKMAN LIKE MANNER AND SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES. THE COMPLETED SYSTEMS SHALL BE FULLY OPERATIONAL; ACCEPTANCE BY THE OWNER SHALL BE A CONDITION OF THE CONTRACT. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES IN ORDER TO AVOID INTERFERENCES.

- PRESERVING MAXIMUM HEADROOM AND AVOID OMISSIONS. ALL MATERIALS WORKMANSHIP AND EQUIPMENT SHALL BE GUARANTEED FOR ONE (1) YEAR AFTER SYSTEM ACCEPTANCE.
15. ALL MATERIALS USED SHALL BE NEW AND BEAR THE U.L. LABEL AND BE OF THE APPROPRIATE NEMA STANDARD.
 16. CONTRACTOR SHALL INCLUDE ALL MISCELLANEOUS ITEMS REQUIRED TO COMPLETE THE WORK.
 17. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND REQUIRED INSPECTION FEES.
 18. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO COORDINATE AND REVIEW THE ELECTRICAL CHARACTERISTICS, AMPACITY AND OTHER REQUIREMENTS OF ALL EQUIPMENT PRIOR TO INSTALLATION.
 19. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO COORDINATE THE LOCATIONS OF CONDUIT ROUTING, EQUIPMENT, LIGHTING, ETC. WITH ALL OTHER TRADES IN THE FIELD PRIOR TO INSTALLATION.
 20. FOR CLARITY OF ALL PLANS, SOME EQUIPMENT CONDUIT AND WIRE HAS NOT BEEN SHOWN. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO FURNISH AND INSTALL COMPLETE AND OPERATING SYSTEMS INCLUDING ALL CONDUIT AND WIRING.
 21. THE CONTRACTOR SHALL MAINTAIN THE FIRE RATED INTEGRITY OF ALL FLOORS, CEILINGS AND WALLS. ALL PENETRATIONS THROUGH FIRE RATED BUILDINGS ELEMENTS SHALL BE EFFECTIVELY SEALED USING APPROVED METHODS. ALL LIGHTING AND LIGHTING FIXTURES MOUNTED IN FIRE RATED CEILINGS SHALL MAINTAIN THE INTEGRITY OF THE FIRE RATING CEILINGS USING APPROVED MATERIALS AND METHODS. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATINGS.
 22. THE CONTRACTOR SHALL INSPECT THE COMPLETE SET OF DRAWINGS AND SPECIFICATIONS TO DETERMINE THEIR ENTIRE SCOPE OF WORK. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND EXTENT OF DEMOLITION AND WORK FOR THE PROJECT PRIOR TO SUBMITTING THEIR BID. MATERIALS OR WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE, UNLESS NOTED OTHERWISE. ANY FAILURE OF EQUIPMENT OR WORK DUE TO DEFECTS IN MATERIALS OR WORKMANSHIP SHALL BE CORRECTED BY THE CONTRACTOR AT NO COST TO THE OWNER.
 23. THE ELECTRICAL INSTALLATION IS TO BE IN STRICT ACCORDANCE WITH THE APPLICABLE RULES AND REGULATIONS OF ALL LOCAL, STATE AND FEDERAL ELECTRICAL CODES AND THE LOCAL UTILITY COMPANY REQUIREMENTS OR ANY OTHER AUTHORITIES HAVING LAWFUL JURISDICTION.

QUALITY ASSURANCE

1. ALL CONTRACTORS FURNISHED MATERIALS AND EQUIPMENT SPECIFIED ON THE PROJECT SHALL BE NEW AND UNUSED, OF CURRENT MANUFACTURER AND OF THE HIGHEST GRADE.
2. ALL EQUIPMENT, MATERIAL AND THE INSTALLATION METHODS SPECIFIED ON THE PROJECT DRAWINGS SHALL BE DESIGNED AND FABRICATED IN COMPLIANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL CODES AND REGULATIONS AND APPROPRIATE INDUSTRIAL CONSENSUS STANDARDS AND CODES INCLUDING ANSI, IEEE, NEMA, NFPA, AND UL. ALL AS REVISED AS OF THE DATE OF THIS WORK PACKAGE.
3. ALL ELECTRICAL ITEMS BOTH CONTRACTOR AND OWNER FURNISHED SHALL BE CHECKED FOR AGREEMENT WITH THE PROJECT DRAWINGS AND SPECIFICATIONS AND SHALL BE VISUALLY INSPECTED TO ENSURE THAT EQUIPMENT IS UNDAMAGED AND IS IN PROPER ALIGNMENT. INSTALLED PER MANUFACTURERS INSTRUCTIONS. ELECTRICAL CONNECTIONS ARE TIGHT AND PROPERLY INSULATED WHERE REQUIRED. FUSES ARE OF THE PROPER TYPE AND SIZE AND ELECTRICAL ENCLOSURES ARE OF THE PROPER NEMA TYPE.
4. NOTIFY OWNER IN WRITING OF ALL DISCREPANCIES BETWEEN DRAWINGS/SPECIFICATIONS AND FIELD INSTALLATIONS, OR IF THE VISUAL INSPECTIONS SHOW DAMAGE OR IMPROPER INSTALLATION.
5. GENERAL: DURING AND UPON COMPLETION OF THE WORK, ARRANGE AND PAY ALL ASSOCIATED INSPECTIONS OF ALL ELECTRICAL WORK INSTALLED UNDER THIS CONTRACT. IN ACCORDANCE WITH THE CONDITIONS OF THE CONTRACT.
6. INSPECTIONS REQUIRED: AS PER THE LAWS AND REGULATIONS OF THE LOCAL AND/OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE.
7. INSPECTION AGENCY: APPROVED BY THE LOCAL AND/OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE.

CONDUCTORS

1. ALL POWER, CONTROL AND COMMUNICATION WIRING SHALL MEET REQUIRED NEMA-RATINGS, ASTM, UL, AND NEC STANDARDS FOR MATERIAL AND WORKMANSHIP UNLESS OTHERWISE SPECIFIED.
A. SERVICE ENTRANCE CONDUCTORS SHALL BE COPPER, 200 VOLT, SUNLIGHT RESISTANT, SUITABLE FOR WET LOCATIONS, TYPE USE-2. THE GROUNDED NEUTRAL CONDUCTOR SHALL BE IDENTIFIED WITH A WHITE MARKING AT EACH TERMINATION.
B. CONDUCTORS FOR FEEDER AND BRANCH CIRCUITS SHALL BE COPPER, 200 VOLT, TYPE THHN/THWN WITH A MINIMUM SIZE OF #12 AWG.
2. ALL CONDUCTOR ACCESSORIES INCLUDING CONNECTORS, TERMINATIONS, INSULATING MATERIALS, SUPPORT GRIPS, MARKER AND CABLE TIES SHALL BE FURNISHED AND INSTALLED. SUPPLIERS INSTALLATION INSTRUCTIONS SHALL BE OBTAINED FOR CABLE ACCESSORIES. THESE ACCESSORIES SHALL BE IN THE POSSESSION OF THE CRAFTSMAN WHILE INSTALLING THE ACCESSORIES AND SHALL BE AVAILABLE TO THE COMPANY FOR REFERENCE.
3. TERMINAL CONNECTORS FOR CONDUCTORS SMALLER THAN 4 AWG SHALL BE COMPRESSION TYPE CONNECTORS SIZED FOR THE

- CONDUCTOR AND THE TERMINAL. THE CONNECTORS SHALL BE CONSTRUCTED OF FINE GRADE HIGH CONDUCTIVITY COPPER IN ACCORDANCE WITH QQ-C-576 AND SHALL BE TIN-PLATED IN ACCORDANCE WITH MIL-T-10727. THE INTERIOR SURFACE OF THE CONNECTOR WIRE BARREL SHALL BE SERRATED, AND THE EXTERIOR SURFACE OF THE CONNECTOR WIRE BARREL SHALL BE PROVIDED WITH CRIMP GUIDES.
4. TERMINAL CONNECTORS FOR CONDUCTORS 8 AWG AND LARGER SHALL BE PRESSURE OR BOLTED CLAMP TYPE, BURNEDY QUILLING, ANULUS OR ACCEPTABLE EQUAL OR COMPRESSION TYPE, BURNEDY TYPE YAW OR YAL (LONG BARREL), PANDUIT TYPE LCA OR LCC, OR ACCEPTABLE EQUAL. ACCEPTABLE CONNECTORS INCLUDED WITH COMPANY-FURNISHED EQUIPMENT MAY BE USED.
 5. TERMINATION PROVISIONS OF EQUIPMENT FOR CIRCUITS RATED 100 AMPERES OR LESS, OR MARKED FOR NCS, 1/4 THROUGH 1 CONDUCTORS, SHALL BE USED ONLY FOR CONDUCTORS RATED 60 DEG. C (140 DEG. F). CONDUCTORS WITH HIGHER TEMPERATURE RATINGS SHALL BE PERMITTED, PROVIDED THE AMPACITY OF EACH CONDUCTOR IS DETERMINED BASED ON THE 60 DEG. C (140 DEG. F) AMPACITY OF THE CONDUCTOR SIZE USED.
 6. TERMINATION PROVISIONS OF EQUIPMENT FOR CIRCUITS RATED OVER 100 AMPERES, OR MARKED FOR CONDUCTORS LARGER THAN NO. 1, SHALL BE USED ONLY FOR CONDUCTORS RATED 75 DEG. C (167 DEG. F). CONDUCTORS WITH HIGH TEMPERATURE RATINGS SHALL BE PERMITTED, PROVIDED THE AMPACITY OF EACH CONDUCTOR IS DETERMINED BASED ON THE 75 DEG. C (167 DEG. F) AMPACITY OF THE CONDUCTOR SIZE USED.
 7. ALL 600 VOLT OR LESS WIRING, WHERE COMPRESSION TYPE CONNECTORS ARE USED, SHALL BE INSULATED WITH AT LEAST ONE TURN OF "SCOTCHTUFF" 200 AMP ELECTRICAL INSULATING PUTTY AND THEN COVERED WITH TWO HALF TURNS OF TAPE SIMILAR TO 3M COMPANY'S "33 PLUS" (33+) PLASTIC TAPE OR 68 OUTDOOR.
 8. THE ELECTRICAL SERVICE TO THE SITE SHALL BE GROUNDED AT THE OVERHEAD MOUNTING; DISCONNECTING MEANS REQUIRED IN ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE, IN ACCORDANCE WITH ANY LOCAL CODE.
 9. ALL UNDERGROUND (BELOW GRADE) GROUNDING CONNECTIONS SHALL BE MADE BY THE CADDWEL PROCESS (MECHANICAL LUG ATTACHMENTS BELOW GRADE ARE NOT ACCEPTABLE). CONNECTIONS SHALL INCLUDE ALL CABLE TO CABLE SPLICES (TEES, Xs, ETC.). ALL MATERIALS USED (MOLDS, WELDING METAL, TOOLS, ETC.) SHALL BE BY CADDWEL AND INSTALLED PER MANUFACTURERS RECOMMENDATION AND PROCEDURES.

HANGERS AND SUPPORT

1. MATERIALS: ALL HANGERS, SUPPORTS, FASTENERS, AND HARDWARE SHALL BE ZINC COATED OR OF EQUIVALENT CORROSION RESISTANCE BY TREATMENT OR INHERENT PROPERTY, AND SHALL BE MANUFACTURED PRODUCTS DESIGNED FOR THE APPLICATION. PRODUCTS FOR OUTDOOR USE SHALL BE HOT DIP GALVANIZED.
2. TYPES: HANGERS, STRAPS, RISER SUPPORTS, CLAMPS, U-CHANNEL, THREADED RODS, ETC. AS INDICATED OR REQUIRED.
3. INSTALLATION: RIGIDLY SUPPORT AND SECURE ALL MATERIALS, RACEWAY AND EQUIPMENT BUILDING STRUCTURE USING HANGERS, SUPPORTS AND FASTENERS SUITABLE FOR THE USE, MATERIALS AND LOADS ENCOUNTERED. PROVIDE ALL NECESSARY HARDWARE.
4. OVERHEAD MOUNTING: ATTACH OVERHEAD MOUNTED EQUIPMENT TO STRUCTURAL FRAMEWORK OR SUPPORTING METAL FRAMEWORK.
5. WALL MOUNTING: SUPPORT WALL MOUNTED EQUIPMENT BY MASONRY, CONCRETE BLOCK, METAL FRAMING OR SUB-FRAMING.
6. EXTERIOR WALLS: MOUNT ALL EQUIPMENT LOCATED ON THE INTERIOR OF EXTERIOR BUILDING WALLS AT LEAST ONE INCH AWAY FROM WALL SURFACE, USING SUITABLE SPACERS.
7. STRUCTURAL MEMBERS: DO NOT CUT, DRILL OR WELD ANY STRUCTURAL MEMBER EXCEPT SPECIFICALLY APPROVED BY THE ENGINEER.
8. INDEPENDENT SUPPORT: DO NOT SUPPORT MATERIALS OR EQUIPMENT FROM OTHER EQUIPMENT, PIPING, DUCTWORK OR SUPPORTS FOR SAME.
9. RACEWAY SUPPORTS: RIGIDLY SUPPORT ALL RACEWAY WITH MAXIMUM SPACINGS PER NEC, AND SO AS TO PREVENT DISTORTION OF ALIGNMENT DURING PULLING OPERATION. USE APPROVED HANGERS, CLAMPS AND STRAPS FOR INDIVIDUAL RUNS. DO NOT USE PERFORATED STRAPS OR THE WIRE. WHERE MULTIPLE PARALLEL RACEWAYS ARE TO RUN TOGETHER, USE TRAFFIC TYPE HANGER ARRANGEMENT MADE FROM U-CHANNEL AND ACCESSORIES. SUSPENDED FOR FUTURE INSTALLATION OF ADDITIONAL RACEWAYS, RIGIDLY ANCHOR VERTICAL CONDUITS SERVING FLOOR MOUNTED OR "ISLAND" TYPE EQUIPMENT MOUNTED AWAY FROM WALLS WITH METAL BRACKETS OR RIGID STEEL CONDUIT EXTENSION SECURED TO FLOOR.
10. MISCELLANEOUS SUPPORTS: PROVIDE ANY ADDITIONAL STRUCTURAL SUPPORT STEEL BRACKETS, ANGLES, FASTENERS, AND HARDWARE AS REQUIRED TO ADEQUATELY SUPPORT ALL ELECTRICAL MATERIALS AND EQUIPMENT.
11. ONE END OF STRAPS SHALL NOT BE USED FOR CONDUITS LARGER THAN 3/4 INCH.

HOLES, SLEEVES AND OPENINGS

1. GENERAL: PROVIDE ALL HOLES, SLEEVES, AND OPENINGS REQUIRED FOR THE COMPLETION OF WORK AND RESTORE ALL SURFACES DAMAGED TO MATCH SURROUNDING SURFACES. MAINTAIN INTEGRITY OF ALL FIRE AND SMOKE RATED BARRIERS USING APPROVED FIRESTOPPING SYSTEMS. WHEN CUTTING LUGS OR OPENINGS, OR INSTALLING SLEEVES, DO NOT CUT, DAMAGE OR DISTURB STRUCTURAL ELEMENTS OR REINFORCING STEEL UNLESS APPROVED IN WRITING, BY THE PROJECT STRUCTURAL ENGINEER.

2. CONDUIT PENETRATIONS: SIZE CORE DRILLING HOLES SO THAT AN ANNUAL SPACE OF NOT LESS THAN 1/4 INCH AND NOT MORE THAN 1 INCH IS LEFT AROUND THE CONDUIT, PIPE, ETC. WHEN OPENINGS ARE CUT IN LIEU OF CORE DRILLED, PROVIDE SLEEVE IN ROUGH OPENING; SIZE SLEEVES TO PROVIDE AN ANNUAL SPACE OF NOT LESS THAN 1/4 INCH AND NOT MORE THAN 1 INCH AROUND THE CONDUIT, PIPE, ETC. PATCH AROUND THE SLEEVE TO MATCH SURROUNDING SURFACES.

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1701 GOLF ROAD, TOWER 2, SUITE 400,
ROLLING MEADOW, IL 60008



Continuation Sheet

NO.	DATE	DESCRIPTION	DATE	INITIALS
1	06/23/2022	FINAL		
PROJECT TITLE:				

**GREENFIELD
ELMDALE-SC03
LOCATION #: 264612**

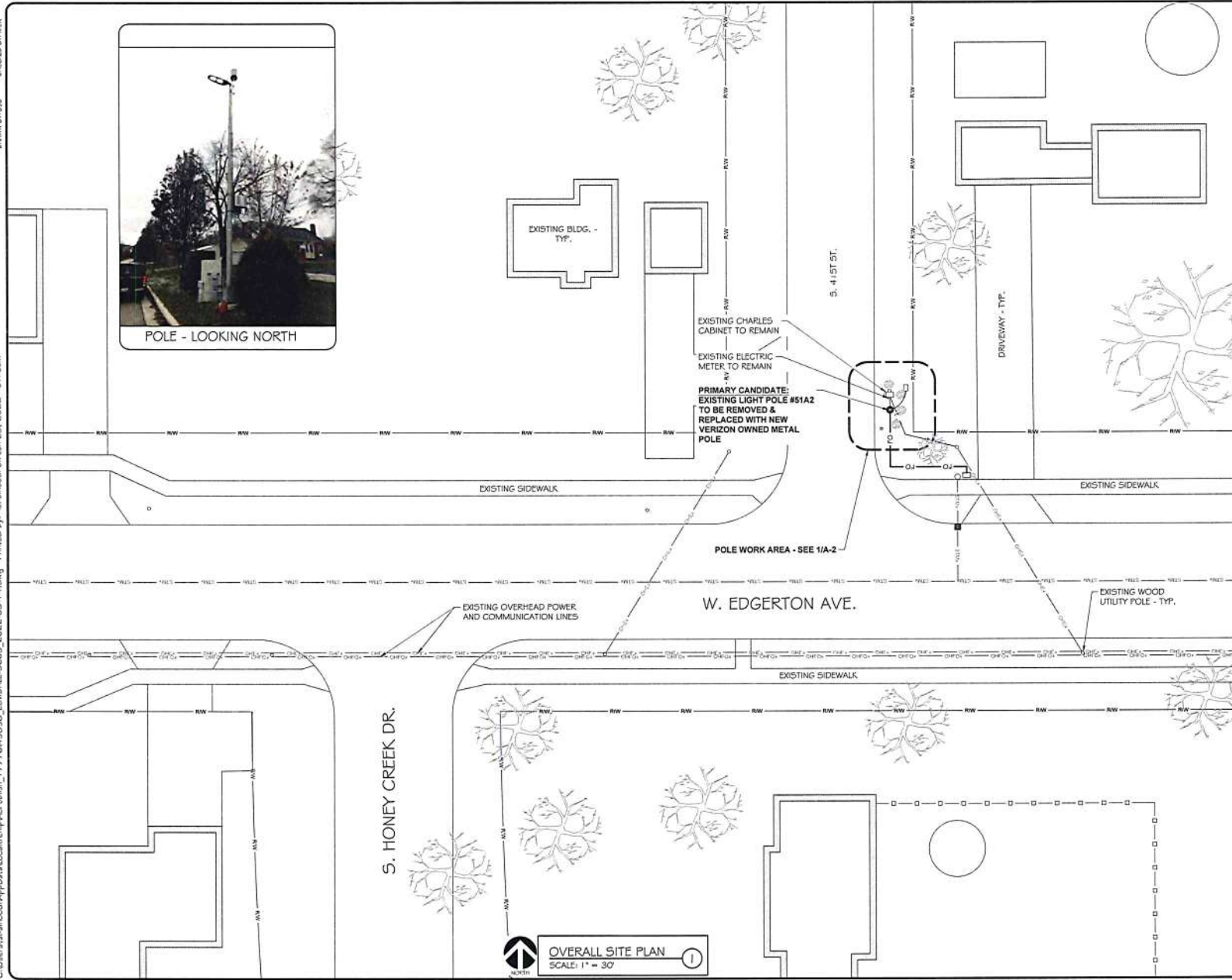
PROJECT LOCATION:
4100 W. EDGERTON AVE.,
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:

GENERAL NOTES

SCALE: NONE

PROJECT NUMBER: 45056
SHEET NUMBER: 5P-1





1701 GOLF ROAD, TOWER 2, SUITE 400,
ROLLING MEADOW, IL 60008



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NO.	DATE	DESCRIPTION	BY	DATE	REVISION
1	06/23/2022	FINAL			

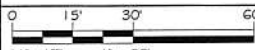
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**GREENFIELD
ELMDALE-SC03
LOCATION #: 264612**

PROJECT LOCATION:
4100 W. EDGERTON AVE.,
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:

OVERALL SITE PLAN

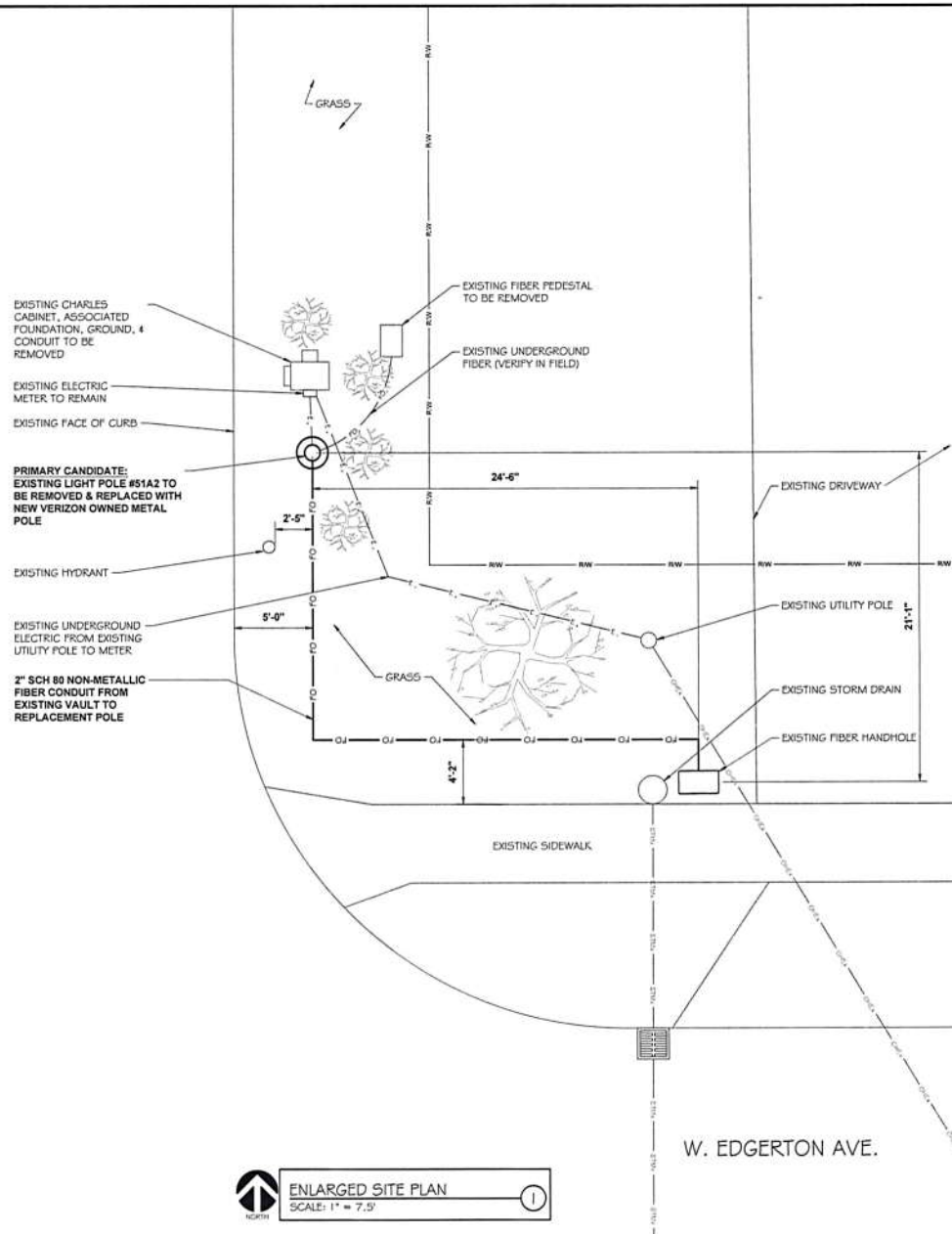


1" = 30'
22" x 34" = 1" = 15'

PROJECT NUMBER: 45056
SHEET NUMBER: A-1



S. 41ST ST.



1701 GOLF ROAD, TOWER 2, SUITE 400,
 ROLLING MEADOW, IL 60008

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Continuation Sheet

MARK	DATE	DESCRIPTION	INITIALS
FILED	FINAL	DATE: 06/23/2022	

PROJECT TITLE:

**GREENFIELD
 ELMdale-SC03
 LOCATION #: 264612**

PROJECT LOCATION:
 4100 W. EDGERTON AVE.
 GREENFIELD, WI 53221
 MILWAUKEE COUNTY

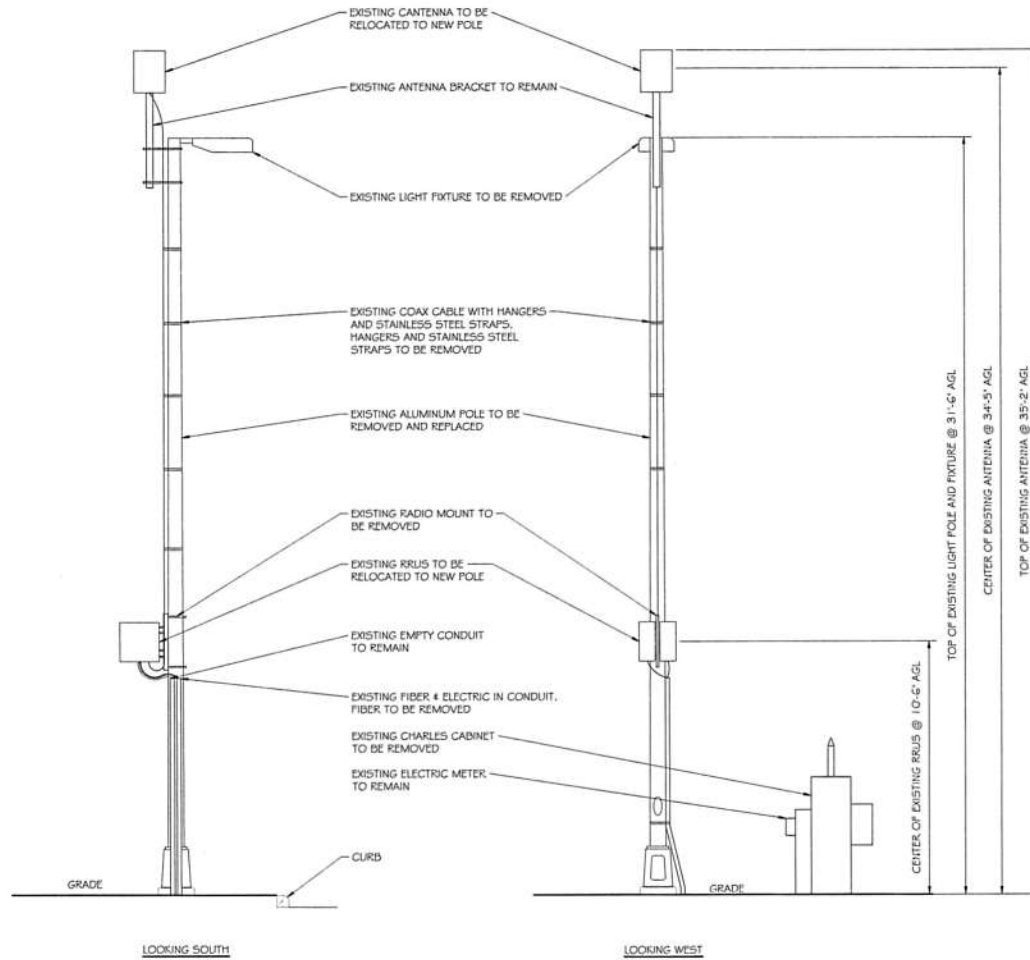
SHEET TITLE:
ENLARGED SITE PLAN

0 3.75' 7.5' 15'

1.1" x 17" - 1" = 7.5'
 22" x 34" - 1" = 3.75'

PROJECT NUMBER: 45058
 SHEET NUMBER: A-2

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NOTE: CONTRACTOR TO RETURN EXISTING POLE
 BREAKAWAY BASE AND LIGHT FIXTURE TO:
 GREENFIELD DPW GARAGE/ YARD,
 4551 S 52ND ST,
 GREENFIELD, WI 53220
 CONTACT: THERESE OR JACOB - (414)761-5377
 ***ACCESS YARD FROM S 1ST ST, JUST NORTH OF
 LAYTON AVENUE, ACROSS FROM ARMOUR AVENUE.

