

Members of the public wishing to speak during Public Comment or on Items of Business must register with the County Clerk prior to the beginning of the meeting.

AGENDA

BOARD OF FRANKLIN COUNTY COMMISSIONERS Wednesday, January 7, 2026 | 8:30 a.m.

TO BE HELD IN THE ANNEX COMMISSION CHAMBERS

A. ROLL CALL:

☐ WAYMIRE ☐ HARRIS ☐ MEADOR ☐ DICKINSON
☐ STOTTLEMIRE

B. PLEDGE OF ALLEGIANCE

C. INVOCATION

D. CORRESPONDENCE & ORGANIZATIONAL BUSINESS

E. PUBLIC COMMENT:

A citizen desiring to speak on an item not on the agenda may do so at this time. Discussion is limited to five minutes and the Commission will not take action or discuss items at this time. Discussion should be limited to matters of County Commission business and public comment is not permitted in regard to personnel matters or on pending legal matters. Items introduced under '**Public Comment**' may become agenda items at a later date.

F. CONSENT AGENDA:

Items listed on the '**Consent Agenda**' are considered routine and shall be enacted by one motion of the Board of Commissioners with no separate discussion. If separate discussion is desired by a member of the Governing Body, that item may be removed from the '**Consent Agenda**' and placed on the regular agenda '**Items of Business.**'

1. Consider And Approve Franklin County Commission Meeting Minutes For December 17, 2025.
2. Consider And Approve Claim Vouchers And Tax Change Orders.
3. Consider And Approve Payroll For The Pay Period Of November 21, 2025 To December 20, 2025.

G. ITEMS OF BUSINESS:

1. Receive The 2024 Audit Report And Review The Audit Engagement Letter With Rodney M. Burns, CPA, LLC For The 2025 Audit To Be Completed In 2026. Janet Paddock, Franklin County Clerk.

Documents:

[2025 audit engagement letter.pdf](#)
[audit contract 2025 - franklin county.pdf](#)

2. Consider The Approval Of A Resolution Waiving The GAAP Requirements For 2026. Janet Paddock, Franklin County Clerk.

Documents:

[2026 gaap waiver.pdf](#)
[2026 gaap resolution.pdf](#)

3. Consider Approving The Purchase Of A 2025 CAT 420-07 Backhoe/Industrial Loader From Foley Equipment In The Amount Of \$202,000.00. Peg Pearson, Solid Waste Superintendent.

Documents:

[agenda coversheet 2025 cat backhoe.pdf](#)
[foley equip backhoe bid.pdf](#)

4. Consider Approval Of Annual Software Maintenance Renewal Invoices. Dustin Coureton, Information Technology Director.

Documents:

[cv agenda item final.pdf](#)
[mw.pdf](#)
[shi quote-26920951.pdf](#)
[tylertech_epl.pdf](#)
[tylertech_ps.pdf](#)
[tylertech_atpro.pdf](#)
[1703004 3 3.pdf](#)
[75772.pdf](#)

5. Consider Approval Of Quote For Cloud Backup Services. Dustin Coureton, Information Technology Director.

Documents:

[cv agenda item_cloudbackupservices.pdf](#)

6. Consider The Approval Of Rezoning Application #2508-0048 (Yezek) To Rezone Approximately 6.00 Acres From The A-2, Transitional Agriculture District To The R-E, Residential Estate District. Pat Toth, Planning & Building Director.

Documents:

[01072026_2508-0048_yezek.pdf](#)

7. Consider Approval Of Special Use Permit Application #2511-0011 (Selective Site Consultants) To Allow For The Construction, Operation And Maintenance Of A 305-Foot High Telecommunication Tower In An A-1 (Agriculture) Zoning District. The Current Use Of The Property Is For Agricultural With An Existing Residential Dwelling. Pat Toth, Planning & Building Director.

Documents:

[01072026_2511-0011_ssc sup.pdf](#)

8. Consider The Approval Of Rezoning Application #2510-0058 (Halleluyah Place, LLC) To Rezone Approximately 15.90 Acres From The A-2, Transitional Agriculture District To The R-E, Residential Estate District And Approximately 40.00 Acres From The A-2, Transitional Agriculture District To The A-1, Agriculture District. Pat Toth, Planning & Building Director.

Documents:

[01072026_2510-0058_halleluyah place.pdf](#)

H. STAFF REPORTS

I. COMMISSIONER COMMENTS AND BOARD REPORTS

J. CONSIDER A MOTION FOR ADJOURNMENT

K. INFORMATION AND ANNOUNCEMENTS:

1. Upcoming Events:

January 12 - Reorganization Meeting at 8:30 AM

January 14 - Commission Meeting at 8:30 AM

January 19 - Commission Study Session at 8:30 AM (Canceled due to Martin Luther King Jr. Day)

January 21 - Commission Meeting at 8:30 AM

January 28 - Commission Meeting at 8:30 AM



Franklin
COUNTY KANSAS
—] EST. 1855 [—

Agenda Cover Sheet

To: Franklin County Board of County Commissioners
From: Janet Paddock
Department: Clerk's Office
Date: January 7, 2026

Agenda Item Narrative

Receive the 2024 Audit report and review the Audit Engagement Letter with Rodney M. Burns, CPA, LLC for the 2025 Audit to be completed in 2026.

Background

Annually, following the review of the County audit, the Commissioners review the Audit Engagement Letter for the following year. The proposed Audit Engagement Letter is from Rodney M. Burns, CPA, LLC for the 2025 audit. This firm focuses on municipal audits and budgets. The Contract is a \$1,000 increase for a contract amount of \$24,500 plus direct costs. The contract also has a provision for a Single Audit if one is needed. The cost for the audit is \$3,000 per major program required to be tested. This increase covers the additional requirements from the Federal Government to complete a Single Audit.

Specific Action Requested

Authorize the Chairman to execute the Audit Engagement Letter for the 2025 audit.

An affirmative motion on this item would be as follows: "I make a motion to authorize the chairman to execute the Audit Engagement Letter with Rodney M. Burns, CPA, LLC for the 2025 audit."

Attachments

Audit Engagement Letter

RODNEY M. BURNS, CPA, LLC

CERTIFIED PUBLIC ACCOUNTANTS
702 WEST MAIN *** P.O.BOX 832
CHANUTE, KANSAS 66720

PHONE (620) 431-3410
FAX (620) 431-7719

Board of County Commissioners
Franklin County, Kansas

AUDIT ENGAGEMENT LETTER

I am pleased to confirm my understanding of the services I am to provide Franklin County, Kansas (the County) for the year ended December 31, 2025.

Audit Scope and Objectives

I will audit the fund summary statement of regulatory basis receipts, expenditures, and unencumbered cash balances, including disclosures, which collectively comprise the regulatory basis financial statement of the County, as of and for the year ended December 31, 2025. I understand that the financial statement will be presented in accordance with the regulatory financial reporting model required by the *Kansas Municipal Audit and Accounting Guide* (the KMAAG). The KMAAG also provides for certain regulatory required supplementary information (RRSI). Such information, although not a part of the regulatory basis financial statement, is required by the KMAAG, which considers it to be an essential part of financial reporting for placing the regulatory basis financial statement in an appropriate context. As part of my engagement, I will subject the following RSSI to the auditing procedures applied in the audit of the regulatory basis financial statement and certain additional procedures including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statement or to the financial statement itself, and other additional procedures in accordance with GAAS, and I will provide an opinion on it in relation to the financial statement as a whole, in a report combined with my auditor's report on the financial statement:

1. Summary of regulatory basis expenditures-actual and budget.
2. Individual fund schedules of regulatory basis receipts and expenditures-actual and budget.
3. Summary of regulatory basis receipts and expenditures-agency funds.

If an audit in accordance with the Single Audit Act Amendments of 1996 is required, I will also report on supplementary information other than RRSI that accompanies the County's regulatory basis financial statement. I will subject the following supplementary information to the auditing procedures applied in my audit of the regulatory basis financial statement and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statement or to the financial statement itself, and other additional procedures in accordance with GAAS, and I will provide an opinion on it in relation to the financial statement as a whole, in a report combined with my auditor's report on the financial statement:

1. Schedule of expenditures of federal awards.

The objective of my audit is to obtain reasonable assurance about whether the regulatory basis financial statement, as a whole, is free from material misstatement, whether due to fraud or error, and issue an auditor's report that includes my opinion about whether your financial statement is fairly presented, in all material respects, in conformity with the Kansas regulatory basis of accounting and to report on the fairness of the supplementary information referred to above when considered in relation to the financial statement taken as a whole. Reasonable assurance is a high level of assurance, but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. Misstatements, including omissions, can arise from fraud or error and are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment of a reasonable user made based on the financial statement. If an audit in accordance with the Single Audit Act Amendments of 1996 is required, the objectives of my audit also include reporting on:

- Internal control over financial reporting and compliance with the provisions of laws, regulations, contracts, and award agreements, noncompliance with which could have a material effect on the regulatory basis financial statement in accordance with *Government Auditing Standards*.

- Internal control over compliance related to major programs and an opinion (or disclaimer of opinion) on compliance with federal statutes, regulations, and the terms and conditions of federal awards that could have a direct and material effect on each major program in accordance with the Single Audit Act Amendments of 1996 and Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance).

Auditor's Responsibilities for the Audit of the Financial Statement and Single Audit

I will conduct my audit in accordance with GAAS; the *Kansas Municipal Audit and Accounting Guide*; the standards for financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States (if applicable); the Single Audit Act Amendments of 1996 (if applicable); and the provisions of the Uniform Guidance (if applicable), and will include tests of the accounting records, a determination of major program(s), in accordance with the Uniform Guidance (if applicable) and other procedures I consider necessary to enable me to express such opinions. As part of an audit in accordance with GAAS and *Government Auditing Standards*, I exercise professional judgment and maintain professional skepticism throughout the audit.

I will evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management. I will also evaluate the overall presentation of the financial statement, including the disclosures, and determine whether the financial statement represents the underlying transactions and events in a manner that achieves fair presentation. I will plan and perform the audit to obtain reasonable assurance about whether the financial statement is free of material misstatement, whether from (1) errors, (2) fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to the government or to acts by management or employees acting on behalf of the government. Because the determination of waste and abuse is subjective, *Government Auditing Standards* do not expect auditors to perform specific procedures to detect waste or abuse in financial audits nor do they expect auditors to provide reasonable assurance of detecting waste or abuse.

Because of the inherent limitations of an audit, combined with the inherent limitations of internal control, and because I will not perform a detailed examination of all transactions, there is an unavoidable risk that some material misstatements or noncompliance may not be detected by me, even though the audit is properly planned and performed in accordance with GAAS and *Government Auditing Standards*. In addition, an audit is not designed to detect immaterial misstatements or violations of laws or governmental regulations that do not have a direct and material effect on the financial statement or on major programs. However, I will inform the appropriate level of management of any material errors, any fraudulent financial reporting, or misappropriation of assets that come to my attention. I will also inform the appropriate level of management of any violations of laws or governmental regulations that come to my attention, unless clearly inconsequential. I will include such matters in the reports required for a Single Audit. My responsibility as auditor is limited to the period covered by my audit and does not extend to any later periods for which I am not engaged as auditor.

I will also conclude, based on the audit evidence obtained, whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the government's ability to continue as a going concern for a reasonable period of time.

My procedures will include tests of documentary evidence supporting the transactions recorded in the accounts, tests of the physical existence of inventories, and direct confirmation of receivables and certain assets and liabilities by correspondence with selected individuals, funding sources, creditors, and financial institutions. I will also request written representations from your attorney as part of the engagement.

My audit of the financial statement does not relieve you of your responsibilities.

Audit Procedures - Internal Controls

I will obtain an understanding of the County and its environment, including internal control relevant to the audit, sufficient to identify and assess the risks of material misstatement of the financial statement, whether due to error or fraud, and to design and perform audit procedures responsive to those risks and obtain evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentation, or the override of internal control. Tests of controls may be performed to test the effectiveness of certain controls that I consider relevant to preventing and detecting errors and fraud that are material to the financial statement and to preventing and detecting misstatements resulting from illegal acts and other noncompliance matters that have a direct and material effect on the financial statement. My tests, if performed, will be less in scope than would be necessary to render an opinion on internal control and, accordingly, no opinion will be expressed in my report on internal control issued pursuant to *Government Auditing Standards*.

As required by the Uniform Guidance, I will perform tests of controls over compliance to evaluate the effectiveness of the design and operation of controls that I consider relevant to preventing or detecting material noncompliance with compliance requirements applicable to each major federal award program. However, my tests will be less in scope than would be necessary to render an opinion on those controls and, accordingly, no opinion will be expressed in my report on internal control issued pursuant to the Uniform Guidance.

An audit is not designed to provide assurance on internal control or to identify significant deficiencies or material weaknesses. Accordingly, I will express no such opinion. However, during the audit, I will communicate to management and those charged with governance internal control related matters that are required to be communicated under AICPA professional standards, *Government Auditing Standards*, and the Uniform Guidance.

Audit Procedures - Compliance

As part of obtaining reasonable assurance about whether the financial statement is free of material misstatement, I will perform tests of the County's compliance with provisions of applicable laws, regulations, contracts, and agreements, including grant agreements. However, the objective of those procedures will not be to provide an opinion on overall compliance and I will not express such an opinion in my report on compliance issued pursuant to *Government Auditing Standards* (if applicable).

The Uniform Guidance (if applicable) requires that I also plan and perform the audit to obtain reasonable assurance about whether the auditee has complied with federal statutes, regulations and the terms and conditions of federal awards applicable to major programs. My procedures will consist of tests of transactions and other applicable procedures described in the *OMB Compliance Supplement* for the types of compliance requirements that could have a direct and material effect on each of the County's major programs. For federal programs that are included in the Compliance Supplement, my compliance and internal control procedures will relate to the compliance requirements that the Compliance Supplement identifies as being subject to audit. The purpose of these procedures will be to express an opinion on the County's compliance with requirements applicable to each of its major programs in my report on compliance issued pursuant to the Uniform Guidance.

Responsibilities of Management for the Financial Statement and Single Audit

My audit will be conducted on the basis that you acknowledge and understand your responsibility for (1) designing, implementing, establishing, and maintaining effective internal controls relevant to the preparation and fair presentation of a financial statement that is free from material misstatement, whether due to fraud or error, including internal controls over federal awards, and for evaluating and monitoring ongoing activities to help ensure that appropriate goals and objectives are met; (2) following laws and regulations; (3) ensuring that there is reasonable assurance that government programs are administered in compliance with compliance requirements; and (4) ensuring that management and financial information is reliable and properly reported. Management is also responsible for implementing systems designed to achieve compliance with applicable laws, regulations, contracts, and grant agreements. You are also responsible for the selection and application of accounting principles; for the preparation and fair presentation of the financial statement, schedule of expenditures of federal awards, and all accompanying information in conformity with the KMAAG and for compliance with applicable laws and regulations (including federal statutes), rules, and the provisions of contracts and grant agreements (including award agreements). Your responsibilities also include identifying significant contractor relationships in which the contractor has responsibility for program compliance and for the accuracy and completeness of that information.

You are also responsible for making drafts of the financial statement, schedule of expenditures of federal awards, all financial records, and related information available to me and for the accuracy and completeness of that information (including information from outside of the general and subsidiary ledgers). You are also responsible for providing me with (1) access to all information of which you are aware that is relevant to the preparation and fair presentation of the financial statement, such as records, documentation, identification of all related parties and all related-party relationships and transactions, and other matters; (2) access to personnel, accounts, books, records, supporting documentation, and other information as needed to perform an audit under the Uniform Guidance; (3) additional information that I may request for the purpose of the audit; and (4) unrestricted access to persons within the government from whom I determine it necessary to obtain audit evidence. At the conclusion of my audit, I will require certain written representations from you about the financial statement; schedule of expenditures of federal awards; federal award programs; compliance with laws, regulations, contracts, and grant agreements; and related matters.

Your responsibilities include adjusting the financial statement to correct material misstatements and confirming to me in the management representation letter that the effects of any uncorrected misstatements aggregated by me during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statement taken as a whole.

You are responsible for the design and implementation of programs and controls to prevent and detect fraud, and for informing me about all known or suspected fraud affecting the government involving (1) management, (2) employees who have significant roles in internal control, and (3) others where the fraud could have a material effect on the financial statement. Your responsibilities include informing us of your knowledge of any allegations of fraud or suspected fraud affecting the government received in communications from employees, former employees, grantors, regulators, or others. In addition, you are responsible for identifying and ensuring that the government complies with applicable laws, regulations, contracts, agreements, and grants. You are also responsible for taking timely and appropriate steps to remedy fraud and noncompliance with provisions of laws, regulations, contracts, and grant agreements that I report. Additionally, as required by the Uniform Guidance, it is management's responsibility to evaluate and monitor noncompliance with federal statutes, regulations, and the terms and conditions of federal awards; take prompt action when instances of noncompliance are identified including noncompliance identified in audit findings; promptly follow up and take corrective action on reported audit findings; and prepare a summary schedule of prior audit findings and a separate corrective action plan. The summary schedule of prior audit findings, if applicable, should be available for my review on the date I begin the field work on your audit.

You are responsible for identifying all federal awards received and understanding and complying with the compliance requirements and for the preparation of the schedule of expenditures of federal awards (including notes and noncash assistance received, and COVID-19-related concepts, such as lost revenues, if applicable) in conformity with the Uniform Guidance. You agree to include my report on the schedule of expenditures of federal awards in any document that contains, and indicates that I have reported on, the schedule of expenditures of federal awards. You also agree to include the audited financial statement with any presentation of the schedule of expenditures of federal awards that includes my report thereon OR make the audited financial statement readily available to intended users of the schedule of expenditures of federal awards no later than the date the schedule of expenditures of federal awards is issued with my report thereon. Your responsibilities include acknowledging to me in the written representation letter that (1) you are responsible for presentation of the schedule of expenditures of federal awards in accordance with the Uniform Guidance; (2) you believe the schedule of expenditures of federal awards, including its form and content, is stated fairly in accordance with the Uniform Guidance; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the schedule of expenditures of federal awards.

You are also responsible for the preparation of the other supplementary information, which I have been engaged to report on, in conformity with the KMAAG. You agree to include my report on the supplementary information in any document that contains, and indicates that I have reported on, the supplementary information. You also agree to include the audited financial statement with any presentation of the supplementary information that includes my report thereon OR make the audited financial statement readily available to users of the supplementary information no later than the date the supplementary information is issued with my report thereon. Your responsibilities include acknowledging to me in the written representation letter that (1) you are responsible for presentation of the RRSI in accordance with the KMAAG; (2) you believe the supplementary information, including its form and content, is fairly presented in accordance with the KMAAG; (3) the methods of measurement or presentation have not changed from those used in the prior period

(or, if they have changed, the reasons for such changes); and (4) you have disclosed to me any significant assumptions or interpretations underlying the measurement or presentation of the supplementary information.

Management is responsible for establishing and maintaining a process for tracking the status of audit findings and recommendations. Management is also responsible for identifying and providing report copies of previous financial audits, attestation engagements, performance audits, or other studies related to the objectives discussed in the Audit Scope and Objectives section of this letter. This responsibility includes relaying to me corrective actions taken to address significant findings and recommendations resulting from those audits, attestation engagements, performance audits, or studies. You are also responsible for providing management's views on my current findings, conclusions, and recommendations, as well as your planned corrective actions for the report, and for the timing and format for providing that information.

Other Services

I will also assist in preparing the financial statement, schedule of expenditures of federal awards (if applicable), and related notes of Franklin County, Kansas in conformity with the Kansas regulatory basis of accounting and the Uniform Guidance based on information provided by you. These nonaudit services do not constitute an audit under *Government Auditing Standards* and such services will not be conducted in accordance with *Government Auditing Standards*. I will perform the services in accordance with applicable professional standards. The other services are limited to the financial statement, schedule of expenditures of federal awards (if applicable), and related notes services previously defined. I, in my sole professional judgment, reserve the right to refuse to perform any procedure or take any action that could be construed as assuming management responsibilities.

You agree to assume all management responsibilities for the financial statement, schedule of expenditures of federal awards, and related notes, and any other nonaudit services I provide. You will be required to acknowledge in the management representation letter my assistance with preparation of the financial statement, the schedule of expenditures of federal awards, and related notes and that you have reviewed and approved the financial statement, the schedule of expenditures of federal awards, and related notes prior to their issuance and have accepted responsibility for them. Further, you agree to oversee the nonaudit services by designating an individual, preferably from senior management, with suitable skill, knowledge, or experience; evaluate the adequacy and results of those services; and accept responsibility for them.

Engagement Administration, Fees, and Other

If an audit in accordance with the Single Audit Act Amendments of 1996 is required, at the conclusion of the engagement, I will complete the appropriate sections of the Data Collection Form that summarizes my audit findings. It is management's responsibility to electronically submit the reporting package (including financial statement, schedule of expenditures of federal awards, summary schedule of prior audit findings, auditor's reports, and corrective action plan) along with the Data Collection Form to the federal audit clearinghouse and, if appropriate, to pass-through entities. I will assist you with this process, but it remains your responsibility. The Data Collection Form and the reporting package must be submitted within the earlier of 30 days after receipt of the auditors' reports or nine months after the end of the audit period.

I will provide copies of my reports to the County, however, management is responsible for distribution of the reports and the financial statement. Unless restricted by law or regulation, or containing privileged and confidential information, copies of my reports are to be made available for public inspection.

The audit documentation for this engagement is the property of Rodney M. Burns, CPA, LLC and constitutes confidential information. However, subject to applicable laws and regulations, audit documentation and appropriate individuals will be made available upon request and in a timely manner to the grantor or cognizant agency or its designee, a federal agency providing direct or indirect funding, or the U.S. Government Accountability Office for purposes of a quality review of the audit, to resolve audit findings, or to carry out oversight responsibilities. I will notify you of any such request. If requested, access to such audit documentation will be provided under the supervision of Rodney M. Burns, CPA, LLC personnel. Furthermore, upon request, I may provide copies of selected audit documentation to the aforementioned parties. These parties may intend, or decide, to distribute the copies or information contained therein to others, including other governmental agencies.

The audit documentation for this engagement will be retained for a minimum of five years after the report release date or for any additional period requested by the grantor or cognizant agency. If I am aware that a federal awarding agency, pass-through entity, or auditee is contesting an audit finding, I will contact the party(ies) contesting the audit finding for guidance prior to destroying the audit documentation.

Rodney Burns is the engagement partner and is responsible for supervising the engagement and signing the reports or authorizing another individual to sign them.

My fee for the audit of the regulatory basis financial statement will be \$24,500.00, plus any direct costs (such as report production, postage, travel, copies, etc.). The above fee is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the engagement. If significant additional time is necessary, I will keep you informed of any problems I encounter and my fees will be adjusted accordingly.

The fee referred to in the preceding paragraph does not include fees for auditing procedures as required for compliance with the Single Audit Act Amendments of 1996 or other the Uniform Guidance. The fee for such procedures, should they be required, are in addition to the above referenced fee and will be \$3,000.00 per major program required to be tested.

Reporting

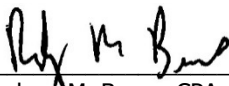
I will issue written reports upon completion of my Single Audit (if applicable). My reports will be addressed to the Board of County Commissioners of the County. Circumstances may arise in which my report may differ from its expected form and content based on the results of my audit. Depending on the nature of these circumstances, it may be necessary for me to modify my opinions, add a separate section, or add an emphasis-of-matter or other-matter paragraph to my auditor's report, or if necessary, withdraw from this engagement. If my opinions are other than unmodified, I will discuss the reasons with you in advance. If, for any reason, I am unable to complete the audit or are unable to form or have not formed opinions, I may decline to express opinions or issue reports, or I may withdraw from this engagement.

The Government Auditing Standards report on internal control over financial reporting and on compliance and other matters will state that (1) the purpose of the report is solely to describe the scope of testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance, and (2) the report is an integral part of an audit performed in accordance with Government Auditing Standards in considering the entity's internal control and compliance. The Uniform Guidance report on internal control over compliance will state that the purpose of the report on internal control over compliance is solely to describe the scope of testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Both reports will state that the report is not suitable for any other purpose.

I appreciate the opportunity to be of service to Franklin County, Kansas and believe this letter accurately summarizes the significant terms of my engagement. If you have any questions, please let me know. If you agree with the terms of my engagement as described in this letter, please sign the enclosed copy and return it to me.

Government Auditing Standards require that I provide you with the a copy of my most recent external peer review report. This report has been provided to you previously.

Very truly yours,



Rodney M. Burns, CPA, LLC

RESPONSE:

This letter correctly sets forth the understanding of Franklin County, Kansas.

by: _____
Chairman

ATTEST:

Date: _____

County Clerk



Franklin
COUNTY KANSAS
—] EST. 1855 [—

Agenda Cover Sheet

To: Franklin County Board of County Commissioners
From: Janet Paddock
Department: Clerk
Date: January 7, 2026

Agenda Item Narrative

Consider the approval of a resolution waiving the GAAP requirements for 2026.