EXISTING POLE ELEVATIONS
 SCALE: 1" = 5'-0"

1

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1701 GOLF ROAD, TOWER 2, SUITE 400,
 ROLLING MEADOW, IL 60008



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Continuation Sheet

MARK	DATE	DESCRIPTION	INITIALS
1	06/23/2022	FINAL	

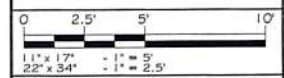
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**GREENFIELD
 ELMDALE-SC03
 LOCATION #: 264612**

PROJECT LOCATION:
 4100 W. EDGERTON AVE.
 GREENFIELD, WI 53221
 MILWAUKEE COUNTY

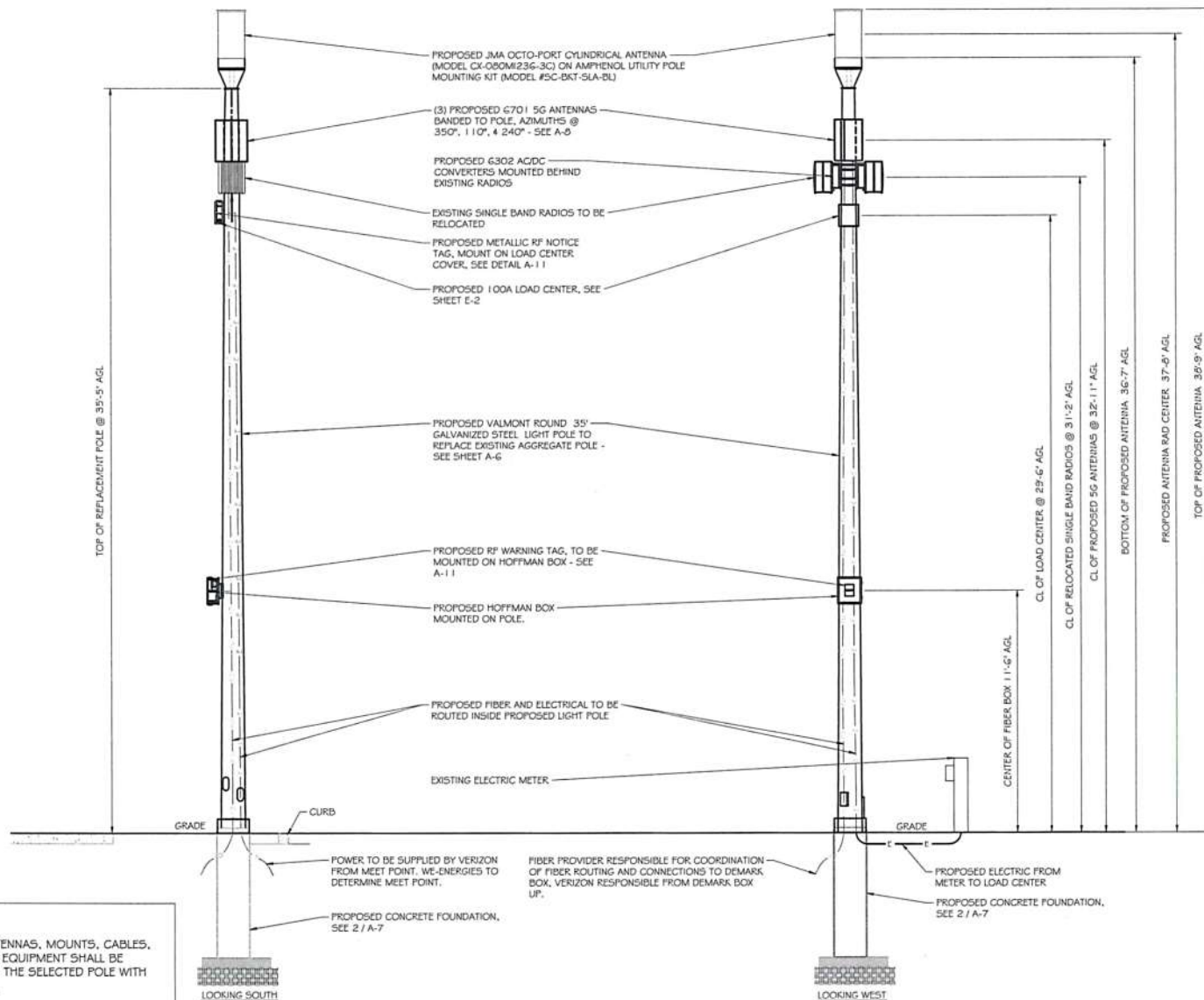
SHEET TITLE:

EXISTING POLE ELEVATIONS



PROJECT NUMBER: 45056

A-3



PAINT NOTE:
 ALL PROPOSED ANTENNAS, MOUNTS, CABLES, RRU's AND RELATED EQUIPMENT SHALL BE PAINTED TO MATCH THE SELECTED POLE WITH RF FRIENDLY PAINT.
PAINT COLOR:
 PANTONE BLACK 426C

PROPOSED POLE ELEVATIONS
 SCALE: 1" = 5'-0" ①

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1701 GOLF ROAD, TOWER 2, SUITE 400,
 ROLLING MEADOW, IL 60008



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Continuation Sheet

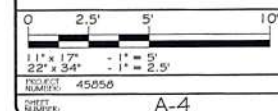
NO.	DATE	DESCRIPTION	INITIALS
1	FINAL		
2	06/23/2022		

PROJECT TITLE:

**GREENFIELD
 ELMDALE-SC03
 LOCATION #: 264612**

PROJECT LOCATION:
 4100 W. EDGERTON AVE.
 GREENFIELD, WI 53221
 MILWAUKEE COUNTY

SHEET TITLE:
PROPOSED POLE ELEVATIONS



Antenna Summary

Added

700	AWS	28 GHz	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity	Item ID
		5G	Ericsson	VZ-SM6701	32.1	32.9	350(0001)	false	false	PHYSICAL	3	
				TB			110(0002)					
				Half			240(0003)					
LTE	LTE		JMA WIRELESS	CX080MI236-3C	37.8	38.9	0(01)	false	false	PHYSICAL	1	CX080MI236-3C

Removed

700	AWS	28 GHz	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity	Item ID
No data available												

Retained

700	AWS	28 GHz	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity	Item ID
No data available												

Added: 4 Removed: 0 Retained: 0

ANTENNA SUMMARY
SCALE: NTS

1

Equipment Summary

Added

Equipment Type	Location	700	AWS	28 GHz	Make	Model	Cable Length	Cable Size	Install Type	Quantity	Item ID
RRU	Tower	LTE			Ericsson	RRUS11 B13			PHYSICAL	1	KRC161456/1
RRU	Tower		LTE		Ericsson	RRUS12 B4			PHYSICAL	1	KRC161326/1
RRU	Tower			5G	Ericsson	SM6701_28 AC			PHYSICAL	3	KRK10101/11

Removed

Equipment Type	Location	700	AWS	28 GHz	Make	Model	Cable Length	Cable Size	Install Type	Quantity	Item ID
No data available											

Retained

Equipment Type	Location	700	AWS	28 GHz	Make	Model	Cable Length	Cable Size	Install Type	Quantity	Item ID
No data available											

EQUIPMENT SUMMARY
SCALE: NTS

1

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1701 GOLF ROAD, TOWER 2, SUITE 400,
ROLLING MEADOW, IL 60008



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Continuation Sheet

MARK: DATE: DESCRIPTION: INITIAL:
DATE: FINAL: DATE: 06/23/2022

PROJECT TITLE:

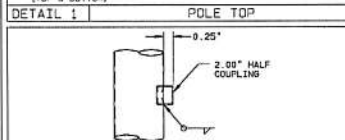
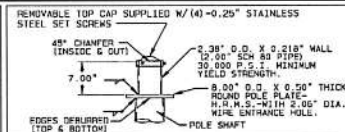
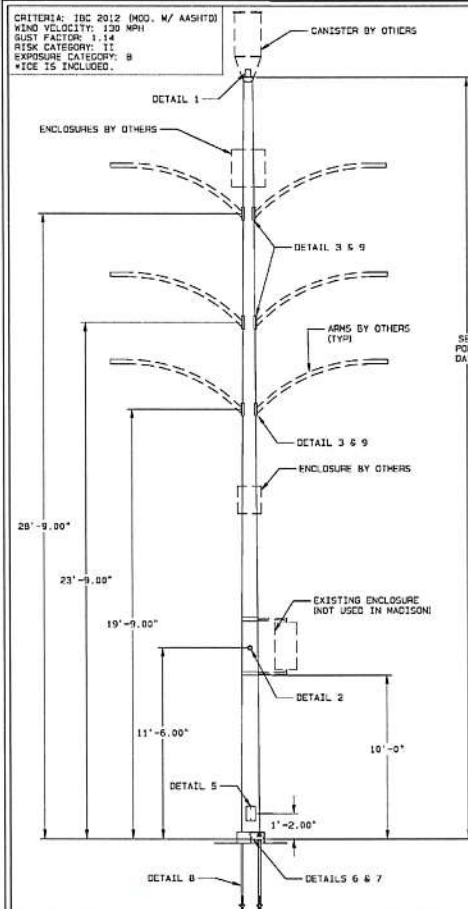
**GREENFIELD
ELMDALE-SC03
LOCATION #: 264612**

PROJECT LOCATION:
4100 W. EDGERTON AVE.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

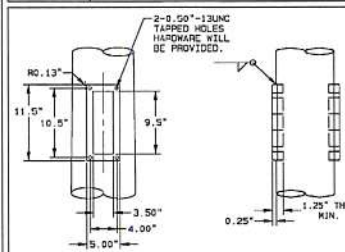
SHEET TITLE:
**ANTENNA & EQUIPMENT
SUMMARY**

SCALE: NONE

PROJECT NUMBER: 45050
SHEET NUMBER: A-5



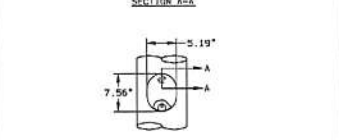
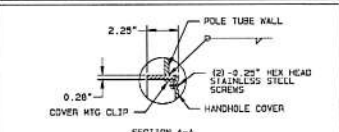
DETAIL 2	2.00" POLE COUPLING
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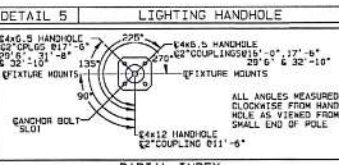
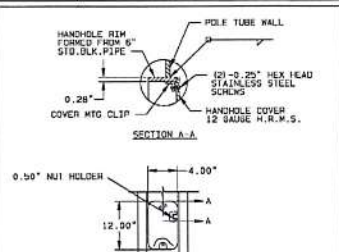
SEE DETAIL 9 COVER PLATES/DRILLINGS/SIMPLEXES
ON PAGE 3 OF 3

DETAIL 3	MOUNTING FLANGE	
MATERIAL DATA		
COMPONENT	ASTM DESIGNATION	MIN. YIELD (KST)
TAPERED TUBES	A575 (B1 A OR A572	55
POLY. BASE	A36	35
BRACKET PLATE	A36	35
ANCHOR BOLTS	F1554 GR 105	105
HARDWARE COATING	HOT DIP ZINC	
MOUNTING PLATES	A36	35

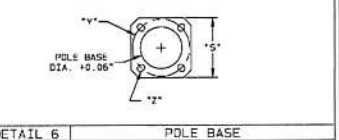
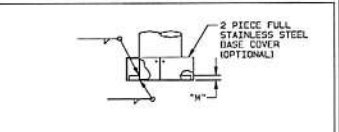
FINISH NOTES: SEE PAGE 2 OF 3



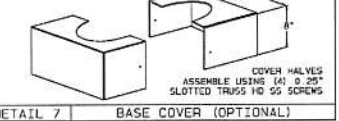
DETAIL 4	ELECTRICAL/COMM. HANDHOLE
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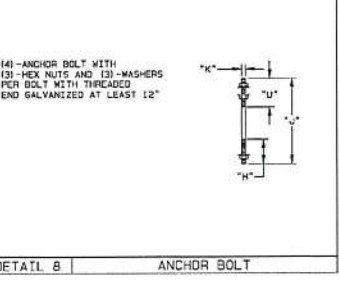


RADIAL INDEX



18" SQ.
WITH ASSORTED COI





				SID
				SMT
				P. C.
				AGE
REV	DLE 09/08/21	DLE 09/08/21		
	DRAWN BY-DATE	CHECK BY-DATE	DESCRIPTION	

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Valmont  Mulley, NE 68564 (402) 359-2201	ORDER NUMBER: 529127P1	
	PAGE NUMBER: 1 OF 3	
	DRAWING NUMBER: WI529127P1	REV



1701 GOLF ROAD, TOWER 2, SUITE 400,
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Certification & Seal

MARK	DATE	DESCRIPTION	INITIALS
FOUR			
PHASE	FINAL		
PROJECT	TITLE	DATE	06/23/2022

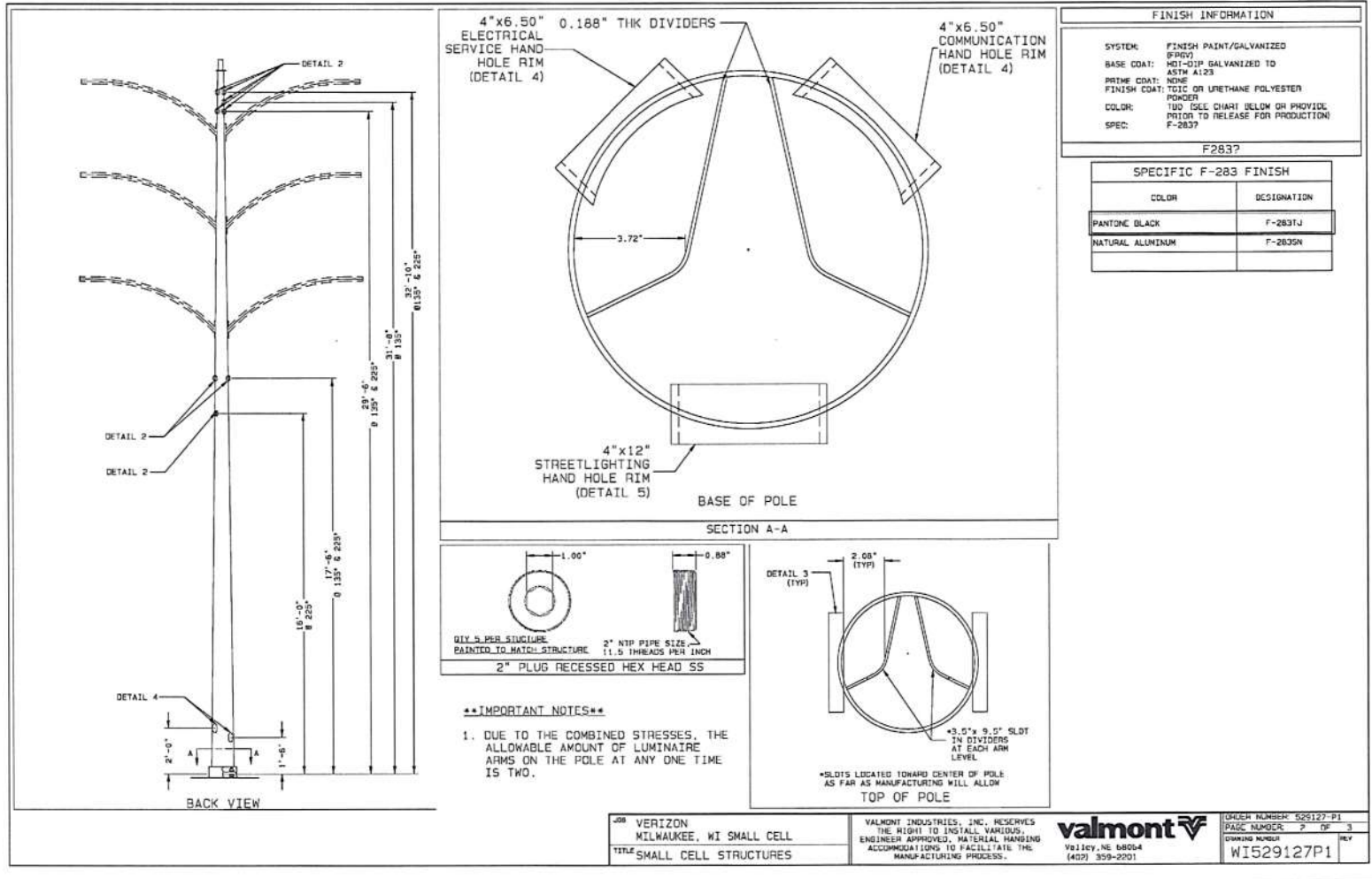
**GREENFIELD
ELMDALE-SC03
LOCATION #: 264612**

PROJECT LOCATION:
4100 W. EDGERTON AVE.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

POLE SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER:	45858
SHEET NUMBER:	A-6A



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MARK	DATE	DESCRIPTION	INITIALS
FINAL	06/23/2022		

PROJECT TITLE:

**GREENFIELD
ELMDALE-SC03
LOCATION #: 264612**

PROJECT LOCATION:

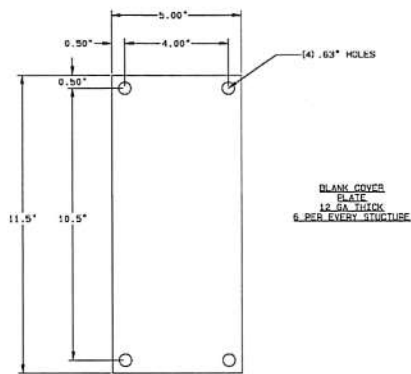
4100 W. EDGERTON AVE.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:

POLE SPECIFICATIONS

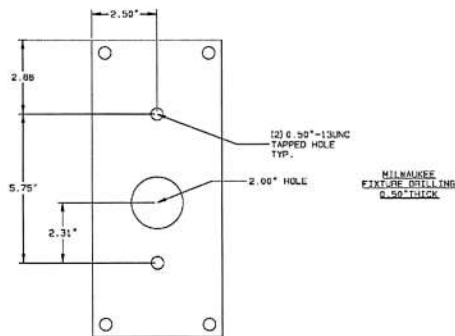
SCALE: NONE

PROJECT NUMBER: 45050
SHEET NUMBER: A-6B



BLANK COVER
 PLATE
 12 GA THICK
 6 PER EVERY STRUCTURE

COVER PLATE - QTY 6 PER EVERY STRUCTURE



OPTION A - MILWAUKEE ARM MOUNT

DETAIL - 9

JOB VERIZON
 MILWAUKEE, WI SMALL CELL
 TITLE SMALL CELL STRUCTURES

VALMONT INDUSTRIES, INC. RESERVES
 THE RIGHT TO INSTALL VARIOUS
 ENGINEER APPROVED MATERIAL HANGING
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 MANUFACTURING PROCESS.

valmont
 VALMONT INDUSTRIES, INC. 60054
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UNIQUE NUMBER: 529127-P1
 PAGE NUMBER: 3 OF 3
 DRAWING NUMBER: WI529127P1
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verizon

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PROJECT LOCATION:
 4100 W. EDGERTON AVE.
 GREENFIELD, WI 53221
 MILWAUKEE COUNTY

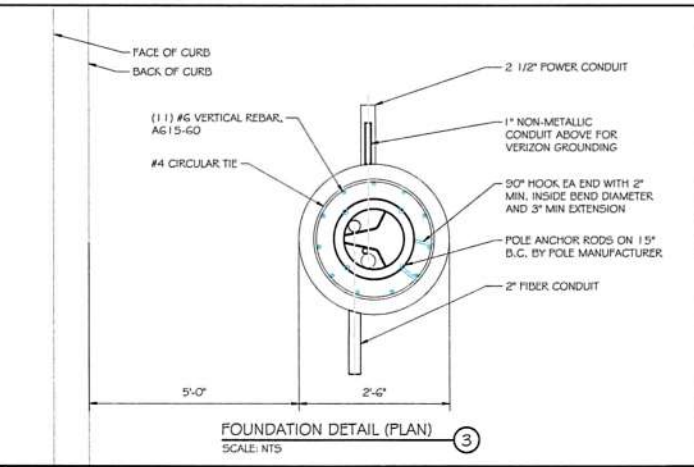
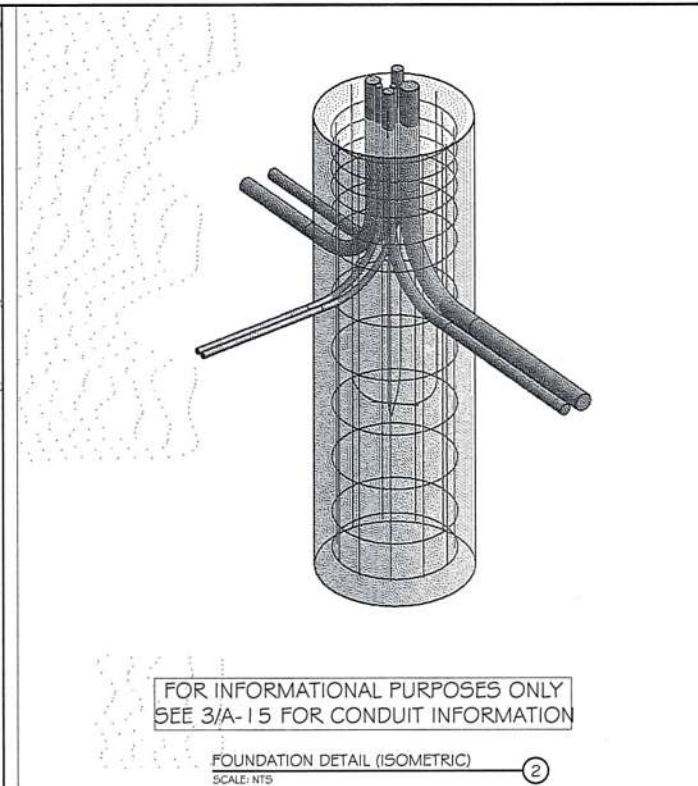
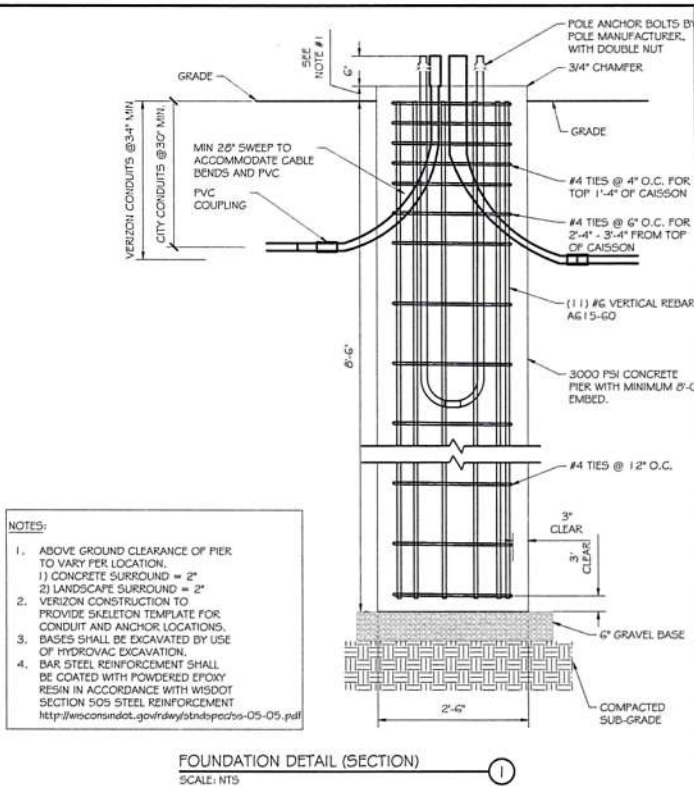
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SHEET TITLE:
 POLE SPECIFICATIONS

SCALE: NONE

INDEXED NUMBER: 45856

SHEET NUMBER: A-6C





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PROJECT LOCATION:			
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SHEET TITLE:			
FOUNDATION DESIGN			
SCALE: NONE			
PROJECT NUMBER:	45058		
SHEET NUMBER:	A-7		



StreetMacro 6701

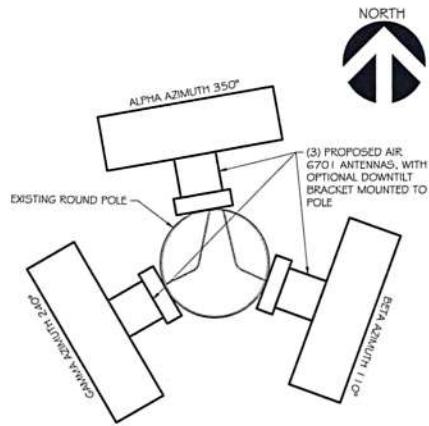
Spectrum:	28 GHz-B257 / 39 GHz-B260
IBW	Full Band
OBW	Up to 800 MHz
EIRP	55 dBm
#Antenna Elements	
Antenna	H: +/- 60°, V: +/- 15°
Total Antenna BW:	Up to 1600 MHz (800MHz 2x2)
Throughput:	5 Gbps DL / 1 Gbps UL
Size and Weight:	

SM 6701 – 28 or 39 GHz	Height	Width	Depth	Weight
w/o protruding items	20.2 in (511 mm)	7.9 in (200 mm)	5 in (125 mm)	~31 lbs (~14 Kg)
w protruding items incl GPS Ant	21.2 in (538 mm)	8.1 in (204 mm)	5.1 in (130 mm)	

# RJ ports:	2
TN/10L ports:	2
TN I/F:	F1 or (e)S1
Power Input	28/39 GHz AC: 100-250V, 28 GHz DC: -48V
Operational conditions:	-40° to +55°C, IP 65
Cooling:	Active, Sound Pressure: TBD
Power:	-400W Max
Misc:	4 External Alarms, USB connector PoE, GPS (optional), 1588 Sync

SM6701 STREET MACRO ANTENNA SPECIFICATIONS

SCALE: NTS



ANTENNA MOUNTING DETAIL
SCALE: NTS



OR APPROVED EQUAL
WIDTH = 3/4"

PART NUMBER	DESCRIPTION	WIDTH & THICKNESS (UNCOATED)	CUT LENGTH (FEET)	WEIGHT (LBS.)
GR-C204-P100	BAND, 200-300SS, COATED RED	.500 (.030)	50	2.89
GR-C204-P200	BAND, 200-300SS, COATED ORANGE	.500 (.030)	50	2.89
GR-C204-P300	BAND, 200-300SS, COATED YELLOW	.500 (.030)	50	2.89
GR-C204-P400	BAND, 200-300SS, COATED GREEN	.500 (.030)	50	2.89
GR-C204-P500	BAND, 200-300SS, COATED BLUE	.500 (.030)	50	2.89
GR-C204-P900	BAND, 200-300SS, COATED BLACK	.500 (.030)	50	2.89
GR-C206-P900	BAND, 200-300SS, COATED BLACK	.750 (.030)	50	4.14

STAINLESS STEEL BAND

SCALE: NTS

3.3 Installation Alternatives

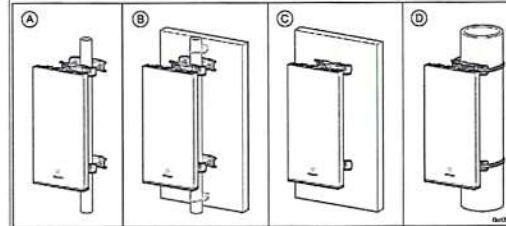


Figure 3 Installation Method Alternatives

Table 5 Key to Installation Alternatives

Installation Method	Description
A	Pole installation (pole with circular, square, or 90° angle cross section)
B	Wall installation with pole (pole with circular, square, or 90° angle cross section)
C	Wall installation
D	Utility pole installation ⁽¹⁾⁽²⁾

(1) Steel bands for utility pole installations must be supplied locally.

(2) The strength and size of the steel bands used must be based on local requirements and environmental factors.



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MILWAUKEE COUNTY

SHEET TITLE:

ANTENNA & MOUNTING DETAILS

SCALE: NONE

PROJECT	45858
---------	-------

SHUTT
SUMMER

A-8A

Product Specifications

Steel Pole Mounting System SC-BKT-SLA-XX



Small Cell solutions

JMA Wireless's proven mounting solutions are ideal complements to all infrastructure upgrades or retrofit projects. Our standard systems integrate with any antenna and radio configurations, effortlessly blend into urban/suburban environments, and withstand harsh weather conditions. This platform accommodates multiple shapes, sizes, and weights, providing flexibility for future hardware needs. The product portfolio includes ultra-RF transparent, maintenance-free coverings, high-strength steel mounting brackets, and light-weight, durable carbon fiber poles.



JMA Wireless antenna
 (sold separately)

Universal pole bracket
 (options for 2 3/8" or 2 7/8")

General specifications

- All-steel construction, rated for high wind zones
- Penetrating or clamping side-arm attachments
- Universal platform for all hardware options
- Optional color-matching shroud available (see below)
- Hollow core for concealing cables or diplexers
- Color-coordinated wireway systems available
- Adjustable bracing for varying pole diameters
- Modular configurations blend into any environment

Ordering information

Part number, 2 3/8" Pipe solutions	Description
SC-BKT-SLA-BR	Universal antenna sleeve - brown
SC-BKT-SLA-GR	Universal antenna sleeve - gray
SC-BKT-SLA-BL	Universal antenna sleeve - black
SC-BKT-SLA-SL	Universal antenna sleeve - silver
Part number, 2 7/8" Pipe solutions	Description
SC-BKT-SL-BR	Universal antenna sleeve for 2 7/8" pipe - brown
SC-BKT-SL-SL	Universal antenna sleeve for 2 7/8" pipe - silver
Optional shrouds, CX series antenna sleeves (sold separately)	Description
SC-BKT-SHRCX-BR	Cable concealment shroud, CX series - brown
SC-BKT-SHRCX-GR	Cable concealment shroud, CX series - gray
SC-BKT-SHRCX-BL	Cable concealment shroud, CX series - black
SC-BKT-SHRCX-SL	Cable concealment shroud, CX series - silver

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SC-BKT-SLA-XX
 Page 1

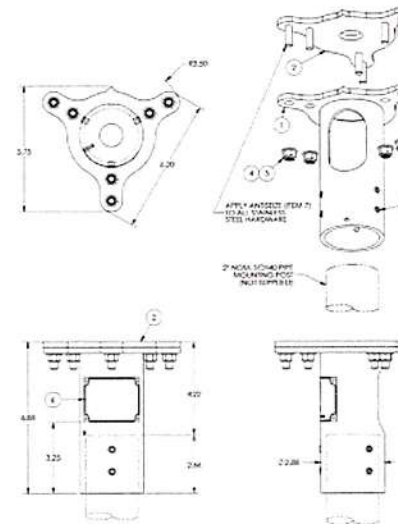
Product Specifications

Steel Pole Mounting System SC-BKT-SLA-XX



Mechanical Drawings: SC-BKT-SLA, Universal Antenna Sleeve

Item no.	Qty	Description
1	1	UNIVERSAL ANTENNA SLEEVE WELDMENT
2	1	SINGLE BOLT ADAPTER PLATE
3	6	SET SCREW, 5/16"-18UNC. CUP POINT, 5/16" LG. 18-8 SS
4	6	WASHER, FLAT, 5/16" 18-8 SS
5	6	NUT, NYLOCK, 5/16"-18UNC, 18-8 SS
6	1	NAMEPLATE, LABEL, ADHESIVE-BACKED
7	1	CORROSION-RESISTANT ANTI-SEIZE LUBRICANT 0.14 oz



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SC-BKT-SLA-XX
 Page 2

STEEL POLE MOUNTING SPECIFICATIONS
 SCALE: NTS

1



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PROJECT LOCATION:
 4100 W. EDGERTON AVE.
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 MILWAUKEE COUNTY

SHEET TITLE:
 MOUNTING SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER: 45050

SHEET NUMBER: A-8B

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Technical Data	PSU AC 01	PSU AC 02	PSU AC 03	PSU AC 08	PSU AC 09	PSU 14 01	PSU 48 02
Maximum power dissipation (W)	200	70	175	80	50	200	35
Temperature range (°C)	Range	-40 to +70	-40 to +55	-40 to +70	-40 to +55	-40 to +70	-40 to +55
	Limited performance (cold start-up)	-40 to +10	-40 to +32	-40 to +33	-	-40 to +10	-40 to +32
	Limited performance (power derating)	+55 to +70	N/A	+55 to +70	N/A	+55 to +70	N/A
Input Characteristics	Nominal input voltage	100-250 V AC	100-250 V AC	100-250 V AC	100-250 V AC	27.2 V DC	+54.5 V DC
	Rated operating voltage range	85-275 V AC	90-275 V AC	85-275 V AC	85-275 V AC	19.5 to +35.0 V DC	+38.0 to 56.5 V DC
	External input fuse	10 A/phase at 1,200 W (1) 16 A/phase at 1,800 W (2)	For 700 W output 12 A at 100 V AC 6 A at 200 V AC	10 A/phase at 8 A input current (1) 12.5 A 125 A/2 x 750 V/phase at 10 A input current (2) 15 or 16 A/phase at 12.5 A input current (3) 20 A/phase or 16 A Hydraulic magnetic circuit breaker at 12 A input current (4)	For 1000 W output power (1) 16 A at 100 V AC	20 A for 1,200 W (1) 125 A for 1,800 W (2)	For 700 W output power (1) Min 25 A Max 80 A
	Input current rating	9 A at 1,200 W 14 A at 1,800 W	9 A at 100 V AC 4.2 A at 200 V AC	6, 10, 12.5, and 15 A 13 A at 100 V AC 6.5 A at 200 V AC (4)	11 A at 100 V AC	80 A at 1,200 W 100 A at 1,800 W	6.20 A
Output Characteristics	Default output voltage	-54.5 V DC	-54.5 V DC	-54.5 V DC	-54.5 V DC	-54.5 V DC	-54.5 V DC
	Voltage range	-42.0 to -56.5 V DC	-54.0 to -55.0 V DC	-42.0 to -56.5 V DC	-54.0 to -55.0 V DC	-42.0 to -56.5 V DC	-54.0 to -55.0 V DC
	Output power	1,200 or 1,800 W	700 W	See Table 1, 1,000 W	1,000 W	1,200 or 1,800 W	700 W
Dimensions	Height	43 mm	68 mm	43 mm	69 mm	43 mm	68 mm
	Width	145 mm	330 mm	145 mm	274 mm	145 mm	330 mm
	Depth	225 mm	179 mm	225 mm	180 mm	225 mm	179 mm
	Weight	< 2.2 kg	3.2 kg	< 2.2 kg	3.2 kg	< 2.2 kg	3.2 kg



PSU AC 02 AND PSU AC 08 SPECS
 SCALE: NTS

1

verizon

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DATE: 06/23/2022
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**GREENFIELD
 ELMDALE-SC03
 LOCATION #: 264612**

PROJECT LOCATION:
 4100 W. EDGERTON AVE.
 GREENFIELD, WI 53221
 MILWAUKEE COUNTY

SHEET TITLE:
**EQUIPMENT & MOUNTING
 DETAILS**

SCALE: NONE

PROJECT NUMBER: 45858
 SHEET NUMBER:

A-9

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- NOTES:**
1. SEE RF COMPLIANCE SIGNAGE DEMARCATION FOR REQUIRED SIGNAGE FOR THIS SITE.
 2. THE READABLE TEMPLATE IS DESIGNED TO SMALLEST POSSIBLE SIZE. THE MINIMUM LETTER HEIGHT INCHES FOR MESSAGE TEXT .20" MINIMUM LETTER HEIGHT INCHES FOR SIGNAL TEXT .44"
 3. ALL RF NOTICE TAGS TO BE MOUNTED ON STREET SIDE OF POLE, LEGIBLE AND READILY VIEWABLE AT A MINIMUM DISTANCE OF FIVE FT. (1.52M).
 - 3.1. THE EXAMPLES ARE PROVIDED FOR THE ALERT VERBIAGE TEXT.
 - 3.2. THESE SPECIAL SIGNS CAN USE THE 6" X 7.5"
 - 3.3. TEMPLATE (HORIZONTAL OR VERTICAL) VERTICAL TEMPLATE PROVIDES AREA FOR ARROWS ON SIDES OF RF ENERGY ADVISORY SYMBOL.

RF Signage Vendors (Where to Buy)

The following chart includes website address where signage can be purchased; it is not an all-inclusive list. Signage can be bought anywhere as long as the signage is: weatherproof; the requirements above are met; and the signage matches the templates.

Vendor	Website
RSI	https://www.rsicorp.com/signage
Radhaz	http://www.radhaz.com/store.php/verizon-signs
Waterford	http://www.waterfordconsultants.com/

RF WARNING TAG DETAILS ①
SCALE: NTS

verizon

1701 GOLF ROAD, TOWER 2, SUITE 400,
ROLLING MEADOW, IL 60008



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Contractor's Seal

MARK	DATE	DESCRIPTION	INITIALS
FINAL	06/23/2022		

PROJECT TITLE:

**GREENFIELD
ELMDALE-SC03
LOCATION #: 264612**

PROJECT LOCATION:
4100 W. EDGERTON AVE.,
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:
RF NOTICE TAG DETAIL

SCALE: NONE

PROJECT NUMBER: 45056
SHEET NUMBER: A-11

GENERAL ELECTRICAL NOTES

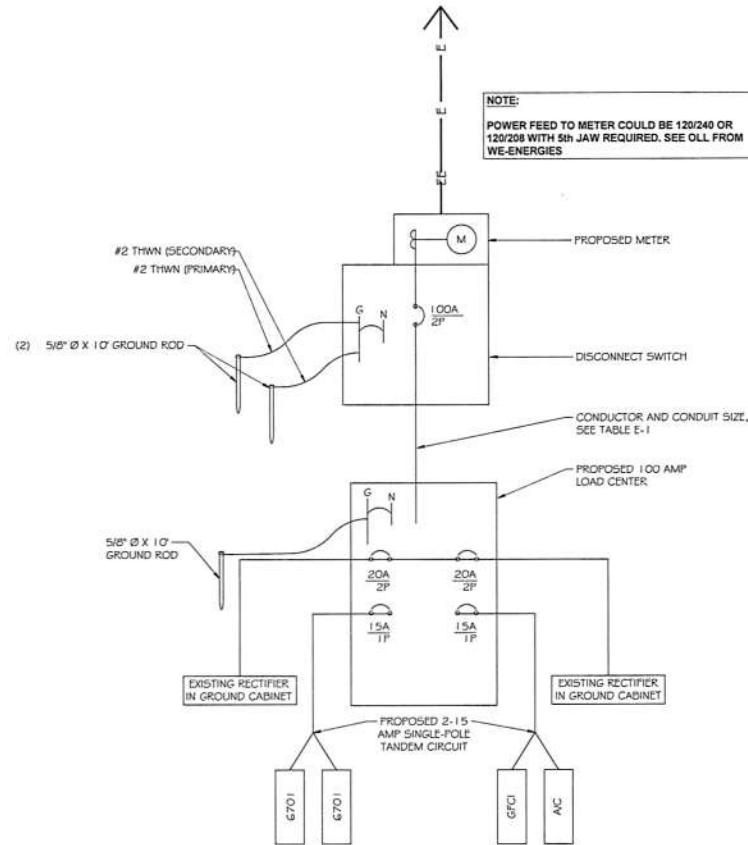
1. SUBMITTAL OF BID INDICATED CONTRACTOR IS AWARE OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT.
2. CONTRACTOR SHALL PERFORM ALL VERIFICATION OBSERVATION TESTS, AND EXAMINE WORK PRIOR TO THE ORDERING OF THE ELECTRICAL EQUIPMENT AND THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDING TO THE ARCHITECT LISTING ALL MALFUNCTIONS, FAULTY EQUIPMENT AND DISCREPANCIES.
3. HEIGHTS SHALL BE VERIFIED WITH OWNER PRIOR TO INSTALLATION.
4. THESE PLANS ARE DIAGRAMMATIC ONLY. FOLLOW AS CLOSELY AS POSSIBLE.
5. EACH CONDUCTOR OF EVERY SYSTEM SHALL BE PERMANENTLY TAGGED IN EACH PANEL BOARD, PULLBOX, J-BOX, SWITCH BOX, ETC. IN COMPLIANCE WITH OCCUPATIONAL SAFETY AND HEALTH ACT (O.S.H.A.).
6. CONTRACTOR SHALL PROVIDE LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSPORTATION, ETC., FOR A COMPLETE AND PROPERLY OPERATIVE SYSTEM ENERGIZED THROUGHOUT AND AS INDICATED ON DRAWINGS, AS SPECIFIED HEREIN AND/OR AS OTHERWISE REQUIRED.
7. ALL MATERIAL 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. MATERIALS SHALL BE LISTED AND APPROVED BY THE UNDERWRITERS LABORATORY AND SHALL BEAR THE INSPECTION LABEL "P" WHERE SUBJECT TO SUCH APPROVAL. MATERIALS SHALL MEET WITH APPROVAL OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL GOVERNING BODIES HAVING JURISDICTION. MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA, AND NFPA.
8. CONTRACTOR SHALL CARRY OUT HIS WORK IN ACCORDANCE WITH ALL GOVERNING STATE, COUNTY AND LOCAL CODES AND O.S.H.A.
9. CONTRACTOR SHALL SECURE ALL NECESSARY BUILDING PERMITS.
10. COMPLETE JOB SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF JOB ACCEPTANCE BY OWNER. ANY WORK, MATERIAL OR EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD SHALL BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AT THE EXPENSE OF THE CONTRACTOR.
11. ALL CONDUIT ONLY (C.O.) SHALL HAVE A FULL WIRE OR ROPE.
12. PROVIDE CONSTRUCTION ENGINEER WITH ONE SET OF COMPLETE ELECTRICAL "AS INSTALLED" DRAWINGS AT THE COMPLETION OF THE JOB, SHOWING ACTUAL DIMENSIONS, ROUTINGS, AND CIRCUITS.
13. ALL BROCHURES, OPERATING MANUALS, CATALOGS, SHOP DRAWINGS, ETC. SHALL BE TURNED OVER TO THE OWNER AT JOB COMPLETION.
14. USE T-TAP CONNECTIONS ON ALL MULTI-CIRCUITS WITH COMMON NEUTRAL CONDUCTOR.
15. ALL CONDUCTORS SHALL BE COPPER.
16. ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING RATING NOT LESS THE MAXIMUM SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECTED, AND A MINIMUM OF 10,000 A.I.C.
17. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY ALL APPLICABLE CODES AND DRAWINGS.
18. RECEPTACLES SHALL BE 20 AMPERE, 125 VOLT A.C., WHITE AS REQUIRED BY THE ARCHITECT OR APPROVED EQUAL.
19. WIRE AND CABLE CONDUCTORS SHALL BE COPPER #12 AWG MINIMUM. NO BX OR ROMEX CABLE IS PERMITTED UNLESS SPECIFICALLY NOTED OTHERWISE ON DRAWINGS.
20. GROUND RODS SHALL BE AS SPECIFIED ON THE GROUNDING DRAWINGS.
21. METER SOCKET AMPERES, VOLTAGE, NUMBER OF PHASES SHALL BE AS NOTED ON THE DRAWINGS. MANUFACTURED BY MILBANK COMPANY OR APPROVED EQUAL.
22. ALL MATERIALS SHALL BE U.L. LISTED.
23. CONDUIT:
A. SERVICE CONDUITS SHALL BE GRAY SHC-60 PVC BURIED MIN. 36". BENDS SHALL BE MADE USING "WIDE SWEEP" (12" MIN. RADIUS) ELBOW FITTINGS. ANY CODE-REQUIRED RIGID STEEL CONDUIT SHALL BE U.L. LABEL, GALVANIZED INSIDE AND OUTSIDE. CONDUIT SHALL EXTEND MIN. 36" BELOW GRADE, WITH "WIDE SWEEP" ELBOWS (12" MIN. RADIUS) IN PVC TRANSITION FITTINGS. RIGID CONDUIT IN CONTACT WITH EARTH SHALL BE 1/2 LAP-WRAPPED WITH HUNTS PROCESS NO. 3 EXTENDING MIN. 12" ABOVE GRADE.
B. INTERIOR CONDUITS SHALL BE ELECTRICAL METALLIC TUBING HAVING U.L. LABEL. FITTINGS SHALL BE GLAND RING COMPRESSION TYPE.
C. FLEXIBLE METALLIC CONDUIT SHALL HAVE U.L. LISTED LABEL AND MAY BE USED WHERE PERMITTED BY CODE. FITTINGS SHALL BE "JAKE" OR "SQUEEZE" TYPE, SEAL TIGHT FLEXIBLE CONDUIT. NO SUCH CONDUIT SHALL EXCEED SIX FEET IN LENGTH.
24. ALL ELECTRICAL EQUIPMENT SHALL BE LABELED WITH PERMANENT ENGRAVED PLASTIC LABELS.
25. PATCH, REPAIR, AND PAINT ANY AREA THAT HAS BEEN DAMAGED IN THE COURSE OF THE ELECTRICAL WORK.
26. UPON COMPLETION OF WORK, CONDUCT CONTINUITY, SHORT CIRCUIT, AND FALL POTENTIAL GROUNDING TESTS FOR APPROVAL. SUBMIT TEST REPORTS TO CONSTRUCTION ENGINEER. CLEAN PREMISES OF ALL DEBRIS RESULTING FROM WORK AND LEAVE WORK IN A COMPLETE AND UNDAMAGED CONDITION.
27. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR CONNECTION OF BOTH TEMPORARY AND PERMANENT POWER TO THE SITE. THE TEMPORARY POWER AND ALL "HOOKUP" COSTS TO BE PAID BY CONTRACTOR.
28. CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS AS NECESSARY TO COMPLETE THE INSTALLATION OF ANY TOWER LIGHTING SYSTEM DESCRIBED IN THE RFQ.

240 VOLT / 100 AMP VOLTAGE DROP	
Distance (feet)	Conductor Size (THWN copper)
0-240	#2
241-300	#1
301-380	1/0
381-480	2/0
481-600	3/0
601-760	4/0
761-900	250 kcmil
901-1100	300 kcmil
1101-1250	350 kcmil
1251-1450	400 kcmil
1451-1800	500 kcmil
1801-2200	600 kcmil

- Maximum Service Load = 80 amps
- Maximum Voltage Drop = 3%

240 VOLT / 1Ø / 100 AMP VOLTAGE DROP	
Distance (feet)	Conductor Size (THWN aluminum)
0-250	1/0
251-320	2/0
321-410	3/0
411-520	4/0
521-610	250 kcmil
611-730	300 kcmil
731-850	350 kcmil
851-970	400 kcmil
971-1220	500 kcmil
1221-1460	600 kcmil

- Maximum Service Load = 80 amps
- Maximum Voltage Drop = 3%



SINGLE LINE DIAGRAM
SCALE: NTS



1701 GOLF ROAD, TOWER 2, SUITE 400,
ROLLING MEADOW, IL 60008



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Continuation of Sheet

MARK: DATE: DESCRIPTION: (INITIALS)
DATE: FINAL DATE: 06/23/2022

PROJECT TITLE:

**GREENFIELD
ELMDALE-SC03
LOCATION #: 264612**

PROJECT LOCATION:
4100 W. EDGERTON AVE.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:
ELECTRICAL DETAILS

SCALE: NONE

PROJECT NUMBER: 45058

SHEET NUMBER: E-1

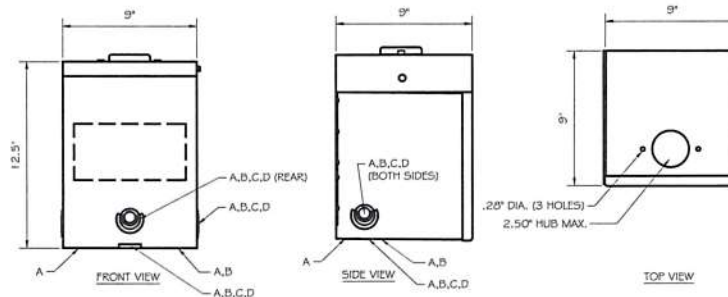
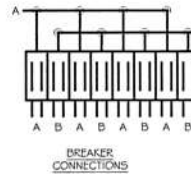
LOAD CENTER SPECIFICATIONS						
SQUARE-D CATALOG #	MAXIMUM SYSTEM VOLTAGE	MAINS AMPERE RATING	SPACES	MAXIMUM NUMBER OF SINGLE POLE CIRCUITS	MAIN WIRE SIZE AWG/AUGU	
Q0916L100B1CU	120 / 240	100	8	16	#8-#11	

100 AMP - 67 1/2" MAIN LUG LOAD CENTER				BOND SCREW	
MAIN LUGS NOT USED (A4 B)		LOAD NEUTRAL(S)		SERVICE BOND #2 TO NEUTRAL BUS	
D				N NEUTRAL	

A	B	A	B	A	B	A	B	D	A
SERVICE MAIN DISCONNECT GOA A0260		5G ANTENNA 15A A0115A		5G ANTENNA 15A A0115A		5G ANTENNA 15A A0115A		SPARE	
D	D	D	D	D	D	D	D	D	D

PS2M6	LOAD GROUNDS
LINE 1	LINE 2

KNOCKOUTS				
SYMBOL	A	B	C	D
INCHES	.5	.75	1.0	1.25
MM	.5	.5	.5	.5



LOAD CENTER DETAIL
 SCALE: NTS



1701 GOLF ROAD, TOWER 2, SUITE 400,
 ROLLING MEADOW, IL 60008



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Continued on Sheet

MM/YY	DATE	DESCRIPTION	INITIALS
06/23/2022	FINAL	DATE	06/23/2022

**GREENFIELD
 ELMDALE-SC03
 LOCATION #: 264612**

PROJECT LOCATION:
 4100 W. EDGERTON AVE.
 GREENFIELD, WI 53221
 MILWAUKEE COUNTY

SHEET TITLE:
ELECTRICAL DETAILS

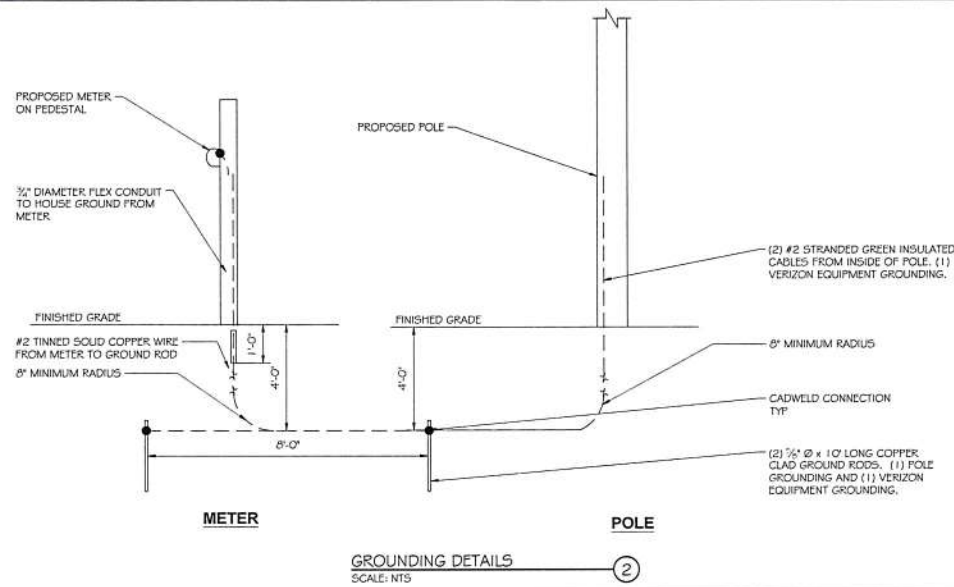
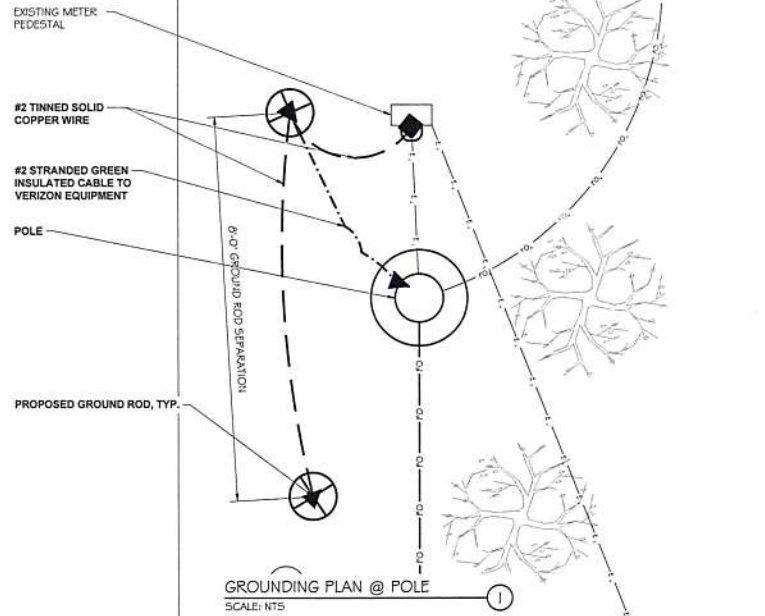
SCALE: NONE

PROJECT NUMBER: 45058
 SHEET NUMBER: E-2

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GROUNDING SCHEDULE	
---	#2 TINNED SOLID COPPER WIRE
- - -	#2 STRANDED GREEN INSULATED CABLE
■	MECHANICAL CONNECTION
▲	EXOTHERMIC CONNECTION
⊗	GROUND ROD

- NOTES:
1. CONCRETE / ASPHALT DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED TO EXISTING GRADE AND CONDITION.
 2. GROUND METER PER MANUFACTURERS SPECIFICATIONS



verizon

1701 GOLF ROAD, TOWER 2, SUITE 400,
 ROLLING MEADOW, IL 60008



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Continuation of Sheet

MARK	DATE	DESCRIPTION	DATE	INITIALS
FINAL	06/23/2022			

PROJECT TITLE:

**GREENFIELD
 ELMDALE-SC03
 LOCATION #: 264612**

PROJECT LOCATION:
 4100 W. EDGERTON AVE,
 GREENFIELD, WI 53221
 MILWAUKEE COUNTY

SHEET TITLE:
GROUNDING DETAILS

SCALE: NONE

PROJECT NUMBER: 45858
 SHEET NUMBER: G-1

GENERAL NOTES:

- THESE NOTES AND ACCOMPANYING DRAWINGS COMPLEMENT THE PROVISIONS AND INSTALLATIONS BY THE ELECTRICAL CONTRACTOR. OF ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO INSTALL THE ELECTRICAL WORK COMPLETE IN CONNECTION WITH THIS WIRELESS SITE AND SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
 - THE PROVISIONS, INSTALLATION, AND CONNECTION OF A GROUNDING ELECTRODE SYSTEM COMPLETE WITH A BUILDING AND SECONDARY GROUNDING, CELLULAR TELEPHONE COMMUNICATIONS TOWER AND CONNECTIONS TO THE INCOMING ELECTRICAL DISTRIBUTION EQUIPMENT.
 - THE PROVISION AND INSTALLATION OF AN OVERHEAD ELECTRICAL SERVICE OR UNDERGROUND ELECTRICAL SERVICE AND ALL ASSOCIATED WIRE AND CONDUIT AS REQUIRED AND/OR INDICATED ON PLANS.
 - THE PROVISION, INSTALLATION OF CONDUIT AND CONNECTIONS FOR LOCAL.
 - THE FURNISHING AND INSTALLATION OF THE ELECTRICAL SERVICE ENTRANCE CONDUCTORS, CONDUITS, METER SOCKET, AND CONNECTIONS TO THE SERVICE EQUIPMENT WITHIN THE ENCLOSURE.
 - TWO INCH (2") AND THREE INCH (3") DIAMETER PVC CONDUITS SCHEDULE 40.
 - ALL PVC CONDUITS SHOULD BE LEFT WITH NYLON PULL CORD FOR FUTURE USE.
 - EXCAVATION, TRENCHING, AND BACKFILLING FOR CONDUITS, CABLE(S), AND EXTERNAL GROUNDING SYSTEM.

CODES, PERMITS, AND FEES:

- ALL REQUIRED PERMITS, LICENSES, INSPECTIONS AND APPROVALS SHALL BE SECURED AND ALL FEES FOR SAME PAID BY CONTRACTOR.
- THE INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CODES: STATE, LOCAL AND NATIONAL, AND THE DESIGN, PERFORMANCE CHARACTERISTICS AND METHODS OF CONSTRUCTION OF ALL ITEMS AND EQUIPMENT SHALL BE IN ACCORDANCE WITH THE LATEST ISSUE OF THE VARIOUS APPLICABLE STANDARD SPECIFICATIONS OF THE FOLLOWING AUTHORITIES:

N.E.C.	NATIONAL ELECTRIC CODE
A.N.S.I.	AMERICAN NATIONAL STANDARDS INSTITUTE
I.E.E.E.	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
A.S.T.M.	AMERICAN SOCIETY FOR TESTING MATERIALS
N.E.M.A.	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
U.L.	UNDERWRITERS LABORATORIES, INC.
N.F.P.A.	NATIONAL FIRE PROTECTION ASSOCIATION

GROUNDING ELECTRODE SYSTEM:

- CONNECTIONS
 - ALL GROUNDING CONNECTIONS SHALL BE MADE BY THE "CADDWELD" PROCESS CONNECTIONS SHALL INCLUDE ALL CABLE TO CABLE, SPLICES, ETC. ALL CABLE TO GROUND RODS, GROUND RODS SPLICES AND LIGHTNING PROTECTION SYSTEM AS INDICATED. GROUND FOUNDATION ONLY AS INDICATED BY PM. ALL MATERIALS USED (IMOLDS, WELDING, METAL, TOOLS, ETC.) SHALL BE BY "CADDWELD" PROCESS AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND PROCEDURES. GROUND CONDUCTOR SHALL HAVE A MINIMUM 24" BENDING RADIUS.
 - ALL CADDWELD CONNECTIONS ON GALVANIZED SURFACES SHALL BE CLEANED THOROUGHLY AND COLORED TO MATCH SURFACE WITH (2) TWO COATS OF SHERWIN-WILLIAMS GALVATE (WHITE) PAINT B50W3 (OR EQUAL) OR SHERWIN-WILLIAMS SILVERDRITE (ALUMINUM) D59S11 (OR EQUAL).
 - ALL ELECTRICAL MECHANICAL GROUND CONNECTIONS SHALL HAVE ANTI-OXIDANT COMPOUND APPLIED TO CONNECTION.
 - FENCE/GATE:
 - GROUND FENCE POSTS WITHIN 6 FEET OF ENCLOSURE AND 25 FEET OF TOWER AS INDICATED ON DRAWINGS. GROUND EACH GATE POST AND CORNER POST. GROUND CONNECTIONS TO FENCE POSTS SHALL BE MADE BY THE "CADDWELD" PROCESS AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND PROCEDURES. ALL OTHER CONNECTIONS FOR THE GROUND GRID SYSTEM SHALL BE MADE BY THE "CADDWELD" PROCESS, AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND PROCEDURES.
 - UTILITY COMPANY COORDINATION:
 - ELECTRICAL CONTRACTOR SHALL CONFIRM THAT ALL WORK IS IN ACCORDANCE WITH THE RULES OF THE LOCAL UTILITY COMPANY BEFORE SUBMITTING THE BID. THE CONTRACTOR SHALL CHECK WITH THE UTILITY COMPANIES SUPPLYING SERVICE TO THIS PROJECT AND SHALL DETERMINE FROM THEM ALL EQUIPMENT AND CHARGES WHICH THEY WILL REQUIRE AND SHALL INCLUDE THE COST IN THE BID.
 - GROUND TEST:
 - GROUND TESTS SHALL BE PERFORMED AS REQUIRED BY VERIZON STANDARD PROCEDURES. GROUND GRID RESISTANCE SHALL NOT EXCEED 5 OHMS.
 - CONTRACTOR SHALL SUBMIT THE GROUND RESISTANCE TEST REPORT AS FOLLOWS:
 - ONE (1) COPY TO OWNER REPRESENTATIVE
 - ONE (1) COPY TO ENGINEER
 - ONE (1) COPY TO KEEP INSIDE EQUIPMENT ENCLOSURE

GENERAL NOTES:

SEE DETAILS AND SCHEDULES ON DRAWINGS AND SPECIFICATIONS FOR MEANING OF ABBREVIATIONS AND ADDITIONAL REQUIREMENTS AND INFORMATION. CHECK ARCHITECTURAL, STRUCTURAL AND OTHER MECHANICAL AND ELECTRICAL DRAWINGS FOR SCALE, SPACE LIMITATIONS, COORDINATION, AND ADDITIONAL INFORMATION, ETC. REPORT ANY DISCREPANCIES, CONFLICTS, ETC. TO ENGINEER BEFORE SUBMITTING BID. ALL EQUIPMENT FURNISHED BY OTHERS (FBO) SHALL BE PROVIDED WITH PROPER MOTOR STARTERS, DISCONNECTS, CONTROLS, ETC. BY THE ELECTRICAL CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE. THE ELECTRICAL CONTRACTOR SHALL INSTALL AND COMPLETELY WIPE ALL ASSOCIATED EQUIPMENT IN ACCORDANCE WITH MANUFACTURERS WIRING DIAGRAMS AND AS REQUIRED FOR A COMPLETE OPERATING INSTALLATION. ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF (FBO) EQUIPMENT PRIOR TO ROUGH-IN OF CONDUIT AND WIRING TO AVOID CONFLICTS.