Background

K.S.A. 75-112(a) requires that the financial statements and reports of counties and cities be prepared in accordance with the accrual method of accounting. Since Kansas budget law also requires that governmental budgets be accomplished on a cash basis law, it is appropriate to waive the accrual requirements for purposes of the audit.

Specific Action Requested

It is recommended that the Commission approve the resolution waiving the GAAP requirements for 2026. An affirmative motion would be as follows, "I make a motion to adopt the Resolution waiving the GAAP requirements for the 2026 financial statements."

Attachments

Resolution



Franklin
COUNTY KANSAS
EST. 1855

**BOARD OF COUNTY COMMISSIONERS
FRANKLIN COUNTY, KANSAS**

RESOLUTION NO. 26-

**A RESOLUTION WAIVING THE GAAP REQUIREMENTS OF BUDGETING IN THE
2026 FINANCIAL STATEMENTS FOR FRANKLIN COUNTY, KANSAS**

WHEREAS, Franklin County is a duly organized municipality under the status of the State of Kansas; and

WHEREAS, the Kansas Legislature has adopted K.S.A. 75-1120a requiring municipalities to prepare their financial statements in accordance with generally accepted accounting principles (GAAP) or to request a waiver of the GAAP requirement; and

WHEREAS, the Board of County Commissioners of Franklin County based on the recommendations of its auditor believes that a waiver is appropriate as Franklin County has complied with the Kansas Cash Basis Law and the other budget laws of this state and statements prepared in accordance with GAAP will only add needless costs to the taxpayers of Franklin County,

**NOW, THEREFORE, BE IT RESOLVED BY
THE BOARD OF COUNTY COMMISSIONERS OF FRANKLIN COUNTY, KANSAS**

That the Board of County Commissioners does find that the financial statements and financial reports prepared in conformity with the requirements of subsection (a) of K.S.A. 75-1120a for 2026 are not relevant to the requirements of the cash-basis and budget laws of this state and are of no significant value to the governing body or members of the general public of the municipality;

IT IS FURTHER RESOLVED, by the Board of County Commissioners of Franklin County, Kansas, that there are no revenue bond ordinances or resolutions or other ordinances or resolutions of the municipality that require financial statements and financial reports to be prepared in conformity with the requirements of subsection (a) of K.S.A. 75-1120a;

IT IS FURTHER RESOLVED, by the Board of County Commissioners of Franklin County, Kansas, that the Board of County Commissioners of Franklin County shall cause financial statements and financial reports of the municipality for 2026 to be prepared on the basis of cash receipts and disbursements as adjusted to show compliance with the cash-basis and budget laws of this state.

WHEREUPON, the Board of County Commissioners of Franklin County, Kansas, passes and adopts this Resolution in regular session, at its chambers in Ottawa, Franklin County, Kansas, this 7th day of January 2026.

This resolution shall be effective upon its adoption by the Board of County Commissioners.

Passed and adopted in regular session this 7th day of January 2026.

Rodney Harris - Chairman

Attested and Recorded, this 7th day of January 2026.

Janet Paddock - County Clerk



Franklin
COUNTY KANSAS
—] EST. 1855 [—

Agenda Cover Sheet

To: Franklin County Board of County Commissioners
From: Peg Pearson
Department: Solid Waste
Date: 01/07/2026

Agenda Item Narrative

Consider approving the purchase of a 2025 CAT 420-07 Backhoe/Industrial Loader from Foley Equipment in the amount of \$202,000.00.

Background

The Solid Waste Department is recommending the purchase of a CAT 420-07 Backhoe/Industrial Loader for the Transfer Station from Foley Equipment. This bid includes Sourcewell pricing, a trade-in value of \$10,000 for the 2010 JCB 4CX Backhoe and the Ultimate Service Plan. This will be paid for from the Solid Waste Special Caps Fund (\$1,598,609.00 current balance).

Specific Action Requested

A motion to approve the bid from Foley Equipment in the amount of \$202,000.00.

An affirmative motion in support of this item would read as follows: "I make a motion to approve the bid from Foley Equipment in the amount of \$202,000 to purchase the 2025 CAT 420-07 Backhoe/Industrial Loader."

Attachments

Bid



Quote 228149-02
Nov 25, 2025

FRANKLIN COUNTY SOLID WASTE
2017 S ELM ST
OTTAWA
Kansas
66067-4042

Attention: PEG PEARSON

Dear Sir,

We would like to thank you for your interest in our company and our products, and are pleased to quote the following for your consideration.

Caterpillar Model: 420-07 Backhoe/Industrial Loaders

STOCK NUMBER: YGN2274

SERIAL NUMBER: 0H8T06620

YEAR: 2025

SMU: 3.60

We wish to thank you for the opportunity of quoting on your equipment needs. This quote is contingent upon Customer's acceptance of Foley's standard terms and conditions. This quotation is valid for 30 days, after which time we reserve the right to re-quote. If there are any questions, please do not hesitate to contact me.

Sincerely,

Chris Dauner
Regional Sales Representative

Caterpillar Model: 420-07 Backhoe/Industrial Loaders

STANDARD EQUIPMENT

BOOMS, STICKS, AND LINKAGES, BACKHOE, - 14'4" Center pivot backhoe, 4.3 Meters, - Boom and swing transport locks, - Pilot operated backhoe and, electro hydraulic stabilizer controls, - Street type stabilizer shoes, - Anti-drift hydraulics (boom, stick, and E-stick), - Cat Cushion Swing(tm) system, **LOADER**, - Single Tilt Loader, - Lift cylinder brace, - Self-leveling loader with single, lever control, - Return-to-dig, (automatic bucket positioner), - Transmission neutralizer switch, - Bucket level indicator,

POWERTRAIN, - Water separator, - Thermal starting aid system, - Dry type axial seal air cleaner with, integral precleaner, - Automatic dust ejection system, - Filter condition indicator, - Hydraulically boosted multi-plate, wet disk brake with dual pedals &, interlock, - Differential lock, - Torque converter, - Transmission-four speed manual shift, - Neutral safety switch, - Spin-on filters for, Fuel, Engine oil, Transmission oil, - Outboard Planetary Rear Axles, - Diesel particulate filter, - Hydrostatic power steering

HYDRAULICS, - Pilot hoe and mechanical loader, controls, - Load sensing, variable flow system, with 43 gpm (162 L/min) axial piston, pump, - 6 micron hydraulic filter, - Caterpillar XT-3 hose, - Hydraulic oil cooler, - Pilot control shutoff switch, - Flow-sharing hydraulic valves, - Hydraulic suction strainer,

ELECTRICAL, - 12 volt electrical start, - Horn, front and rear, - Backup alarm, - Hazard flashers/turn signals, - Halogen head lights (2), - Halogen rear flood lights (2), - Stop and tail lights, - Audible system fault alarm, - Key start/stop system, - 850 CCA maintenance free battery, - Battery disconnect switch, - External Power Receptacle (12v), - Diagnostic ports for engine and, machine Electronic Control Modules

OPERATOR ENVIRONMENT, - Interior rearview mirror, - ROPS canopy, Rear Fenders, - 2-inch (50mm) retractable seat belt, - Tilt steering column, - Steering knob, - Hand and foot throttle, - Automatic Engine Speed Control, - One Touch Low Idle, - Floor mat and Coat Strap, - Lockable storage area, - Air suspension seat,

FLUIDS, - Antifreeze - Extended Life Coolant, -20F (-30C)

OTHER STANDARD EQUIPMENT, - Standard Storage Box, - Transport tie-down points, - Ground line fill fuel tank with, 42.3 gal (160L) capacity & 5 gal (19L), diesel exhaust fluid, - Rubber impact strips on radiator, guard, - CD-ROM Parts Manual, - Safety Manual, - Operations and Maintenance Manual, - Lockable hood, - Tire Valve Stem Protection

MACHINE SPECIFICATIONS

Description	Reference No
420 07A BHL CFG2	542-7992
2025 MODEL YEAR	
TRIM PACKAGE 4	642-9589
ENG, 82KW, C3.6, T4F	542-7780
COUPLER, PG, MAN.D.LOCK, BHL	444-7500
BELT, SEAT, 2" SUSPENSION	206-1747
STABILIZER PADS, FLIP-OVER	9R-6007
INSTRUCTIONS, ANSI	559-0872
SERIALIZED TECHNICAL MEDIA KIT	421-8926
PRODUCT LINK, CELLULAR, PLE643	639-4880
COUPLING, QD, THREADED CAPS	456-3390
SHIPPING/STORAGE PROTECTION	461-6839
RUST PREVENTATIVE APPLICATOR	462-1033
PACK, DOMESTIC TRUCK	0P-0210
420 LANE 3 ZCON	626-9390
QUICK COUPLER - YGN01888	YGN0-1888
HB95-420F - VGN03169	0P0070
TOOL, COMPACTING PLATE, B6	582-1493
3 CYD Trash Bucket	
Solid Tire Swap 1400-24TA Rear	
Solid Tire Swap 38x15-20 TA Fronts	

SELL PRICE	\$212,000.00
EXT WARRANTY	Included
CSA	Included
LESS GROSS TRADE ALLOWANCE	(\$10,000.00)
NET BALANCE DUE	\$202,000.00
PLUS APPLICABLE TAXES CALCULATED AT DELIVERY	\$202,000.00

TRADE-INS

Model	Make	Serial Number	Year	Trade Allowance
4CX	JCB (JC)	JCB4CX4WC01706730	2010	\$10,000.00

WARRANTY

Standard Warranty:	12 months unlimited hours
Extended Warranty:	Premier 60 month, 7500 hr plus travel EP251117-012
CSA	5 yr 7500 hour Ultimate FM251217-007

F.O.B./TERMS

Topeka, KS

Accepted by _____ on _____

Signature



To: Franklin County Board of County Commissioners
From: Dustin Coureton
Department: Information Technology
Date: January 7, 2026

Agenda Item Narrative

Consider Approval of Annual Software Maintenance Renewal Invoices.

Background

Several annual support invoices are due in January 2026. Attached are invoices from SHI, Tyler Technologies, Aumentum, Karpel, and Mobile Wireless.

For Karpel, \$8,000 is paid from the IT Software Support with the balance from the County Attorney's Litigation funds.

For Tyler Public Safety, \$15,000.72 is paid from 911 funds with the balance from IT Software Support.

For Mobile Wireless \$3,752.92 will be invoiced back to Ottawa and Wellsville.

Specific Action Requested

Approve the payment of invoices from SHI, Tyler Technologies, Aumentum, Karpel, and Mobile Wireless. An affirmative motion in support of this item would read as follows, "I make a motion to approve the payment of invoices for annual support services for the fiscal year 2026 in the amount of \$137,446.70."

Attachments

MW.pdf, SHI Quote-26920951.pdf, TylerTech_EPL.pdf, TylerTech_PS.pdf, TylerTech_ATPro.pdf, 1703004 3 3.pdf, 75772.pdf



9/20/2025

Presented by: Mobile Wireless LLC

Dustin Coureton
Director of IT
Franklin County
1428 S. Main St., Ste 2
Ottawa, KS 66067
(785) 229-3587
dcoureton@franklincoks.org

Re: NetMotion/Absolute renewal

Item	SKU	QTY	Price	Extended Price
Full access to the NetMotion platform and all of its features, powering security, visibility and connectivity use-cases. Includes the software defined perimeter (SDP), enterprise VPN and experience monitoring solutions. (Effective from 12/29/2025 through 12/28/2026)	NMCOMPCONRNW	76	\$110.38	\$8,388.88
Total				\$8,388.88

I will follow up with you to answer any questions. Until then, please do not hesitate to contact me.

Respectfully,

Alan McClintock
Mobile Wireless LLC
Phone: 972-516-1365
Fax: 469-574-5000
alan@mobwireless.com

Mobile Wireless LLC · 3608 Austin Ct. · Flower Mound, TX 75028 · Tel. 214-850-9886



Pricing Proposal
Quotation #: 26920951
Reference #: Last Year's PO # PO00020
Created On: 12/2/2025
Valid Until: 1/20/2026

KS-County of Franklin Information

Dustin Coureton

315 S. Main
Ottawa, KS 66067
UNITED STATES
Phone: 7852293580
Fax:
Email: DCoureton@franklincoks.org

Inside Account Executive

Carlos Benitez

290 Davidson Avenue
Somerset, NJ 08873
Phone: 732-868-8974
Fax:
Email: carlos_benitez@shi.com

[Click here](#) to order this quote

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 PFPT Essentials Bundle - SaaS Proofpoint - Part#: PFPT-B-ESSME-S-B Contract Name: Sourcewell- Technology Products & Solutions Contract #: 121923-SHI Subcontract #: 000000000000000000056046 Coverage Term: 1/20/2026 – 1/19/2027	251	\$28.75	\$7,216.25
2 PFPT Essentials Support Proofpoint - Part#: PFPT-SUP-ESS-A Contract Name: Sourcewell- Technology Products & Solutions Contract #: 121923-SHI Subcontract #: 000000000000000000056046 Coverage Term: 1/20/2026 – 1/19/2027	1	\$0.01	\$0.01
Subtotal			\$7,216.26
Total			\$7,216.26

Additional Comments

The following bullets apply to all Proofpoint Items on this quote:

- Renewal Policy: Any customer on Proofpoint Enterprise products MUST provide at least 90-day notice if they choose not to renew. If no notice is provided, your subscription will automatically renew and you will be invoiced by Proofpoint.
- The Proofpoint Customer Agreement found at <https://www.proofpoint.com/license/customer-agreement> contains terms regarding license and usage, data privacy obligations, disclaimers and limitations of liability, Proofpoint's right to suspend or terminate Customer's subscription for non-payment, and the Automatic Renewal Clause.

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date listed above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order. For any additional information including Hardware, Software and Services Contracts, please contact an SHI Inside Sales Representative at (888) 744-4084. SHI International Corp. is 100% Minority Owned, Woman Owned Business. TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date set above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order.

SHI International Corp. is 100% Minority Owned, Woman Owned Business.
TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

The products offered under this proposal are resold in accordance with the terms and conditions of the Contract referenced under that applicable line item.



Remittance:
Tyler Technologies, Inc.
(FEIN 75-2303920)
P.O. Box 203556
Dallas, TX 75320-3556

Questions:
Phone: 1-800-772-2260 Press 2
Email: ar@tylertech.com

INVOICE

Document No.	Date	Page
CI100-00237035	11/30/25	1 of 1



Bill To: FRANKLIN COUNTY, KS
ATTN: DUSTIN COURETON
1428 S. MAIN ST., SUITE 7
OTTAWA, KS 66067

Delivery To: FRANKLIN COUNTY, KS
ATTN: DUSTIN COURETON
1428 S. MAIN ST., SUITE 7
OTTAWA, KS 66067

Cust #	Bill to Address ID	Delivery Address ID	Currency	Terms	Due Date
49529	LOC000051809	LOC000051809	USD	Net45	1/14/2026
Cust PO#	Sales Order	Billing Schedule			
	SBI1000-000002749	205-2023B7B8D9			

Contract Date	Description	Quantity	Unit Price	Extended Price
11/07/23	Payments PCI Service Fee (Per Device) 01/01/2026 - 12/31/2026	1	\$180.00	\$180.00
07/28/22	Community Development Suite 01/01/2026 - 12/31/2026	10	\$1,566.69	\$15,666.90
07/28/22	GIS 01/01/2026 - 12/31/2026	10	\$454.35	\$4,543.50
07/28/22	Citizen Self Service - Community Development 01/01/2026 - 12/31/2026	1	\$6,721.13	\$6,721.13
07/28/22	IG Workforce Aps 01/01/2026 - 12/31/2026	1	\$454.35	\$454.35
07/28/22	Core Foundation Bundle 01/01/2026 - 12/31/2026	1	\$1,853.42	\$1,853.42

ATTENTION Order your checks and forms from Tyler Business Forms at 877-749-2090 or Tylerbusinessforms.com to guarantee 100% compliance with your software.	Subtotal	\$ 29,419.30
	Sales Tax	\$0.00
	Total	\$ 29,419.30



Remittance:
Tyler Technologies, Inc.
(FEIN 75-2303920)
P.O. Box 203556
Dallas, TX 75320-3556

Questions:
Phone: 1-800-772-2260 Press 2
Email: ar@tylertech.com

INVOICE

Document No.	Date	Page
CI100-00243086	12/31/25	1 of 1



Bill To: FRANKLIN COUNTY, KS
ATTN: DUSTIN COURETON
315 SOUTH MAIN
OTTAWA, KS 66067

Delivery To: FRANKLIN COUNTY, KS
ATTN: DUSTIN COURETON
315 SOUTH MAIN
OTTAWA, KS 66067

Cust #	Bill to Address ID	Delivery Address ID	Currency	Terms	Due Date
49529	LOC000028897	LOC000028897	USD	Net45	2/14/2026
Cust PO#	Sales Order	Billing Schedule			
	SBI1000-000003571	311-201500140A			

Contract Date	Description	Quantity	Unit Price	Extended Price
08/07/15	Public Safety Suite - Maintenance 02/01/2026 - 01/31/2027	1	\$50,446.18	\$50,446.18

ATTENTION Order your checks and forms from Tyler Business Forms at 877-749-2090 or Tylerbusinessforms.com to guarantee 100% compliance with your software.	Subtotal	\$ 50,446.18
	Sales Tax	\$0.00
	Total	\$ 50,446.18



December 18, 2025

One Tyler Way
Moraine, Ohio 45439
P: 800.800.2581
F: 937.278.3711
www.tylertech.com

Dustin Coureton
Director of Information Technology
1428 South Main Street, Suite 7
Ottawa, KS 66067
dcoureton@franklincoks.org

Re: 2026-2027 Assessment & Tax Pro Maintenance Renewal

RENEWAL NOTICE

Dear Mr. Coureton:

The County's current Assessment & Tax Pro Maintenance Agreement runs through February 28, 2026. The agreement provides that additional Support Periods shall begin (renew) at the end of each previous Period and end one year later unless (i) either party gives written notice of non-renewal to the other party at least 30 days prior to the expiration of the then current Period or any renewal thereof; or (ii) the Agreement is terminated according to the terms of this Agreement.

The Agreement allows Tyler to increase or decrease prices for Maintenance Services to be effective at the beginning of any renewal of a Period by providing the County written notice of such change at least 60 days prior to such renewal. This Letter provides notice of the prices for the Maintenance Services for the Period of Agreement from March 1, 2026 through February 28, 2027.

Below is a breakdown of those services and this term's corresponding fees:

Maintenance Services:

Property Tax Pro Support	\$13,735.00
Personal Property Support	\$6,530.00
Oil & Gas	1,995.00
Property Access Support	<u>\$11,675.00</u>
Total:	\$33,935.00

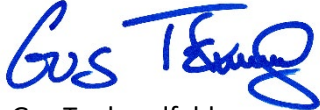
The total fee for the above services provided under this Agreement is **THIRTY-THREE THOUSAND NINE HUNDRED THIRTY-FIVE DOLLARS (\$33,935.00)**. Tyler will invoice the County in one (1) installment on or about February 1, 2026. Any additional services requested by the County will be charged at our then-current Time and Material rates.

Both parties agree that the Terms & Conditions of the original contract's Articles of Agreement and Scope of Services remain in full force and effect for the term of this renewal.

Tyler will notify the County at least sixty (60) days prior to this renewal's expiration of any changes to the fees for the Maintenance Services for the following renewal period. The County shall notify Tyler at least thirty (30) days prior to the expiration of this renewal should the County choose not to renew this agreement for the 2027-2028 period.

Tyler appreciates our current business relationship and we again thank you for your continued confidence in our ability to provide professional services to Franklin County. If you have any questions, please contact me at 1-800-800-2581, ext. 1924, or via email at gus.tenhundfeld@tylertech.com.

Sincerely,



Gus Tenhundfeld
Inside Sales Manager



Invoice No. MANMN0006205
Date 10/29/2025
Due Date 1/1/2026
Customer No. 1703004
Page 1 of 1



Bill To

FRANKLIN COUNTY IT DEPT
 Accounts Payable
 1428 SOUTH MAIN, 7
 OTTAWA, KS 66067
 United States

Ship To

FRANKLIN COUNTY IT DEPT
 1428 SOUTH MAIN, 7
 OTTAWA, KS 66067
 United States

Contract/Project Number	Purchase Order	Payment Terms	Currency	
	JAN-DEC26	Start of Maint Period	HARRIS-US\$	

Item No	Description	Quantity	Unit Price	Amount
INF-ANTIQUE-S	Antique/HeavyTruck Support: January 2026 to December 2026	1.00	790.00	790.00
INF-LIENHOLDER-S	Lienholder Support: January 2026 to December 2026	1.00	820.00	820.00
INF-VEHICLE-S	Motor Vehicle Support: January 2026 to December 2026	1.00	1,420.00	1,420.00

Remit To:
 Manatron, Inc.
 ("Aumentum Technologies")
 PO Box 74008484
 Chicago, IL 60674-8484

Subtotal	3,030.00
Misc	0.00
Taxes	0.00
Freight	0.00
Total	3,030.00



Invoice Questions? Please call or email Renee Fuller at 866-471-2900 ext.277737 or
 renee.fuller@augmentumtech.com.

Thank you for your business!

Karpel Solutions
9717 Landmark Parkway Drive
Suite 200
St. Louis, MO 63127
(314) 892-6300

Date	Invoice
12/18/2025	75772

Bill To:
Franklin County Attorney's Office - KS Attn: Brandon Jones 220 S Beech Street Suite B Ottawa, KS 66067 United States

Ship To
Franklin County Attorney's Office - KS 220 S Beech Street Suite B Ottawa, KS 66067 United States

Terms	Due Date	PO Number	Reference
Net 30 days	01/17/2026		Annual Billing for January 2026- December 2026

Products & Other Charges	Quantity	Price	Amount
PBK Annual Maintenance: PBK Annual Maintenance			
Additional Storage 6TB/2TB Free 4TB Billable	4.00	\$500.00	\$2,000.00
Annual PBK Hosting Fee	12.00	\$150.00	\$1,800.00
Annual PBK Maintenance: Includes 24x7 support, 2 upgrades annually, & Unlimited eDiscovery	12.00	\$800.00	\$9,600.00
Total Products & Other Charges:			\$13,400.00

Make checks payable to: Below Karpel Solutions 9717 Landmark Parkway Dr. Suite 200 St. Louis, MO 63127 Fed ID#43-1619763	Invoice Subtotal:	\$13,400.00
	Sales Tax:	\$0.00
	Invoice Total:	\$13,400.00
	Payments:	\$0.00
	Credits:	\$0.00
	Balance Due:	\$13,400.00



Agenda Cover Sheet

To: Franklin County Board of County Commissioners
From: Dustin Coureton
Department: Information Technology
Date: January 7, 2026

Agenda Item Narrative

Consider Approval of Quote for Cloud Backup Services.

Background

In 2020 Franklin County implemented a backup solution for on premise services. That solution met our needs well however our needs have changed in the last five years. Our current path is increasing cloud hosted services. Our current cloud solutions have built in a backup and recovery solution or a solution was not necessary for the service. We are now at point of migrating more services and do not have a solution in place to cover backup and recovery of this environment.

Specific Action Requested

An affirmative motion in support of this item would read as follows, "I make a motion to approve the quote for cloud backup services in the amount of \$36,332.05"

Attachments



To: Franklin County Board of County Commissioners
From: Pat Toth
Department: Planning & Building
Date: Wednesday, January 7, 2026

AGENDA ITEM NARRATIVE

Consider the approval of rezoning application #2508-0048 (Yezek) to rezone approximately 6.00 acres from the A-2, Transitional Agriculture District to the R-E, Residential Estate District.

BACKGROUND

The Planning Commission held a public hearing on September 18, 2025 to consider rezoning application #2508-0048 (Yezek).

The property is commonly known as 3393 Reno Road and is located on the North side of Reno Road and approximately one-quarter (1/4) mile East of Nevada Road in the Southwest Quarter (SW ¼) of Section 09, Township 16 South, Range 20 East. No portion of the entire approximately 46-acre tract is located within a Special Flood Hazard Area. Aerial photos with the currently effective Special Flood Hazard Area boundaries are attached.

One lot would be approximately 6.00 acres in size and would be rezoned to the R-E, Residential Estate District. The remaining approximately 24.00 acres would remain in the A-2, Transitional Agriculture District.

The purpose for the land division is so the owner can sell the approximately 6.00 acres. Since this parcel was previously split from the parent tract in 2024 and was platted as Lot 2 of Yezek Estates, the applicant will need to file for a replat of that subdivision.

The County has adopted Zoning Regulations pursuant to the Comprehensive Plan, addressing the residential densities by establishing minimum lot sizes for agriculture as well as residential zoning districts. Currently the minimum lot size for the Transitional Agricultural District is 20 acres and a minimum of 5 acres for the Residential Estate District.