COORDINATION WITH UTILITY COMPANY:

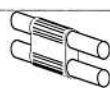
THE ELECTRICAL CONTRACTOR SHALL COORDINATE COMPLETE ELECTRICAL SERVICE WITH LOCAL UTILITY COMPANY FOR A COMPLETE OPERATIONS SYSTEM, INCLUDING TRANSFORMER CONNECTIONS, CONCRETE TRANSFORMER PADS, IF REQUIRED, METER SOCKETS, PRIMARY CABLE RACEWAY REQUIREMENTS, SECONDARY SERVICE, ETC. PRIOR TO SUBMITTING BID TO INCLUDE ALL LABOR AND MATERIALS, THE ELECTRICAL CONTRACTOR SHALL INCLUDE IN THE BID ANY OPTIONAL OR EXCESS FACILITY CHARGES ASSOCIATED WITH PROVIDING ELECTRICAL SERVICE FROM LOCAL UTILITY COMPANY. VERIFY BEFORE BIDDING TO INCLUDE ALL COSTS. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE AVAILABLE FAULT CURRENT WITH THE LOCAL UTILITY COMPANY PRIOR TO SUBMITTING BID. ADJUST A.I.C. RATINGS OF ALL OVERCURRENT PROTECTION DEVICES IN DISTRIBUTION EQUIPMENT AS REQUIRED TO COORDINATE WITH AVAILABLE FAULT CURRENT FROM LOCAL UTILITY COMPANY. ALL GROUNDING RODS PROVIDED BY THE POWER OR TELEPHONE UTILITY COMPANIES MUST BE TIED INTO THE MAIN EXTERNAL GROUND RING.

NOTES:

CADDWELD "TYPES" SHOWN ARE EXAMPLES. CONSULT WITH PROJECT MANAGER FOR OTHER POSSIBLE TYPES OF CADDWELDS THAT CAN BE USED IN STANDARD OR SPECIALLY DESIGNED GROUNDING.



TYPE GR



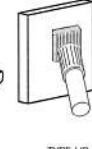
TYPE PT



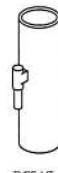
TYPE VBC



TYPE GT



TYPE VB (TOWER GROUND TAB)



TYPE VT

SOLID COPPER WIRE TO POST CONNECTION
- FENCE LEAD TO FENCE POST
- LEADS TO UTILITY RACK & ICE BRIDGE POSTS

CADDWELD DETAILS
SCALE: NTS

1

PROPOSED ANTENNA



PROPOSED #6 AWG STRANDED COPPER THIN GREEN INSULATION, FROM ANTENNA AND ANTENNA MOUNT TO GROUND LEAD TO GROUND ROD, TYP.

PROPOSED #6 AWG STRANDED COPPER THIN GREEN INSULATION, FROM (3) AIRS 121 ANTENNAS TO GROUND LEAD TO GROUND ROD, TYP.

PROPOSED #3 STRANDED CONDUCTOR

EXISTING #6 AWG STRANDED COPPER THIN GREEN INSULATION, FROM EXISTING KRUS TO GROUND LEAD TO GROUND ROD, TYP.

MECHANICAL CONNECTION TO POLE

#2 STRANDED GREEN INSULATED GROUND CABLE TO RUN IN 1" CONDUIT THROUGH POLE FOUNDATION FROM LIGHT POLE TO GROUND ROD.

#2 STRANDED GREEN INSULATED GROUND CABLE TO RUN IN 1" CONDUIT THROUGH POLE FOUNDATION FROM VERIZON EQUIPMENT TO GROUND ROD.

PROPOSED GROUND WIRES, TYP.

PROPOSED POLE FOUNDATION

PROPOSED GROUND RODS

GRADE

TYPICAL GROUNDING DIAGRAM
SCALE: NTS

2

verizon

1701 GOLF ROAD, TOWER 2, SUITE 400,
ROLLING MEADOW, IL 60008



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Certification & Seal

MARK: DATE: DESCRIPTION: INITIALS:

PROJECT: FINAL DATE: 06/23/2022

PROJECT TITLE:

**GREENFIELD
ELMDALE-SC03
LOCATION #: 264612**

PROJECT LOCATION:
4100 W. EDGERTON AVE.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:

GROUNDING DETAILS

SCALE: NONE

PROJECT NUMBER: 45050

SHEET NUMBER: G-2

SITE NAMES and LOCATION NUMBERS:

ELMDALE SC03 (Location No. 264612) & ELMDALE SC08 (Location No. 264617)

EXHIBIT B
Node 3 - Premises

verizon

GREENFIELD
ELMDALE-SC08
LOCATION #: 264617
FUZE PROJECT ID: 16908374

verizon

1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008



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Continuation 4 Sheet

VICINITY MAP



AERIAL VIEW OF SITE



GENERAL LOCATION



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND
FACILITIES BEFORE YOU DIG IN WISCONSIN

DIGGERS HOTLINE 811 OR
1-800-242-8511

WISCONSIN STATUTE 182.0175 (1974) REQUIRES MIN. OF 3
WORK DAYS NOTICE BEFORE YOU EXCAVATE.

APPROVALS

CONSTRUCTION MANAGER:

DESIGN ENGINEER:

OPERATIONS MANAGER:

IMPLEMENTATION MANAGER:

REAL ESTATE MANAGER:

SHEET INDEX

GENERAL:
T-1 TITLE SHEET

NOTES:
SP-1 SPECIFICATIONS

SITE:
A-1 OVERALL SITE PLAN
A-2 ENLARGED SITE PLANS
A-3 EXISTING POLE ELEVATION
A-4 PROPOSED POLE ELEVATION
A-5 ANTENNA & EQUIPMENT SUMMARY
A-6A POLE SPECIFICATIONS
A-6B POLE SPECIFICATIONS
A-6C POLE SPECIFICATIONS
A-7 FOUNDATION DESIGN
A-8 ANTENNA & MOUNTING DETAILS
A-9 EQUIPMENT & MOUNTING DETAILS
A-10 FIBER DETAILS
A-11 RF NOTICE TAG DETAIL

ELECTRICAL:
E-1 ELECTRICAL DETAILS
E-2 ELECTRICAL DETAILS

GROUNDING:
G-1 GROUNDING DETAILS
G-2 GROUNDING DETAILS

PROJECT INFORMATION

SITE DATA:
SITE NAME: ELMDALE-SC08
LOCATION #: 264617
ADDRESS: 3495 HONEY TREE LN,
GREENFIELD, WI 53221
MILWAUKEE COUNTY

LATITUDE: 42° 56' 41.82" N (42.9449488°)
LONGITUDE: 87° 57' 30.76" W (-87.9585433°)

LESSOR:
CITY OF GREENFIELD

SITE ACQUISITION:
RAMAKER
855 COMMUNITY DRIVE
SAUK CITY, WI 53503
CONTACT: MIKE REEVE
PH: (608) 643-4100
FAX: (608) 643-7999
EMAIL: mreeve@ramaker.com

RF ENGINEER:
VERIZON WIRELESS
CONTACT: ASHOK PATIL
EMAIL: Ashok.patil@VerizonWireless.com

REAL ESTATE MANAGER:
VERIZON WIRELESS
1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008
CONTACT: KATHY COGSWELL
EMAIL: KATHRYN.COGSWELL@VerizonWireless.com
PH: (224) 213-4403

CONSTRUCTION MANAGER:
VERIZON WIRELESS
CONTACT: JON BARTELL
EMAIL: JON.BARTELL2@VerizonWireless.com
PH: (920) 841-1263

CONSULTING ENGINEER:
RAMAKER
855 COMMUNITY DRIVE
SAUK CITY, WI 53503
CONTACT: MIKE REEVE
PH: (608) 643-4100
FAX: (608) 643-7999
EMAIL: mreeve@ramaker.com

POWER PROVIDER:
WE ENERGIES
500 S. 116th STREET
WEST ALLIS, WI 53214
PH: (414) 944-5694

FIBER PROVIDER:
MCI ATS IF
15725 W RYERSON ROAD
NEW BERLIN, WI 53151
PHONE: (262) 782-9845

SCOPE OF WORK:
INSTALLATION OF PROPOSED 5G EQUIPMENT AND
RELOCATION OF EXISTING 4G EQUIPMENT ON A
PROPOSED VERIZON OWNED METAL POLE WITH
UNDERGROUND ELECTRIC AND FIBER.

CITY OF MILWAUKEE CONTACTS:
DEPARTMENT OF NEIGHBORHOOD SERVICES
CONTACT: JEFF KATZ PE
EMAIL: JEFFREY.KATZ@GREENFIELD.WI.US
PH: (414) 939-8322

MAP LOCATION



NOTE: TO SCAN THE QR CODE,
DOWN LOAD A "QR READER APP"

MARK	DATE	DESCRIPTION	DATE	INITIALS
B	5/6/2022	UPDATED FINAL CD		
A	4/11/2022	DESIGN CHANGE		

PROJECT TITLE: PRELIMINARY DATE: 03/12/2020

**GREENFIELD
ELMDALE-SC08
LOCATION #: 264617**

PROJECT LOCATION:
3495 HONEY TREE LN,
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:
TITLE SHEET

SCALE: NONE

PROJECT NUMBER: 45860

SHEET NUMBER: T-1

GENERAL NOTES

1. ALL EQUIPMENT FURNISHED AND WORK PERFORMED UNDER THE CONTRACT DOCUMENTS SHALL BE GUARANTEED AGAINST DEFECTS IN MATERIALS OR WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE, UNLESS NOTED OTHERWISE. ANY FAILURE OF EQUIPMENT OR WORK DUE TO DEFECTS IN MATERIALS OR WORKMANSHIP SHALL BE CORRECTED BY THE CONTRACTOR AT NO COST TO THE OWNER.
2. ALL WORK, MATERIAL, AND EQUIPMENT SHALL COMPLY WITH ALL REQUIREMENTS OF THE LATEST EDITIONS AND INTERIM AMENDMENTS OF THE NATIONAL ELECTRICAL CODE (N.E.C.), NATIONAL ELECTRICAL SAFETY CODE, OSHA, AND ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES. ALL ELECTRICAL EQUIPMENT PROVIDED UNDER THIS CONTRACT SHALL BE NEW (EXCEPT WHERE OTHERWISE NOTED) AND SHALL COMPLY WITH THE REQUIREMENTS OF THE UNDERWRITERS LABORATORIES AND BEAR THE U.L. LABEL.
3. VERIZON WIRELESS OR THEIR ARCHITECT/ENGINEER RESERVE THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH IN THEIR OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO THE OWNER OR THEIR ARCHITECT/ENGINEER.
4. THE CONTRACTOR SHALL SUPPORT, DRAIN AND SECURE EXISTING STRUCTURE AS REQUIRED. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PROTECTION OF ANY EXISTING STRUCTURES DURING CONSTRUCTION. FIELD VERIFY ALL EXISTING DIMENSIONS WHICH AFFECT THE NEW CONSTRUCTION.
5. THE CONTRACTOR SHALL NOT ALLOW OR CAUSE ANY OF THE WORK TO BE COVERED UP OR ENCLOSED UNTIL IT HAS BEEN INSPECTED BY THE GOVERNING AUTHORITIES. ANY WORK THAT IS ENCLOSED OR COVERED UP BEFORE SUCH INSPECTION AND TEST SHALL BE UNCOVERED AT THE CONTRACTORS EXPENSE, AFTER IT HAS BEEN INSPECTED. THE CONTRACTOR SHALL RESTORE THE WORK TO ITS ORIGINAL CONDITION AT THEIR OWN EXPENSE.
6. ALL EXISTING UTILITIES, FACILITIES, CONDITIONS AND THEIR DIMENSIONS SHOWN ON PLANS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ARCHITECT/ENGINEER AND OWNER (VERIZON WIRELESS) ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL SAID UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING AFFECTED UTILITIES.
7. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES BOTH HORIZONTALLY AND VERTICALLY PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHALL BE IMMEDIATELY REPORTED TO THE PROJECT MANAGER FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL DISCREPANCY IS CORRECTED AND CORRECTED BY THE ARCHITECT/ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT THEIR OWN RISK AND EXPENSE.
8. CONTRACTORS SHALL CLEAN ENTIRE SITE AFTER CONSTRUCTION SUCH THAT NO PAPERS, TRASH, DEBRIS, WEEDS, BRUSH OR ANY OTHER DEPOSITS REMAIN. ALL MATERIALS COLLECTED DURING CLEANING OPERATIONS SHALL BE PROPERLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
9. ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY THE CONTRACTOR WITH LOCAL GAS, ELECTRIC, TELEPHONE, AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS LOCATION.
10. DURING CONSTRUCTION, THE CONTRACTOR SHALL AT ALL TIMES MAINTAIN THE UTILITIES OF THE BUILDINGSITE WITHOUT INTERRUPTION. SHOULD IT BE NECESSARY TO INTERRUPT ANY SERVICE OR UTILITY, THE CONTRACTOR SHALL SECURE PERMISSION IN WRITING FROM THE BUILDING/PROPERTY OWNER FOR SUCH INTERRUPTION. AT LEAST 72 HOURS IN ADVANCE, ANY INTERRUPTION SHALL BE MADE WITH A MINIMUM AMOUNT OF INCONVENIENCE TO THE BUILDING/PROPERTY OWNER AND ANY SUCH SHUTDOWN TIME SHALL BE COORDINATED WITH THE BUILDING/PROPERTY OWNER.
11. CONTRACTOR SHALL SUBMIT AT THE END OF THE PROJECT A COMPLETE SET OF AS BUILT DRAWINGS TO VERIZON WIRELESS PROJECT MANAGER.
12. THIS CONTRACTOR SHALL PROVIDE ALL TEMPORARY WIRING FOR ALL TRADES FOR CONSTRUCTION EQUIPMENT (I.E. HANDTOOLS, WELDERS, PIPE BENDERS, ETC.) & CONSTRUCTION DISTING PER THE LATEST OSHA STANDARDS. INCLUDE ALL COSTS IN THE BASE BID. THIS CONTRACTOR SHALL ESTABLISH SAFE WORKING PROCEDURES FOR THE PROTECTION OF THE WORKMEN IN ALL PHASES OF WORK, COMPLYING WITH THE APPLICABLE PROVISIONS OF ALL CITY, STATE AND FEDERAL SAFETY LAWS (OSHA).
13. THIS CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH THE PLANS AND SHALL VERIFY EXISTING SITE CONDITIONS AT THE JOB SITE BEFORE SUBMITTING BID. FAILURE TO RECOGNIZE WORK REQUIRED SHALL BE AT THE EXPENSE OF THIS CONTRACTOR. NO CONSIDERATION SHALL BE GIVEN FOR ADDITIONAL COMPENSATION AFTER THE LETTING OF BIDS.
14. ENTIRE INSTALLATION SHALL BE PERFORMED IN A FIRST-CLASS WORKMAN LIKE MANNER AND SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES. THE COMPLETED SYSTEMS SHALL BE FULLY OPERATIONAL. ACCEPTANCE BY THE OWNER SHALL BE A CONDITION OF THE CONTRACT. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES IN ORDER TO AVOID INTERFERENCES

- PRESERVING MAXIMUM HEADROOM AND AVOID OMISSIONS. ALL MATERIALS WORKMANSHIP AND EQUIPMENT SHALL BE GUARANTEED FOR ONE (1) YEAR AFTER SYSTEM ACCEPTANCE.
15. ALL MATERIALS USED SHALL BE NEW AND BEAR THE U.L. LABEL AND BE OF THE APPROPRIATE NEMA STANDARD.
 16. CONTRACTOR SHALL INCLUDE ALL MISCELLANEOUS ITEMS REQUIRED TO COMPLETE THE WORK.
 17. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND REQUIRED INSPECTION FEES.
 18. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO COORDINATE AND REVIEW THE ELECTRICAL CHARACTERISTICS, AMPACITY AND OTHER REQUIREMENTS OF ALL EQUIPMENT PRIOR TO INSTALLATION.
 19. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO COORDINATE THE LOCATIONS OF CONDUIT ROUTING, EQUIPMENT, LIGHTING, ETC. WITH ALL OTHER TRADES IN THE FIELD PRIOR TO INSTALLATION.
 20. FOR CLARITY OF ALL PLANS, SOME EQUIPMENT CONDUIT AND WIRE HAS NOT BEEN SHOWN. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO FURNISH AND INSTALL COMPLETE AND OPERATING SYSTEMS INCLUDING ALL CONDUIT AND WIRING.
 21. THE CONTRACTOR SHALL MAINTAIN THE FIRE RATED INTEGRITY OF ALL FLOORS, CEILINGS AND WALLS. ALL PENETRATIONS THROUGH FIRE RATED BUILDING ELEMENTS SHALL BE EFFECTIVELY SEALED USING APPROVED MATERIALS AND METHODS. ALL LIGHTING FIXTURES MOUNTED IN FIRE RATED CEILINGS SHALL MAINTAIN THE INTEGRITY OF THE FIRE RATING CEILINGS USING APPROVED MATERIALS AND METHODS. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATINGS.
 22. THE CONTRACTOR SHALL INSPECT THE COMPLETE SET OF DRAWINGS AND SPECIFICATIONS TO DETERMINE THEIR ENTIRE SCOPE OF WORK. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND EXTENT OF DEMOLITION AND NEW WORK FOR THE PROJECT PRIOR TO SUBMITTING THEIR BID. MATERIALS OR WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE, UNLESS NOTED OTHERWISE. ANY FAILURE OF EQUIPMENT OR WORK DUE TO DEFECTS IN MATERIALS OR WORKMANSHIP SHALL BE CORRECTED BY THE CONTRACTOR AT NO COST TO THE OWNER.
 23. THE CONTRACTOR IS TO BE IN STRICT ACCORDANCE WITH THE APPLICABLE RULES AND REGULATIONS OF ALL LOCAL, STATE AND FEDERAL ELECTRICAL CODES AND THE LOCAL UTILITY COMPANY REQUIREMENTS OR ANY OTHER AUTHORITIES HAVING LAWFUL JURISDICTION.

QUALITY ASSURANCE

1. ALL CONTRACTORS FURNISHED MATERIALS AND EQUIPMENT SPECIFIED ON THE PROJECT SHALL BE NEW AND UNUSED, OF CURRENT MANUFACTURE AND OF THE HIGHEST GRADE.
2. ALL EQUIPMENT, MATERIAL AND THE INSTALLATION METHODS SPECIFIED ON THE PROJECT DRAWINGS SHALL BE DESIGNED AND FABRICATED IN COMPLIANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL CODES AND REGULATIONS AND APPROPRIATE INDUSTRIAL CONSENSUS STANDARDS AND CODES INCLUDING ANS, IEEE, NEMA, NFPA, AND U.L. ALL AS REVISED AS OF THE DATE OF THIS WORK PACKAGE.
3. ALL ELECTRICAL ITEMS BOTH CONTRACTOR AND OWNER FURNISHED SHALL BE CHECKED FOR AGREEMENT WITH THE PROJECT DRAWINGS AND SPECIFICATIONS AND SHALL BE VISUALLY INSPECTED TO ENSURE THAT EQUIPMENT IS UNDAMAGED AND IS IN PROPER ALIGNMENT. INSTALLED PER MANUFACTURERS INSTRUCTIONS. ELECTRICAL CONNECTIONS ARE TIGHT AND PROPERLY INSULATED WHERE REQUIRED. FUSES ARE OF THE PROPER TYPE AND SIZE AND ELECTRICAL ENCLOSURES ARE OF THE PROPER NEMA TYPE.
4. NOTIFY OWNER IN WRITING OF ALL DISCREPANCIES BETWEEN DRAWINGS/SPECIFICATIONS AND FIELD INSTALLATIONS, OR IF THE VISUAL INSPECTIONS SHOW DAMAGE OR IMPROPER INSTALLATION.
5. GENERAL: DURING AND UPON COMPLETION OF THE WORK, ARRANGE AND PAY ALL ASSOCIATED INSPECTIONS OF ALL ELECTRICAL WORK INSTALLED UNDER THIS CONTRACT, IN ACCORDANCE WITH THE CONDITIONS OF THE CONTRACT.
6. INSPECTIONS REQUIRED: AS PER THE LAWS AND REGULATIONS OF THE LOCAL AND/OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE.
7. INSPECTION AGENCY: APPROVED BY THE LOCAL AND/OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE.

CONDUCTORS

1. ALL POWER, CONTROL AND COMMUNICATION WIRING SHALL MEET THE REQUIREMENTS OF THE U.L. AND N.E.C. STANDARDS FOR MATERIAL AND WORKMANSHIP UNLESS OTHERWISE SPECIFIED.
 - A. SERVICE ENTRANCE CONDUCTORS SHALL BE COPPER, 200 VOLT, UL-2 LIGHT RESISTANT, SUITABLE FOR WET LOCATIONS, TYPE USE-2. THE GROUNDING NEUTRAL CONDUCTOR SHALL BE IDENTIFIED WITH A WHITE MARKING AT EACH TERMINATION.
 - B. CONDUCTORS FOR FEEDER AND BRANCH CIRCUITS SHALL BE COPPER 200 VOLT, TYPE THHN/THWN WITH A MINIMUM SIZE OF #12 AWG.
2. ALL CONDUCTOR ACCESSORIES INCLUDING CONNECTORS, TERMINATIONS, INSULATING MATERIALS, SUPPORT GRIPS, MARKER AND CABLE TIES SHALL BE FURNISHED AND INSTALLED. SUPPLIERS INSTALLATION INSTRUCTIONS SHALL BE OBTAINED FOR CABLE ACCESSORIES. THESE INSTRUCTIONS SHALL BE IN THE POSSESSION OF THE CRAFTSMAN WHILE INSTALLING THE ACCESSORIES AND SHALL BE AVAILABLE TO THE COMPANY FOR REFERENCE.
3. TERMINAL CONNECTORS FOR CONDUCTORS SMALLER THAN 4 AWG SHALL BE COMPRESSION TYPE CONNECTORS SIZED FOR THE

- CONDUCTOR AND THE TERMINAL. THE CONNECTORS SHALL BE CONSTRUCTED OF FINE GRADE HIGH CONDUCTIVITY COPPER IN ACCORDANCE WITH QQ-C-576 AND SHALL BE TIN-PLATED IN ACCORDANCE WITH MIL-T-10727. THE INTERIOR SURFACE OF THE CONNECTOR WIRE BARREL SHALL BE SERATED, AND THE EXTERIOR SURFACE OF THE CONNECTOR WIRE BARREL SHALL BE PROVIDED WITH GRIP GUIDES.
4. TERMINAL CONNECTORS FOR CONDUCTORS 8 AWG AND LARGER SHALL BE PRESSURE OR BOLTED CLAMP TYPE, BURNODY QUICKLUG, ARILUG OR ACCEPTABLE EQUAL; OR COMPRESSION TYPE; BURNODY TYPE YAW OR YR (A LONG BARREL), PANDUIT TYPE LCA OR LOC, OR ACCEPTABLE EQUAL. ACCEPTABLE CONNECTORS INCLUDED WITH COMPANY-FURNISHED EQUIPMENT MAY BE USED.
 5. TERMINATION PROVISIONS OF EQUIPMENT FOR CIRCUITS RATED 100 AMPERES OR LESS, OR MARKED FOR NOS. 1-4 THROUGH 1 CONDUCTORS, SHALL BE USED ONLY FOR CONDUCTORS RATED 60 DEG. C (140 DEG. F). CONDUCTORS WITH HIGHER TEMPERATURE RATINGS SHALL BE PERMITTED, PROVIDED THE AMPACITY OF EACH CONDUCTOR IS DETERMINED BASED ON THE 60 DEG. C (140 DEG. F) AMPACITY OF THE CONDUCTOR SIZE USED.
 6. TERMINATION PROVISIONS OF EQUIPMENT FOR CIRCUITS RATED OVER 100 AMPERES, OR MARKED FOR CONDUCTORS LARGER THAN NO. 1, SHALL BE USED ONLY FOR CONDUCTORS RATED 75 DEG. C (167 DEG. F). CONDUCTORS WITH HIGH TEMPERATURE RATINGS SHALL BE PERMITTED, PROVIDED THE AMPACITY OF EACH CONDUCTOR IS DETERMINED BASED ON THE 75 DEG. C (167 DEG. F) AMPACITY OF THE CONDUCTOR SIZE USED.
 7. ALL 600 VOLT OR LESS WIRING, WHERE COMPRESSION TYPE CONNECTORS ARE USED, SHALL BE INSULATED WITH AT LEAST ONE TURN OF "SCOTCHTAP" 200 AMP ELECTRICAL INSULATING PUTTY AND THEN COVERED WITH TWO HALF TURNS OF TAPE SIMILAR TO 3M COMPANY'S "33 PLUS" (33+) PLASTIC TAPE OR 66 OUTDOOR.
 8. THE ELECTRICAL SERVICE TO THE SITE SHALL BE GROUNDED AT THE SERVICE DISCONNECTING MEANS REQUIRED IN ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE, IN ACCORDANCE WITH ANY LOCAL CODE.
 9. ALL UNDERGROUND (BELOW GRADE) GROUNDING CONNECTIONS SHALL BE MADE BY THE CADDWELL PROCESS (MECHANICAL LUG ATTACHMENTS BELOW GRADE ARE NOT ACCEPTABLE). CONNECTIONS SHALL INCLUDE ALL CABLE TO CABLE SPICES (TEES, Xs, ETC.). ALL MATERIALS USED (CABLES, WELDING METAL, TOOLS, ETC.) SHALL BE BY CADDWELL AND INSTALLED PER MANUFACTURERS RECOMMENDATION AND PROCEDURES.