After hearing Staff presentation, the Planning Commission did recommend approval of application #2508-0048 (Yezek) to rezone approximately 6.00 acres from the A-2, Transitional Agriculture District to the R-E, Residential Estate District by a unanimous vote of those members present. Notice was sent four (4) surrounding property owners. The Planning Department did not receive any comments for or against the proposed rezoning and no one appeared at the public hearing.

STAFF RECOMMENDATION

Staff recommends that the County Commissioners accept the Planning Commission's recommendation and adopt the attached resolution for the approval of rezoning application #2508-0048 (Yezek) to rezone approximately 6.00 acres from the A-2, Transitional Agriculture District to the R-E, Residential Estate District and to amend the Official County Zoning Map accordingly.

SPECIFIC ACTION REQUESTED

An Affirmative motion in support of the Planning Commission's recommendation would read as follows: "I make a motion to approve a rezoning application #2508-0048 (Yezek) to rezone approximately 6.00 acres from the A-2, Transitional Agriculture District to the R-E, Residential Estate District and to amend the Official County Zoning Map accordingly".

ATTACHMENTS

Applicant Site Plan

Countywide Map

Zoning Map

Farmland Classification Map & Legend

Floodplain and Road Surface Map

Surrounding Subdivision Map

Aerial Photo (2)

Previous Final Plat

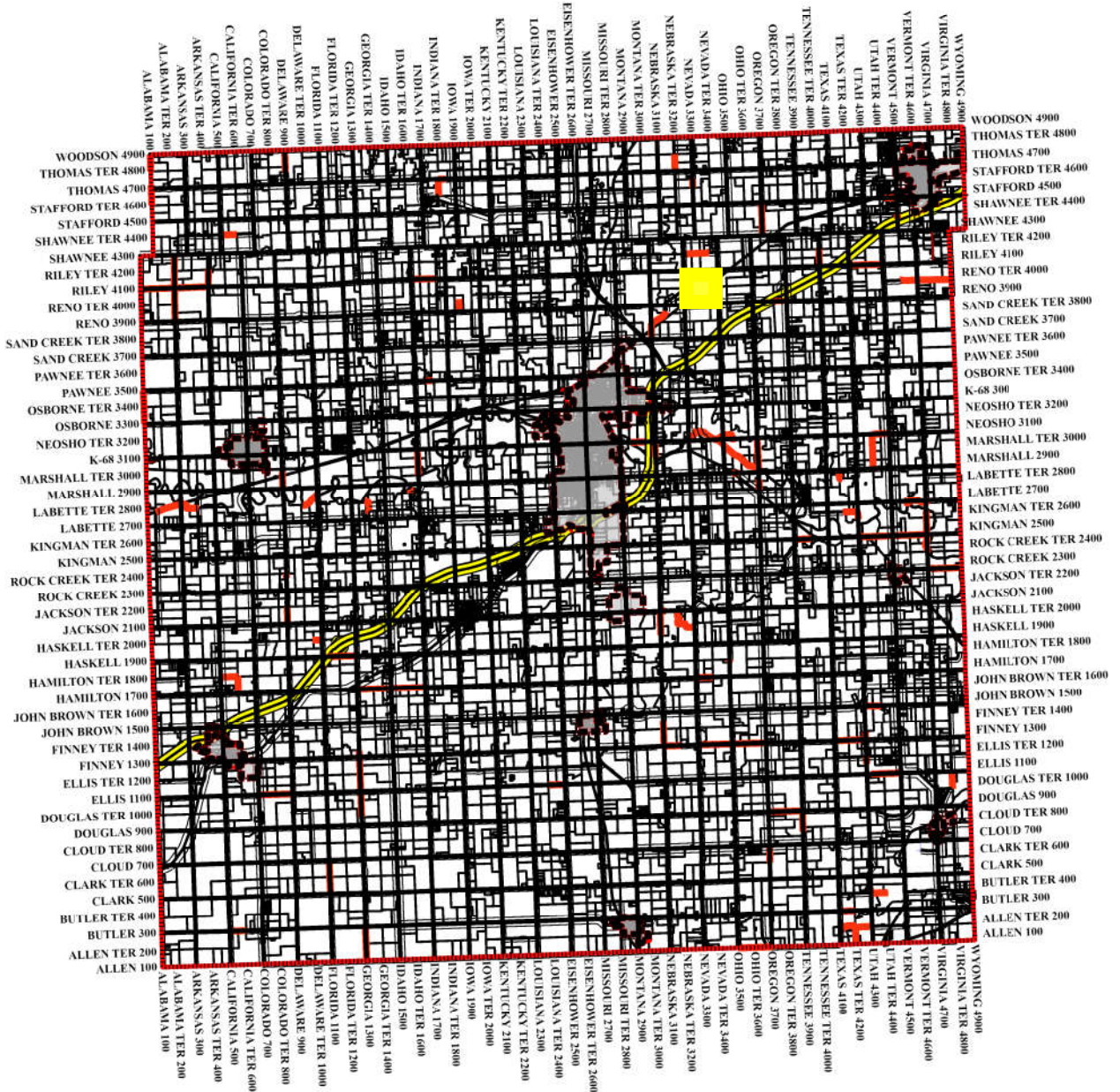
Proposed Final Plat

Resolution/s

YEZEK SITE PLAN



YEZEK COUNTYWIDE MAP



YEZEK ZONING MAP



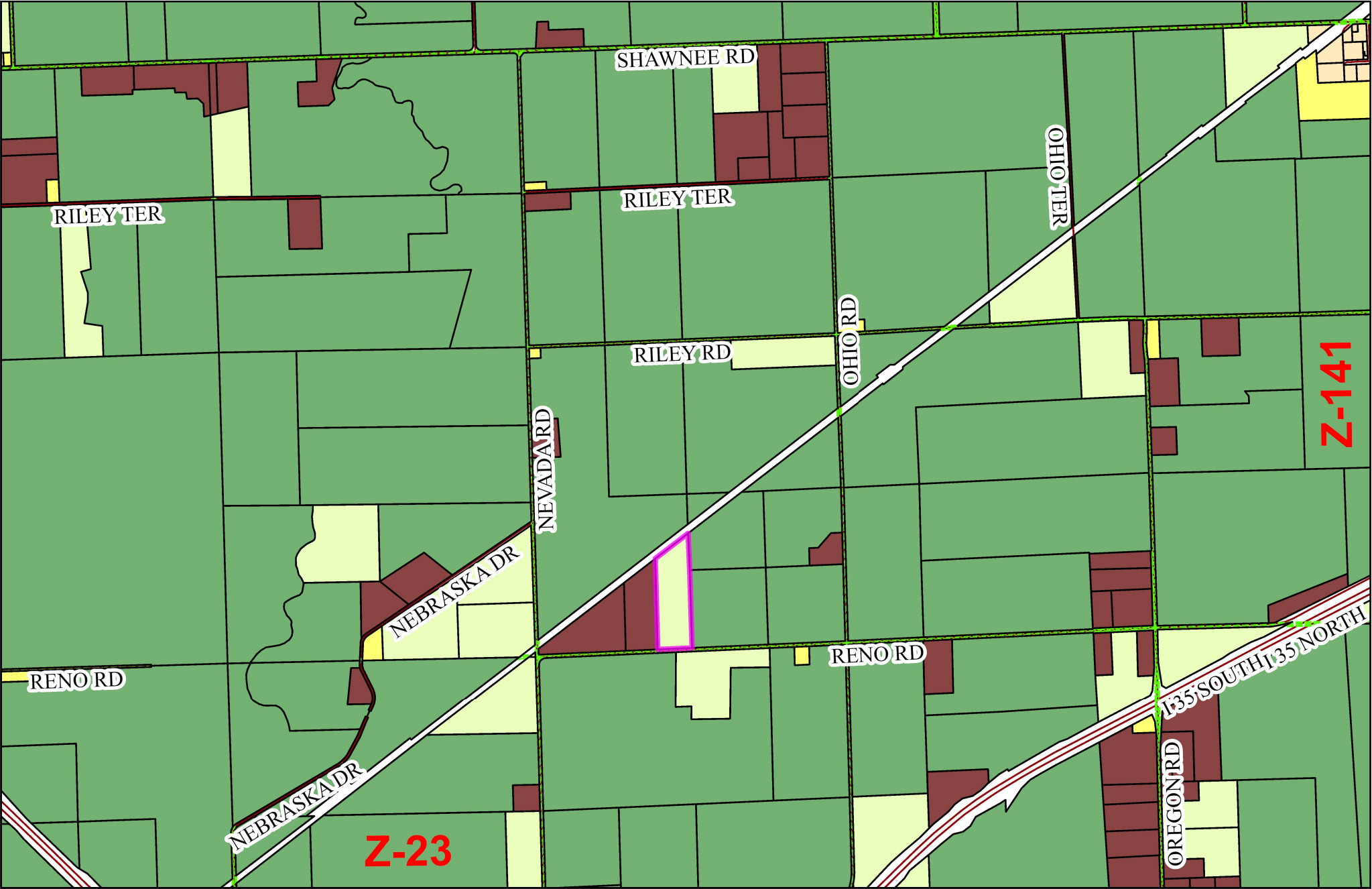
Zoning Map

Agriculture

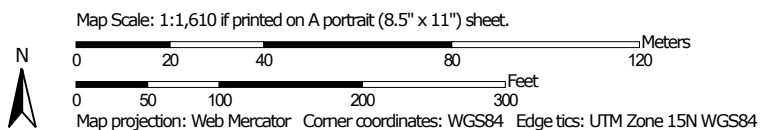
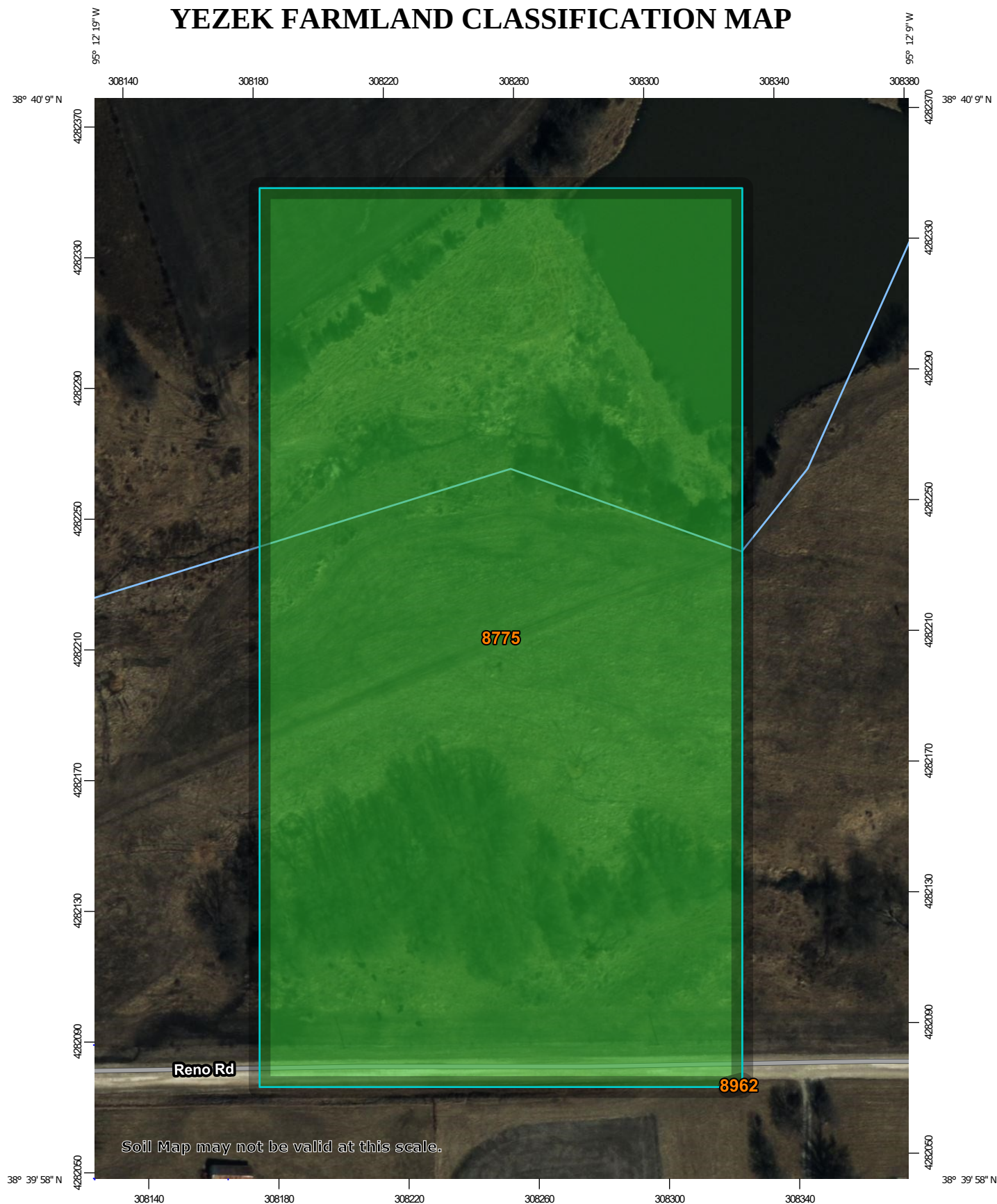
- Transitional Agriculture
- Commercial
- Highway Commercial
- Light Industrial

- Heavy Industrial
- Mobile Home Park
- Single Family

- Single Family Residential Three Acre
- Residential Estate
- City Zoning



YEZEK FARMLAND CLASSIFICATION MAP



Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
8775	Kenoma silt loam, 1 to 3 percent slopes	All areas are prime farmland	10.1	100.0%
8962	Woodson silt loam, 1 to 3 percent slopes	All areas are prime farmland	0.0	0.0%
Totals for Area of Interest			10.1	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

Yezek Road Surface & Floodplain Map

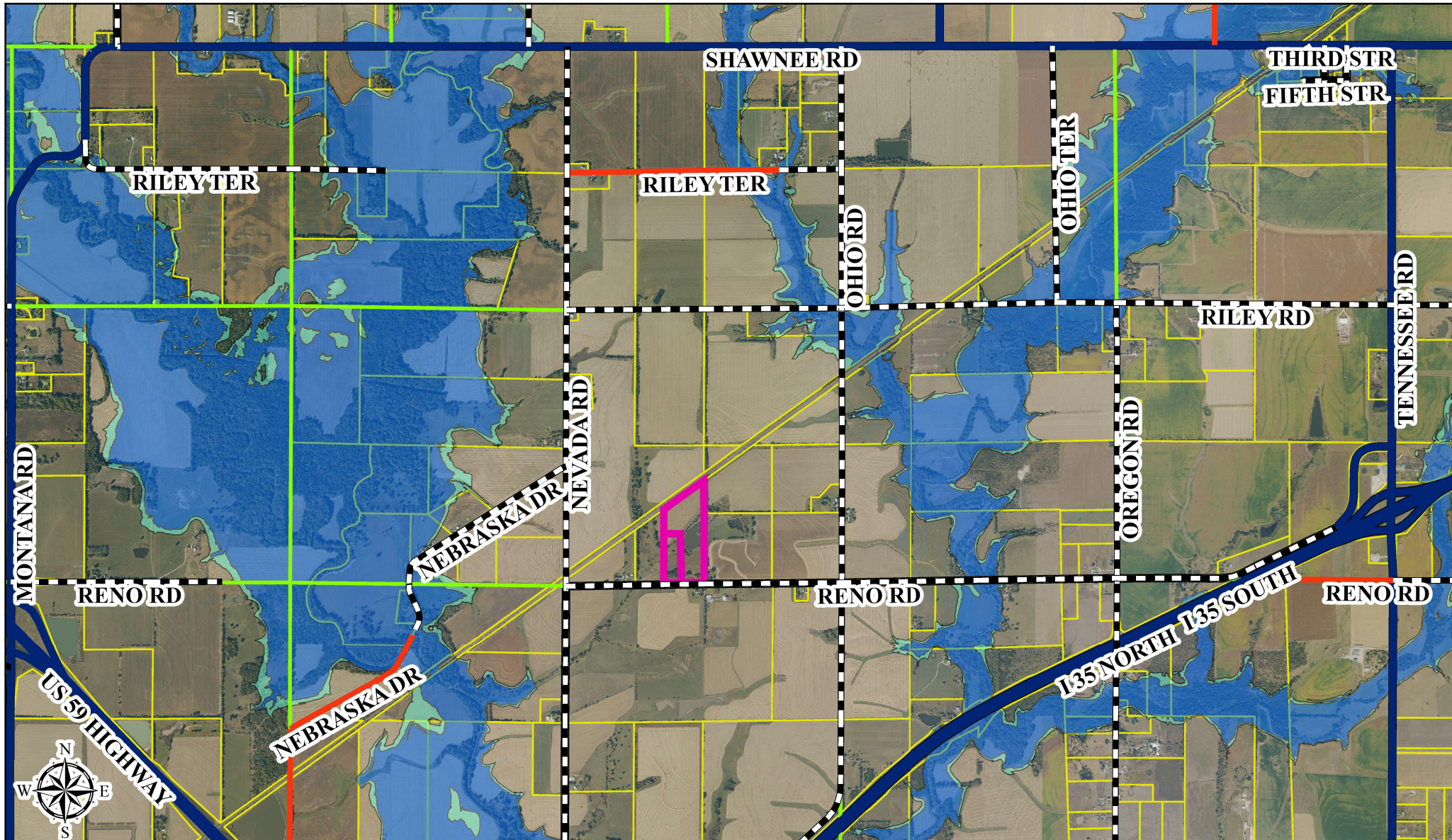
ROAD SURFACE

- PAVED ROAD
- MIN. MAINT.
- GRAVEL
- County Border

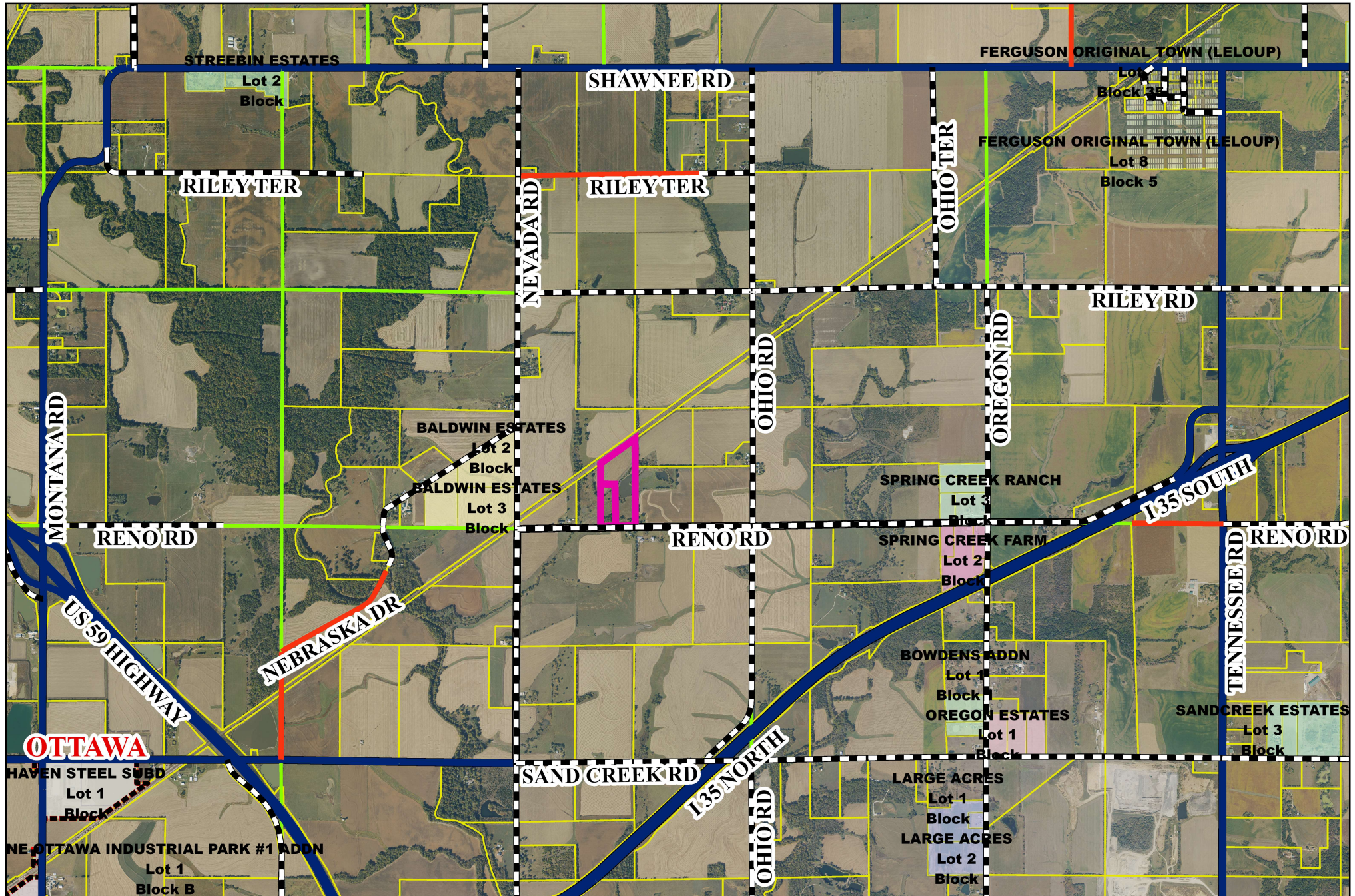
Flood_Year_2022

- 500 Year
- Non Flood Area
- Reduced Flood Risk due to Levee
- 100 Year

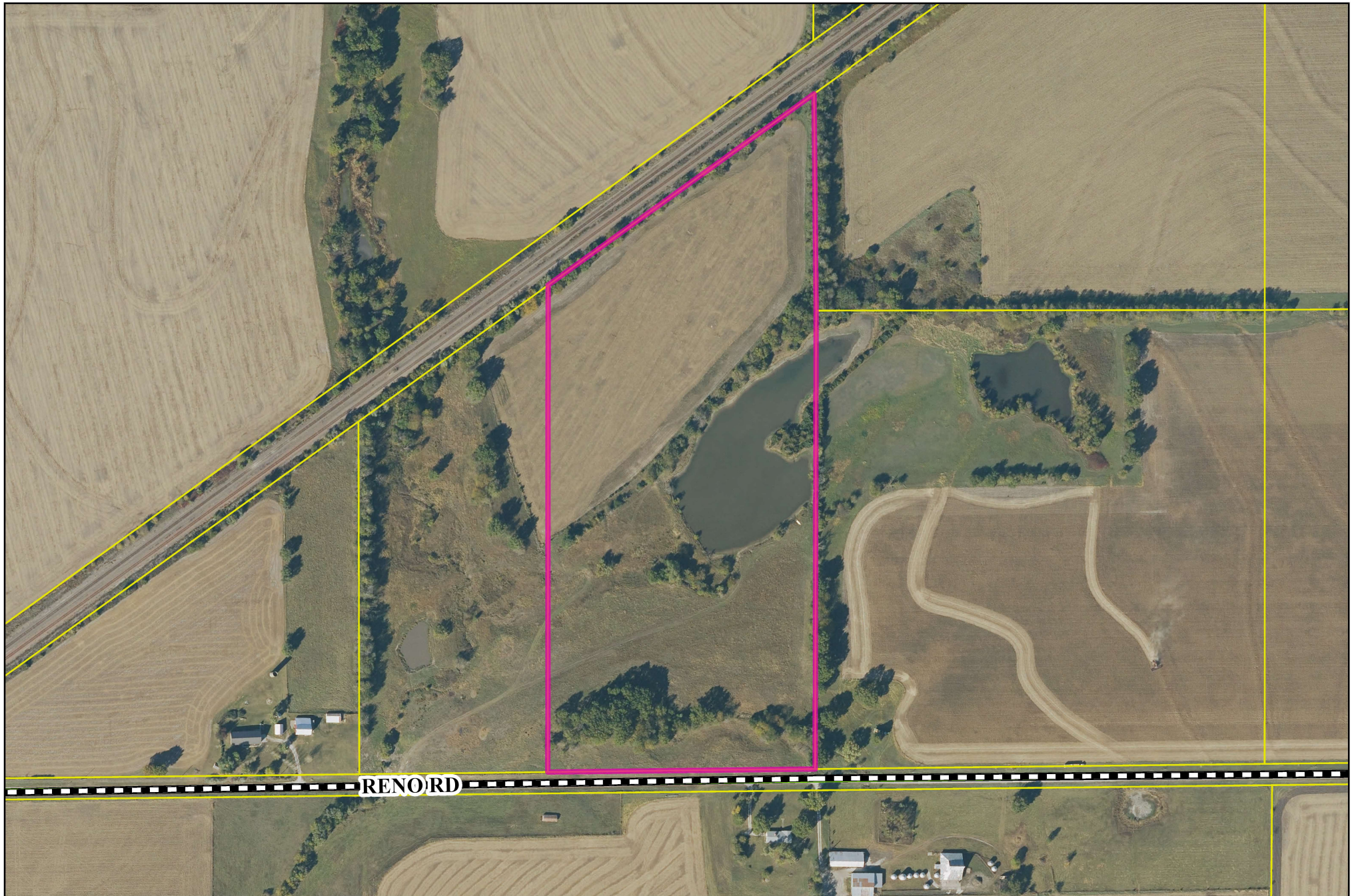
Floodway



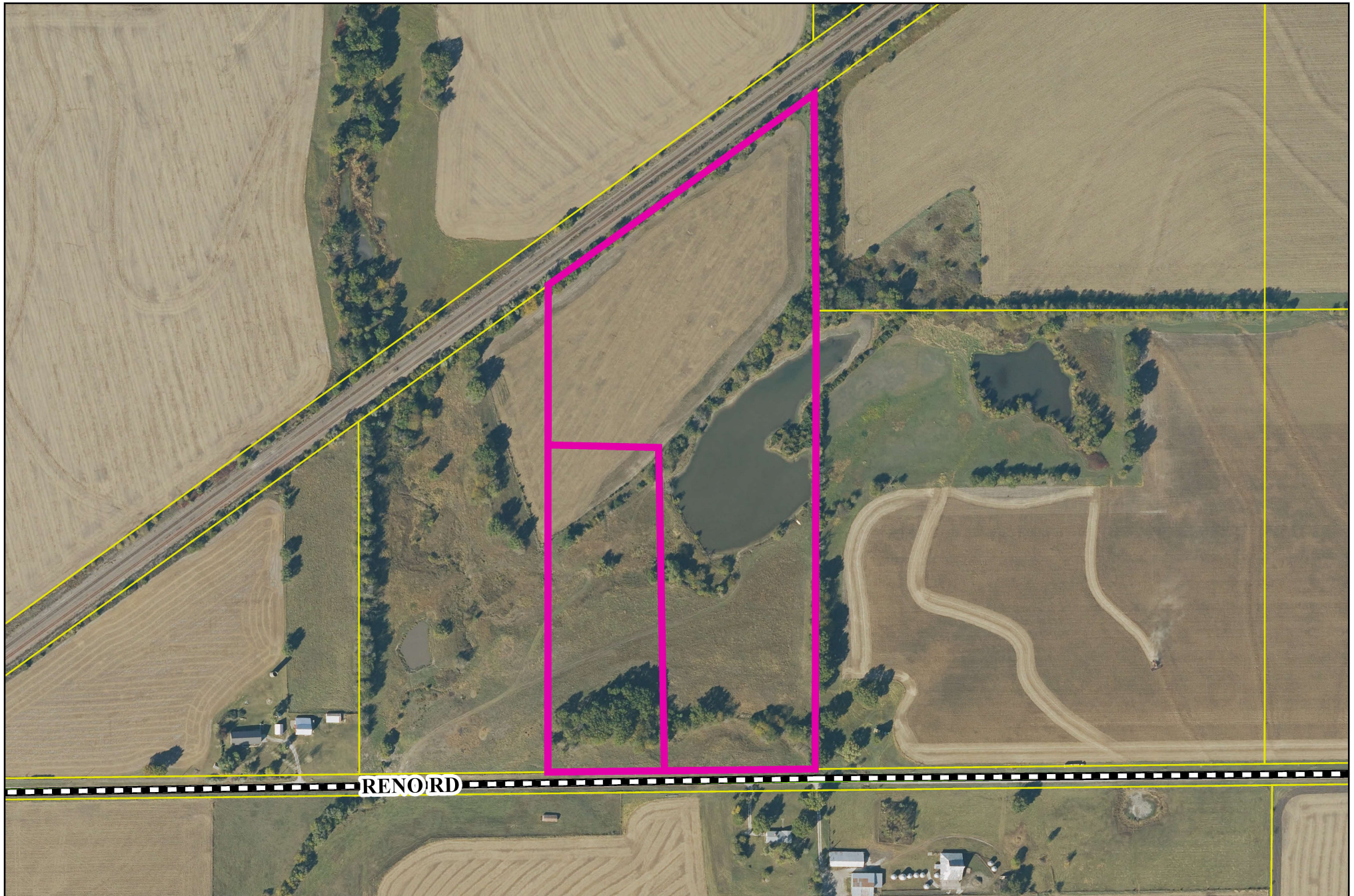
YEZEK SUBDIVISION MAP



YEZEK BEFORE LAND DIVISION



YEZEK AFTER LAND DIVISION



#3644

FILED FOR RECORD
06/25/2025 10:19 AM
VICKI HUGHES
REGISTER OF DEEDS
FRANKLIN COUNTY, KANSAS
INSTRUMENT # 2025-01842
RECORDING FEE \$2.00
Slide 555

STATE OF KANSAS)
) SS:
FRANKLIN COUNTY)



This is to certify that this instrument was filed for record in the office of Franklin County Register of Deeds on this 25th day of June, 2025, at 10:18 am/pm and is duly recorded at Slide No. 555 instrument No. 2025-01842

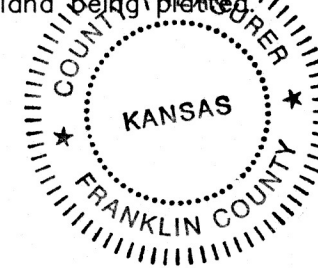
By: Vicki Hughes
Vicki Hughes, Register of Deeds

STATE OF KANSAS)
) SS:
FRANKLIN COUNTY)

This is to certify that all current and previous taxes and any special assignments have been paid on the land described herein.

Date: 6-25-2025

By: Marilyn Stevenson
Marilyn Stevenson, Treasurer



Attest: Elizabeth Lewis
Elizabeth Lewis, Deputy Treasurer

This Survey has been reviewed and approved for filing, pursuant to K.S.A. 58-2005 for content only and is in compliance with this act. No other warranties are extended or implied.

By: James D. Schmitz Date: 5/29/2025
James D. Schmitz US# 727

SURVEY NOTES:

1. Basis of Bearings: Kansas State Plane, South Zone.
2. No easement information was provided as a part of this survey.
3. Reference surveys:

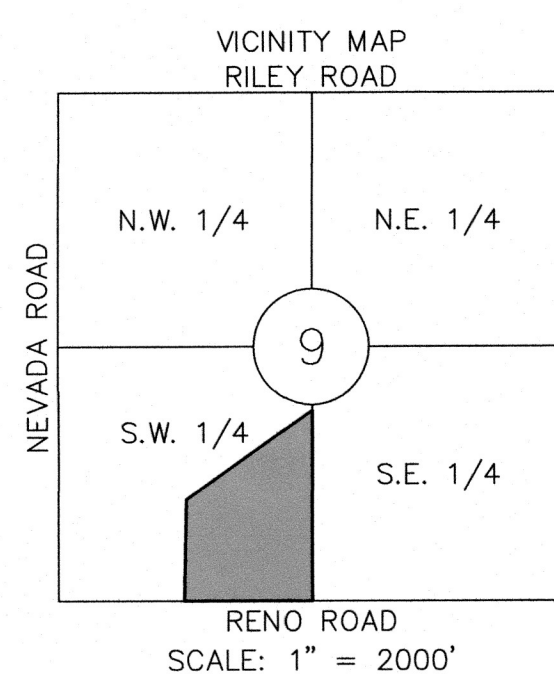
Tract split by Jeff Luthro dated 5/8/2024

LEGEND

- FOUND BAR AS DESCRIBED ORIGIN UNKNOWN UNLESS NOTED
- ⊙ SET 1/2" X 24" REBAR WITH PLASTIC KS CLS 93 CAP
- U/E UTILITY EASEMENT
- R/W RIGHT-OF-WAY

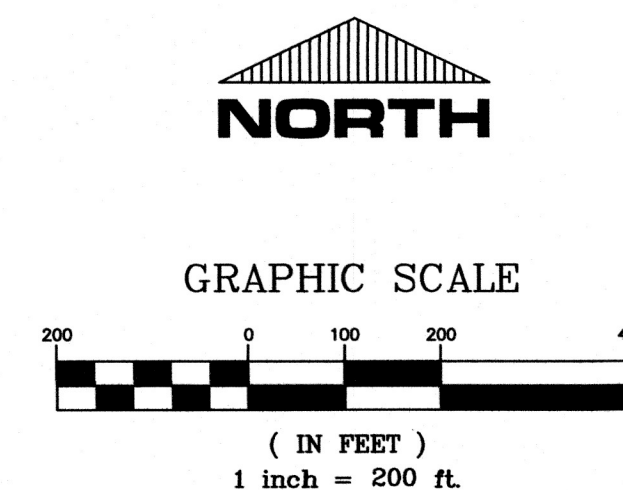
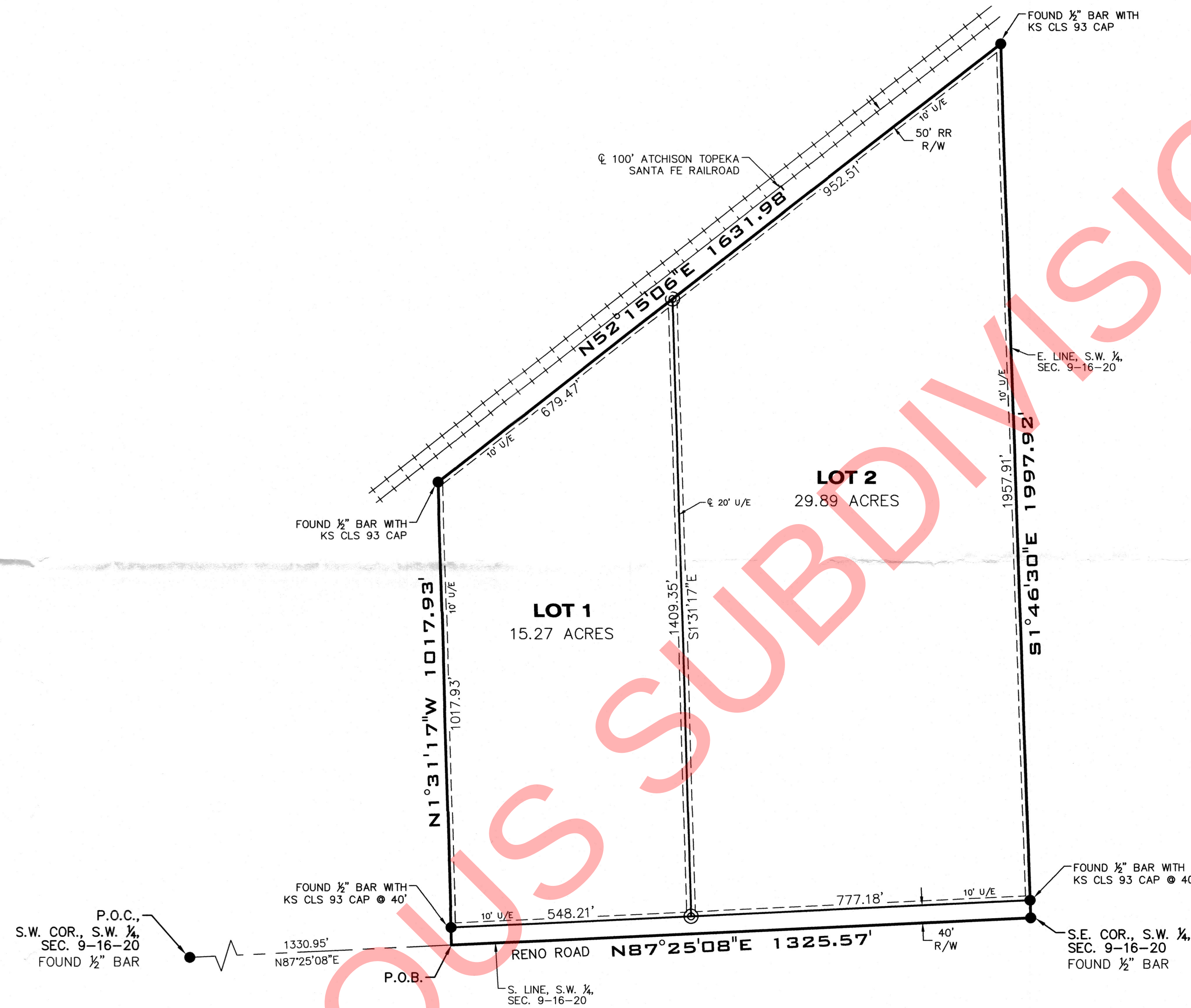
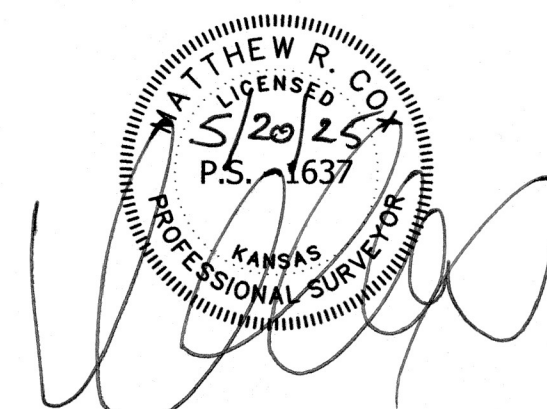
ERROR OF CLOSURE
Perimeter: 6013.40' Area: 2020434.69 Sq. Ft.
Error Closure: 0.0102 Course: S85°56'28"W
Error North: -0.00072 East: -0.01013

Precision 1: 589550.00



PROJECT LOCATION
SECTION 9-16-20

THIS IS TO CERTIFY THAT ON THE 17TH DAY OF MARCH 2025, THIS FIELD SURVEY WAS COMPLETED ON THE GROUND BY ME OR UNDER MY DIRECT SUPERVISION AND THAT SAID SURVEY MEETS OR EXCEEDS THE "KANSAS MINIMUM STANDARDS" FOR BOUNDARY SURVEYS PURSUANT TO K.A.R. 66-12-1.



FINAL PLAT OF YEZEK ESTATES

PART OF THE S.W. 1/4 OF SECTION 9, TOWNSHIP 16S, RANGE 20E
FRANKLIN COUNTY, KANSAS

LEGAL DESCRIPTION

All that part of the Southwest Quarter Section 9, Township 16 South, Range 20 East, Franklin County, Kansas, described by Matthew R. Cox, PS-1637 on May 16, 2025 as follows:

Commencing at the Southwest corner of the Southwest Quarter of said Section 9; thence N87°25'08\"/>

DEDICATION:

The undersigned owners of the above described tract of land have caused the same to be subdivided in the manner as shown on the accompanying plat, which subdivision and plat shall hereafter be known as "YEZEK ESTATES".

The undersigned proprietor(s) of the hereon described property as shown on this plat do hereby dedicate to public use and public ways and thoroughfares, all parcels and parts of land indicated on said plat as streets, terraces, places, roads, avenues, lanes, and alleys not already heretofore dedicated.

An easement or license is hereby granted to Franklin County, Kansas, and to all public utility companies duly incorporated and licensed to do business in Franklin County, Kansas, to enter upon, locate, construct, and maintain poles, wires, anchors, pipes, conduits, sewers, surface drainage facilities, etc., upon, over and under those areas outlined and designated on this plat as "Utility Easement or "U/E"

EXECUTION

IN TESTIMONY WHEREOF, the undersigned owners of the tract of land hereon described have hereunto set their hands and seals this 23 day of May, 2025.

By: Thomas D. Yezek
Thomas D. Yezek

By: Kamryn E. Yezek
Kamryn E. Yezek

STATE OF KANSAS)
) SS:
COUNTY OF JOHNSON)

BE IT REMEMBERED, that on this 23 day of May, 2025, before me, a notary public in and for said County and State, came Thomas D. Yezek and Kamryn E. Yezek, who executed the foregoing instrument of writing, and duly acknowledged the execution of the same for themselves and for the use and purposes herein set forth.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

By: Matthew R. Cox
Notary Public

My Commission Expires: 1/5/27

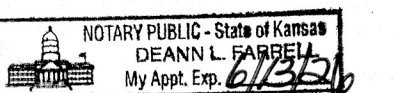


APPROVALS

APPROVED by the Planning Commission of Franklin County this 19th day of June, 2025

By: Don R. Reed
Chairman

By: Deann L. Farrell
Attest

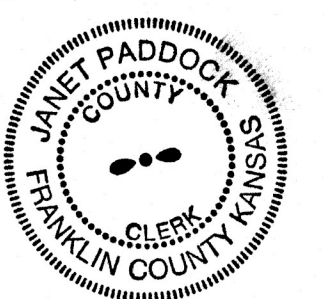


CERTIFICATION OF FRANKLIN COUNTY COMMISSIONERS:

This plat and all dedications of Rights of Way and Easements shown on this plat are hereby accepted by the Board of County Commissioners, Franklin County, Kansas.

By: Donna L. Harris
Chairman

By: Janet Paddock
County Clerk



YEZEK ESTATES

CIVIL ENGINEERS LAND SURVEYORS - LAND PLANNERS



122 N. WATER STREET
OLATHE, KANSAS 66061
PHONE: (913) 764-1076
FAX: (913) 764-8635

14 W. PEORIA
PAOLA, KANSAS 66071
PHONE: (913) 557-1076
FAX: (913) 557-6904

AD PROJECT #41153

SEC. 9-16-20

FINAL PLAT

FINAL PLAT OF
YEZEK ESTATES, SECOND PLAT
A REPLAT OF LOT 2, YEZEK ESTATES
PART OF THE S.W. 1/4 OF SECTION 9, TOWNSHIP 16S, RANGE 20E
FRANKLIN COUNTY, KANSAS

STATE OF KANSAS)
) SS:
FRANKLIN COUNTY)

This is to certify that this instrument was filed for record in the office of
Franklin County Register of Deeds on this _____ day of _____
20____ at _____ am/pm and is duly
recorded at Slide No. _____ Instrument No. _____

By: _____
Vicki Hughes, Register of Deeds

STATE OF KANSAS)
) SS:
FRANKLIN COUNTY)

This is to certify that all current and previous taxes and any
special assignments have been paid on the land being platted.

Date: _____

By: _____
Marilyn Stevenson, Treasurer

Attest: _____
Elizabeth Lewis, Deputy Treasurer

This Survey has been reviewed and approved for filing, pursuant
to K.S.A. 58-2005 for content only and is in compliance with
this act. No other warranties are extended or implied.

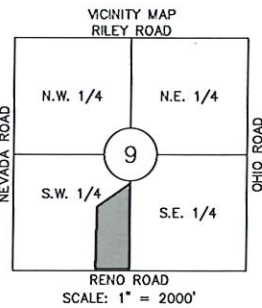
By: Tim Sloan Date: 12/12/2025
Tim Sloan, KS PS 783

- SURVEY NOTES:
1. Basis of Bearings: Kansas State Plane, South Zone.
 2. No easement information was provided as a part of this survey.
 3. Reference surveys:
Tract split by Jeff Luthro dated 5/8/2024
Final plat of Yezeq Estates

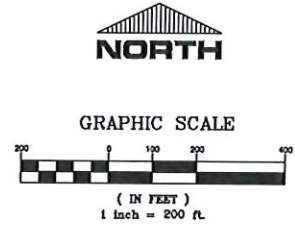
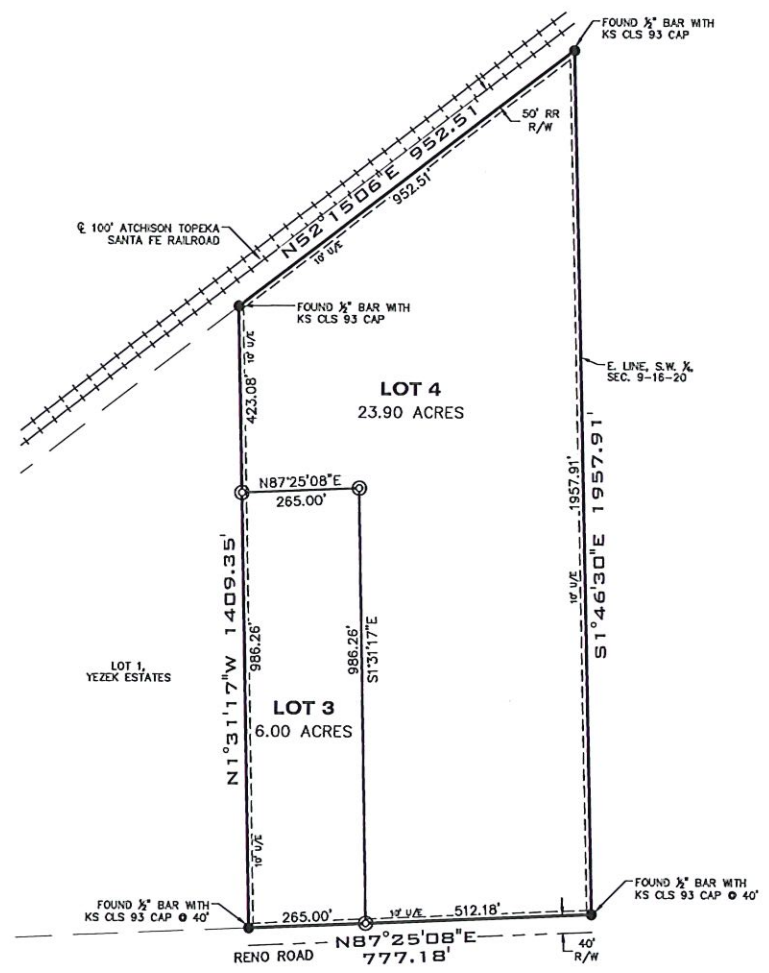
LEGEND
● FOUND BAR AS DESCRIBED
ORIGIN UNKNOWN UNLESS NOTED
⊙ SET 1/2" X 24" REBAR WITH PLASTIC
KS CLS 93 CAP
U/E UTILITY EASEMENT
R/W RIGHT-OF-WAY

ERROR OF CLOSURE
Perimeter: 5096.94' Area: 1302198.64 Sq. Ft.
Error Closure: 0.0092 Course: N53°50'51"E
Error North: 0.00543 East: 0.00744

Precision 1: 554015.22



THIS IS TO CERTIFY THAT ON THE 15TH DAY OF OCTOBER 2025,
THIS FIELD SURVEY WAS COMPLETED ON THE GROUND BY ME OR
UNDER MY DIRECT SUPERVISION AND THAT SAID SURVEY MEETS OR
EXCEEDS THE "KANSAS MINIMUM STANDARDS" FOR BOUNDARY
SURVEYS PURSUANT TO K.A.R. 66-12-1.



LEGAL DESCRIPTION
This is a re-subdivision and replat of Lot 2, Yezeq Estates, a subdivision of land in the Southwest Quarter of
Section 9, Township 16 South, Range 20 East, in Franklin County, Kansas.

DEDICATION:
The undersigned owners of the above described tract of land have caused the same to be subdivided in the
manner as shown on the accompanying plat, which subdivision and plat shall hereafter be known as "YEZEK
ESTATES, SECOND PLAT".

The undersigned proprietor(s) of the hereon described property as shown on this plat do hereby dedicate to
public use and public ways and thoroughfares, all parcels and parts of land indicated on said plat as streets,
terraces, places, roads, avenues, lanes, and alleys not already heretofore dedicated.

An easement or license is hereby granted to Franklin County, Kansas, and to all public utility companies duly
incorporated and licensed to do business in Franklin County, Kansas, to enter upon, locate, construct, and
maintain poles, wires, anchors, pipes, conduits, sewers, surface drainage facilities, etc., upon, over and under
those areas outlined and designated on this plat as "Utility Easement or "U/E"

EXECUTION

IN TESTIMONY WHEREOF, the undersigned owners of the tract of land hereon described have hereunto set their
hands and seals this _____ day of _____, 20____.

By: _____ By: _____
Thomas D. Yezeq Kamryn E. Yezeq

STATE OF)
) SS:
COUNTY OF)

BE IT REMEMBERED, that on this _____ day of _____, 20____, before me, a notary public in and for
said County and State, came Thomas D. Yezeq and Kamryn E. Yezeq, who executed the foregoing instrument of
writing, and duly acknowledged the execution of the same for themselves and for the use and purposes herein set
forth.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above
written.

By: _____ My Commission Expires. _____
Notary Public

APPROVALS

APPROVED by the Planning Commission of Franklin County this _____ day of _____, 20____

By: _____ Attest
Chairman

CERTIFICATION OF FRANKLIN COUNTY COMMISSIONERS:
This plat and all dedications of Rights of Way and Easements shown on this plat are hereby accepted by the Board
of County Commissioners, Franklin County, Kansas.