HANGERS AND SUPPORT

1. MATERIALS: ALL HANGERS, SUPPORTS, FASTENERS, AND HARDWARE SHALL BE ZINC COATED OR OF EQUIVALENT CORROSION RESISTANCE BY TREATMENT OR INHERENT PROPERTY, AND SHALL BE MANUFACTURED PRODUCTS DESIGNED FOR THE APPLICATION. PRODUCTS FOR OUTDOOR USE SHALL BE HOT DIP GALVANIZED.
2. TYPES: HANGERS, STRAPS, RISER SUPPORTS, CLAMPS, U-CHANNEL, THREADED RODS, ETC. AS INDICATED OR REQUIRED.
3. INSTALLATION: RIGIDLY SUPPORT AND SECURE ALL MATERIALS, RACEWAY AND EQUIPMENT BUILDING STRUCTURE USING HANGERS, SUPPORTS AND FASTENERS SUITABLE FOR THE USE, MATERIALS AND LOADS ENCOUNTERED. PROVIDE ALL NECESSARY HARDWARE. PROVIDE CONDUIT SUPPORTS AT MAXIMUM 5 FT. O.C.
4. OVERHEAD MOUNTING: ATTACH OVERHEAD MOUNTED EQUIPMENT TO STRUCTURAL FRAMEWORK OR SUPPORTING METAL FRAMEWORK.
5. WALL MOUNTING: SUPPORT WALL MOUNTED EQUIPMENT BY MASONRY, CONCRETE BLOCK, METAL FRAMING OR SUB-FRAMING.
6. EXTERIOR WALLS: MOUNT ALL EQUIPMENT LOCATED ON THE INTERIOR OF EXTERIOR BUILDING WALLS AT LEAST ONE INCH AWAY FROM WALL SURFACE, USING SUITABLE SPACERS.
7. STRUCTURAL MEMBERS: DO NOT CUT, DRILL OR WELD ANY STRUCTURAL MEMBER EXCEPT SPECIFICALLY APPROVED BY THE ENGINEER.
8. INDEPENDENT SUPPORT: DO NOT SUPPORT MATERIALS OR EQUIPMENT FROM OTHER EQUIPMENT, PIPING, DUCTWORK OR SUPPORTS FOR SAME.
9. RACEWAY SUPPORTS: RIGIDLY SUPPORT ALL RACEWAY WITH MAXIMUM SPACINGS PER NEC, AND SO AS TO PREVENT DISTORTION OF ALIGNMENT DURING PULLING OPERATION. USE APPROVED HANGERS, CLAMPS AND STRAPS FOR INDIVIDUAL RUNS. DO NOT USE PERFORATED STRAPS OR TIE WIRES. WHERE MULTIPLE PARALLEL RACEWAYS ARE TO RUN TOGETHER, USE TRAFFEY TYPE HANGER ARRANGEMENT MADE FROM U-CHANNEL AND ACCESSORIES. SUSPENDED FOR FUTURE INSTALLATION OF ADDITIONAL RACEWAYS, RIGIDLY ANCHOR VERTICAL CONDUITS SERVING FLOOR MOUNTED OR "ISLAND" TYPE EQUIPMENT MOUNTED AWAY FROM WALLS WITH METAL BRACKET OR RIGID STEEL CONDUIT EXTENSION SECURED TO FLOOR.
10. MISCELLANEOUS SUPPORTS: PROVIDE ANY ADDITIONAL STRUCTURAL SUPPORT STEEL BRACKETS, ANGLES, FASTENERS, AND HARDWARE AS REQUIRED TO ADEQUATELY SUPPORT ALL ELECTRICAL MATERIALS AND EQUIPMENT.
 1. ONE HOLE STRAPS SHALL NOT BE USED FOR CONDUITS LARGER THAN 3/4 INCH.

HOLES, SLEEVES AND OPENINGS

1. GENERAL: PROVIDE ALL HOLES, SLEEVES, AND OPENINGS REQUIRED FOR THE COMPLETION OF WORK AND RESTORE ALL SURFACES DAMAGED TO MATCH SURROUNDING SURFACES. MAINTAIN INTEGRITY OF ALL FIRE AND SMOKE RATED BARRIERS USING APPROVED FIRE-STOPPING SYSTEMS, WHEN CUTTING HOLES OR OPENINGS, OR INSTALLING SLEEVES SHALL NOT BE EXISTING OR DISTURB STRUCTURAL ELEMENTS OR REINFORCING STEEL UNLESS APPROVED IN WRITING, BY THE PROJECT STRUCTURAL ENGINEER.

2. CONDUIT PENETRATIONS: SIZE CORE DRILLING HOLES SO THAT AN ANNUAL SPACE OF NOT LESS THAN 1/4 INCH AND NOT MORE THAN 1/4 INCH IS LEFT AROUND THE CONDUIT, PIPE, ETC. WHEN OPENINGS ARE CUT IN LIEU OF CORE DRILLED, PROVIDE SLEEVE IN ROUGH OPENING; SIZE SLEEVES TO PROVIDE AN ANNUAL SPACE OF NOT LESS THAN 1/4 INCH AND NOT MORE THAN 1 INCH AROUND THE CONDUIT, PIPE, ETC. PATCH AROUND THE SLEEVE TO MATCH SURROUNDING SURFACES.



1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008



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Continuation Sheet

NO.	DATE	DESCRIPTION	INITIALS
B	5/9/2022	UPDATED FIELD CHG	BTJ
A	4/18/2022	DESIGN CHANGE	ISA

PROJECT TITLE: PRELIMINARY DATE: 03/12/2020

**GREENFIELD
ELMDALE-SC08
LOCATION #: 264617**

PROJECT LOCATION:
3495 HONEY TREE LN.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:

GENERAL NOTES

SCALE: NONE

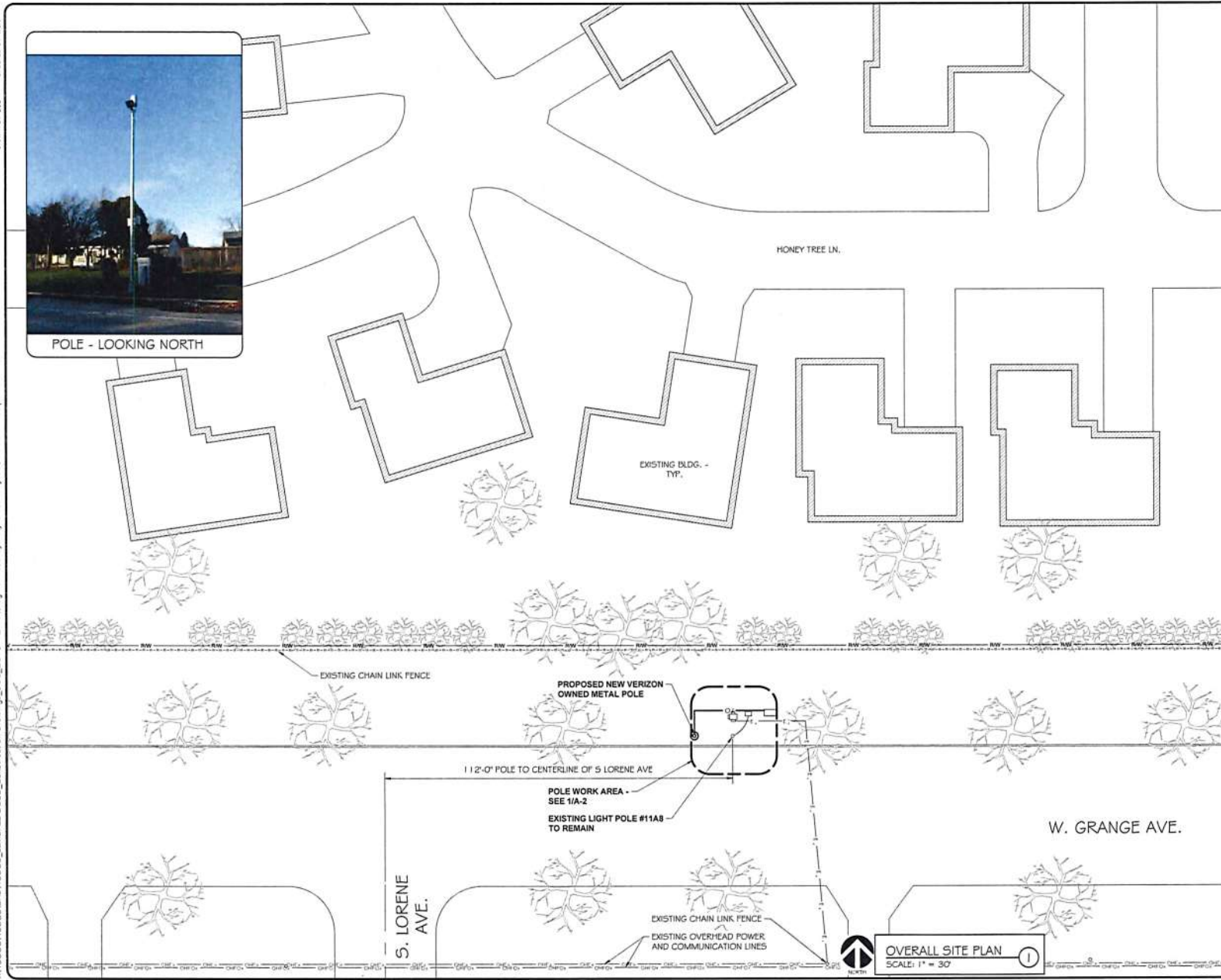
PROJECT NUMBER: 45860

SHEET NUMBER:

SP-1



POLE - LOOKING NORTH



1701 GOLF RD, TOWER 2, SUITE 400
 ROLLING MEADOWS, IL 60008

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Certification & Seal

D	NOV/2022	UPDATED PRELIM CD	DTL
A	4/11/2023	DESIGN CHANGE	ISA
MARK	DATE	DESCRIPTION	INITIALS
CD	PRELIMINARY		
DATE	03/12/2020		

PROJECT TITLE:

**GREENFIELD
 ELMDALE-SC08
 LOCATION #: 264617**

PROJECT LOCATION:

3495 HONEY TREE LN.
 GREENFIELD, WI 53221
 MILWAUKEE COUNTY

SHEET TITLE:

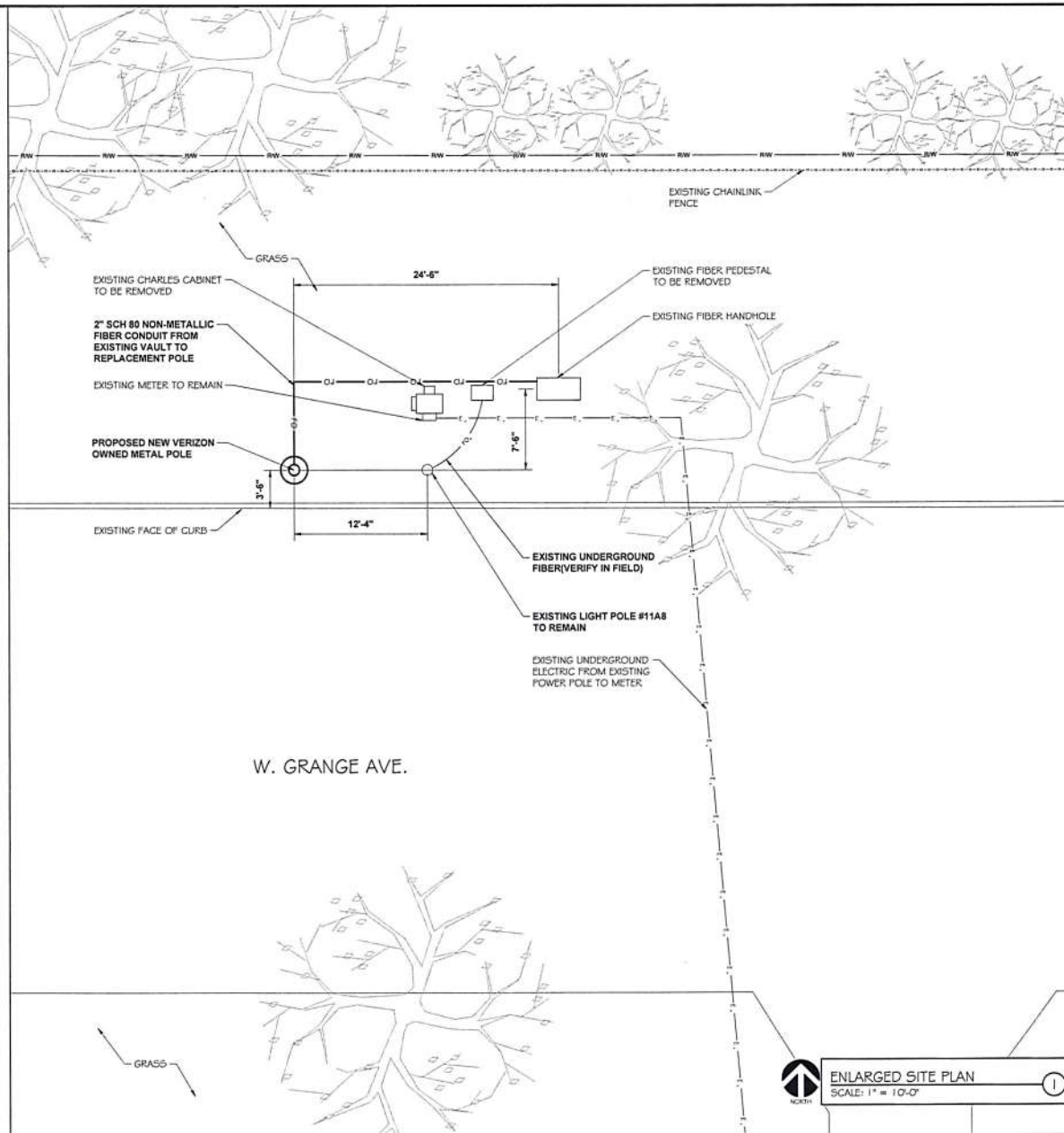
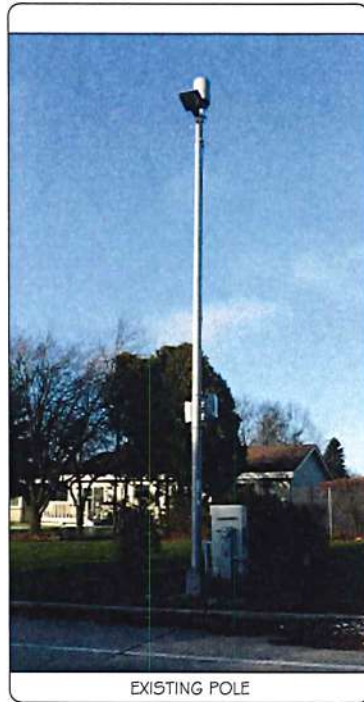
OVERALL SITE PLAN

1" = 30'

22" x 34" - 1" = 15'

PROJECT NUMBER: 45660

SHEET NUMBER: A-1



1701 GOLF RD, TOWER 2, SUITE 400
 ROLLING MEADOWS, IL 60008

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Certification & Seal

D	5/3/2022	UPDATED PRELIM CD	DTL
A	4/1/2022	DESIGN CHANGE	ISA
MADE	DATE	DESCRIPTION	INITIALS
SCALE	1" = 10'-0"	PRELIMINARY	DATE 03/12/2020

PROJECT TITLE:

**GREENFIELD
 ELMDALE-SC08
 LOCATION #: 264617**

PROJECT LOCATION:

3495 HONEY TREE LN.
 GREENFIELD, WI 53221
 MILWAUKEE COUNTY

SHEET TITLE:

ENLARGED SITE PLAN

0 5' 10' 20'

1" = 10'-0"

1" = 10'-0"

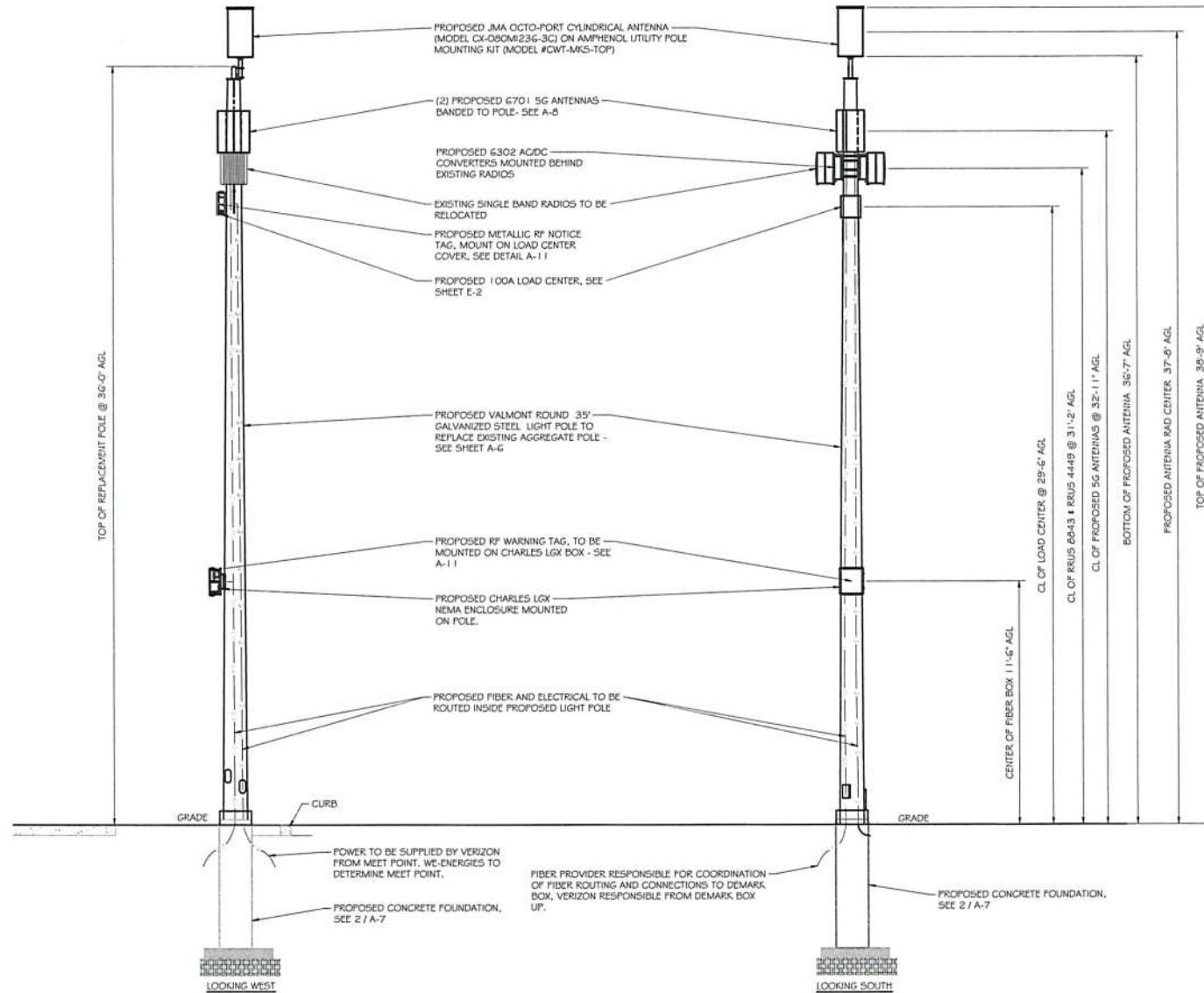
22" x 34"

1" = 5'

PROJECT NUMBER: 45860

SHEET NUMBER: A-2





PROPOSED POLE ELEVATIONS
SCALE: 1" = 5'-0"

①

verizon

1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008



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Continuation Sheet

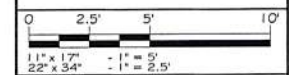
NO.	DATE	DESCRIPTION	INITIALS
1	03/12/2020	PRELIMINARY	

PROJECT TITLE:

**GREENFIELD
ELMDALE-SC08
LOCATION #: 264617**

PROJECT LOCATION:
3495 MONEY TREE LN,
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:
PROPOSED POLE ELEVATIONS



PROJECT NUMBER: 45060
SHEET NUMBER: A-4

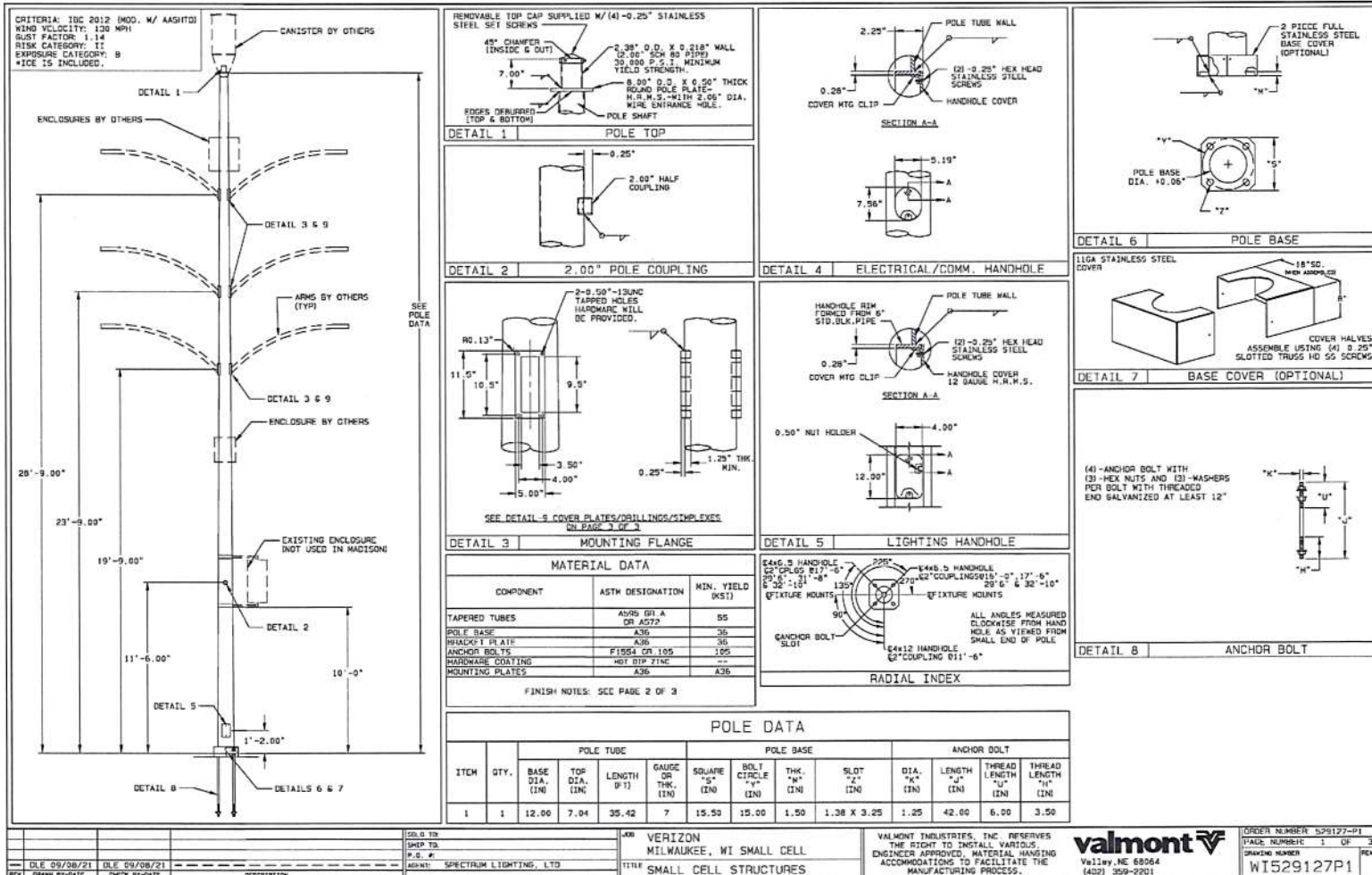
SCALE: NTS

①

SCALE: NTS

③

A-5



1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008



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Certification & Seal

B	5/30/22	UPDATED PRELIM CD	STL
A	4/1/22	DESIGN CHANGE	ISA
MARK	DATE	DESCRIPTION	INITIALS
INSTR. PHASE	PRELIMINARY		DATE: 03/12/2020
PROJECT TITLE:			

GREENFIELD
ELMDALE-SC08
LOCATION #: 264617

PROJECT LOCATION:
3495 HONEY TREE LN.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

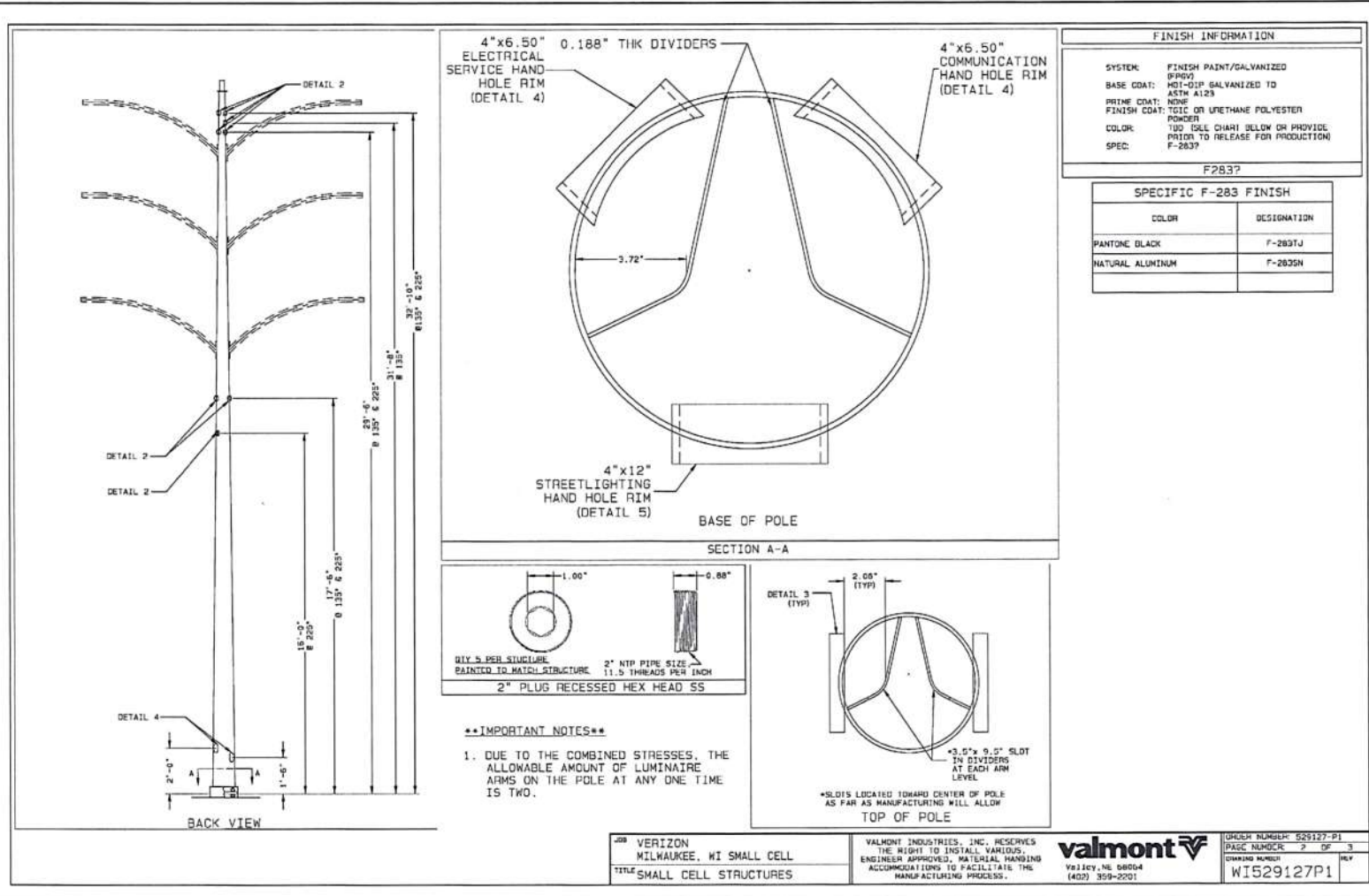
SHEET TITLE:

POLE SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER	45860
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A-6A



verizon

1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008



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Certification & Date:

DATE	5/6/2022	UPDATED PRELIM CD:	DTL
DATE	4/1/2022	DESIGN CHANGE	ISA
DATE	03/12/2020	PRELIMINARY	INITIALS
DATE	03/12/2020	PRELIMINARY	INITIALS

**GREENFIELD
ELMDALE-SC08
LOCATION #: 264617**

PROJECT LOCATION:
3495 HONEY TREE LN.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

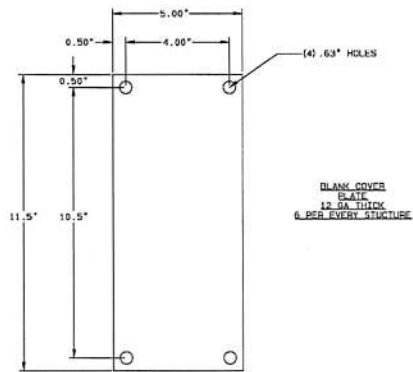
SHEET TITLE:
POLE SPECIFICATIONS

SCALE: NONE

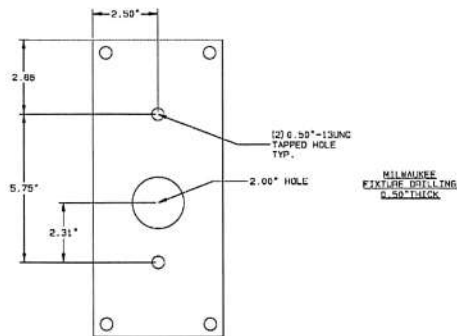
PROJECT NUMBER: 45660
SHEET NUMBER:

A-GB

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COVER PLATE - QTY 6 PER EVERY STRUCTURE



OPTION A - MILWAUKEE ARM MOUNT

DETAIL - 9

JOB VERIZON
MILWAUKEE, WI SMALL CELL
TITLE SMALL CELL STRUCTURES

VALMONT INDUSTRIES, INC. RESERVES
THE RIGHT TO INSTALL VARIOUS
ENGINEER APPROVED, MATERIAL HANGING
ACCOMMODATIONS TO FACILITATE THE
MANUFACTURING PROCESS.

valmont
VALLEY, NC 28684
(402) 359-2201

UNIQUE NUMBER 529127-P1
PAGE NUMBER 3 OF 3
DRAWING NUMBER
W1529127P1

verizon

1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008



RAMAKER
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(608) 643-4100 www.ramaker.com

Certification & Data

B	5/20/22	UPDATED FREELUM CD-	ETL
A	4/1/2022	DESIGN CHANGE	ISA
MARK	DATE	DESCRIPTION	INITIALS
SCALE	1/4" = 1'	PRELIMINARY	DATE: 03/12/2020
PROJECT TITLE			