By: _____ County Clerk
Chairman

YEZEK ESTATES, SECOND PLAT



CIVIL ENGINEERS
LAND SURVEYORS - LAND PLANNERS
122 N. WATER STREET
OLATHE, KANSAS 66061
PHONE: (913) 764-1076
FAX: (913) 764-8635
14 W. PEORIA
PAOLA, KANSAS 66071
PHONE: (913) 557-1076
FAX: (913) 557-6904



**Board of County Commissioners
Franklin County, Kansas**

Resolution 26-

**A RESOLUTION AMENDING THE
OFFICIAL ZONING DISTRICT MAP OF FRANKLIN COUNTY, KANSAS**

WHEREAS, the Franklin County Planning Commission of Franklin County, Kansas received an application for a Zone Change from Thomas Yezek to rezone approximately 6.00 acres, described as New Tract 3, from the A-2, Transitional Agriculture District to the R-E, Residential Estate District. The property described below lies outside any incorporated city and is described as follows:

New Tract 3:

All that part of Lot 2, Yezek Estates, a subdivision of land in the Southwest Quarter of Section 9, Township 16 South, Range 20 East, in Franklin County, Kansas, described as follows:

Beginning at the Southwest corner of said Lot 2; thence North 1 degree 31 minutes 17 seconds West, along the West line of said Lot 2, a distance of 986.26 feet; thence North 87 degrees 25 minutes 08 seconds East, a distance of 265.00 feet; thence South 1 degree 31 minutes 17 seconds East, a distance of 986.26 feet to a point on the South line of said Lot 2; thence South 87 degrees 25 minutes 08 seconds West, along the South line of said Lot 2, a distance of 265.00 feet to the point of beginning, containing 6.00 acres, more or less.

WHEREAS, pursuant to K.S.A. 12-757(b), the Franklin County Planning Commission has published in the official county newspaper on the August 27, 2025, notice of public hearing for said Zoning Change; and

WHEREAS, pursuant to K.S.A. 12-757(b), the Franklin County Planning Commission held a public hearing on September 18, 2025 regarding said Zoning Change; and

WHEREAS, the Franklin County Planning Commission, on September 18, 2025 in regular session and by a unanimous vote of those members present, recommended approval of said Zoning Change request based upon certain findings of fact, whereby recommending that the Official Zoning District Map of Franklin County, Kansas be amended; and

WHEREAS, the Franklin County Board of County Commissioners, after duly reviewing the recommendation of the Planning Commission and considering all public comments and concerns regarding said Zoning Change, find that the rezoning of said property would not be detrimental to the surrounding properties and would be in compliance with the provisions of K.S.A. 12-753, the purpose and intent of the Franklin County Comprehensive Plan and the general welfare of the citizens of Franklin County.

NOW, THEREFORE, BE IT RESOLVED, that the Franklin County Board of County Commissioners does hereby approve the rezoning of the above-described tract from the A-2, Transitional Agriculture District to the R-E, Residential Estate District and that the Official Zoning District Map of Franklin County, Kansas be amended to reflect the approved zoning change.

PASSED AND ADOPTED by the Franklin County Board of County Commissioners this 7th day of January 2026. This action shall become effective upon publication in the official county newspaper.

Rodney L. Harris
Chair

Received and recorded this the 7th day of January 2026.

Janet Paddock
County Clerk



**Board of County Commissioners
Franklin County, Kansas**

Resolution 26-

**A RESOLUTION DENYING REZONING APPLICATION #2508-0048 (YEZEK)
TO REZONE APPROXIMATELY 6.00 ACRES FROM THE A-2, TRANSITIONAL
AGRICULTURE DISTRICT TO THE R-E, RESIDENTIAL ESTATE DISTRICT.**

WHEREAS Franklin County, Kansas is a county municipal government, organized pursuant to K.S.A. 19-101; and

WHEREAS, pursuant to K.S.A. 12-757(b), the Franklin County Planning Commission has published in the official county newspaper on the August 27, 2025, notice of public hearing for said Zoning Change; and

WHEREAS, pursuant to K.S.A. 12-757(b), the Franklin County Planning Commission held a public hearing on September 18, 2025 regarding said Zoning Change; and

WHEREAS, the Franklin County Planning Commission, on September 18, 2025 in regular session and by a unanimous vote of those members present, recommended approval of said Zoning Change request based upon certain findings of fact, whereby recommending that the Official Zoning District Map of Franklin County, Kansas be amended; and

WHEREAS, the Board of County Commissioners of Franklin County, after duly reviewing the recommendation of the Planning Commission together with all public comments for and against said Rezoning Application finds:

1. That the rezoning from "A-2" to "R-E" is not consistent with the County Zoning Regulations.
2. That the rezoning from "A-2" to "R-E" is not in conformance with and would not further enhance the County Comprehensive Plan.
3. That the rezoning from "A-2" to "R-E" will unduly affect the character of the surrounding community.
4. That the rezoning from "A-2" to "R-E" will impact property values of surrounding properties.

NOW, THEREFORE, BE IT RESOLVED, that the Franklin County Board of County Commissioners does hereby deny rezoning application #2508-0048 (Yezek) to rezone approximately 6.00 acres from A-2, Transitional Agriculture District to the R-E, Residential Estate District.

PASSED AND ADOPTED by the Franklin County Board of County Commissioners this 7th day of January 2026. This action shall become effective upon publication in the official county newspaper.

Rodney L. Harris
Chair

Received and recorded this the 7th day of January 2026.

Janet Paddock
County Clerk



To: Franklin County Board of County Commissioners
From: Pat Toth
Department: Planning & Building
Date: Wednesday, January 7, 2026

AGENDA ITEM NARRATIVE

Consider approval of Special Use Permit Application #2511-0011 (Selective Site Consultants) to allow for the construction, operation and maintenance of a 305-foot high telecommunication tower in an A-1 (Agriculture) Zoning District. The current use of the property is for agricultural with an existing residential dwelling.

BACKGROUND

Said property is currently known as 3751 Nevada Road and is located on the East side of Nevada Road, approximately one-half (1/2) mile North of Sand Creek Road, in the Northwest Quarter (NW ½) of the Southwest Quarter (SW ¼) of Section 16, Township 16 South, Range 20 East.

The proposed tower structure is 305 feet high with five (5) additional feet in height for the lightning rod and other related apparatus. The tower would be a guyed tower with antennas and related equipment for a wireless communication site. The tower is being built for use by Verizon Wireless to provide broadband services. There would be space available at 290' elevation and 280' elevation for future carriers.

The lease site is approximately 100'x100' in size and would be surrounded with a 70'x70' chain-link fence for all the equipment. A new 12' wide gravel access road from Eisenhower Road to the compound will be added. The power and fiber will run underground from the site to the nearest utility pole to the fenced lease area.

Said property is currently known as 3751 Nevada Road and is located on the East side of Nevada Road, approximately one-half (1/2) mile North of Sand Creek Road, in the Northwest Quarter (NW ½) of the Southwest Quarter (SW ¼) of Section 16, Township 16 South, Range 20 East.

The Planning Commission recommended the following conditions for approval of the Special Use Permit:

1. That the tower base be enclosed with a 70'x70' chain link fence with security barbed wire. Access to the enclosed area shall be locked at all times except when being used by company employees.
2. That lighting on the tower shall be in compliance with Federal Aviation Administration lighting standards.
3. That the communication facilities comply with all requirements of the Federal Communication Commission.
4. That a sign be placed on the security fence around the tower base to include a telephone number of a responsible party in the event of an emergency.
5. That the tower base and access easement be kept free of noxious weeds, litter and debris.
6. That the tower and related facilities comply with the County Building Codes and Permits.
7. Two (2) on-site parking spaces shall be provided and maintained on an all-weather surfaced area in accordance with the standards set forth in Article 21 of the County Zoning Regulations.

8. That the tower be located 310 feet from any property line or buildings.
9. The location of the entrance must be approved through the Public Works Department.
10. That the Special use permit shall be null and void by operation of law if said permit has not been initiated and utilized by commencing the activity or use at the site specified in said permit within one (1) year of the date of approval.

Notice of the hearing letters were sent to six (6)) surrounding property owners as required by K.S.A 12-757(b). The Planning Department had not received any comments for or against the proposed special use permit request and no one appeared at the Public Hearing.

The Planning Commission has recommended approval of the Special Use Permit to allow for construction, operation and maintenance of a 305-foot high telecommunication tower in an A-1 (Agriculture) Zoning District based on the findings and subject to the ten (10) conditions listed in the Resolution by a unanimous vote of those members present.

STAFF RECOMMENDATION

Staff recommends that the Board of County Commissioners approve Special Use Permit Application #2511-0011 (Selective Site Consultants) to allow for construction, operation and maintenance of a 305-foot high telecommunication tower in an A-1 (Agriculture) Zoning District based on the findings and subject to the ten (10) conditions cited in the Resolution recommended by the Planning Commission.

SPECIFIC ACTION REQUESTED

An Affirmative motion in support of this item would read as follows: "I make a motion approve Special Use Application #2511-0011 (Selective Site Consultants) to allow for construction, operation and maintenance of a 305-foot high telecommunication tower in an A-1 (Agriculture) Zoning District based on the findings and subject to the ten (10) conditions cited in the attached Resolution".

ATTACHMENTS

Applicant Submittals (52)

Countywide Map

Zoning Map

Floodplain and Road Classification Map

Aerial Photo (2)



10/27/2025

Franklin County Planning and Building
1428 S. Main, Suite 5
Ottawa, KS 66067

RE: STC Towers (Verizon Wireless - Anchor Tenant):
Parcel ID: 030-095-16-00-003.01-0(Franklin County, KS)

To Whom it May Concern,

Selective Site Consultants, Inc., as a consultant to STC Towers and on behalf of Verizon Wireless did review and did provide to Verizon all collocation opportunities that were available in the area of Verizon's coverage needs

Regards,

Jeff Konkell | SSC |
7171 W. 95th Street, Suite 600
Overland Park, Kansas 66212
p 913.340.8578
www.ssc.us.com



Via Federal Express and uploaded into the portal

November 06, 2025

Pat Toth, Planning & Building Director
Franklin County
315 S. Main
Ottawa, KS 66067

RE: Special Use Permit

Dear Mr. Toth,

Please find enclosed and Application for a Special Use Permit we are filing on behalf of and as agent for STC Towers, LLC ("STC Towers").

Please consider this letter as supplemental to the Application. We have also provided an additional (11) copies as we ask you to provide a copy to each member of the Franklin County Planning Commission Meeting.

Cell Site Name: Nevada HRR
Cell Site Number: STC202-KS
Cell Site Address: 3751 NEVADA ROAD, OTTAWA, KS 66067

Tower Information:

Latitude: 38° 39' 29.90" N (NAD 83)
Longitude: 95° 12' 37.49" W (NAD 83)
Ground Elevation: 936' AMSL
Overall Structure Height: 310'-0" AGL
Tower Height: 305'-0" AGL
Tower Type: GUYED TOWER
Applicant Center Line: 300'-0" AGL

Landlord:

Robert G. & Donita L. Callahan
3751 Nevada Road, Ottawa, KS, 66067

State Law:

In 2021 Kansas enacted K.S.A. 66-2019 (copy attached) addressing siting of wireless infrastructure and states:

(a) The Kansas legislature finds and declares that:

- (1) The permitting, construction, modification, maintenance and operation of wireless facilities are critical to ensuring that all citizens in the state have true access to broadband and other advanced technology and information;
- (2) these facilities are critical to ensuring that businesses and schools throughout the state remain competitive in the global economy;
- (3) wireless telecommunications facilities that enable broadband services have a significant economic benefit; and
- (4) the permitting, construction, modification, maintenance and operation of these facilities, to the extent specifically addressed in this section, are declared to be matters of statewide concern and interest.

STC Towers is a “wireless infrastructure provider” as that term is defined in K.S.A. 66-2019(b)(20), in that it builds wireless support structures (which means a freestanding tower as defined in 66-2019(b)(20)) but is not a wireless service provider. It is proposing to build this tower for use by Verizon Wireless, which is a wireless service provider, to provide broadband services. The Franklin County Planning Commission is considered an “Authority” as defined in K.S.A. 66-2019(b)(5) in that it is a “commission” that is authorized to make decisions concerning an application for a new wireless support structure.

Per Zoning Regulations of Franklin County, Section S.3a General Provisions for Towers, please note that Selective Site Consultants, Inc., as a consultant to STC Towers and on behalf of Verizon Wireless, did review and provide to Verizon all collocation opportunities that were available in Verizon’s coverage needs. Please accept our written statement to that effect. Kansas State Statute 66-2019 states an authority cannot deny an application because there are other locations available or collocation alternatives.

Special Use Permit Criteria

Article 19 Special Use Permits

Section 19-2. Application for Special Use Permit

19-2.01 An application for a Special Use Permit may be initiated by a property owner or agent representing a property owner to the County Planning and Building Office on forms available from the Planning Director.

19-2.02 The application shall include the following:

- a. Filing fee as established by the County Commissioners.

Applicant Response: \$270.00 fee paid.

b. Legal description of the property.

Applicant Response: Please refer to the Kansas Quit-Claim Deed dated December 18, 2017. N.W. ¼ of the S.W. ¼ of Sec. 16, Twp. 16, Rng. 20, Franklin County, Kansas

c. Names of all property owners having a legal interest in the property.

Applicant Response: Robert G. & Donita L. Callahan with an address at 3751 Nevada Road, Ottawa, KS 66067

d. Description of the proposed activity.

Applicant Response: STC Towers requests a special use permit to install a 305'0" guyed tower with antennas and related equipment for a wireless communications site. The overall structure height will be 310'0" with a lease space of 100' x 100'. This facility will be surrounded with a 70' x 70' chain-link fence for all equipment. STC Towers has met the setback requirements stated in the Zoning Regulations of Franklin County, Kansas section S. Radio, Television, Telecommunication and Microwave Towers 4 Development Standards For Towers a) *"The location of a ground-mounted tower must be such that it is setback at least equal to the height of the tower to the nearest property line measured from the center of the tower."* Please refer to the construction drawings Overall Site Plan Sheet: C-1.0.

e. Composite site plan showing the major details of the proposed development, including the location of all structures, fences, driveways, utilities, drainages, slopes, parking, landscaping and other physical features.

Applicant Response: Please refer to the construction drawings Overall Site Plan Sheet # C-1.0 and Enlarged Site Plan Sheet # C-1.1.

f. A statement from the utility services regarding their capabilities to serve the development.

Applicant Response: Pat Toth, Planning & Building Director, confirmed this is not applicable for water resources. Everygy: 888.471.5275 is servicing the site.

g. If private on-site sanitation is proposed, a description of the sanitation system, including size and location of the proposed facility

Applicant Response: Pat Toth confirmed this is not applicable; no sanitation is proposed.

19-3.04 In considering any application for a Special Use Permit, the Planning Commission

shall give consideration that the proposed use is in conformance with the Comprehensive Plan, complies with other adopted standards, is in the interest of the public health, safety and general welfare and the following additional factors:

a. The character of the neighborhood.

Applicant Response: The character of the neighborhood of the proposed site's location is consistent with the zoning and use district designation of A-1 (Agricultural District).

b. The zoning and uses of nearby properties.

Applicant Response: This proposed site's location and the nearby properties are zoned: A-1 (Agriculture District). Per Zoning Regulations of Franklin County, Kansas Section S.4e) "*All towers may be located in areas zoned commercial, industrial or agricultural.*"

c. The suitability of the subject property to the proposed use.

Applicant Response: This site's location meets the engineering needs of Verizon Wireless's communication network.

d. Mitigation measures to minimize impacts to surrounding properties or services.

Applicant Response: The applicant will follow all zoning and permitting requirements to remain in compliance with the Franklin County Ordinance and Comprehensive Plan to minimize the impact on surrounding areas. IE: STC Towers has met the setback requirements and will meet any required landscaping or screening requirements.

19-3.09 In approving a Special Use Permit, the Board of County Commissioners may require such reasonable conditions as deemed necessary to mitigate impacts to the community, maintain the character of the neighborhood and to protect the public health, safety and general welfare.

Applicant Response: Acknowledged

Additional Information

All work shall be performed, and materials installed in accordance with the current editions of the codes adopted by Franklin County. Nothing in the plans is to be construed to permit work not conforming to these codes:

1. International Building Code
2. International Mechanical Code
3. ANSI/TIA-222 Structural Standard
4. NFPA 780 – lightning protection code
5. National Electric Code

There is room for two (2) future tenants:

1. Proposed anchor tenant, Verizon Wireless Antennas and Sector Frame Mounts to be located at the 300' elevation.
2. Proposed Future Carrier antennas and sector frame mounts to be located at the 290' elevation.
3. Proposed Future Carrier antennas and sector frame mounts to be located at the 280'.

In consideration of the foregoing, we respectfully request that the Special Use Permit be granted.

Very truly yours,

Tricia Becker

Tricia Becker
Selective Site Consultants, Inc.



10/27/2025

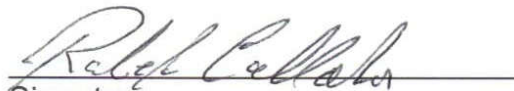
Franklin County Planning and Building
1428 S. Main, Suite 5
Ottawa, KS 66067

RE: Special Use Permit Application
Wireless Telecommunications Tower
Franklin County Parcel ID: 030-095-16-00-003.01-0
Address: 3751 Nevada Road, Ottawa, KS 66067

To Whom It May Concern,

STC Towers, LLC and SSC, Inc. are authorized to submit the Special Use Permit Application for the above project on behalf of Robert G. and Donita L. Callahan.

Sincerely,


Signature

Robert G. Callahan

NEW VZW
UTILITY
EASEMENT

ACCESS/UTILITY
EASEMENT

VZW LANDSPACE

PENETRATIONS

RR/MBL

ANTENNAS

FIBER

POWER/
GROUNDING

HYBRID &
COAX CABLES

verizon

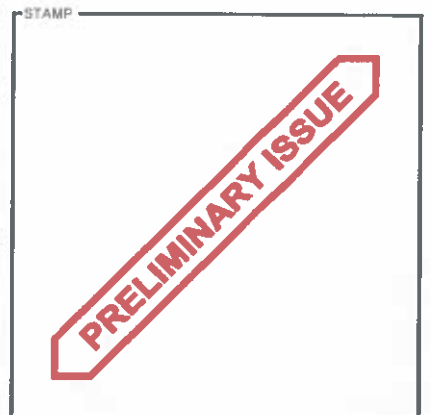
APPLICANT SITE NAME:
MTPL NEVADA
RELHR

MDG LOCATION ID:
TBD

APPLICANT PROJECT #:
TBD

PROJECT:
RAWLAND

DRAWING DESCRIPTION:
PRELIMINARY CD



ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-571			
ENGINEER	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	
REJ ROBERT E. JENSEN	19086	CIVIL	
CG CHRISTOPHER GIANNOTTI	26673	CIVIL	
PJD PATRICK J. DAVIS	25067	CIVIL	
SDK SHELTON D. KEISLING	13654	ELECTRICAL	
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9550	ELECTRICAL	

AERIAL MAP



SITE INFORMATION

PROJECT: RAWLAND

CELL SITE NAME: MTPL NEVADA RELHR

CELL SITE ADDRESS: 3751 NEVADA ROAD
OTTAWA, KS
66067

LANDLORD: ROBERT G. & DONITA L. CALLAHAN
3751 NEVADA ROAD
OTTAWA, KS
66067

CONTACT: ROBERT G. & DONITA L. CALLAHAN

PHONE: (913) 980-6373

TOWER INFORMATION:

LATITUDE: 38° 39' 29.90" N (NAD 83)
LONGITUDE: 95° 12' 37.49" W (NAD 83)
GROUND ELEV: 936' AMSL
OVERALL STRUCTURE HT: 310'-0" AGL
TOWER HEIGHT: 305'-0" AGL
TOWER TYPE: GUYED TOWER
APPLICANT CL: 300'-0" AGL

CONTACT: NETWORK REAL ESTATE MANAGER
PHONE: (913) 344-2896 (VERIZON WIRELESS)

DRAWING INDEX

SHEET NO.	SHEET TITLE	DISC.
T-1.0	TITLE SHEET	C/E
	SURVEY (BY OTHERS)	
C-0.0	GRADING PLAN	C
C-1.0	OVERALL SITE PLAN	C
C-1.1	ENLARGED SITE PLAN	C
C-2.0	EQUIPMENT LAYOUT	C/E
C-2.1	EQUIPMENT ELEVATIONS	C
C-3.0	DETAILS	C
C-3.1	UTILITY H-FRAME EQUIPMENT PLACEMENT	C/E
C-3.2	METER CENTER RACK DETAIL	C/E
C-4.0	EQUIPMENT PAD DETAILS	C/E
C-5.0	COMPOUND FENCE DETAILS	C
C-5.1	ACCESS GATE DETAILS	C
C-5.2	GUY WIRE FENCE DETAILS	C
C-5.3	CANOPY DETAILS	C
C-6.0	SIGNAGE DETAILS	C
EQ-1.0	EQUIPMENT CABINET DETAILS	C
EQ-1.1	DETAILS (1 OF 2)	C
EQ-1.2	DETAILS (2 OF 2)	C
ANT-1.0	TOWER ELEVATION & ANTENNA INFORMATION	C
ANT-2.0	RF DIAGRAM	C
ANT-3.0	EQUIPMENT DETAILS (1 OF 3)	C
ANT-3.1	EQUIPMENT DETAILS (2 OF 3)	C
ANT-3.2	EQUIPMENT DETAILS (3 OF 3)	C
E-1.0	OVERALL UTILITY PLAN	E
E-1.1	ENLARGED UTILITY PLAN	E
E-2.0	UTILITY RISER DIAGRAM	E
E-2.1	ELECTRICAL ONE-LINE DIAGRAM	E
E-2.2	FIBER ONE-LINE DIAGRAM & UTILITY DETAILS	E
E-2.3	UTILITY DETAILS	E
G-1.0	COMPOUND GROUNDING PLAN	E
G-1.1	GUY WIRE GROUNDING DETAIL	E
G-2.0	EQUIPMENT GROUNDING LAYOUT	E
G-3.0	GROUNDING RISER DIAGRAM	E
G-4.0	GROUNDING DETAILS (1 OF 3)	E
G-4.1	GROUNDING DETAILS (2 OF 3)	E
G-4.2	GROUNDING DETAILS (3 OF 3)	E
GN-1.0	GENERAL NOTES	C/E
SP-1.0	SPECIFICATIONS (1 OF 7)	C
SP-1.1	SPECIFICATIONS (2 OF 7)	C
SP-1.2	SPECIFICATIONS (3 OF 7)	C
SP-1.3	SPECIFICATIONS (4 OF 7)	C
SP-1.4	SPECIFICATIONS (5 OF 7)	C
SP-2.0	SPECIFICATIONS (6 OF 7)	E
SP-2.1	SPECIFICATIONS (7 OF 7)	E

SITE LOCATION QR CODE



CONSULTING TEAM

ENGINEERING:
SSC, INC
7171 WEST 95TH STREET, SUITE 600
OVERLAND PARK, KANSAS 66212
PHONE: (913) 438-7700
FAX: (913) 438-7777
SSC SITE ID: SSC-29747
PROJECT ID: P-042655

CLIENT MANAGER:
JEFF KONKEL

A&E PROJECT MANAGER:
TYSEN WEISHAAR

LEAD ENGINEER:
ROBERT JENSEN

LEAD ELECTRICAL:
SHELTON KEISLING

JURISDICTION COMPLIANCE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

1. INTERNATIONAL BUILDING CODE
2. INTERNATIONAL MECHANICAL CODE
3. ANSI/TIA-222 STRUCTURAL STANDARD
4. NFPA 780 - LIGHTNING PROTECTION CODE
5. NATIONAL ELECTRICAL CODE



Know what's below.
Call before you dig.
www.call811.com

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

PROJECT INFORMATION:
INSTALL COMMUNICATIONS EQUIPMENT & TOWER FOR A COMMUNICATIONS SITE.