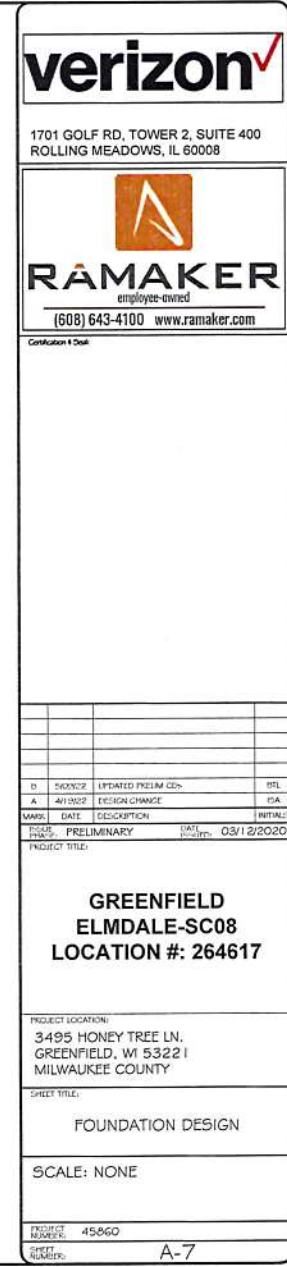
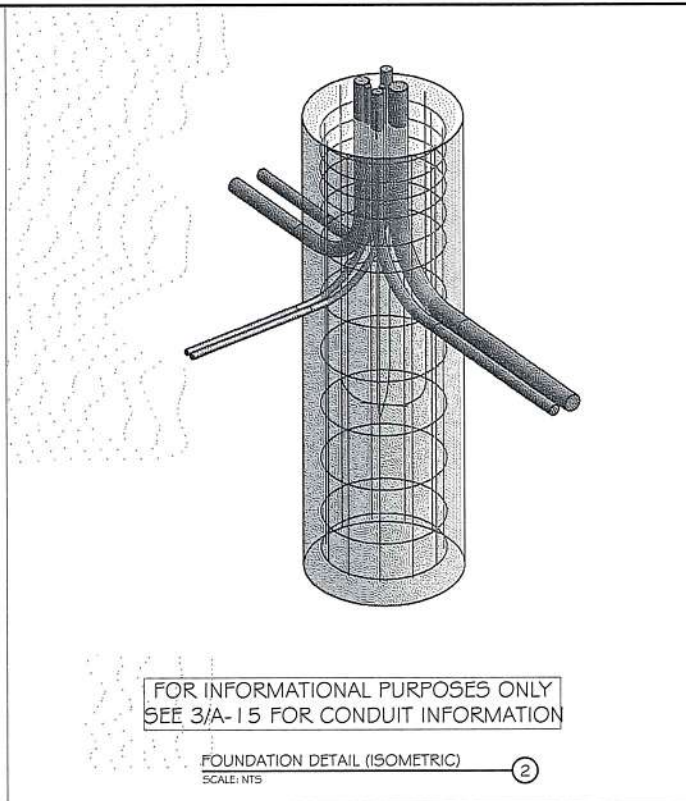
**GREENFIELD
ELMDALE-SC08
LOCATION #: 264617**

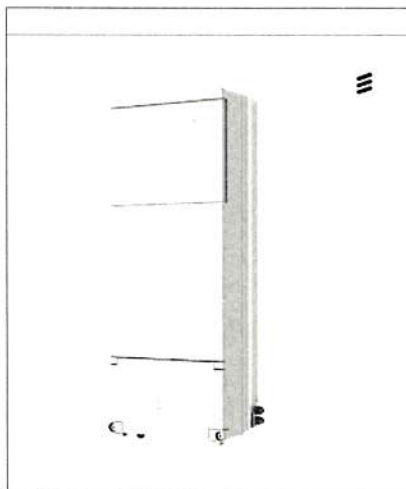
PROJECT LOCATION:
3495 HONEY TREE LN.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:
POLE SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER: 45860
SHEET NUMBER: A-6C





StreetMacro 6701

Spectrum:	28 GHz–B257 / 39 GHz–B260
IBW	Full Band
OBW	Up to 800 MHz
EIRP	55 dBm

#Antenna Elements

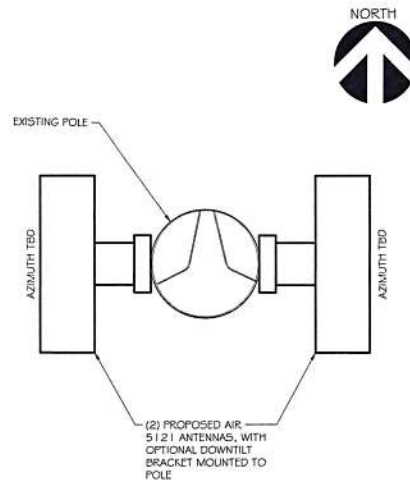
Antenna	H: +/- 60°, V: +/- 15°
Total Antenna BW:	Up to 1600 MHz (800MHz 2x2)
Throughput:	5 Gbps DL/ 1 Gbps UL
Size and Weight:	

SM 6701 – 28 or 39 GHz	Height	Width	Depth	Weight
w/o protruding items	20.2 in (511 mm)	7.9 in (200 mm)	5 in (125 mm)	~31 lbs (~14 Kg)
w/ protruding items incl GPS Ant	21.2 in (538 mm)	8.1 in (204 mm)	5.1 in (130 mm)	

# RI ports:	2
TN/IDL ports:	2
TN I/F:	F1 or e1S1
Power Input	28/39 GHz AC: 100-250V, 28 GHz DC: -48V
Operational conditions:	-40° to +55°C, IP 65
Cooling:	Active, Sound Pressure: TBD
Power:	<400W Max
Misc:	4 External Alarms, USB connector PoE, GPS (optional), 1588 Sync

SM6701 STREET MACRO ANTENNA SPECIFICATIONS

SCALE: NTS



ANTENNA MOUNTING DETAIL

SCALE: NTS



OR APPROVED EQUIV.
WIDTH = 3/4"

PART NUMBER	DESCRIPTION	WIDTH & [THICKNESS] UNCOATED	CUT LENGTH [FEET]	WEIGHT [LBS.]
GRC204-P100	BAND, 200-300SS, COATED RED	.500 (.030)	50	2.89
GRC204-P200	BAND, 200-300SS, COATED RED	.500 (.030)	50	2.89
GRC204-P300	BAND, 200-300SS, COATED YELLOW	.500 (.030)	50	2.89
GRC204-P400	BAND, 200-300SS, COATED GREEN	.500 (.030)	50	2.89
GRC204-P500	BAND, 200-300SS, COATED BLUE	.500 (.030)	50	2.89
GRC204-P900	BAND, 200-300SS, COATED BLACK	.500 (.030)	50	2.89
GRC204-P900	BAND, 200-300SS, COATED BLACK	.750 (.030)	50	4.14

STAINLESS STEEL BAND

SCALE: NTS

3.3 Installation Alternatives

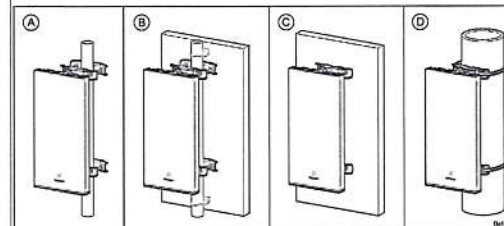


Figure 3 Installation Method Alternatives

Table 5 Key to Installation Alternatives

Installation Method	Description
A	Pole installation (pole with circular square, or 90° angle cross section)
B	Wall installation with pole (pole with circular square, or 90° angle cross section)
C	Wall Installation
D	Utility pole installation ⁽¹⁾⁽²⁾

(7) Steel bands for utility pole installations must be supplied locally.

(2) The strength and size of the steel bands used must be based on local requirements and environmental factors.



1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008



Certification & Seal

D	5/02/22	UPDATED PRELIM CDN	DTL
A	4/1/2022	DESIGN CHANGE	ISA
MARK	DATE	DESCRIPTION	INITIALS
PG# 116	PRELIMINARY	DATE PLOTTED	03/12/2020

PROJECT TITLE:	
----------------	--

GREENFIELD
ELMDALE-SC08
LOCATION #: 264617

PROJECT LOCATION:

3495 HONEY TREE LN.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:

ANTENNA & MOUNTING DETAILS

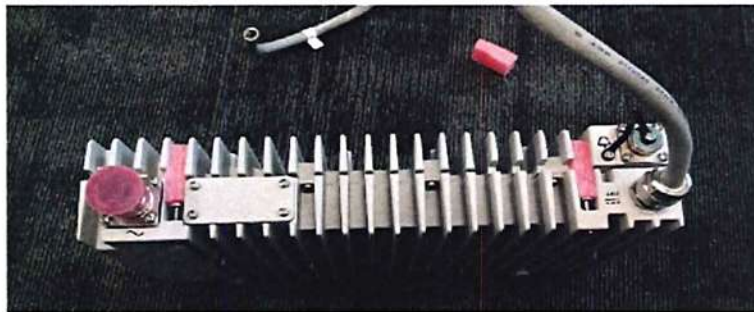
SCALE: NONE

PROJECT NUMBER	45860
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Shift
Classroom

A-8

Technical Data	PSU AC 01	PSU AC 02	PSU AC 03	PSU AC 08	PSU AC 09	PSU 14 01	PSU 48 02
Maximum power dissipation (W)	200	70	175	80	50	200	51
Temperature range (°C)							
Range	-40 to +70	-40 to +55	-40 to +70	-40 to +55	-40 to +55	-40 to +70	-40 to +55
Unlimited performance (cold start-up)	-40 to +10	-40 to +33	-40 to +33	-40 to +33	-	-40 to +10	-40 to +33
Unlimited performance (power derating)	+55 to +70	N/A	+55 to +70	N/A	-	+55 to +70	N/A
Input Characteristics							
Nominal input voltage	100-250 V AC	100-250 V AC	100-250 V AC	100-250 V AC	100-250 V AC	17.2 V DC	-54.5 V DC
Rated operating voltage range	85-275 V AC	90-275 V AC	85-275 V AC	85-275 V AC	85-275 V AC	19.5 to +35.0 V DC	-38.0 to 56.5 V DC
External input fuse	10 A/phase at 1,200 W (1) 16 A/phase at 1,800 W (2)	For 700 W output 12 A at 100 V AC 6 A at 200 V AC (3)	10 A/phase at 11 A input current (1) 12.5 A 125 A/27-750 V/phase at 10 A input current (2) 15 or 14 A/phase at 12.5 A input current (3) 20 A/phase of 16 A Hydraulic magnetic circuit breaker at 11 A input current (3)	For 1000 W output powers (1) 16 A at 100 V AC 8 A at 200 V AC	For 1000 W output powers (1) 16 A at 100 V AC	10 A for 1200 W (2) 125 A for 1,800 W (3)	For 700 W output powers (1) Min 25 A Max 80 A
Input current rating	9 A at 1,200 W 14 A at 1,800 W	9 A at 100 V AC 4.2 A at 200 V AC	8, 10, 12.5, and 15 A (1) 12 A at 100 V AC 6.5 A at 200 V AC (3)	11 A at 100 V AC 6.5 A at 200 V AC	11 A at 100 V AC	60 A at 1,200 W 100 A at 1,800 W	6.20 A
Output Characteristics							
Default output voltage	-54.5 V DC	-54.5 V DC	-54.5 V DC	-54.5 V DC	-54.5 V DC	-54.5 V DC	-54.5 V DC
Voltage range	-42.0 to -56.5 V DC	-54.0 to -55.0 V DC	-42.0 to -55.5 V DC	-54.0 to -55.0 V DC	-42.0 to -56.5 V DC	53.0 to -56.0 V DC	-54.0 to -55.0 V DC
Output power	1,200 or 1,800 W	700 W	See Table 1, 1,000 W	1,000 W	1,000 W	1,200 or 1,800 W	700 W
Dimensions							
Height	43 mm	60 mm	43 mm	69 mm	100 mm	43 mm	60 mm
Width	145 mm	330 mm	145 mm	274 mm	285 mm	145 mm	330 mm
Depth	225 mm	179 mm	225 mm	180 mm	180 mm	225 mm	179 mm
Weight	< 2.2 kg	3.2 kg	< 2.2 kg	7.2 kg	< 3.2 kg	< 2.2 kg	3.2 kg



PSU AC 02 AND PSU AC 08 SPECS
SCALE: NTS

1

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1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008



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Continuation Sheet

D	06/06/22	UPDATED PRELIM CD	ETL
A	4/1/2022	DESIGN CHANGE	ISA
MARK	DATE	DESCRIPTION	INITIALS
PRELIMINARY	DATE	03/12/2020	

PROJECT TITLE:

**GREENFIELD
ELMDALE-SC08
LOCATION #: 264617**

PROJECT LOCATION:
3495 HONEY TREE LN.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:
**EQUIPMENT & MOUNTING
DETAILS**

SCALE: NONE

PROJECT NUMBER: 45660
SHEET NUMBER: A-9

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Hinged-Cover Junction Boxes

Continuous Hinge with Clamps, Type 12



Industry Standards

UL 561, 562 Listed; Type 12, 13; File No. E27567
UL Listed per CSA 22.2 No. 94; Type 12, 13; File No. E27567
UL 508A Listed; Type 12, 13; File No. E61997
cUL Listed per CSA 22.2 No. 94; Type 12, 13; File No. E61997

NEMA/ENAC Type 12 and 13
CSA, File No. 42104; Type 12
IEC 60529, IP65

Application

This easy-to-open, continuous hinge enclosure features screw-down clamps for secure closure and can be used in a wide variety of applications.

Standard Product

[illegible]

Customer 1 has a change with their service.

DOI: 10.1111/j.1472-2215.2015.01622.x © 2015 The Authors
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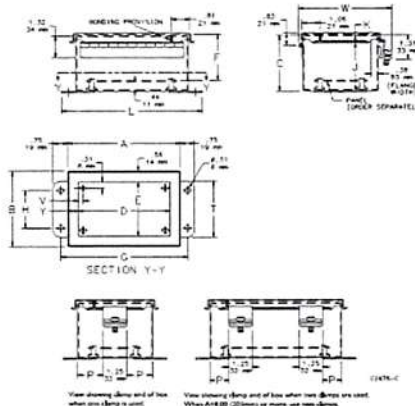
Minged-Cover Junction Boxes

Mild Steel: Junction Boxes

[illegible]

E.g. this number indicates 10% of people in the sample

Further details regarding the different training modalities, equipment and personnel involved are available for each case.



View showing jump end of box when one jump is used

View pricing chart and all fees when you dump are clear.
When A-1000 closes or more we can show.

2 Subject to a change without notice

Ph (75) 422-2471 • Fax (76) 422-2603 • kulf@arxiv.org

© 2021 Hellenic Republic of Cyprus
Taxes: 652.72 €

HOFFMAN BOX DETAIL
SCALE: NTS

verizon^v

1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008



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Certification & Tools

B	5/05/22	UPDATED PRELIM CD#	B
A	4/15/22	DESIGN CHANGE	A
MARK	DATE	DESCRIPTION	INIT
DATE 11/14/22	PRELIMINARY		DATE 03/12/20

GREENFIELD
ELMDALE-SC08
LOCATION #: 264617

PROJECT LOCATION:
3495 HONEY TREE LN.
GREENFIELD, WI 5322
MILWAUKEE COUNTY

SHEET TITLE: FIBER DETAILS

SCALE: NONE

PROJECT NUMBER	45860
----------------	-------

A-10

NOTES:

1. SEE RF COMPLIANCE SIGNAGE DEMARCATION FOR REQUIRED SIGNAGE FOR THIS SITE
2. THE READABLE TEMPLATE IS DESIGNED TO SMALLEST POSSIBLE SIZE. THE MINIMUM LETTER HEIGHT INCHES FOR MESSAGE TEXT .20" MINIMUM LETTER HEIGHT INCHES FOR SIGNAL TEXT .44"
3. ALL RF NOTICE TAGS TO BE MOUNTED ON STREET SIDE OF POLE, LEGIBLE AND READILY VIEWABLE AT A MINIMUM DISTANCE OF FIVE FT. (1.52M)
- 3.1 THE EXAMPLES ARE PROVIDED FOR THE ALERT VERBAGE TEXT.
- 3.2 THESE SPECIAL SIGNS CAN USE THE 6" X 7.5"
- 3.3 TEMPLATE (HORIZONTAL OR VERTICAL) VERTICAL TEMPLATE PROVIDES AREA FOR ARROWS ON SIDES OF RF ENERGY ADVISORY SYMBOL

RF Signage Vendors (Where to Buy)

The following chart includes website address where signage can be purchased; it is not an all-inclusive list. Signage can be bought anywhere as long as the signage is: weatherproof; the requirements above are met; and the signage matches the templates.

Vendor	Website
RSI	https://www.rsicorp.com/signage
Radhaz	http://www.radhaz.com/store.php?verizon-signs
Waterford	http://www.waterfordconsultants.com/

RF WARNING TAG
SCALE: NTS



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1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008



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Construction & Design

REV	DATE	DESCRIPTION	BY
D	04/02/20	UPDATED PRELIM CD	STL
A	4/1/2022	DESIGN CHANGE	ISA

MARK	DATE	DESCRIPTION	INITIALS
PRELIMINARY	03/12/2020		

PROJECT TITLE:

**GREENFIELD
ELMDALE-SC08
LOCATION #: 264617**

PROJECT LOCATION:
3495 HONEY TREE LN.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:
RF NOTICE TAG DETAIL

SCALE: NONE

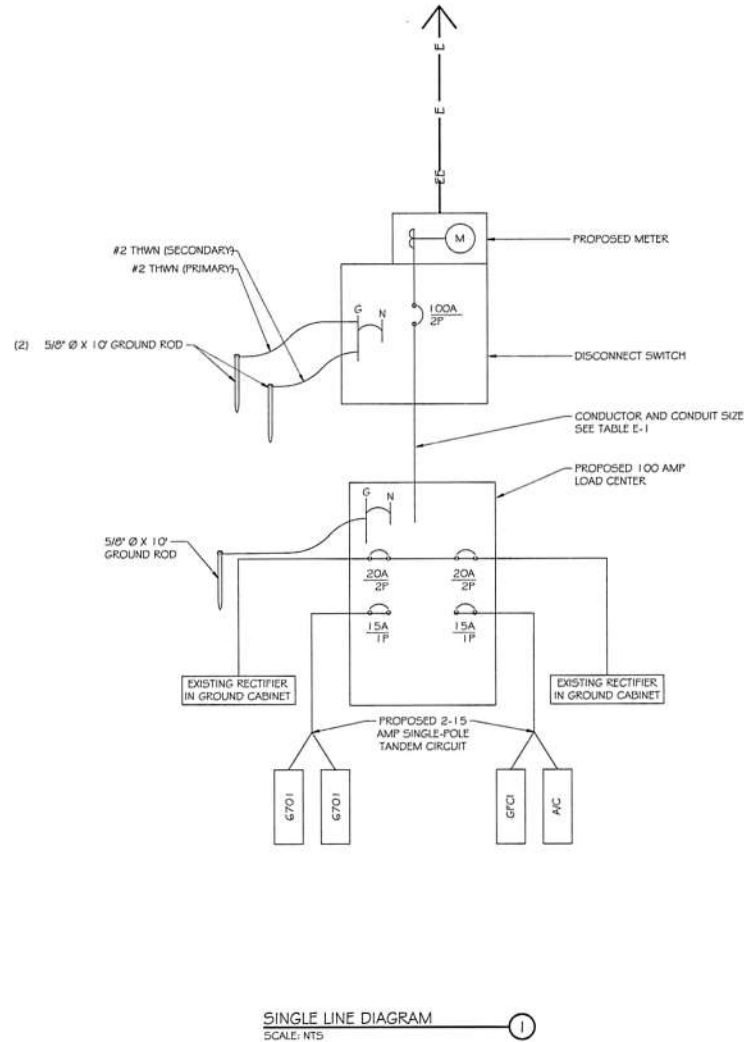
PROJECT NUMBER:	45860
SHEET NUMBER:	A-11

GENERAL ELECTRICAL NOTES

- SUBMITTAL OF BID INDICATED CONTRACTOR IS AWARE OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT.
- CONTRACTOR SHALL PERFORM ALL VERIFICATION OBSERVATION TESTS, AND EXAMINE WORK PRIOR TO THE ORDERING OF THE ELECTRICAL EQUIPMENT AND THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDING TO THE ARCHITECT LISTING ALL MALFUNCTIONS, FAULTY EQUIPMENT AND DISCREPANCIES.
- HEIGHTS SHALL BE VERIFIED WITH OWNER PRIOR TO INSTALLATION.
- THESE PLANS ARE DIAGRAMMATIC ONLY. FOLLOW AS CLOSELY AS POSSIBLE.
- EACH CONDUCTOR OF EVERY SYSTEM SHALL BE PERMANENTLY TAGGED IN EACH PANEL BOARD, PULLBOX, J-BOX, SWITCH BOX, ETC. IN COMPLIANCE WITH OCCUPATIONAL SAFETY AND HEALTH ACT (O.S.H.A.)
- CONTRACTOR SHALL PROVIDE LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSPORTATION, ETC., FOR A COMPLETE AND PROPERLY OPERATIVE SYSTEM ENERGIZED THROUGHOUT AND AS INDICATED ON DRAWINGS, AS SPECIFIED HEREIN AND/OR AS OTHERWISE REQUIRED.
- ALL MATERIAL 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. MATERIALS SHALL BE LISTED AND APPROVED BY THE UNDERWRITERS LABORATORY AND SHALL BEAR THE INSPECTION LABEL "I" WHERE SUBJECT TO SUCH APPROVAL. MATERIALS SHALL MEET WITH APPROVAL OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL GOVERNING BODIES HAVING JURISDICTION. MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA, AND NBP(U.)
- CONTRACTOR SHALL CARRY OUT HIS WORK IN ACCORDANCE WITH ALL GOVERNING STATE, COUNTY AND LOCAL CODES AND O.S.H.A.
- CONTRACTOR SHALL SECURE ALL NECESSARY BUILDING PERMITS.
- COMPLETE JOB SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF JOB ACCEPTANCE BY OWNER. ANY WORK, MATERIAL OR EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD SHALL BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AT THE EXPENSE OF THE CONTRACTOR.
- ALL CONDUIT ONLY (G.O.) SHALL HAVE A PULL WIRE OR ROPE.
- PROVIDE CONSTRUCTION ENGINEER WITH ONE SET OF COMPLETE ELECTRICAL "AS INSTALLED" DRAWINGS AT THE COMPLETION OF THE JOB, SHOWING ACTUAL DIMENSIONS, ROUTINGS, AND CIRCUITS.
- ALL BROCHURES, OPERATING MANUALS, CATALOGS, SHOP DRAWINGS, ETC. SHALL BE TURNED OVER TO THE OWNER AT JOB COMPLETION.
- USE T-TAP CONNECTIONS ON ALL MULTI-CIRCUITS WITH COMMON NEUTRAL CONDUCTOR.
- ALL CONDUCTORS SHALL BE COPPER.
- ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING RATING NOT LESS THE MAXIMUM SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECTED, AND A MINIMUM OF 10,000 A.I.C.
- THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY ALL APPLICABLE CODES AND DRAWINGS.
- RECEPTACLES SHALL BE 20 AMPERE, 125 VOLT A.C., WHITE AS REQUIRED BY THE ARCHITECT OR APPROVED EQUAL.
- WIRE AND CABLE CONDUCTORS SHALL BE COPPER #12 AWG MINIMUM. NO BX OR KOMEX CABLE IS PERMITTED UNLESS SPECIFICALLY NOTED OTHERWISE ON DRAWINGS.
- GROUND RODS SHALL BE AS SPECIFIED ON THE GROUNDING DRAWINGS.
- METER SOCKET AMPERES, VOLTAGE, NUMBER OF PHASES SHALL BE AS NOTED ON THE DRAWINGS. MANUFACTURED BY MILBANK COMPANY OR APPROVED EQUAL.
- ALL MATERIALS SHALL BE U.L. LISTED.
- CONDUIT:
 - SERVICE CONDUITS SHALL BE GRAY SHC-80 PVC BURIED MIN. 36". BENDS SHALL BE MADE USING "WIDE SWEEP" (12" MIN. RADIUS) ELBOW FITTINGS. ANY CODE-REQUIRED RIGID STEEL CONDUIT SHALL BE U.L. LABEL, GALVANIZED INSIDE AND OUTSIDE. CONDUIT SHALL EXTEND MIN. 36" BELOW GRADE, WITH "SWEEP" ELBOWS (12" R. MIN) ENDING IN PVC TRANSITION FITTINGS. RIGID CONDUIT IN CONTACT WITH EARTH SHALL BE 1/2 LAP-WRAPPED WITH HUNTS PROCESS NO. 3 EXTENDING MIN. 12" ABOVE GRADE.
 - INTERIOR CONDUITS SHALL BE ELECTRICAL METALLIC TUBING HAVING U.L. LABEL. FITTINGS SHALL BE GLAND RING COMPRESSION TYPE.
 - FLEXIBLE METALLIC CONDUIT SHALL HAVE U.L. LISTED LABEL AND MAY BE USED WHERE PERMITTED BY CODE. FITTINGS SHALL BE "JACK" OR "SQUEEZE" TYPE. SEAL TIGHT FLEXIBLE CONDUIT. NO SUCH CONDUIT SHALL EXCEED SIX FEET IN LENGTH.
- ALL ELECTRICAL EQUIPMENT SHALL BE LABELED WITH PERMANENT ENGRAVED PLASTIC LABELS.
- PATCH, REPAIR, AND PAINT ANY AREA THAT HAS BEEN DAMAGED IN THE COURSE OF THE ELECTRICAL WORK.
- UPON COMPLETION OF WORK, CONDUCT CONTINUITY, SHORT CIRCUIT, AND FALL POTENTIAL GROUNDING TESTS FOR APPROVAL. SUBMIT TEST REPORTS TO CONSTRUCTION ENGINEER. CLEAN PREMISES OF ALL DEBRIS RESULTING FROM WORK AND LEAVE WORK IN A COMPLETE AND UNDAMAGED CONDITION.
- CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR CONNECTION OF BOTH TEMPORARY AND PERMANENT POWER TO THE SITE. THE TEMPORARY POWER AND ALL HOOKUP COSTS TO BE PAID BY CONTRACTOR.
- CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS AS NECESSARY TO COMPLETE THE INSTALLATION OF ANY TOWER LIGHTING SYSTEM DESCRIBED IN THE RFG.

240 VOLT / 100 AMP VOLTAGE DROP	
Distance (feet)	Conductor Size (THWN copper)
0-240	#2
241-300	#1
301-380	1/0
381-480	2/0
481-600	3/0
601-760	4/0
761-900	250 kcmil
901-1100	300 kcmil
1101-1250	350 kcmil
1251-1450	400 kcmil
1451-1800	500 kcmil
1801-2200	600 kcmil
- Maximum Service Load = 80 amps	
- Maximum Voltage Drop = 3%	

240 VOLT / 1Ø / 100 AMP VOLTAGE DROP	
Distance (feet)	Conductor Size (THWN aluminum)
0-250	1/0
251-320	2/0
321-410	3/0
411-520	4/0
521-610	250 kcmil
611-730	300 kcmil
731-850	350 kcmil
851-970	400 kcmil
971-1220	500 kcmil
1221-1460	600 kcmil
-Maximum Service Load = 80 amps	
-Maximum Voltage Drop = 3%	



SINGLE LINE DIAGRAM
 SCALE: NTS



1701 GOLF RD, TOWER 2, SUITE 400
 ROLLING MEADOWS, IL 60008



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Continuation of Sheet

NO.	DATE	DESCRIPTION	BY	CHKD.
1	4/1/2022	DESIGN CHANGE	ISA	
2	03/12/2020	PRELIMINARY		

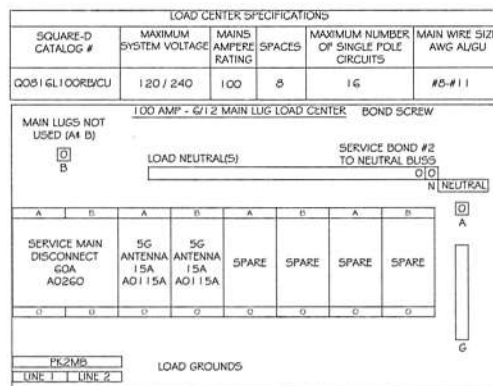
**GREENFIELD
 ELMDALE-SC08
 LOCATION #: 264617**

PROJECT LOCATION:
 3495 HONEY TREE LN.
 GREENFIELD, WI 53221
 MILWAUKEE COUNTY

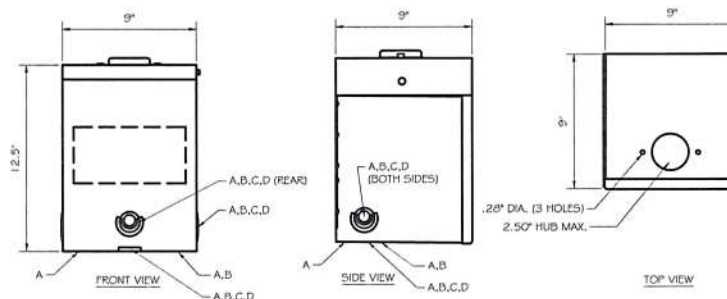
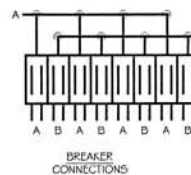
SHEET TITLE:
 ELECTRICAL DETAILS

SCALE: NONE

PROJECT NUMBER: 4560
 SHEET NUMBER: E-1



KNOCKOUTS				
SYMBOL	A	B	C	D
INCHES	.5	.75	1.0	1.25
MM	.5	.5	.5	.5



LOAD CENTER DETAIL
SCALE: NTS

1

verizon

1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008



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Certification & Seal

REV	DATE	DESCRIPTION	INITIALS
B	06/09/20	UPDATED PERM CD	STL
A	4/1/2021	DESIGN CHANGE	ISA

PROJECT TITLE: GREENFIELD ELMDALE-SC08 LOCATION #: 264617

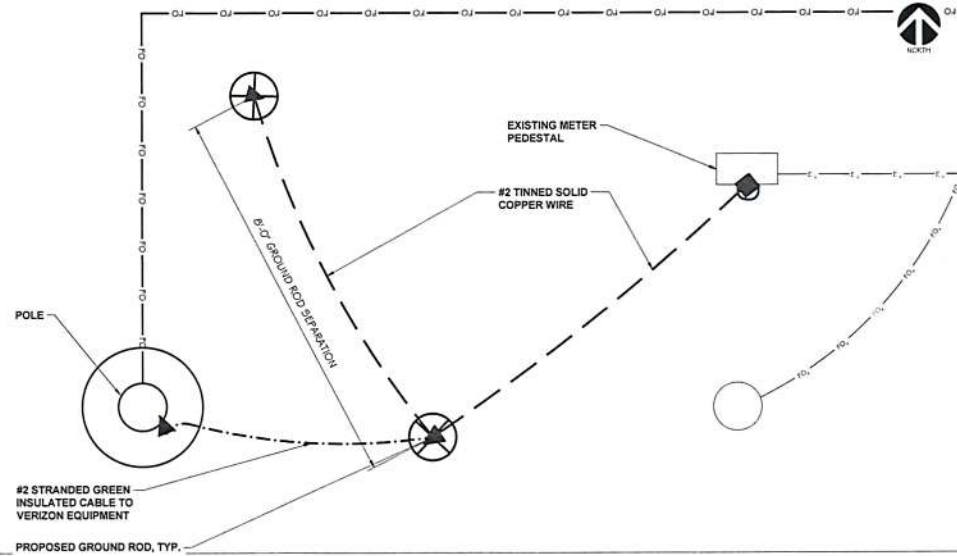
**GREENFIELD
ELMDALE-SC08
LOCATION #: 264617**

PROJECT LOCATION:
3495 HONEY TREE LN.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:
ELECTRICAL DETAILS

SCALE: NONE

PROJECT NUMBER: 45660
SHEET NUMBER: E-2



PROPOSED METER ON PEDESTAL

3/4" DIAMETER FLEX CONDUIT TO HOUSE GROUND FROM METER

FINISHED GRADE

#2 TINNED SOLID COPPER WIRE FROM METER TO GROUND ROD

8" MINIMUM RADIUS

1'-0"

4'-0"

8'-0"

METER

PROPOSED POLE

(2) #2 STRANDED GREEN INSULATED CABLES FROM INSIDE OF POLE. (1) POLE GROUNDING.

(2) #2 STRANDED GREEN INSULATED CABLES FROM INSIDE OF POLE. (1) VERIZON EQUIPMENT GROUNDING.

FINISHED GRADE

8" MINIMUM RADIUS

CADWELD CONNECTION TYPE

(2) 3/4" Ø x 10' LONG COPPER CLAD GROUND RODS. (1) POLE GROUNDING AND (1) VERIZON EQUIPMENT GROUNDING.

POLE

GROUNDING DETAILS

SCALE: NTS

2

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GENERAL NOTES: WORK INCLUDED:

- THESE NOTES AND ACCOMPANYING DRAWINGS COMPLEMENT THE PROVISIONS AND INSTALLATIONS BY THE ELECTRICAL CONTRACTOR, OF ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO INSTALL THE ELECTRICAL WORK COMPLETE IN CONNECTION WITH THIS VERIZON WIRELESS SITE AND SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
 - THE PROVISIONS, INSTALLATION, AND CONNECTION OF A GROUNDING ELECTRODE SYSTEM COMPLETE WITH A BUILDING AND SECONDARY GROUNDING, CELLULAR TELEPHONE COMMUNICATIONS TOWER AND CONNECTIONS TO THE INCOMING ELECTRICAL DISTRIBUTION EQUIPMENT.
 - THE PROVISION AND INSTALLATION OF AN OVERHEAD ELECTRICAL SERVICE OR UNDERGROUND ELECTRICAL SERVICE AND ALL ASSOCIATED WIRE AND CONDUIT AS REQUIRED AND/OR INDICATED ON PLANS.
 - THE PROVISION, INSTALLATION OF CONDUIT AND CONNECTIONS FOR LOCAL.
 - THE FURNISHING AND INSTALLATION OF THE ELECTRICAL SERVICE ENTRANCE CONDUCTORS, CONDUITS, METER SOCKET, AND CONNECTIONS TO THE SERVICE EQUIPMENT WITHIN THE ENCLOSURE.
 - TWO INCH (2") AND THREE INCH (3") DIAMETER PVC CONDUITS SCHEDULE 40.
 - ALL PVC CONDUITS SHOULD BE LEFT WITH NYLON PULL CORD FOR FUTURE USE.
 - EXCAVATION, TRENCHING, AND BACKFILLING FOR CONDUITS, CABLES, AND EXTERNAL GROUNDING SYSTEM.

CODES, PERMITS, AND FEES:

- ALL REQUIRED PERMITS, LICENSES, INSPECTIONS AND APPROVALS SHALL BE SECURED AND ALL FEES FOR SAME PAID BY CONTRACTOR.
- THE INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CODES: STATE, LOCAL AND NATIONAL, AND THE DESIGN, PERFORMANCE CHARACTERISTICS AND METHODS OF CONSTRUCTION OF ALL ITEMS AND EQUIPMENT SHALL BE IN ACCORDANCE WITH THE LATEST ISSUE OF THE VARIOUS APPLICABLE STANDARD SPECIFICATIONS OF THE FOLLOWING AUTHORITIES:

N.E.C.	NATIONAL ELECTRIC CODE
A.N.S.I.	AMERICAN NATIONAL STANDARDS INSTITUTE
I.E.E.E.	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
A.S.T.M.	AMERICAN SOCIETY FOR TESTING MATERIALS
N.E.M.A.	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
U.L.	UNDERWRITERS LABORATORIES, INC.
N.F.P.A.	NATIONAL FIRE PROTECTION ASSOCIATION

GROUNDING ELECTRODE SYSTEM:

- CONNECTIONS
 - ALL GROUNDING CONNECTIONS SHALL BE MADE BY THE "CADCWELD" PROCESS CONNECTIONS SHALL INCLUDE ALL CABLE TO CABLE, SPICES, ETC. ALL CABLE TO GROUND RODS, GROUND RODS SPICES AND LIGHTNING PROTECTION SYSTEM AS INDICATED. GROUND FOUNDATION ONLY AS INDICATED BY PM. ALL MATERIALS USED (MOLDS, WELDING, METAL, TOOLS, ETC.) SHALL BE BY "CADCWELD" PROCESS AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND PROCEDURES, GROUND CONDUCTOR SHALL HAVE A MINIMUM 24" BENDING RADIUS.
 - ALL CADCWELD CONNECTIONS ON GALVANIZED SURFACES SHALL BE CLEANED THOROUGHLY AND COLORED TO MATCH SURFACE WITH (2) TWO COATS OF SHERWIN-WILLIAMS GALVITE (WHITE) PAINT B50W3 (OR EQUAL) OR SHERWIN-WILLIAMS SILVERBRITTE (ALUMINUM) B59511 (OR EQUAL).
 - ALL ELECTRICAL & MECHANICAL GROUND CONNECTIONS SHALL HAVE ANTI-OXIDANT COMPOUND APPLIED TO CONNECTION.
 - FENCEGATE:
 - GROUND FENCE POSTS WITHIN 6 FEET OF ENCLOSURE AND 25 FEET OF TOWER AS INDICATED ON DRAWINGS. GROUND EACH GATE POST AND CORNER POST. GROUND CONNECTIONS TO FENCE POSTS SHALL BE MADE BY THE "CADCWELD" PROCESS AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND PROCEDURES. ALL OTHER CONNECTIONS FOR THE GROUND GRID SYSTEM SHALL BE MADE BY THE "CADCWELD" PROCESS, AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND PROCEDURES.
 - UTILITY COMPANY COORDINATION:
 - ELECTRICAL CONTRACTOR SHALL CONFIRM THAT ALL WORK IS IN ACCORDANCE WITH THE RULES OF THE LOCAL UTILITY COMPANY BEFORE SUBMITTING THE BID. THE CONTRACTOR SHALL CHECK WITH THE UTILITY COMPANIES SUPPLYING SERVICE TO THIS PROJECT AND SHALL DETERMINE FROM THEM ALL EQUIPMENT AND CHARGES WHICH THEY WILL REQUIRE AND SHALL INCLUDE THE COST IN THE BID.
 - GROUND TEST:
 - GROUND TESTS SHALL BE PERFORMED AS REQUIRED BY VERIZON STANDARD PROCEDURES. GROUND GRID RESISTANCE SHALL NOT EXCEED 5 OHMS.
 - CONTRACTOR SHALL SUBMIT THE GROUND RESISTANCE TEST REPORT AS FOLLOWS:
 - ONE (1) COPY TO OWNER REPRESENTATIVE
 - ONE (1) COPY TO ENGINEER
 - ONE (1) COPY TO KEEP INSIDE EQUIPMENT ENCLOSURE

GENERAL NOTES:

SEE DETAILS AND SCHEDULES ON DRAWINGS AND SPECIFICATIONS FOR MEANING OF ABBREVIATIONS AND ADDITIONAL REQUIREMENTS AND INFORMATION. CHECK ARCHITECTURAL, STRUCTURAL AND OTHER MECHANICAL AND ELECTRICAL DRAWINGS FOR SCALE, SPACE LIMITATIONS, COORDINATION, AND ADDITIONAL INFORMATION, ETC. REPORT ANY DISCREPANCIES, CONFLICTS, ETC. TO ENGINEER BEFORE SUBMITTING BID. ALL EQUIPMENT FURNISHED BY OTHERS (FBO) SHALL BE PROVIDED WITH PROPER MOTOR STARTERS, DISCONNECTS, CONTROLS, ETC. BY THE ELECTRICAL CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE. THE ELECTRICAL CONTRACTOR SHALL INSTALL AND COMPLETELY WIRE ALL ASSOCIATED EQUIPMENT IN ACCORDANCE WITH MANUFACTURERS WIRE DIAGRAMS AND AS REQUIRED FOR A COMPLETE OPERATING INSTALLATION. ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF (FBO) EQUIPMENT PRIOR TO ROUGH-IN OF CONDUIT AND WIRING TO AVOID CONFLICTS.

COORDINATION WITH UTILITY COMPANY:

THE ELECTRICAL CONTRACTOR SHALL COORDINATE COMPLETE ELECTRICAL SERVICE WITH LOCAL UTILITY COMPANY FOR A COMPLETE OPERATIONS SYSTEM, INCLUDING TRANSFORMER CONNECTIONS, CONCRETE TRANSFORMER PADS, IF REQUIRED, METER SOCKETS, PRIMARY CABLE RACEWAY REQUIREMENTS, SECONDARY SERVICE, ETC. PRIOR TO SUBMITTING BID TO INCLUDE ALL LABOR AND MATERIALS. THE ELECTRICAL CONTRACTOR SHALL INCLUDE IN THE BID ANY OPTIONAL OR EXCESS FACILITY CHARGES ASSOCIATED WITH PROVIDING ELECTRICAL SERVICE FROM LOCAL UTILITY COMPANY. VERIFY BEFORE BIDDING TO INCLUDE ALL COSTS. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE AVAILABLE FAULT CURRENT WITH THE LOCAL UTILITY COMPANY PRIOR TO SUBMITTING BID. ADJUST A.I.C. RATINGS OF ALL OVERCURRENT PROTECTION DEVICES IN DISTRIBUTION EQUIPMENT AS REQUIRED TO COORDINATE WITH AVAILABLE FAULT CURRENT FROM LOCAL UTILITY COMPANY. ALL GROUNDING RODS PROVIDED BY THE POWER OR TELEPHONE UTILITY COMPANIES MUST BE TIED INTO THE MAIN EXTERNAL GROUND RING.

NOTES:

CADCWELD "TYPES" SHOWN ARE EXAMPLES. CONSULT WITH PROJECT MANAGER FOR OTHER POSSIBLE TYPES OF CADCWELDS THAT CAN BE USED IN STANDARD TOR SPECIALLY DESIGNED GROUNDING PLANS.
CONTRACTOR TO PROVIDE ALL REQUIRED CADCWELD CONNECTIONS.



TYPE GR



TYPE PT



TYPE VBC



TYPE GT



TYPE VB
(TOWER GROUND TAB)



TYPE VT

SOLID COPPER WIRE TO POST CONNECTION
- FENCE LEAD TO FENCE POST
- LEADS TO UTILITY RACK & ICE BRIDGE POSTS

CADCWELD DETAILS
SCALE: NTS

1

PROPOSED ANTENNA



PROPOSED #6 AWG STRANDED COPPER THIN GREEN INSULATION, FROM ANTENNA AND ANTENNA MOUNT TO GROUND LEAD TO GROUND ROD, TYP.

PROPOSED #6 AWG STRANDED COPPER THIN GREEN INSULATION, FROM (2) AIRS 1 21 ANTENNAS TO GROUND LEAD TO GROUND ROD, TYP.

PROPOSED #3 STRANDED CONDUCTOR

EXISTING #6 AWG STRANDED COPPER THIN GREEN INSULATION, FROM EXISTING RUS TO GROUND LEAD TO GROUND ROD, TYP.

MECHANICAL CONNECTION TO POLE

#2 STRANDED GREEN INSULATED GROUND CABLE TO RUN IN 1" CONDUIT THROUGH POLE FOUNDATION FROM LIGHT POLE TO GROUND ROD.

#2 STRANDED GREEN INSULATED GROUND CABLE TO RUN IN 1" CONDUIT THROUGH POLE FOUNDATION FROM VERIZON EQUIPMENT TO GROUND ROD.

GRADE

PROPOSED GROUND WIRES, TYP.

PROPOSED POLE FOUNDATION

PROPOSED GROUND RODS

TYPICAL GROUNDING DIAGRAM
SCALE: NTS

2



1701 GOLF RD, TOWER 2, SUITE 400
ROLLING MEADOWS, IL 60008



RAMAKER
employee-owned

(608) 643-4100 www.ramaker.com

Certification & Date

DATE	03/02/22	UPDATED PRELIM CD:	DTL
DATE	03/02/22	DESIGN CHANGE	ISA
DATE	03/02/22	DESCRIPTION	INITIALS

PROJECT TITLE:

**GREENFIELD
ELMDALE-SC08
LOCATION #: 264617**

PROJECT LOCATION:
3495 MONEY TREE LN.
GREENFIELD, WI 53221
MILWAUKEE COUNTY

SHEET TITLE:
GROUNDING DETAILS

SCALE: NONE

PROJECT NUMBER: 45860
SHEET NUMBER: G-2



Common Council Meeting

Introduced By: Department of Neighborhood Services (Katz)

Date Introduced: September 20, 2022

RELATING TO:

Approve waiver of appraisal and deed transferring land and a temporary easement to the Wisconsin Department of Transportation for the Loomis Bridge project.

SUMMARY:

The Wisconsin Department of Transportation (WisDOT) will be reconstructing the Loomis Bridge in 2023.

The project includes the installation of sidewalk adjacent to the city's Turf Skatepark parcel.

WisDOT needs a very small amount of land and a temporary easement is to construct the sidewalk.

The value of the land is minimal and it is recommended that it be donated without an appraisal. The city's residents will benefit from having the sidewalk.

FINANCIAL:

None.

RECOMMENDATION:

Approve waiver of appraisal and deed transferring land and a temporary easement to the Wisconsin Department of Transportation for the Loomis Bridge project.

ATTACHMENTS: KEY ISSUES ____ BACKGROUND ____ RESOLUTION ____ FISCAL NOTE ____
MOTION ____ OTHER ____

**DONATION - WAIVER OF APPRAISAL
RECOMMENDATION AND APPROVAL**

RE1896 10/2018 Ch. 32 Wis. Stats.

Wisconsin Department of Transportation

Owner
City of Greenfield

Acres/sq. ft. required
0.003 Acres

Interest required
0.003 acres of Land, 0.002 acres of Temporary Limited
Easement (TLE)

The undersigned owner(s) of the above lands declare an intent to dedicate said lands.

Having been fully informed of the right to have the property appraised and to receive just compensation based upon an appraisal, the undersigned further state that the decision to dedicate said lands was made without any undue influence or coercive action of any nature, and that the right to an appraisal and to just compensation is hereby waived. WisDOT estimates the value of the donation at \$500.

Allocation	Description	Size	Unit	Per Unit	Value (\$)
Land		0.003	Acres	\$150,000.00	\$450.00
Temporary Limited Easement (TLE)		0.002	Acres	\$25,000.00	\$50.00

Total Allocation \$500.00
Rounded To \$500.00

It is intended that the instrument of conveyance will be executed upon presentation by Wisconsin Department of Transportation agents or representatives.

Owner Signature _____ Date _____

City of Greenfield Representative _____

Print Name - Title _____

APPROVING AUTHORITY RECOMMENDATION:

Agent Signature _____ Date _____

Print Name _____

APPROVING AUTHORITY APPROVAL:

Management Signature _____ Date _____

Print Name _____



Q J 9 6 9 1 4 7

Project
1100-46-22

County
Milwaukee

Parcel
13

QUIT CLAIM DEED

Wisconsin Department of Transportation
Exempt from fee [s. 77.25(2r) Wis. Stats.]
RE1562 12/2021

THIS DEED, made by **City of Greenfield** GRANTOR, quit claims the property described below to the Wisconsin Department of Transportation, GRANTEE, for the sum of **One Dollar and Other Valuable Considerations (\$1.00)**.

Other persons having an interest of record in the property:

This is **not** homestead property.

LEGAL DESCRIPTION IS ATTACHED AND MADE A PART OF THIS DOCUMENT BY REFERENCE.

Any person named in this deed may make an appeal from the amount of compensation within six months after the date of recording of this deed as set forth in s. 32.05(2a) Wisconsin Statutes. For the purpose of any such appeal, the amount of compensation stated on the deed shall be treated as the award, and the date the deed is recorded shall be treated as the date of taking and the date of evaluation.

This space is reserved for recording data

Return to
Wisconsin Department of Transportation
WisDOT SE Region 141 NW Barstow Street
Waukesha, WI 53187-0798

Parcel Identification Number/Tax Key Number
600-9955-008

Signature _____ Date _____
City of Greenfield
Print Name _____

Signature _____ Date _____
Print Name _____

Signature _____ Date _____
Print Name _____

Signature _____ Date _____
Print Name _____

Signature _____ Date _____

Print Name _____

Signature _____ Date _____

Print Name and Title _____

_____ Date _____

State of Wisconsin)
) ss.
Milwaukee County)

On the above date, this instrument was acknowledged before me by the named person(s).

The signer was: _____ Physically in my presence. OR

_____ In my presence involving the use of communication technology.

Signature, Notary Public, State of Wisconsin _____

Print Name, Notary Public, State of Wisconsin _____

Date Commission Expires _____



Q J 9 6 9 1 5 9

Project ID
1100-46-22

This instrument was drafted by
Wisconsin Department of Transportation

Parcel No.
13

LEGAL DESCRIPTION

Fee Title in and to the following tract of land in City of Greenfield, Milwaukee County, State of Wisconsin, described as:

That part of Lot 1 of Certified Survey Map 9312, as Document 11105431, in the Southwest 1/4 of the Southwest 1/4 of Section 24, Township 6 North, Range 21 East, described as follows:

Beginning at the Southwest corner of said Lot 1; thence North 27°18'33" East along the east line of STH 36, 4.52 feet to the north line of said Lot 1; thence South 89°54'40" East along said north line, 11.17 feet; thence South 07°48'19" West, 12.25 feet to the north line of IH-894; thence North 54°54'12" West along said north line, 14.15 feet to the point of beginning.

This parcel contains **0.003 Acres**, more or less.

Also, a **Temporary Limited Easement** for slopes and construction, as defined herein, including for such purpose the right to operate the necessary equipment thereon and the right of ingress and egress as long as required for such public purpose, including the right to preserve, protect, remove, or plant thereon any vegetation that the highway authorities may deem necessary or desirable, in and to the following tract of land in the City of Greenfield, Milwaukee County, State of Wisconsin, described as:

Commencing at the Southwest corner of said Lot 1, thence South 54°54'12" East along the north line of IH-894, 14.15 feet to the point of beginning; thence North 07°48'19" East, 12.25 feet to the north line of said Lot 1; thence South 89° 54'40" East along said north line, 8.68 feet; thence South 32°35'38" West, 15.88 feet to aforesaid north line; thence North 54°54'12" West along said north line, 2.19 feet to the point of beginning.

This parcel contains **0.002 Acres**, more or less.

The above easement is to terminate upon the completion of this project or on the day the highway is open to the traveling public, whichever is later.

The Rights of Landowners Under Wisconsin Eminent Domain Law



Procedures Under Wis. Stat. § 32.05: Highways, Streets, Storm & Sanitary Sewers, Watercourses, Alleys, Airports and Mass Transit Facilities

This brochure provides information on the condemnation process in Wisconsin, including the rights of impacted property owners. More detailed information is available in Wis. Stat. Ch. 32.

November 2021

INTRODUCTION

The Wisconsin Constitution, Article 1, section 13, establishes eminent domain authority, which is the power to take private property for a public purpose with payment of just compensation. The Eminent Domain Law, Wis. Stat. Ch. 32, vests several public and private entities with eminent domain power. Condemnation is the legal process by which the acquiring agency exercises its eminent domain power.

The following are jurisdictional requirements the acquiring agency must obey in order to condemn property. Even if an acquiring agency does not intend to obtain property via condemnation, it must comply with the requirements of Chapter 32 when proceeding with an activity that may involve displacement of persons, business concerns, or farm operations.

RELOCATION ORDER

Specific entities are required to make a relocation order that provides for the laying out, relocation and improvement of a transportation-related facility prior to initiating negotiations. The order must include a map or plat showing the old and new facility locations, as well as the land and interests required for the project. Within 20 days of issue, a copy of the order must be filed with the county clerk where the lands are located.

APPRAISAL

The acquiring agency must obtain at least one appraisal for each property it will acquire prior to initiating negotiations. When obtaining and drafting the appraisal, the appraiser must consult with the property owner. Once completed, the appraiser must provide the owner with a full narrative appraisal. Also, the acquiring agency must notify the owner that he/she may obtain his/her own appraisal at the (reasonable) expense of the acquiring agency. The owner's appraisal must be submitted to the acquiring agency within 60 days of receiving the agency's appraisal.

NEGOTIATIONS

The acquiring agency must negotiate with the property owner for purchase of the property and must consider the full narrative appraisal to establish the property's fair market value. It must provide a map showing all property the project impacts and the names of at least 10 neighbors who are receiving offers. If the project affects fewer than 10 owners, the acquiring agency must give the names of all offerees. Property owners may inspect and make copies of any maps the acquiring agency holds. The acquiring agency may present relocation benefits during negotiations if relocation of displaced persons is required.

In partial acquisitions, fair market value is the greater of (1) the fair market value of the part acquired, or (2) the difference between the entire property value before and after acquisition. If only part of the property is acquired and an uneconomic remnant remains, the acquiring agency must offer to acquire the uneconomic remnant. An uneconomic remnant is the property remaining after a partial taking, if it is of such size, shape, or condition to be of little value or of substantially impaired economic viability.

Compensation for an easement is the difference between the property value immediately before and immediately after the date of evaluation. The date of evaluation is the date the conveyance is recorded by the county register of deeds.

If the property owner agrees to a negotiated sale, the acquiring agency must record the conveyance with the county register of deeds. After recording, the acquiring agency must provide notice of the conveyance to all owners of record, by certified mail or personal service, as well as of their right to appeal the compensation award within 6 months of the recording date.

JURISDICTIONAL OFFER

If negotiations fail, the acquiring agency must provide the property owner with a jurisdictional offer. The offer must be delivered by certified mail or personal service and include (1) a description of the nature of the project; (2) a description of the property to be acquired; (3) the proposed date of occupancy; (4) the compensation offer; (5) notice that any additional items payable may be claimed for relocation assistance; (6) a statement that the appraisal on which the offer is based is available for viewing; and (7) notice that the owner has 2 years from the date the acquiring agency takes the property by award to appeal for greater compensation, even if the owner has already accepted and used the award.

A *lis pendens* gives notice to interested parties that the property may be acquired for public use. One must be filed with the county register of deeds within 14 days of personal service or mailing of the jurisdictional offer. An owner must accept or reject the jurisdictional offer within 20 days of personal service or mailing. If accepted, title transfers to the acquiring agency and the owner must be paid within 60 days. If rejected in writing by all owners of record, the acquiring agency may make an award of compensation.

CONTESTING THE RIGHT OF CONDEMNATION

Within 40 days from the date of service or mailing of the jurisdictional offer, an owner who wants to contest the right of condemnation for any reason other than inadequacy of the amount of compensation, may commence an action in the circuit court of the county where the property is located, naming the acquiring agency as the defendant. However, if the owner has already accepted and retained any of the compensation, such an action may not be filed.

AWARD OF COMPENSATION

If the owner fails to accept the jurisdictional offer within 20 days of personal service or mailing, or if all owners of record reject the offer in writing, the acquiring agency may deliver a written award of damages by certified mail or personal service. This is called the award of compensation and must include (1) a property description; (2) a description of the interest to be acquired; (3) the date of occupancy; (4) the amount of compensation (at least equal to the jurisdictional offer); and (5) a statement that the acquiring agency has complied with all jurisdictional requirements.

After the acquiring agency has served the award and provided payment, it shall record the award with the county register of deeds. At the time of recording, title vests in the acquiring agency. This date is called the date of evaluation.

OCCUPANCY & WRIT OF ASSISTANCE

No person occupying real property may be required by the acquiring agency to move from a home or business without at least a 90-day written notice. If title vests with the acquiring agency before the 90-day period ends, the occupant may remain in the property rent-free for the first 30 days, beginning on the 1st or 15th day of the month after title vests with the acquiring agency. If the occupant denies the agency the right of possession at the end of the 90-day period, the agency may apply to the circuit court for a writ of assistance to be put in possession of the property upon 48-hour notice to the occupant. The court shall grant the writ of assistance if all jurisdictional requirements to condemn have been met, the award has been paid and a comparable property has been made available.

This pamphlet is published by the Wisconsin Department of Administration in cooperation with the Attorney General pursuant to Wis. Stat. § 32.26(6). It is not to be construed as legal advice. A displacing agency must make this pamphlet available to a displaced person before initiation of negotiations for acquisition of property for a public project.