APPLICANT

verizon

PLANS PREPARED FOR



PLANS PREPARED BY



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SUBMITTALS

DESCRIPTION	DATE	BY	REV
ISSUED FOR REVIEW	09/30/25	AWD	A
REISSUED PER CLIENT COMMENTS	11/04/25	AWD	B

MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

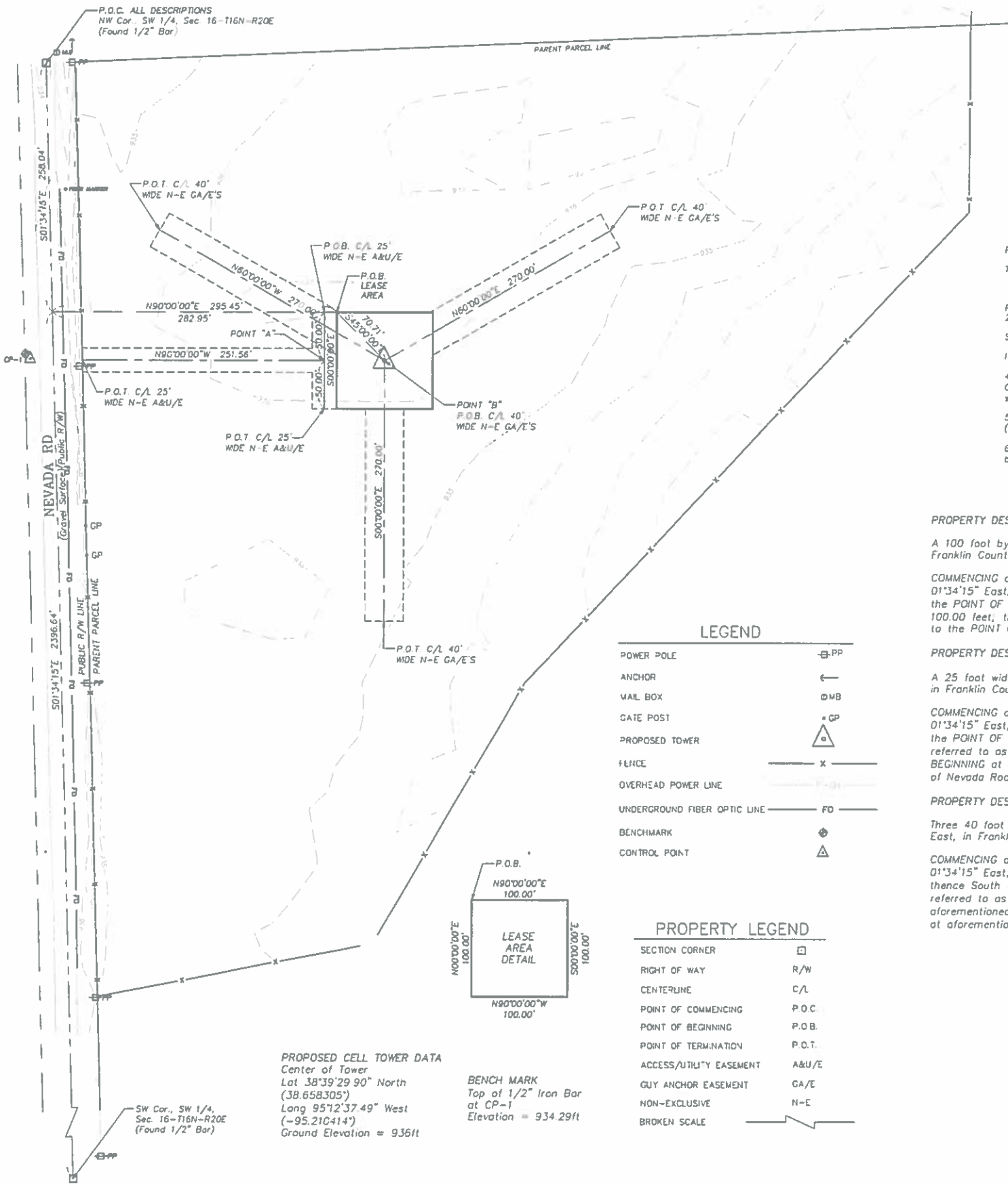
SHEET DESCRIPTION

TITLE SHEET

SHEET #

T-1.0

STC202-KS NEVADA
PART OF THE SW 1/4, SECTION 16-T16S-R20E,
IN FRANKLIN COUNTY, KANSAS



Notes:

Bearings shown hereon are referenced to Grid North of the Kansas State Plane Coordinate System of 1983 (NAD 83), (2011 ADJ.), North Zone. They are obtained by static GPS observations and RINEX file submittals for NGS Opus solutions.

Vertical Datum = NAVD83 using GEOID12B

This survey's purpose is to establish and describe a Lease Area and associated Easements. It is not a boundary survey of the Parent Parcel.

The Lease Area and associated Easements lie entirely within the Parent Parcel.

During this survey's fieldwork, there were no visible encroachments in the Lease Area or associated Easements.

The Non-Exclusive Access/Utility Easements terminates at Public Right of Way.

** An utility locate was requested on 8-18-2025, as Ticket No. 25423228.

The utilities shown on this drawing were developed from the information available (existing utility maps, aboveground observations, and/or surface markings placed on the ground by the utility company or a representative thereof). This company has not attempted to excavate or go below the surface to locate utilities. It does not extend or imply a guarantee or warranty on the exact location of or complete inventory of utilities in this area. The contractor shall be responsible for verifying the location and depth of all utilities (whether shown or not) before excavation or construction and protecting them from damage.

PROPERTY DESCRIPTION: PARENT PARCEL (AS PROVIDED)

The Northwest Quarter of the Southwest Quarter of Section 16, Township 16, Range 20, Franklin County, Kansas.

Property information shown hereon was provided by Stewart Title Guaranty Company, Commitment No. 2697967, effective August 11, 2025 at 8:00am.

Schedule B-II information:

Items 1 thru 3, and Items 8, thru 10, are general exceptions and are therefore not the type to be depicted hereon.

4. Deed of Trust executed by Robert G. Callahan 1/4/a Robbie G. Callahan and Donita L. Callahan, a married person to Frontier Farm Credit, FLCA, dated 09/25/2018 and recorded 10/01/2018 as Document No. 201803295 in Book 595 at Page 304, stating that it secures \$67,000.00 and interest (Real Estate Mortgage, not the type to be depicted hereon)

5. Easement granted to Rural Water District No. 5, as more fully set forth in the document recorded as in Misc. Book 154 at page 216. (Blanket in nature, unable to plot hereon.)

6. Affidavit of Affirmation of Manufactured/Mobile Home recorded 06/14/2006 under, in Misc. Book 230, at Page 761 (Not the type to be depicted hereon.)

PROPERTY DESCRIPTION: LEASE AREA (AS SURVEYED)

A 100 foot by 100 foot Lease Area, situated in the Southwest Quarter of Section 16, Township 16 South, Range 20 East, in Franklin County, Kansas, more particularly described as follows:

COMMENCING at the Northwest Corner of said Southwest Quarter; thence along the West line of said Southwest Quarter, South 01°34'15" East, a distance of 258.04 feet; thence leaving said West line, North 90°00'00" East, a distance of 295.45 feet to the POINT OF BEGINNING; thence North 90°00'00" East, a distance of 100.00 feet; thence South 00°00'00" East, a distance of 100.00 feet; thence North 90°00'00" West, a distance of 100.00 feet; thence North 00°00'00" East, a distance of 100.00 feet to the POINT OF BEGINNING. Containing 10,000 square feet.

PROPERTY DESCRIPTION: NON-EXCLUSIVE ACCESS/UTILITY EASEMENT (AS SURVEYED)

A 25 foot wide Access/Utility Easement, situated in the Southwest Quarter of Section 16, Township 16 South, Range 20 East, in Franklin County, Kansas, lying 12.50 feet on each side of the following described centerline:

COMMENCING at the Northwest Corner of said Southwest Quarter; thence along the West line of said Southwest Quarter, South 01°34'15" East, a distance of 258.04 feet; thence leaving said West line, North 90°00'00" East, a distance of 295.45 feet to the POINT OF BEGINNING of said centerline; thence South 00°00'00" East, a distance of 50.00 feet to a point hereinafter referred to as POINT "A"; thence continuing South 00°00'00" East, a distance of 50.00 feet to the POINT OF TERMINATION; BEGINNING at aforementioned POINT "A", thence North 90°00'00" West, a distance of 251.56 feet to the East Right of Way line of Nevada Road (Public Right of Way) and the POINT OF TERMINATION.

PROPERTY DESCRIPTION: NON-EXCLUSIVE GUY ANCHOR EASEMENTS (AS SURVEYED)

Three 40 foot wide Guy Anchor Easements, situated in the Southwest Quarter of Section 16, Township 16 South, Range 20 East, in Franklin County, Kansas, lying 20.00 feet on each side of the following described centerlines:

COMMENCING at the Northwest Corner of said Southwest Quarter; thence along the West line of said Southwest Quarter, South 01°34'15" East, a distance of 258.04 feet; thence leaving said West line, North 90°00'00" East, a distance of 295.45 feet; thence South 45°00'00" East, a distance of 70.71 feet to the POINT OF BEGINNING of said centerlines, said point hereinafter referred to as POINT "B"; thence North 60°00'00" West, a distance of 270.00 feet to the POINT OF TERMINATION; BEGINNING at aforementioned POINT "B", thence North 60°00'00" East, a distance of 270.00 feet to the POINT OF TERMINATION; BEGINNING at aforementioned POINT "B", thence South 00°00'00" East, a distance of 270.00 feet to the POINT OF TERMINATION.

LEGEND	
POWER POLE	PP
ANCHOR	MB
MAIL BOX	MB
GATE POST	GP
PROPOSED TOWER	△
FENCE	X
OVERHEAD POWER LINE	PO
UNDERGROUND FIBER OPTIC LINE	FO
BENCHMARK	⊕
CONTROL POINT	△

PROPERTY LEGEND	
SECTION CORNER	□
RIGHT OF WAY	R/W
CENTERLINE	C/L
POINT OF COMMENCING	P.O.C.
POINT OF BEGINNING	P.O.B.
POINT OF TERMINATION	P.O.T.
ACCESS/UTILITY EASEMENT	A&U/E
GUY ANCHOR EASEMENT	GA/E
NON-EXCLUSIVE	N-E
BROKEN SCALE	—

CERTIFICATION:

I HEREBY CERTIFY THAT A SURVEY WAS MADE BY ME, OR UNDER MY DIRECT SUPERVISION, ON THE GROUND OF THE LEASE AREA, AND ASSOCIATED EASEMENT PREMISES HEREIN DESCRIBED, AND THE RESULTS OF SAID SURVEY ARE REPRESENTED HEREON TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

PRELIMINARY

BRADLEY D. HARKIN KS-LS1604

DATE: _____

STC

NEVADA RD

Sand Creek Rd

STC

LOVELACE & ASSOCIATES

Land Surveying - Land Planning

Telecommunications Surveys

929 SE 3rd Street Lee's Summit, Missouri 64063

Phone: (816) 347-9997 Fax: (816) 347-9979

SURVEY PROVIDED BY:

SURVEY PROVIDED FOR:

SCALE

1" = 60'

60' 0 60' 120'

FLOOD NOTE:

According to my interpretations of Community Panel No. 20059C0090E of the Flood Insurance Rate Map for Franklin County, Kansas, the subject property is in Flood Zone "X", i.e. "areas determined to be outside the 0.2% annual chance floodplain"

KANSAS ONE CALL SYSTEM, INC.

SITE ID: STC202-KS

SITE NAME: NEVADA

SITE LOCATION: 3751 NEVADA RD OTTAWA, KS 66067

LA PROJECT NO: 25150

DRAWN BY: B.D.H.

CHECKED BY: J.B.L.

DATE: 9-23-25

FIELDWORK DATE: 9-8-25

Certificate of Authority: Kansas - LS-154

SHEET NUMBER 1 OF 1

NEW/EXISTING UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZM LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

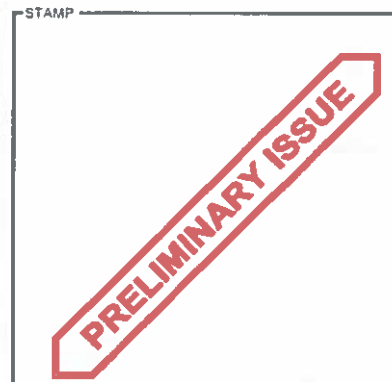
NOTE:
SLOPES SHALL NOT EXCEED 3:1
(3 FEET HORIZONTAL TO 1 FOOT VERTICAL)

GRADING NOTES:

1. STRIP THE GROUND OF ALL VEGETATION AND DEBRIS.
2. PROOF ROLL WITH LOADED TANDEM TO IDENTIFY SOFT SPOTS.
3. REMOVE SOFT SPOT MATERIAL AND COMPACT TO 95% AT STRUCTURE, 90% ELSEWHERE.
4. INSTALL GEOTEXTILE FABRIC ON PREPARED SUBGRADE.
5. PLACE AND COMPACT 6" AGGREGATE SURFACING.
6. SEE SPECIFICATIONS DRAWINGS FOR REQUIREMENTS OF BACKFILL MATERIAL.
7. MAINTAIN REASONABLE DUST CONTROL METHODS DURING CONSTRUCTION.
8. ENTIRE DRIVE LENGTH SHALL BE POSITIVE DRAINING DURING, AND AT COMPLETION OF CONSTRUCTION.
9. CONTRACTOR SHALL OBTAIN ANY SITE SPECIFIC SOILS REPORTS AND FOLLOW ALL RECOMMENDATIONS. A DISCREPANCY BETWEEN CONSTRUCTION DRAWINGS AND SOILS REPORT, THE GEOTECHNICAL REPORT SHALL GOVERN. SSC TO BE NOTIFIED OF DISCREPANCY.

SILTATION NOTES:

1. SILTATION CONTROL DEVICES TO REMAIN IN PLACE UNTIL ADEQUATE VEGETATION GROWTH INSURES NO FURTHER EROSION.
2. SILTATION FENCES SHALL BE INSPECTED PERIODICALLY FOR DAMAGE AND FOR THE AMOUNT OF SEDIMENTATION WHICH HAS ACCUMULATED. REMOVAL OF SEDIMENT WILL BE REQUIRED WHEN IT REACHES 1/2 FENCE HEIGHT.
3. ATTACHMENT OF GEOTEXTILE FABRIC TO BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
4. SILT FENCING TO BE USED AT ALL AREAS OF EXCAVATION.



ENGINEERING LICENSE		
STATE OF KANSAS		
PE CERTIFICATE OF AUTHORIZATION # E-571		
ENGINEER	PE#	DISCIPLINE
KMV KEVIN M. VANMAELE	22105	CIVIL
REJ ROBERT E. JENSEN	18096	CIVIL
CO CHRISTOPHER GIANNOTTI	26673	CIVIL
PJD PATRICK J. DAVIS	25067	CIVIL
SOK SHELTON D. KEISLING	13654	ELECTRICAL
DW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	9250	ELECTRICAL



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SUBMITTALS	DESCRIPTION	DATE	BY	REV
ISSUED FOR REVIEW		09/30/25	AWD	A
REISSUED PER CLIENT COMMENTS		11/04/25	AWD	B

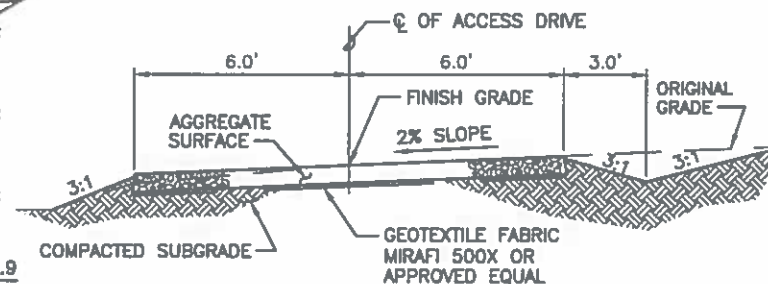
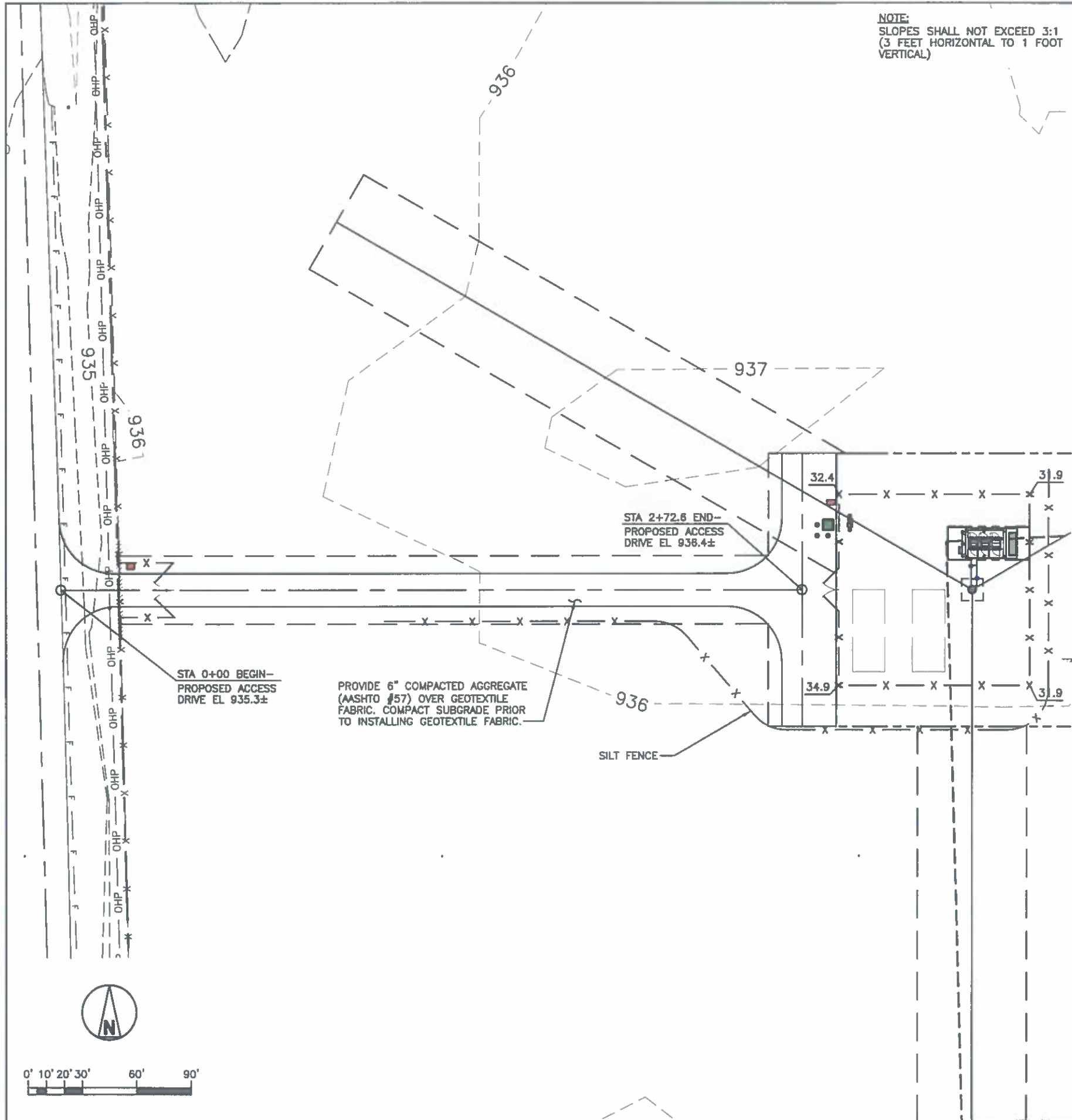
MLA SITE NAME
STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER
MTPL NEVADA RELHR
TBD

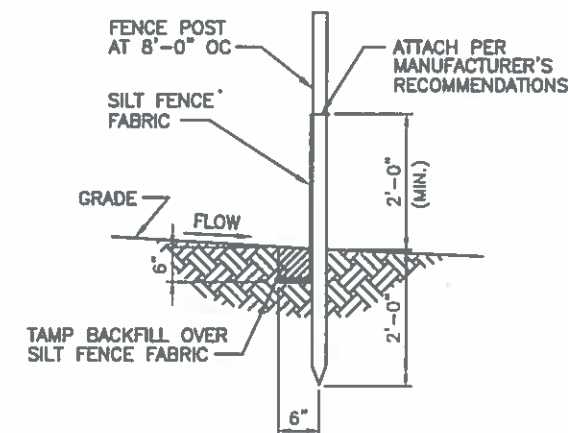
SITE ADDRESS
3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION
GRADING PLAN

SHEET #
C-0.0



TYPICAL DRIVE SECTION
NO SCALE



SILT FENCE DETAIL
NO SCALE

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RRHBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

KEYED NOTES:

- 1 PROPOSED LEASE BOUNDARY
2 CENTER OF TOWER

NOTE:

SEE OVERALL UTILITY PLAN (SHEET E-1.0)
FOR SIZES, LENGTHS & ROUTING OF UTILITIES.

REMOVE PORTION
OF EXISTING FENCE

EXISTING POWER
POLE (TYP)

PROPOSED 20'-0"
DOUBLE SWING
ACCESS GATE

1
C-5.1

PROPOSED 20'-0" WIDE ACCESS
RIGHT-OF-WAY (APPROX. LENGTH = 250'-0")

25'-0" WIDE ACCESS/UTILITY EASEMENT
(APPROX LENGTH = 250'-0")

EXISTING FENCE

EXISTING POWER POLE
W/ TRANSFORMER

PROPOSED VERIZON WIRELESS
12'-0"x30'-0" LEASE AREA

PROPOSED 12'-0"
EQUIPMENT CANOPY

PROPOSED CHAIN-LINK FENCE
MEASURING 70'-0"x70'-0"
SURROUNDING ALL EQUIPMENT

PROPOSED STC 100'-0"x100'-0" LEASE
AREA (10000 SQ FT, 0.2298 ACRES)

305'-0" TOWER SETBACK LINE

PROPOSED GUYED TOWER



0' 10' 20' 30' 60' 90'

SCALE: 1:30 (22"x34")
SCALE: 1:60 (11"x17")

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE

STATE OF KANSAS

PE CERTIFICATE OF AUTHORIZATION # E-571

ENGINEER	PE#	DISCIPLINE
KMV KEVIN M. VANMAELE	22105	CIVIL
REJ ROBERT E. JENSEN	18086	CIVIL
CG CHRISTOPHER GIANNOTTI	28673	CIVIL
PJD PATRICK J. DAVIS	25087	CIVIL
SOK SHELTON D. KEISLING	13854	ELECTRICAL
DW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	8250	ELECTRICAL

APPLICANT

verizon

PLANS PREPARED FOR



PLANS PREPARED BY



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SUBMITTALS

DESCRIPTION	DATE	BY	REV
ISSUED FOR REVIEW	09/30/25	AWD	A
REISSUED PER CLIENT COMMENTS	11/04/25	AWD	B

MLA SITE NAME:

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS:

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

OVERALL SITE
PLAN

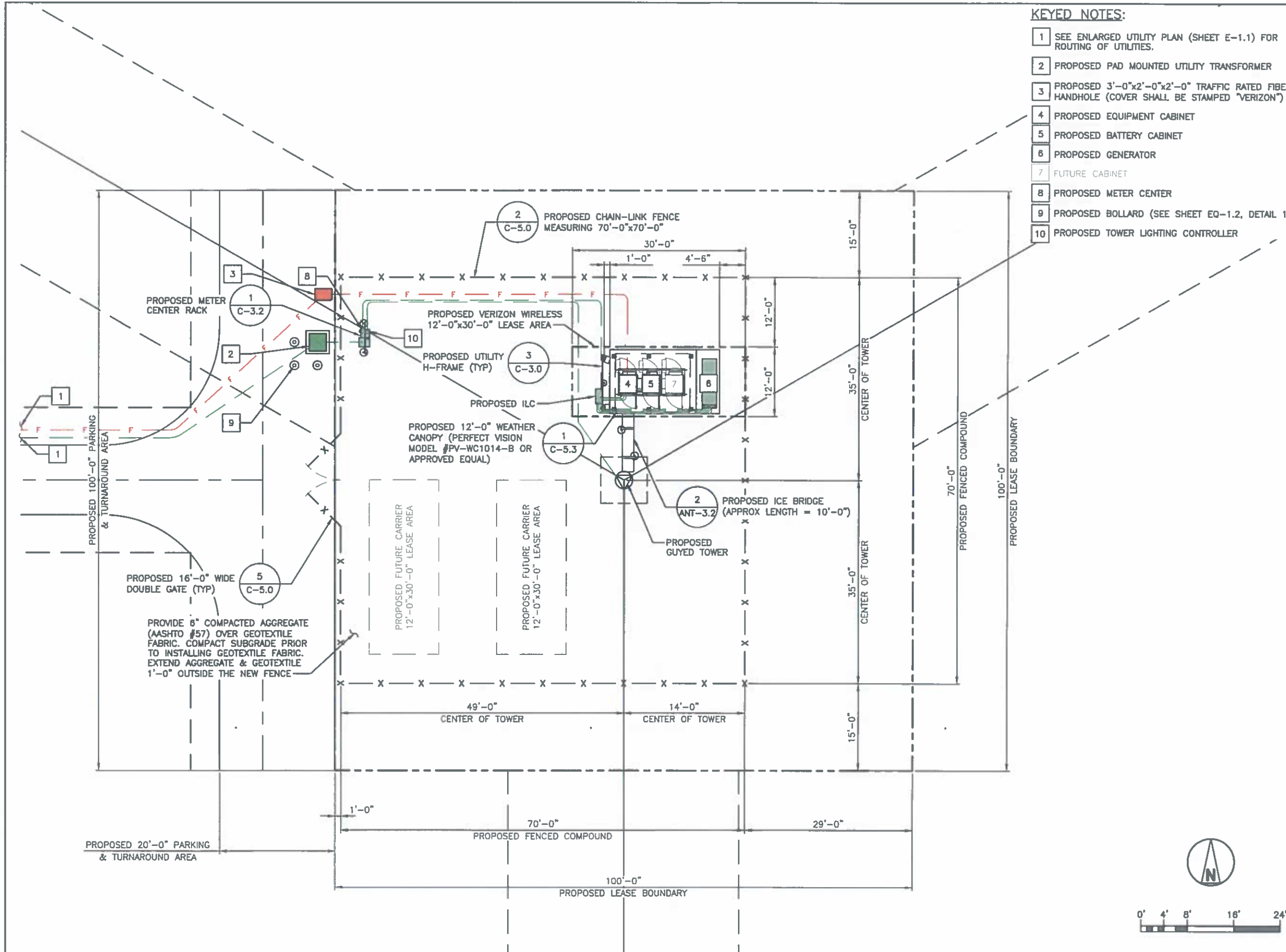
SHEET #

C-1.0

OVERALL SITE PLAN

1

NEW/2W UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
V2W LANDSPACE
PENETRATIONS
RR/HGBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES



- KEYED NOTES:**
- 1 SEE ENLARGED UTILITY PLAN (SHEET E-1.1) FOR ROUTING OF UTILITIES.
 - 2 PROPOSED PAD MOUNTED UTILITY TRANSFORMER
 - 3 PROPOSED 3'-0"x2'-0"x2'-0" TRAFFIC RATED FIBER HANDHOLE (COVER SHALL BE STAMPED "VERIZON")
 - 4 PROPOSED EQUIPMENT CABINET
 - 5 PROPOSED BATTERY CABINET
 - 6 PROPOSED GENERATOR
 - 7 FUTURE CABINET
 - 8 PROPOSED METER CENTER
 - 9 PROPOSED BOLLARD (SEE SHEET EQ-1.2, DETAIL 1)
 - 10 PROPOSED TOWER LIGHTING CONTROLLER

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE
STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION # E-571

ENGINEER	PE#	DISCIPLINE
KMV KEVIN M. VANMAELE	22105	CIVIL
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PJD PATRICK J. DAVIS	25067	CIVIL
SDK SHELTON D. KEISLING	13854	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	9250	ELECTRICAL

APPLICANT

verizon

PLANS PREPARED FOR

STC

PLANS PREPARED BY

SSC

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MLA SITE NAME

STC202-KS NEVADA HRR

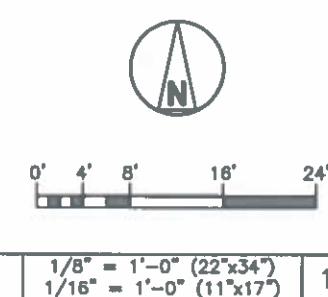
APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION	SHEET #
ENLARGED SITE PLAN	C-1.1



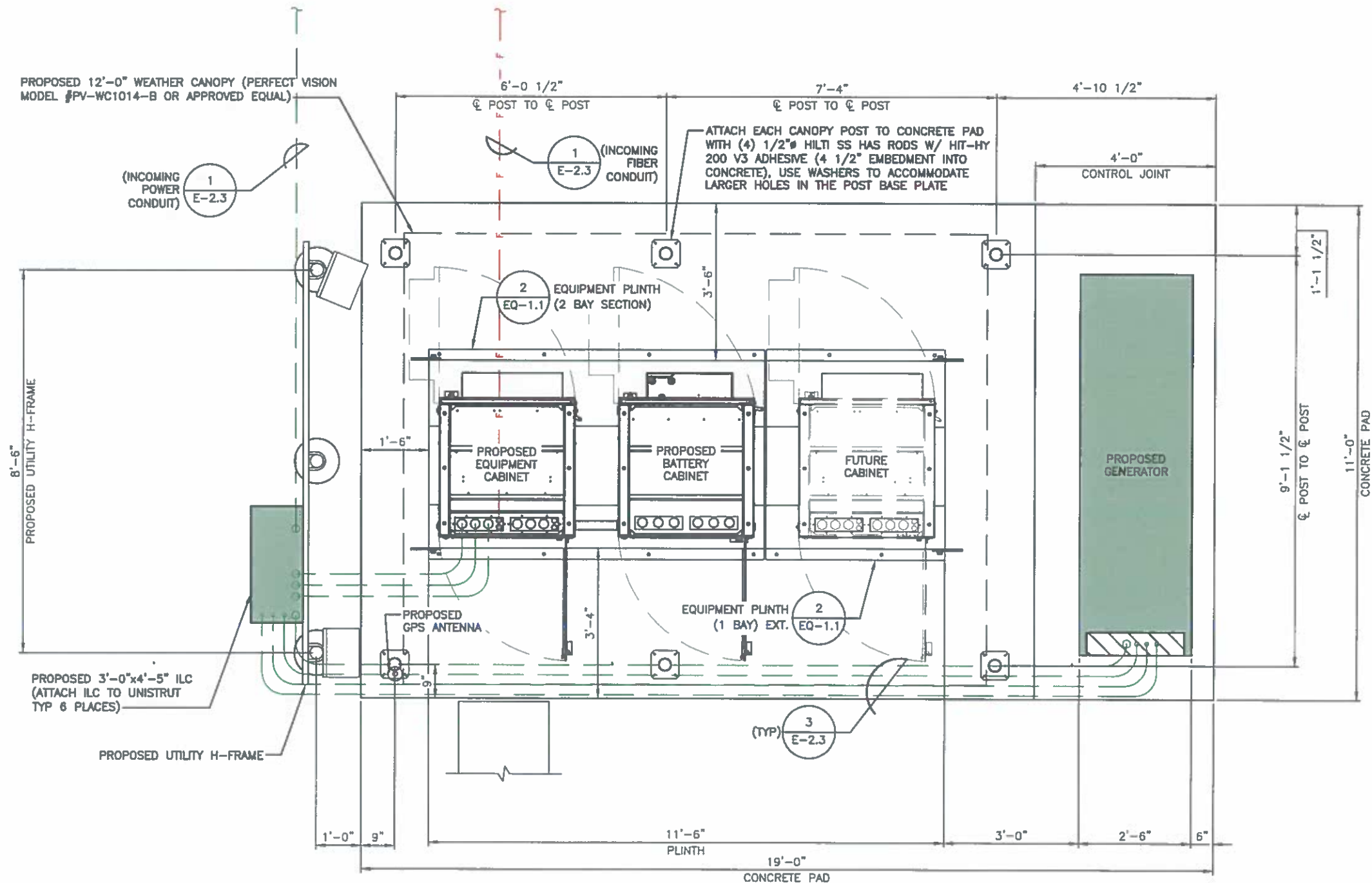
ENLARGED SITE PLAN

1/8" = 1'-0" (22"x34")
1/16" = 1'-0" (11"x17")

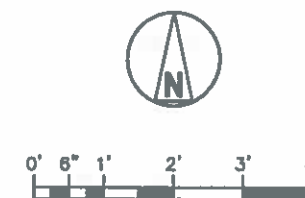
NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

NOTES:

1. SEE OVERALL UTILITY PLAN (SHEET E-1.0) FOR ORIENTATION & CONTINUATION OF CONDUITS.
2. EQUIPMENT LAYOUT MAY BE ROTATED AS REQUIRED.
3. INSTALL ICE BRIDGE PER ENLARGED SITE PLAN (SHEET C-1.1).



EQUIPMENT LAYOUT



3/4" = 1'-0" (22"x34")
3/8" = 1'-0" (11"x17")

1

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-671			
ENGINEER	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	
REJ ROBERT E. JENSEN	18098	CIVIL	
CO CHRISTOPHER GIANNOTTI	26873	CIVIL	
PJD PATRICK J. DAVIS	25087	CIVIL	
SDK SHELTON D. KEISLING	13654	ELECTRICAL	
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT

verizon

PLANS PREPARED FOR



PLANS PREPARED BY



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SUBMITTALS				
DESCRIPTION	DATE	BY	REV	
ISSUED FOR REVIEW	09/30/25	AWD	A	
REISSUED PER CLIENT COMMENTS	11/04/25	AWD	B	

MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

EQUIPMENT
LAYOUT

SHEET #

C-2.0

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HB/U
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

WEATHER CANOPY PERFECT VISION
PV-WC1014-B OR EQUAL

MOUNT THE GPS ANTENNA ON
THE SIDE OF THE CANOPY
CLOSEST TO THE EQUIPMENT TO
SHORTEN THE CABLE LENGTH

NEW SERVICE LIGHT MOUNTED
AT 8' A.F.G. TO H-FRAME
POST (TYP. OF 2)

TOP OF CANOPY
12'-0" ± AGL

TOP OF CANOPY
10'-6" ± AGL

PROPOSED
BATTERY
CABINET

PROPOSED
EQUIPMENT
CABINET

FUTURE
CABINET

PROPOSED
GENERATOR

CONCRETE PAD

EQUIPMENT PLINTH
(1 BAY) EXT.

EQUIPMENT PLINTH
(2 BAY SECTION)

19'-0"

1'-0" ±

FRONT EQUIPMENT ELEVATION

NO SCALE

2

WEATHER CANOPY PERFECT
VISION PV-WC1014-B OR
EQUAL

NEW SERVICE LIGHT
MOUNTED AT 8'
A.F.G. TO H-FRAME
POST (TYP. OF 2)

STEEL POST (TYP.)

MOUNT THE GPS ANTENNA ON
THE SIDE OF THE CANOPY
CLOSEST TO THE EQUIPMENT TO
SHORTEN THE CABLE LENGTH

COMMSCOPE
PLINTH

CONCRETE PAD

2
C-3.0

11'-0"

SIDE EQUIPMENT ELEVATION

NO SCALE

1

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-571			
ENGINEER	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	
REJ ROBERT E. JENSEN	16098	CIVIL	
GO CHRISTOPHER GUANVOTTI	28873	CIVIL	
PJO PATRICK J. DAVIS	25067	CIVIL	
SDK SHELTON D. KEISLING	13854	ELECTRICAL	
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT

verizon

PLANS PREPARED FOR



PLANS PREPARED BY



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MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

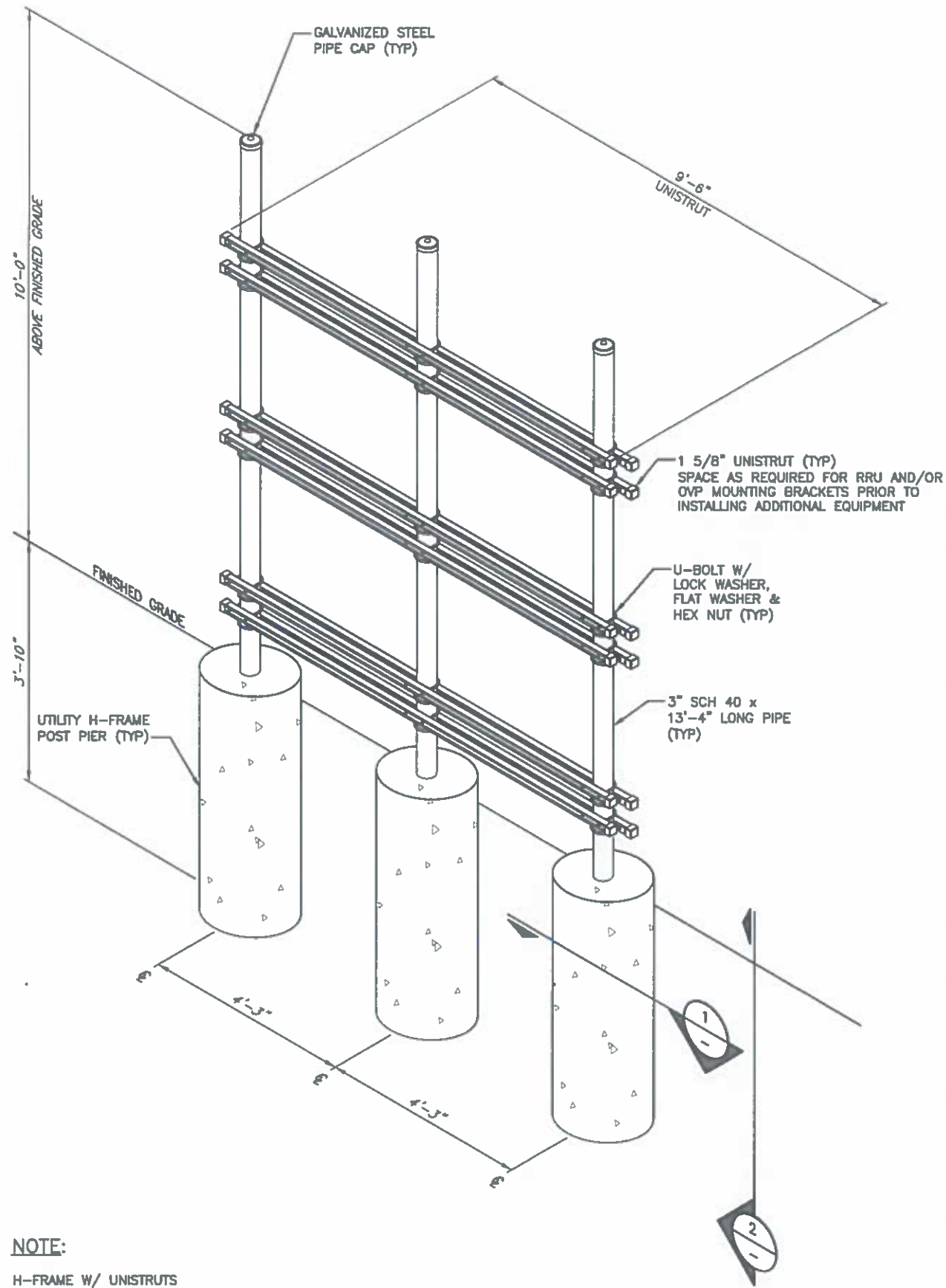
SHEET DESCRIPTION

EQUIPMENT
ELEVATIONS

SHEET #

C-2.1

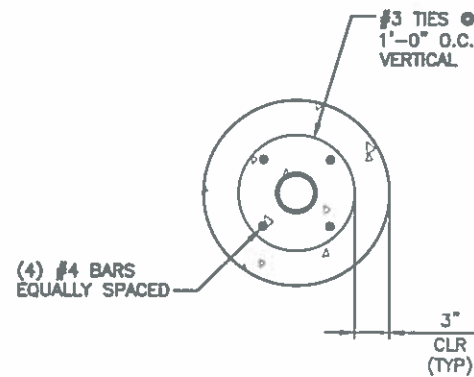
NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES



NOTE:
H-FRAME W/ UNISTRUTS
(COMMSCOPE PART# MTC401596HC)

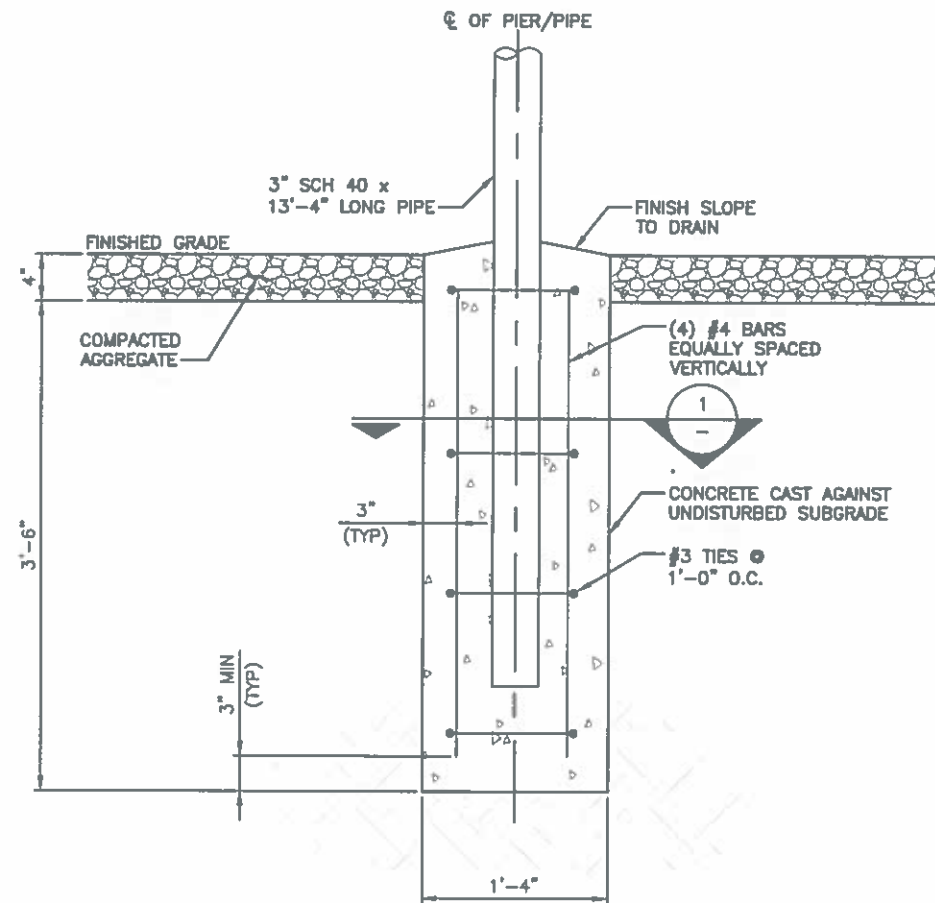
UTILITY H-FRAME DETAIL

3



CONCRETE PIER REINFORCEMENT PLAN

1



CONCRETE PIER REINFORCEMENT ELEVATION

2

STAMP
PRELIMINARY ISSUE

ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-571			
ENGINEER	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	OWNER REVIEWED
REJ ROBERT E. JENSEN	16096	CIVIL	
CG CHRISTOPHER GUANNOTTI	29873	CIVIL	
PJD PATRICK J. DAVIS	29887	CIVIL	
SDK SHELTON D. KEISLING	13854	ELECTRICAL	OWNER REVIEWED
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT
verizon

PLANS PREPARED FOR
STC

PLANS PREPARED BY
SSC

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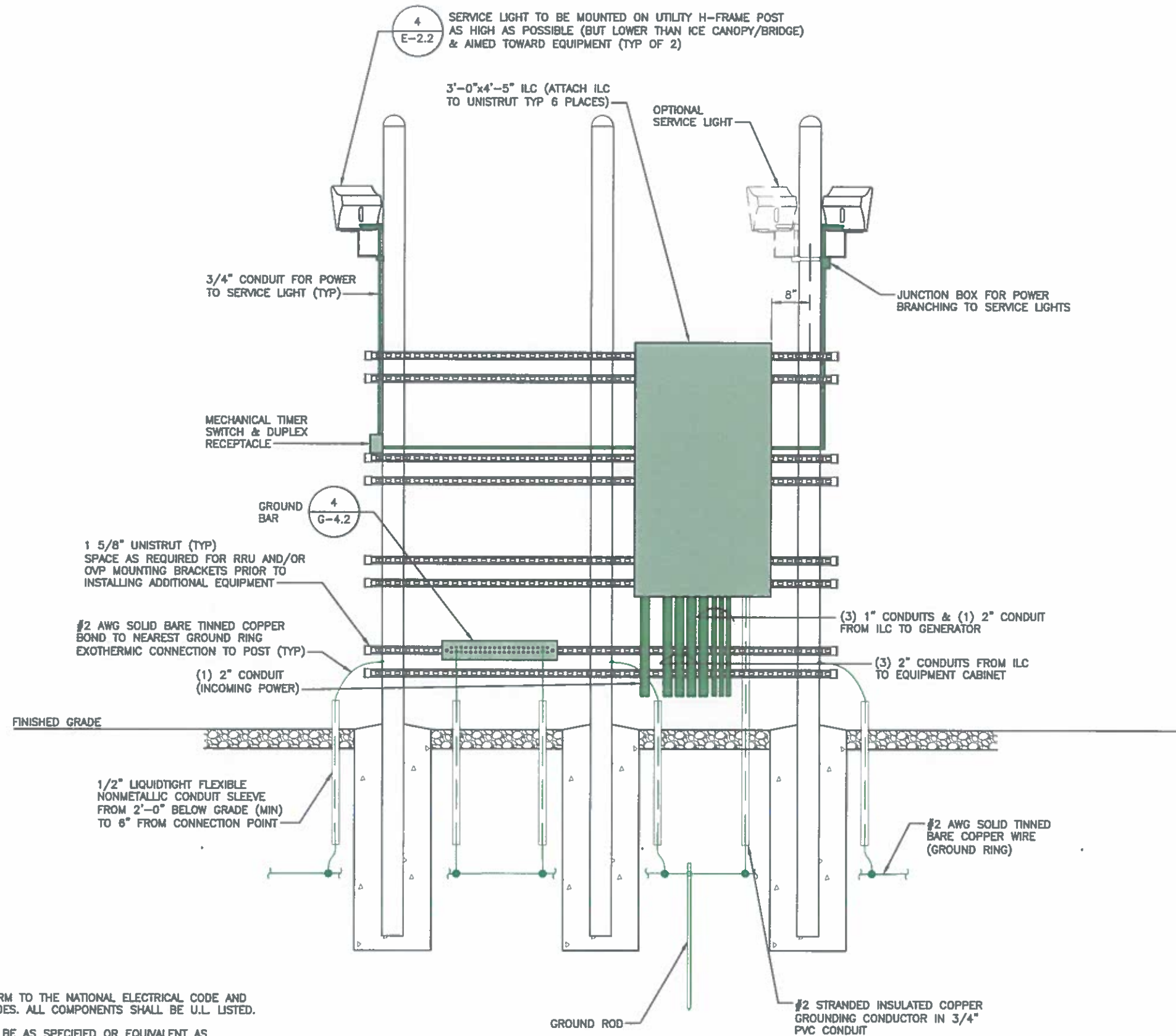
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DESCRIPTION	DATE	BY	REV
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MLA SITE NAME
STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER
MTPL NEVADA RELHR
TBD

SITE ADDRESS
3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION DETAILS	SHEET # C-3.0
------------------------------	------------------

**ELECTRICAL NOTES:**

1. ALL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE AND THE LOCAL BUILDING CODES. ALL COMPONENTS SHALL BE U.L. LISTED.
2. ALL COMPONENTS SHALL BE AS SPECIFIED OR EQUIVALENT AS APPROVED BY VERIZON WIRELESS.
3. BELOW GRADE EXOTHERMIC CONNECTIONS ARE TYPE-TA.
4. CONTRACTOR SHALL INSTALL SJP JOINTS ON ALL CONDUITS (SEE SHEET E-2.2, DETAIL 3).

UTILITY H-FRAME EQUIPMENT PLACEMENT

1

STAMP

PRELIMINARY ISSUE**ENGINEERING LICENSE**

STATE OF KANSAS

PE CERTIFICATE OF AUTHORIZATION # E-571

ENGINEER	PE#	DISCIPLINE
KMY KEVIN M. VANMAELE	22105	CIVIL
REJ ROBERT E. JENSEN	16096	CIVIL
CG CHRISTOPHER GUARNOTTI	25673	CIVIL
PJD PATRICK J. DAVIS	25087	CIVIL
SOK SHELTON D. KEISLING	13654	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	9250	ELECTRICAL

APPLICANT**verizon****PLANS PREPARED FOR****PLANS PREPARED BY****DRAWING NOTICE**

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STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBERMTPL NEVADA RELHR
TBD**SITE ADDRESS**3751 NEVADA ROAD
OTTAWA, KS 66067**SHEET DESCRIPTION**UTILITY H-FRAME
EQUIPMENT
PLACEMENT**SHEET #**

C-3.1

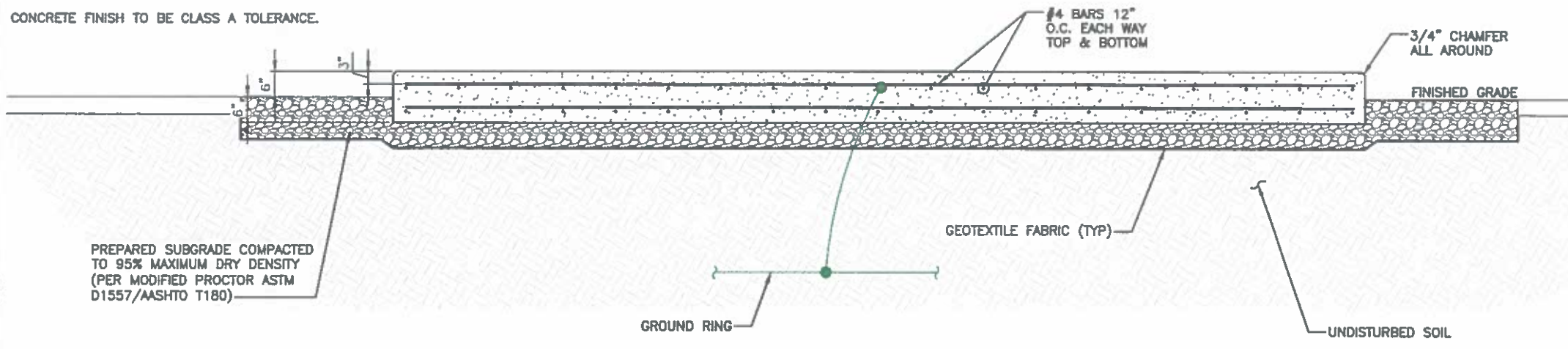
NEW/EXISTING UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZM LANDSPACE
PENETRATIONS
RR/MSU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

SLIP JOINT NOTE:

CONTRACTOR SHALL ALWAYS INSTALL CONDUIT SLIP JOINTS WHEN USING THIS FOUNDATION (SEE SHEET E-2.2, DETAIL 3).