Relocation Assistance Division of Legal Services
Department of Administration
101 E. Wilson Street
Madison, WI 53703
Phone: (608) 266-2887
Email: TracyM.Smith@wisconsin.gov
www.doa.wi.gov

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACREAGE COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE DEPARTMENT.
*=CALCULATED **=SQUARE FEET

PARCEL NUMBER	PROJECT FUNDING I.D.	SHEET NUMBER	*OWNER	INTEREST REQUIRED	R/W ACRE(S) REQUIRED (ACRES)			TLE AREA	PARCEL NUMBER
					NEW	EXISTING	TOTAL		
1(2)	1100-46-21	4.04	ELIMINATED	--	--	--	--	--	1(2)
2(2)	1100-46-21	4.04	COBALT DEVELOPMENT HOLDINGS LLC	TLE	--	--	--	0.033	2(2)
3	1100-46-21	4.04	KIRIAKI INC.	TLE		--	--	0.003	3
4	1100-46-21	4.04	4340 W. LOOMIS RD LLC	FEE, TLE	0.035	--	0.035	0.151	4
5(2)	1100-46-21	4.04	COBALT DEVELOPMENT HOLDINGS LLC	FEE, TLE	0.085	--	0.085	0.201	5(2)
6(2)	1100-46-21	4.04, 4.05	ELIMINATED	--	--	--	--	--	6(2)
7(2)	1100-46-22	4.05	ELIMINATED	--	--	--	--	--	7(2)
8	1100-46-22	4.05	TIMOTHY S. & CHRISTINE G. BOYEA	TLE	--	--	--	0.027	8
9	1100-46-22	4.05	ARHC LMGFDWI101 LLC	TLE	--	--	--	0.005	9
10	1100-46-21	4.05	SHAF INTERNATIONAL INC	FEE, TLE	0.012	--	0.012	0.056	10
11	1100-46-22	4.05	6801 LLC	TLE	--	--	--	0.028	11
12	1100-46-22	4.05	WHITMORE	TLE	--	--	--	0.001	12
13(2)	1100-46-22	4.05	CITY OF GREENFIELD	FEE, TLE	0.003	--	0.003	0.002	13(2)

UTILITY NUMBER	SHEET NUMBER	*OWNER	INTEREST REQUIRED
500	4.04, 4.05	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
504	4.04, 4.05	AT&T WISCONSIN	RELEASE OF RIGHTS
505	4.04, 4.05	AMERICAN TRANSMISSION COMPANY	RELEASE OF RIGHTS
509	4.04, 4.05	VOICESTREAM	RELEASE OF RIGHTS
UA520	4.05	CITY OF GREENFIELD - SANITARY	UTILITY AGREEMENT
UA521	4.04, 4.05	CITY OF MILWAUKEE - WATER	UTILITY AGREEMENT

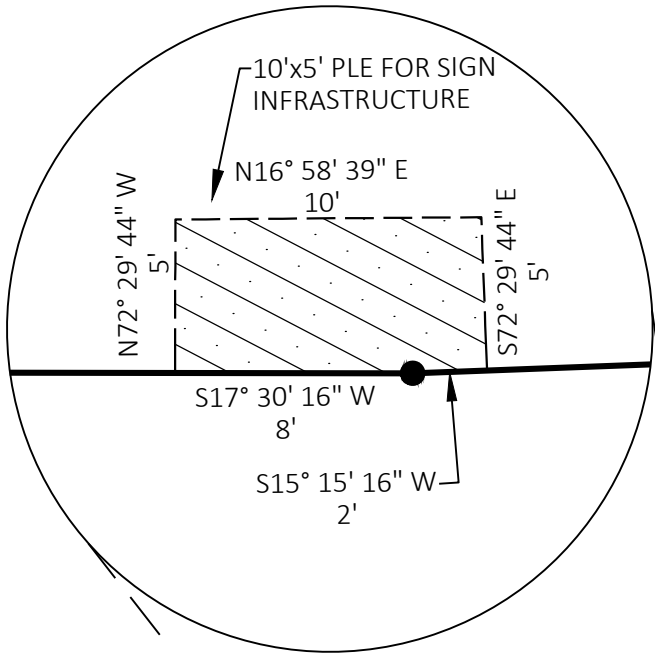
REVISION DATE 07/05/2022 	DATE 11/16/2021		SCALE, FEET 050100	HWY: IH 43	STATE R/W PROJECT NUMBER 1100-46-21/22	PLAT SHEET 4.02	E
	GRID FACTOR			COUNTY: MILWAUKEE	CONSTRUCTION PROJECT NUMBER 1100-46-71	PS&E SHEET	



REVISION DATE 07/05/2022	_____	_____	_____	DATE 11/16/2021	SCALE, FEET 0 50 100	HWY: IH 43	STATE R/W PROJECT NUMBER 1100-46-21/22	PLAT SHEET 4.03	E
	_____	_____	_____	GRID FACTOR _____		COUNTY: MILWAUKEE	CONSTRUCTION PROJECT NUMBER 1100-46-71	PS&E SHEET _____	

ROAD NAME	BASIS OF EXISTING R/W AND ACCESS	YEAR	WIDTH
STH 36	T064-1(34)	1965	120'
IH-894	I894-7(2)306	1957	VARIES
IH-894	1090-27-20	2009	VARIES
LAYTON AVENUE	SHIRLEY CREST ADDITION	1927	120'
IH-894	CSM 9312	2021	VARIES
STH 36	CSM 9313	2021	VARIES

Point	Station	Offset
PLE145	84+94.98	-65.00'
PLE146	84+94.98	-70.00'
PLE147	85+04.94	-70.09'
PLE148	85+05.14	-65.10'



Curve Table				
Curve #	Length	Radius	Chord Bearing	Chord Length
C10	117.24	1145.92	S24° 22' 41" W	117.19
C24	300.81	1085.92	S35° 14' 42" W	299.85
C25	138.63	936.42	N35° 08' 43" E	138.51
C27	141.38	946.42	N35° 11' 33" E	141.24

Line Table		
Line #	Length	Direction
L1	4.52'	N27° 18' 33" E
L2	11.17'	S89° 54' 40" E
L3	12.25'	S07° 48' 19" W
L4	14.15'	N54° 54' 12" W
L5	8.68'	S89° 54' 40" E
L7	15.88'	S32° 35' 38" W
L8	2.19'	N54° 54' 12" W
L13	91.85'	N32° 35' 38" E
L14	93.13'	N32° 35' 38" E
L25	6.39'	N07° 48' 19" E

(500) WE ENERGIES - ELECTRIC
PARCEL 4 - DOC. NO. 4192213
PARCEL 4 - DOC. NO. 4805283
PARCEL 6 - DOC. NO. 4567551
PARCEL 6 - DOC. NO. 1279973
PARCEL 6 - DOC. NO. 8395132

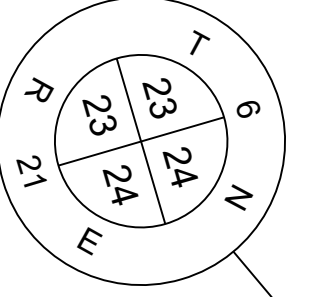
(504) AT&T WISCONSIN
PARCEL 4 - DOC. NO. 4192213

(505) AMERICAN TRANSMISSION COMPANY
PARCEL 5 - DOC. NO. 1279973
PARCEL 5 - DOC. NO. 801366
PARCEL 6 - DOC. NO. 4158411
PARCEL 6 - DOC. NO. 1279973
PARCEL 6 - DOC. NO. 801366

UA 521 CITY OF MILWAUKEE - WATER

CURVE 1
PI STA = 93+14.91
Y = 271960.810
X = 590234.949
DELTA = 25°40'34"
D = 5°00'00"
T = 261.15'
L = 513.52'
R = 1145.90'
PC STA = 90+53.77
PT STA = 95+67.29

CONC MONUMENT
WITH BRASS CAP
Y = 213538.541
X = 590213.022

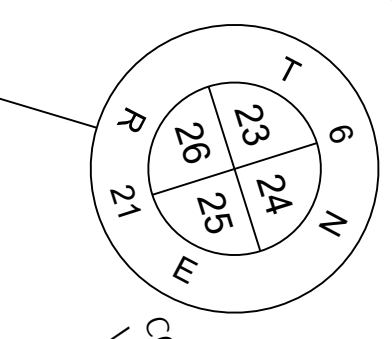


W. LOOMIS ROAD (STH 36)

BEGIN RELOCATION ORDER
STA. 82+81.40
Y = 270975.135
X = 589924.082

W. LAYTON AVENUE
SE 1/4 - SE 1/4

S. 43rd STREET



CONC MONUMENT
WITH BRASS CAP
Y = 210705.122
X = 590161.832

SCALE, FEET



HWY: IH 43

COUNTY: MILWAUKEE

STATE R/W PROJECT NUMBER 1100-46-21/22

CONSTRUCTION PROJECT NUMBER 1100-46-71

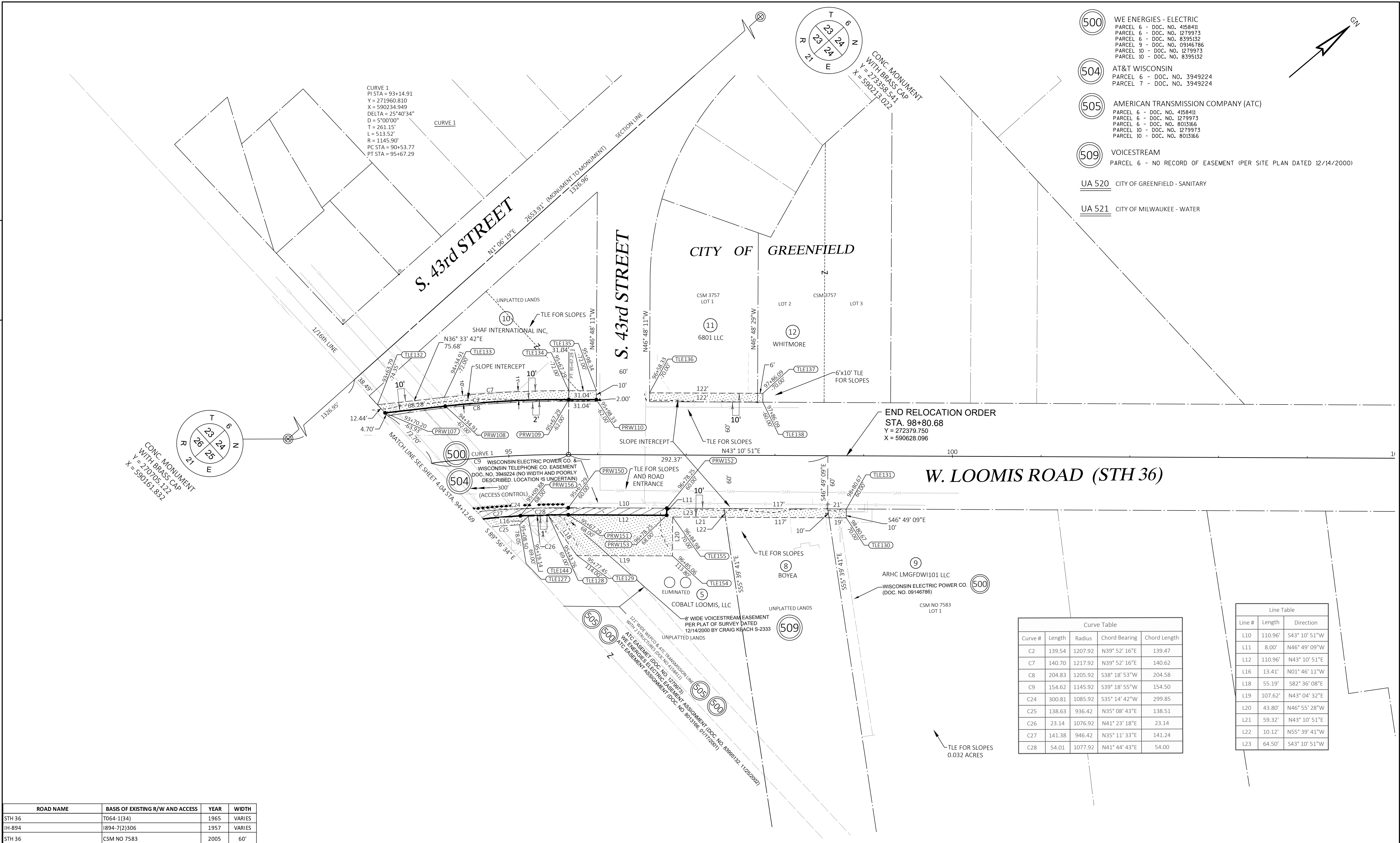
PLAT SHEET 4.04

PS&E SHEET

E

4

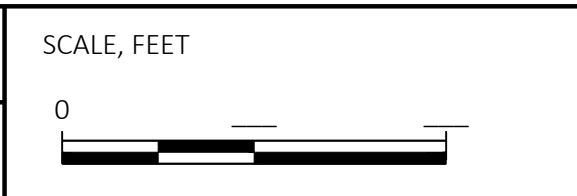
4



ROAD NAME	BASIS OF EXISTING R/W AND ACCESS	YEAR	WIDTH
STH 36	T064-1(34)	1965	VARIES
IH-894	I894-7(2)306	1957	VARIES
STH 36	CSM NO 7583	2005	60'

REVISION DATE 07/05/2022			

DATE 11/16/2021
GRID FACTOR



HWY: IH 43
COUNTY: MILWAUKEE

STATE R/W PROJECT NUMBER 1100-46-21/22
CONSTRUCTION PROJECT NUMBER 1100-46-71

PLAT SHEET 4.05
PS&E SHEET
E



Common Council Meeting

Introduced By: Department of Neighborhood Services (Katz)

Date Introduced:

RELATING TO:

Approve an agreement with Daniel R. Cork and Robin L. Cork to allow a private fence in a permanent City sanitary sewer easement at 5037 South 41st Street, Tax Key No. 621-9927-002.

SUMMARY:

The City received a request to construct a private fence on a permanent City sanitary sewer easement at 5037 S 41st St, Tax Key No. 621-9927-002.

Prior to permitting anything in an easement, the City requires applicant to enter into an agreement to address certain terms and conditions.

FINANCIAL:

Applicant is required to pay \$30 to cover the Register of Deeds recording fee.

RECOMMENDATION:

Approve an agreement with Daniel R. Cork and Robin L. Cork to allow a private fence in a permanent City sanitary sewer easement at 5037 South 41st Street, Tax Key No. 621-9927-002.

ATTACHMENTS: KEY ISSUES ___ BACKGROUND ___ RESOLUTION ___ FISCAL NOTE ___
MOTION ___ OTHER ___

**CORK FENCE
AGREEMENT**

This Agreement made this 20th day of September, 2022, by and between the **CITY OF GREENFIELD**, a municipal corporation, duly organized and existing under the laws of the State of Wisconsin, with principal offices at 7325 West Forest Home Avenue, Greenfield, WI 53220, hereinafter called "**CITY**" and **DANIEL R. & ROBIN L. CORK**, 5037 South 41st Street, Greenfield, WI 53221, hereinafter called "**OWNER**".

WHEREAS, **OWNER** is the current property owner of 5037 South 41st Street, legally described as follows, to-wit:

Parcel 2 of Certified Survey Map No. 5069, being a part of the Northwest 1/4 of Section 25, Township 6 North, Range 21 East, City of Greenfield, Milwaukee County, Wisconsin.

commonly known as Tax Key No. 621-9927-002, and which real estate is subject to a 20 foot CITY permanent sanitary sewer easement, recorded January 15, 1988 on Document No. 6139626, and

WHEREAS, **OWNER** has asked for permission to construct a new private fence within the limits of said permanent CITY sanitary sewer easement on the above described parcel of land; and

WHEREAS, the **CITY**, at its September 20, 2022 Common Council meeting have approved said request and authorized the same

NOW, THEREFORE, for and in consideration of the mutual promises and covenants of the parties and the mutual benefits to be derived by the parties, **CITY** and **OWNER** agree as follows:

1. **CITY** hereby grants **OWNER** the authority and permission to construct, install and maintain a private fence in said permanent sanitary sewer easement, as shown on Exhibit A.
2. Prior to the installation of said private fence, **OWNER** shall obtain a building permit for the installation of said private fence.
3. All expense of construction, maintenance and removal of said private fence shall be paid by **OWNER**, their successors, heirs and assigns.
4. **OWNER** acknowledges that they will contact Diggers Hotline prior to said fence installation and will coordinate fence post-hole excavation as needed with **CITY** to ensure that **CITY** utilities in said permanent sanitary sewer easement are not bored into/through as part of fence post-hole excavation.
5. **OWNER** shall maintain the private fence in good condition. Should it deteriorate, need repair, or create a hazard, **OWNER** agrees to remedy said condition(s) to the satisfaction of **CITY**, at **OWNER** expense or remove said private fence and restore the area at **OWNER** expense.
6. **OWNER** shall not have or obtain any legal rights to said permanent sanitary sewer easement by virtue of such construction, installation or maintenance, expenditure of money or usage. **CITY** may at any time proceed or

Return to:

City of Greenfield
Jennifer J. Goergen
City Clerk
7325 W. Forest Home Ave
Greenfield, WI 53220

621-9927-002

Tax Key No.

permit grading, utility installation, repair, maintenance and/or reconstruction in said permanent sanitary sewer easement without being obligated to **OWNER** in any way and without any compensation to **OWNER** for said private fence.

7. If so ordered, **OWNER** agrees to remove said private fence within thirty (30) days of written notice by **CITY** at **OWNER** expense. If not removed by **OWNER** within thirty (30) days of written notice, **CITY** can remove said fence and charge **OWNER** for the removal cost.

8. That in conjunction with the construction, installation and maintenance of said private fence by **OWNER** within said permanent sanitary sewer easement, **OWNER** will assume all liability for any damage to **CITY** facilities in said permanent sanitary sewer easement. **OWNER** will indemnify and hold the **CITY** harmless from any claims for personal injuries or property damage caused by **OWNER** arising out of the construction, installation or maintenance by **OWNER** of said private fence within said permanent sanitary sewer easement.

9. It is mutually agreed that all terms and conditions pertaining to this request, approval, and agreement as imposed by the **CITY** Board of Public Works and Common Council, as set forth in their official minutes are also made a part hereof by reference as though fully set forth herein.

10. Both parties mutually agree that this agreement and covenants herein shall run with the land.

[Signatures appear on following pages]

IN WITNESS WHEREOF, the parties hereto have set their hands and seals this _____ day of _____, 2022.

OWNER

Daniel R. Cork

Robin L. Cork

STATE OF WISCONSIN)
) SS
MILWAUKEE COUNTY)

Personally came before me, this _____ day of _____, 2022, the above named Daniel R. & Robin L. Cork, Owners, to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Notary Public, Milwaukee County, Wisconsin

Printed name

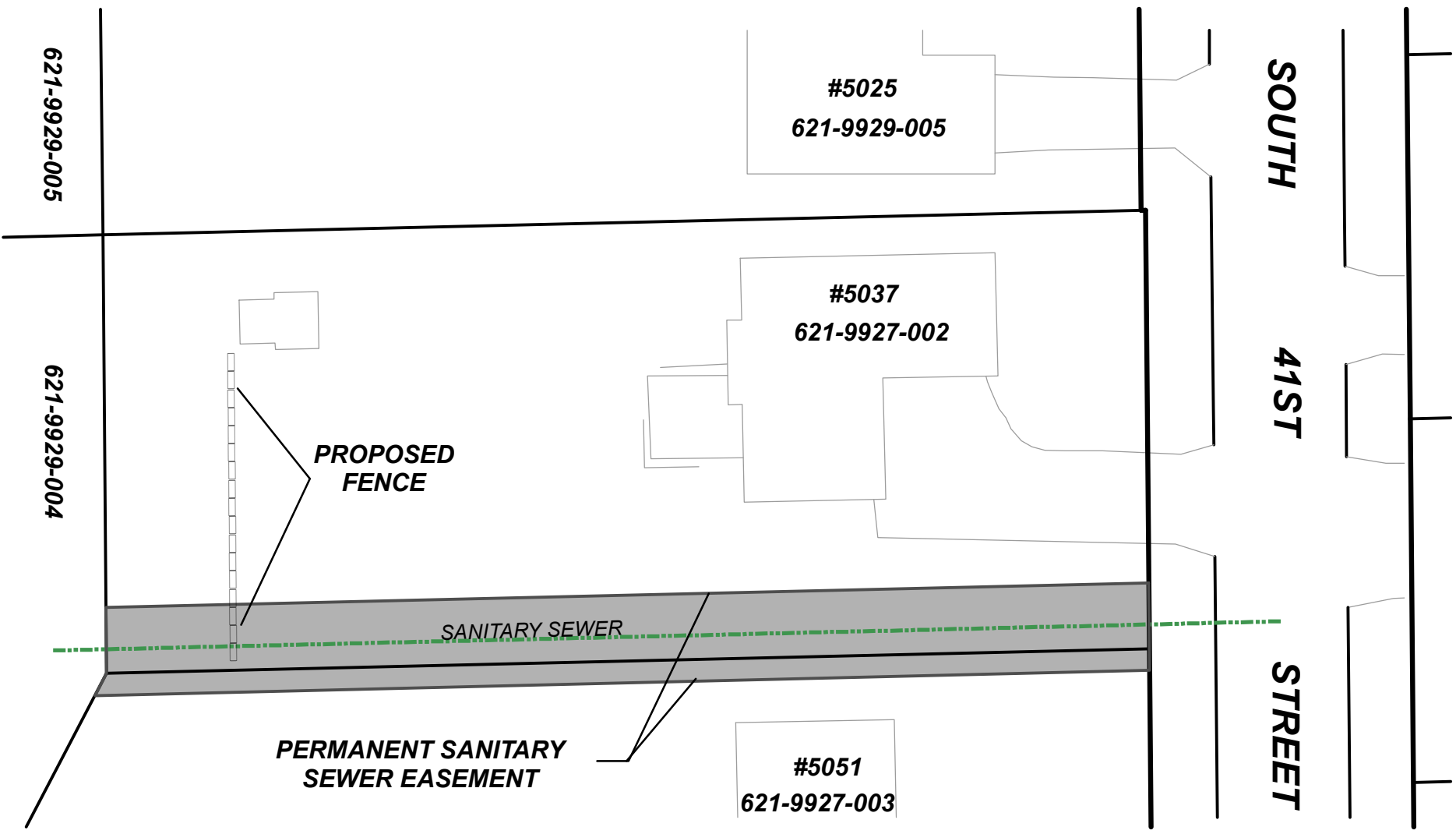
My Commission Expires: _____

Michael J. Neitzke, Mayor

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EXHIBIT A





Hourly Rates



On-site Interpreting

Business Hours
8 a.m. to 5 p.m.
Monday through Friday
1 hour minimum
Interpreting plus travel
hourly rates

GENERAL	SPECIALTY
\$70 / hour	\$80 / hour

Premium Hours
Evening / Weekend / Holiday
1 hour minimum

GENERAL	SPECIALTY
\$90 / hour	\$105 / hour



Video Remote Interpreting

Business Hours
8 a.m. to 5 p.m.
Monday through Friday
1 hour minimum
No travel charge
for remote services

GENERAL	SPECIALTY
\$80 / hour	\$95 / hour

Premium Hours
Evening / Weekend / Holiday
1 hour minimum

GENERAL	SPECIALTY
\$90 / hour	\$105 / hour



Speech-to-Text

C-Print
8 a.m. to 5 p.m.
Monday through Friday
1 hour minimum
Captioning plus travel
hourly rates

GENERAL
\$60 / hour

Premium Hours
Evening / Weekend / Holiday
1 hour minimum
No travel charge
for remote services

GENERAL
\$70 / hour

CART

Recorded / Live Stream Post-Production Captioning

1 hour minimum

CART plus travel hourly rates
No travel charge for remote services

Per assignment.

All requests are invoiced in 1/2 hour increments beyond the minimum requirements. Interpreting and Speech-to-Text services for recordings/live stream will have additional fee(s) which will be assessed per assignment.

TERMS AND DEFINITIONS

Each box needs to be checked in order to show that you have read and agreed to each term and definition.

☐ CANCELLATION

Service requests cancelled with less than two full business days between the cancellation notice and the reserved service time will be billed for the reserved service time. Cancellation must be received by the coordination office before 5 p.m. **Please note that 48 hours is not equal to two full business days.**

Example:

An assignment on Wednesday at 3 p.m. needs to be cancelled by 5 p.m. on the Friday prior to be deemed not billable. For any assignments starting after 5 p.m., please contact the PIE office for clarification on when the cancellation needs to be made to be deemed not billable.

If the service request is cancelled while the provider is en route or when the provider arrives to your site, travel time incurred will also be billed.

Multiple Day Request: Requests running 3 or more days that are cancelled with less than **5 full business days** between the cancellation notice and the reserved provider time will be billed for the reserved time.

☐ EVENING AND WEEKEND RATES

Evening and weekend rates apply any time outside of Monday through Friday between 8:00 a.m. and 5:00 p.m.

☐ HOLIDAYS

New Year's Day, Easter Sunday, Memorial Day, Juneteenth, July 4th, Labor Day, Thanksgiving Day and Christmas Day.

☐ LAST MINUTE REQUESTS (LMR)

Last Minute Requests are next day or same day request for services. **Additional \$5.00 per hour charge assessed.**

☐ NUMBER OF ASSIGNED PROVIDERS

The number of providers for each assignment is determined by multiple factors including length of assignment, type of assignment and specifics of assignment. These teams are determined by industry standards. More than one provider (a team) may be assigned for the full length of the request you make. Providers are paid for the full time they are scheduled.

☐ SPECIALTY

Specialty refers to services provided in settings staffed with interpreters who have specialized training and credentials. Specialty settings include legal, mental and behavioral health.

☐ TRAVEL TIME

Includes each provider's reasonable travel time between the provider's home to the specified assignment location and their return home. This is in addition to the requested service time.



The people you want with the skills you need.



Agreement

AGREEMENT OF RATES AND TERMS

- Invoicing will include the actual length of the assignment or the requested time period, whichever is greater. Travel will be invoiced in addition to the provider's time.
- Assignment-related expenses may be invoiced to the customer. Customers will be informed of any fees prior to delivery of service. Examples: travel requiring transportation, hotel costs, meals, appointment preparation materials, parking, the provider's travel time for a flight, etc.
- Payment terms are 'Net 30' days. After 30 days, a 1.5% monthly interest will be charged.
- Rates are subject to change with a 30-day advanced notice.
- I understand and agree to the rates and related terms listed above. I also agree that in the event of nonpayment, Professional Interpreting Enterprise will be entitled to collect reasonable attorneys' fees and costs related to collection of any delinquent amount owed under our agreement as stated in this document.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

INVOICING INFORMATION

414-761-5359
PHONE NUMBER

carol.edmonds@gfpd.org
COMPANY EMAIL

Greenfield Municipal Court
COMPANY NAME

5300 West Layton Avenue
COMPANY ADDRESS:

Greenfield
CITY

WI
STATE

53220
ZIP

All invoices will be sent via email. If you prefer to have a physical copy mailed to you, please send your request to billing@pieinc-wi.com.

MILWAUKEE

6510 W. Layton Avenue
Suite 2
Greenfield, WI 53220

414-282-8115 VOICE
414-395-8261 VIDEOPHONE
414-282-8117 FAX

MADISON

1310 Mendota Street
Suite 101
Madison, WI 53714

608-286-1252 VOICE
608-234-4802 VIDEOPHONE
608-467-2588 FAX

PACKETS FOR WEDNESDAY, 9/ 14 /2022 FINANCE MEETING

AP DISBURSEMENT SCHEDULES:

AP CHECKS	8/12/2022	\$	158,878.28
AP CHECKS	8/19/2022	\$	932,905.01
AP CHECKS	8/26/2022	\$	2,004,693.88
AP CHECKS	9/2/2022	\$	123,985.01
AP CHECKS	9/9/2022	\$	228,280.07
AP CHECKS		\$	
WIRE TRANSFERS - AUGUST 2022		\$	1,643,950.23
P-CARDS - JULY 2022		\$	116,849.61
		TOTAL \$	5,209,542.09

CC: PAULA

CC: FINANCE FOLDER

LOCAL GOVERNMENT INVESTMENT POOL

July 2022 Statement

June Ending Balance	\$	14,473,197.59
7 Deposit (s) in July		7,737,663.08
2 Withdrawal(s) in July		1,948,351.60
July Interest Earnings @ 1.55%		19,793.60
TOTAL	\$	20,282,302.67

JULY 2022
INVESTMENTS

Institution	Princ Amt Invested	Investment Date	Maturity Date	Yield	Interest Earned	ID #
Money Mkt/Tri-City Bank	\$2,442,237.55	12/31/2001	variable		\$103.71	21901270
Ehlers Investment Partners X-2055705 GRD GEN INV	\$6,516,993.86	12/9/2014	variable			
Ehlers Investment Partners X- GRD 2021A INV	\$907,771.97					
Ehlers Investment Partners X- GRD 2021B	\$1,697,666.92	7/1/2021	variable			
Ehlers Investment Partnes X - ARPA	\$5,828,919.83					
Ehlers Investment Partnes X - 2022A	\$4,421,578.08					
Associated Bank Investments	\$6,304,812.45	3/15/2022	variable			
Totals	\$28,119,980.66				\$103.71	

ACCOUNT CLASSIFICA AND FUNCTION		2021 ACTIVITY	2022 ORIGINAL BUDGET	2022 ACTIVITY THRU 07/31/22	BALANCE REMAINING
DESCRIPTION					
ESTIMATED REVENUES					
TAXES	TAXES	18,957,501	19,666,022	19,665,326	696.00
INTGOV	INTERGOVERNMENTAL	4,307,865	4,117,782	2,849,943	1,267,839.00
L&P	LICENSES AND PERMITS	1,202,125	1,222,800	795,857	426,943.00
FINES	FINES-FORFEITS-PENALTIES	626,376	803,000	329,515	473,485.00
CHRG	PUBLIC CHARGE FOR SERVICE	1,824,431	1,516,364	1,067,558	448,806.00
INT CHRG	INTERGOVERNMENTAL CHARGES	1,320,385	1,255,723	579,903	675,820.00
MISC REV	MISCELLANEOUS REVENUE	263,364	347,969	122,219	225,750.00
OTH FIN	OTHER FINANCING SOURCES	6,000	722,250	12,628	709,622.00
TOTAL ESTIMATED REVENUES		28,508,047	29,651,910	25,422,949	4,228,961.00
APPROPRIATIONS					
GENERAL	GENERAL GOVERNMENT	3,505,298	3,873,495	2,137,003	1,736,492.00
PS	PUBLIC SAFETY	19,136,448	19,465,578	10,296,285	9,169,293.00
PW	PUBLIC WORKS	3,817,120	3,873,284	2,405,884	1,467,400.00
HHS	HEALTH AND HUMAN SERVICES	833,092	947,215	521,047	426,168.00
CRE	CULTURE, REC AND EDUCATION	1,072,458	1,246,124	606,692	639,432.00
PD	PLANNING AND DEVELOPMENT	194,869	231,214	115,416	115,798.00
OTHER	OTHER FINANCING SOURCES(USES)	39,000	15,000	76,558	(61,558.00)
TOTAL APPROPRIATIONS		28,598,285	29,651,910	16,158,885	13,493,025.00
NET OF REVENUES/APPROPRIATIONS - FUND 010		(90,238)		9,264,064	9,264,064.00
BEGINNING FUND BALANCE		9,205,459	9,115,224	9,115,224	
ENDING FUND BALANCE		9,115,221	9,115,224	18,379,288	