NOTE:

CONCRETE FINISH TO BE CLASS A TOLERANCE.



CONCRETE EQUIPMENT PAD (3 CABINETS) - ELEVATION VIEW

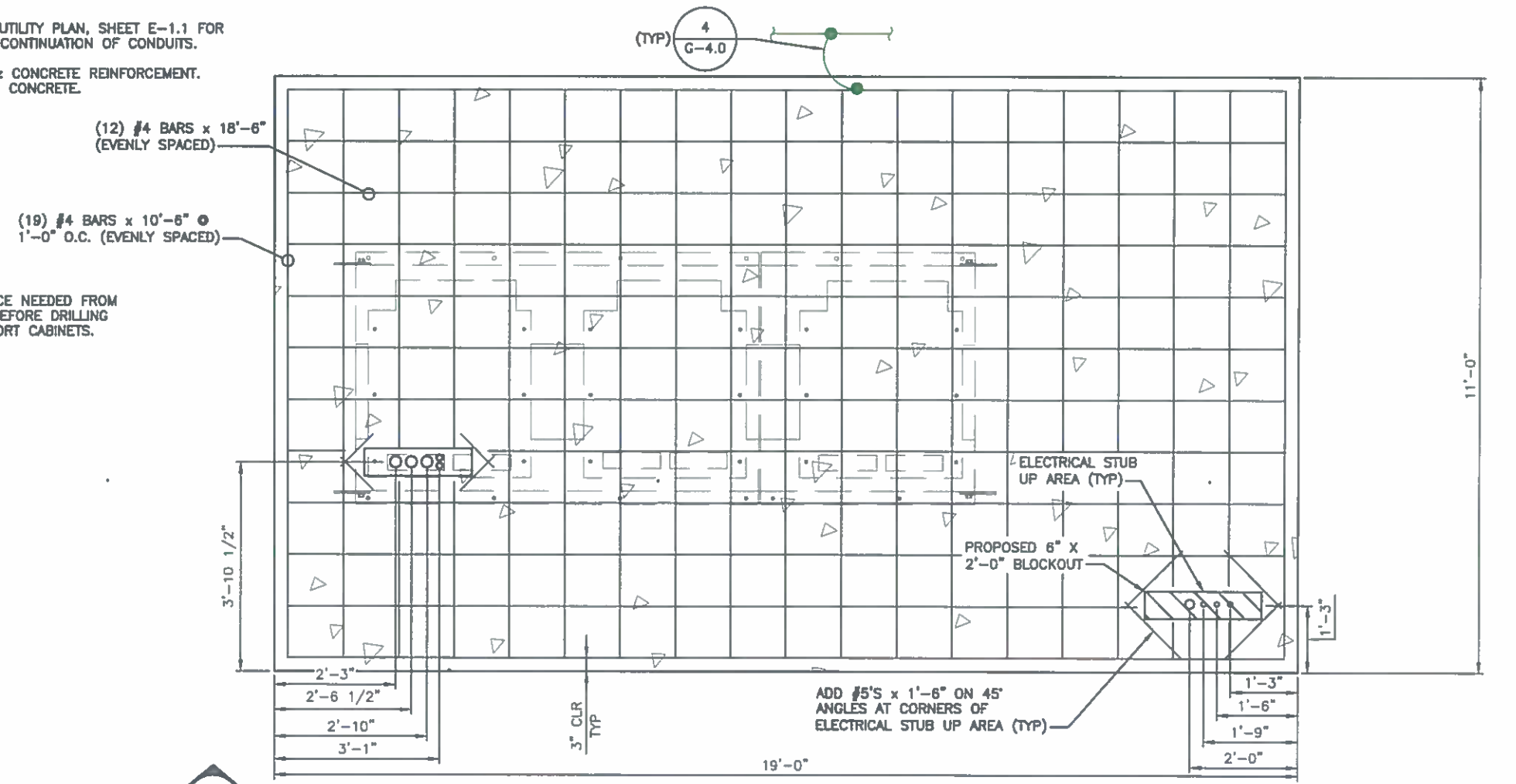
3/4" = 1'-0" (22"x34")
3/8" = 1'-0" (11"x17") 1

NOTES:

1. SEE ENLARGED UTILITY PLAN, SHEET E-1.1 FOR ORIENTATION & CONTINUATION OF CONDUITS.
2. PLACE FORMS & CONCRETE REINFORCEMENT. PLACE & FINISH CONCRETE.

NOTE:

4" MINIMUM DISTANCE NEEDED FROM CONCRETE EDGES BEFORE DRILLING ANCHORS TO SUPPORT CABINETS.



CONCRETE EQUIPMENT PAD (3 CABINETS) - PLAN VIEW

3/4" = 1'-0" (22"x34")
3/8" = 1'-0" (11"x17") 2

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE
STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION # E-571

ENGINEER	PE#	DISCIPLINE
KMV KEVIN M. VANMAELE	22105	CIVIL
REJ ROBERT E. JENSEN	16096	CIVIL
CS CHRISTOPHER GANNOTTI	29873	CIVIL
PJO PATRICK J. DAVIS	25067	CIVIL
SDK SHELTON D. KEISLING	13654	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	9250	ELECTRICAL

APPLICANT

verizon

PLANS PREPARED FOR

STC

PLANS PREPARED BY

SSC

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APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

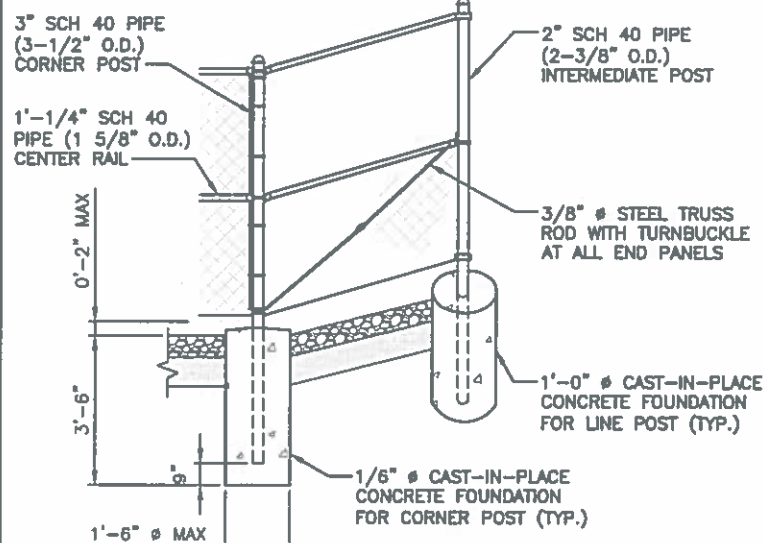
EQUIPMENT PAD
DETAILS

SHEET #

C-4.0

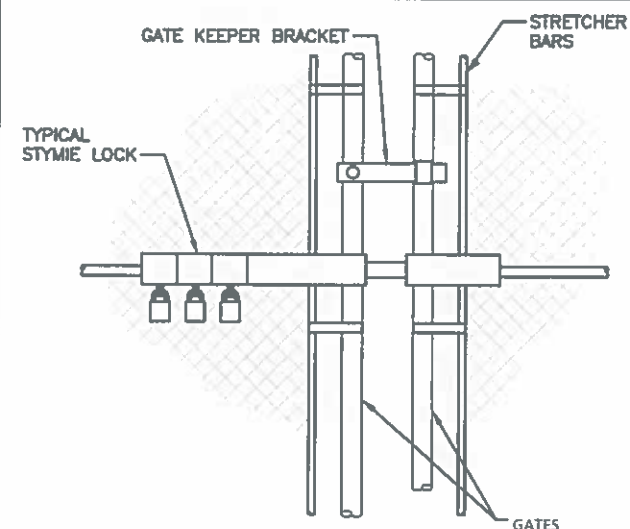
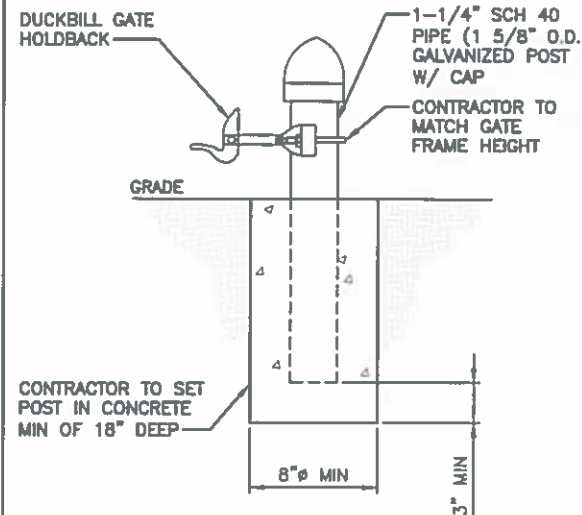
FENCING NOTES:

1. ALL STEEL MATERIAL SHALL BE HOT-DIPPED GALVANIZED AND CONFORM TO FEDERAL SPECIFICATION RR-F-191.
2. GATE HINGE BOLTS SHALL HAVE THEIR THREADS PEENED OR WELDED TO PREVENT UNAUTHORIZED REMOVAL.
3. THE FENCE SHALL BE GROUNDED AS SHOWN IN ELECTRICAL DETAILS.
4. ALL FENCING AND RELATED ASSEMBLIES SHALL BE GALVANIZED ZINC FINISH (FABRIC-ASTM A392-84 FRAME WORK-ASTM F669-81).
5. ALL CONCRETE FOOTINGS SHALL BE 6. 1 BAG MIX 3000 PSI CONCRETE.
6. ALL GATE FABRIC, POSTS, AND HARDWARE SHALL HAVE A GALVANIZED FINISH CONFORMING TO ASTM A153 (OR 120/123.)



NOTE:

INSTALL MAXIMUM OF 2'-0" FROM FACE OF COMPOUND FENCE



STANDARD COMBINATION LOCK SPEC:

ALL LOCKS SHOULD HAVE A MARINE GRADE BRASS BODY WITH A STAINLESS STEEL SHACKLE.

SOLID BRASS BODY PROVIDES STRENGTH AND CORROSION RESISTANCE.

STAINLESS STEEL SHACKLES RESIST HACKSAWS, BOLT CUTTER, AND CORROSIVE WEATHER CONDITIONS.

ALL LOCKS SHOULD BE A PROGRAMMABLE COMBINATION LOCK THAT IS STRONG, DURABLE AND HIGHLY WEATHER RESISTANT.

FENCE NOTES

6

CORNER POST DETAIL

4

GATE KEEPER DETAIL

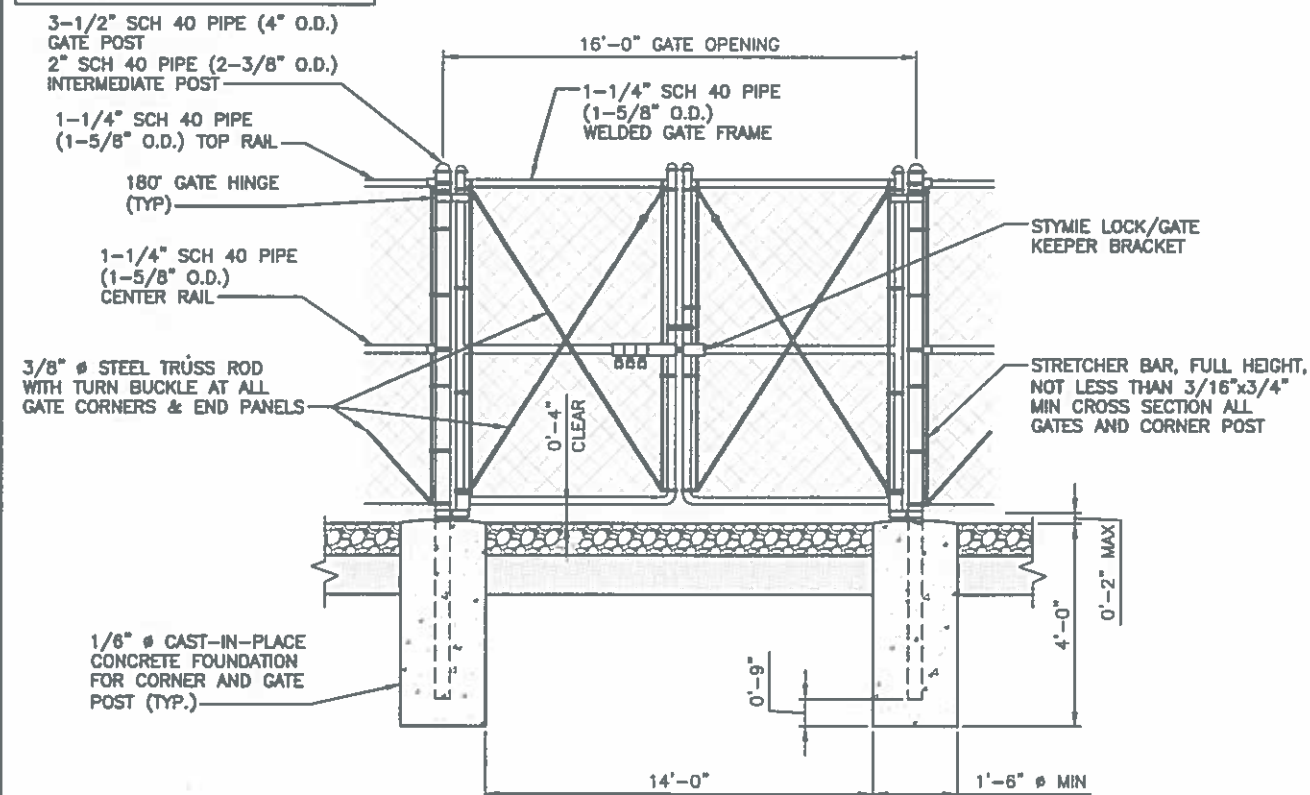
3

STYMIE LOCK DETAIL

1

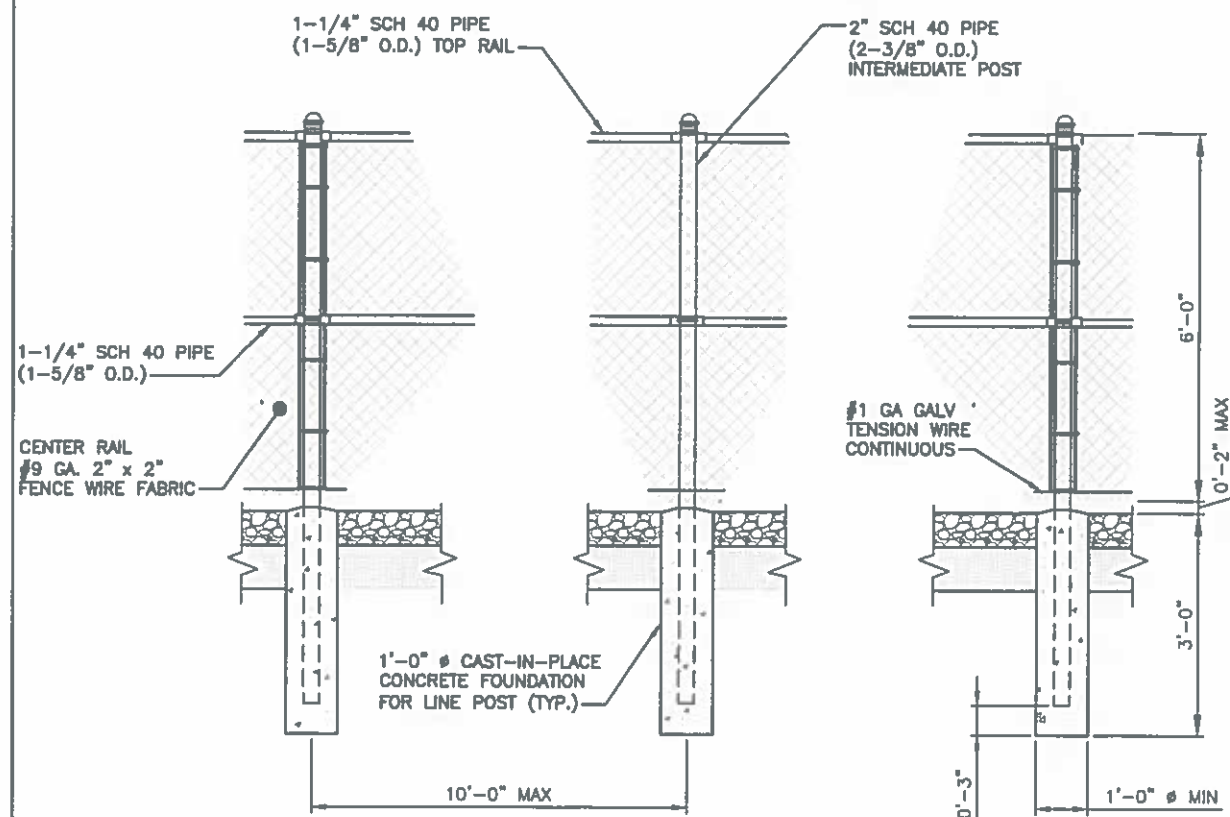
NOTE:

GATE HINGE BOLTS SHALL HAVE THEIR THREAD PEENED OR WELDED TO PREVENT UNAUTHORIZED REMOVAL



16'-0" DOUBLE SWING GATE DETAIL

5



FENCE POST DETAILS

2

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-571			
ENGINEER:	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	
REJ ROBERT E. JENSEN	16096	CIVIL	
CG CHRISTOPHER GUANNOTTI	29873	CIVIL	
PJD PATRICK J. DAVIS	25087	CIVIL	
SDK SHELTON D. KEISLING	13054	ELECTRICAL	
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT

verizon

PLANS PREPARED FOR



PLANS PREPARED BY



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STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

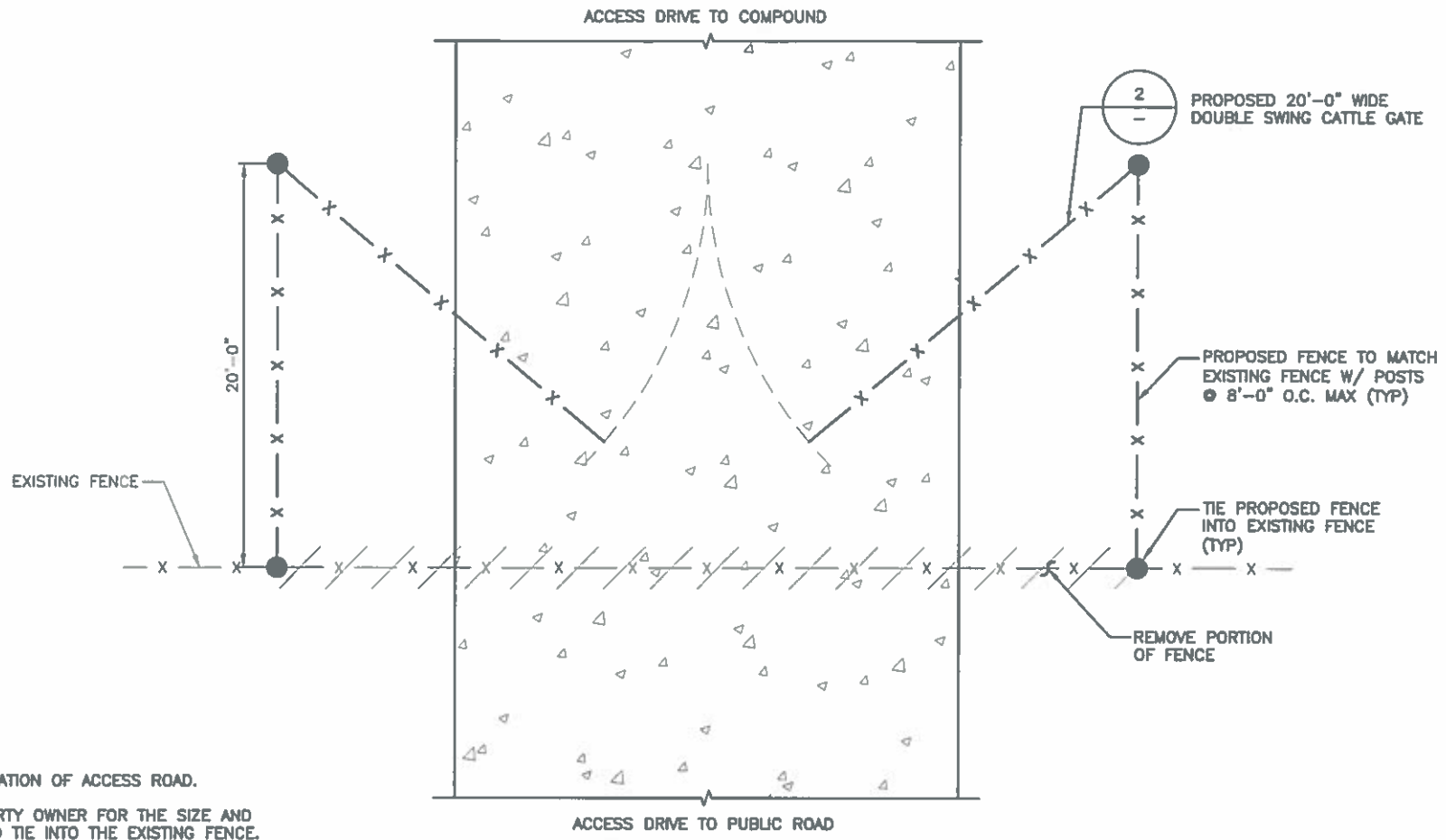
SHEET DESCRIPTION

COMPOUND
FENCE DETAILS

SHEET #

C-5.0

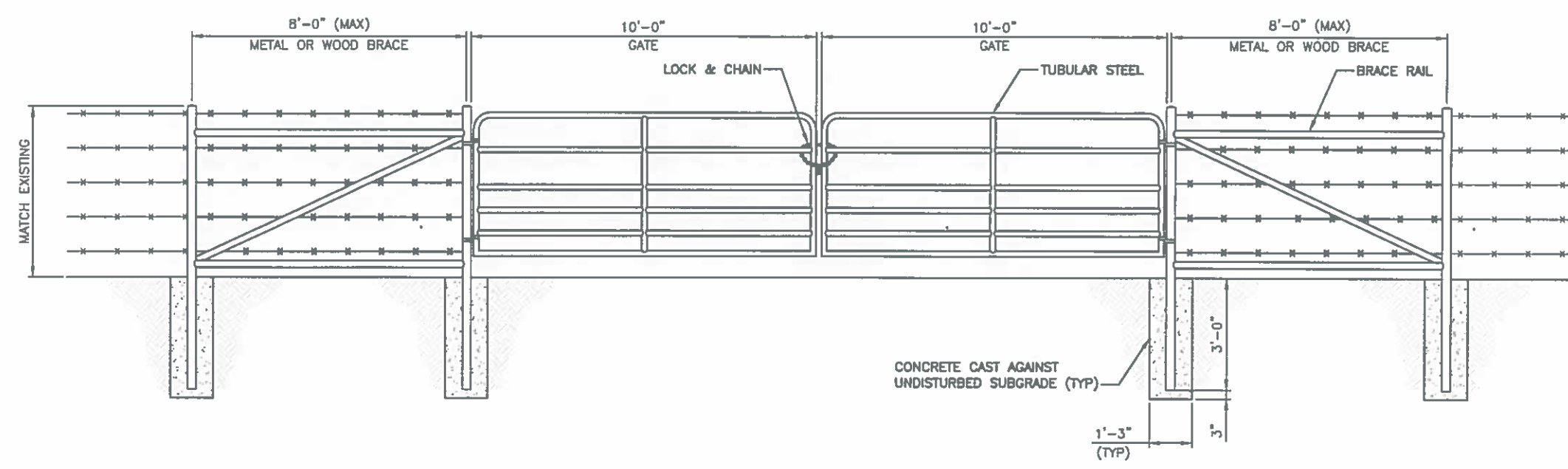
NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES



- NOTES:
1. SEE SHEET C-1.0 FOR CONTINUATION AND ORIENTATION OF ACCESS ROAD.
 2. CONTRACTOR SHALL COORDINATE WITH THE PROPERTY OWNER FOR THE SIZE AND TYPE OF GATE POSTS & BRACING TO BE USED TO TIE INTO THE EXISTING FENCE.

ACCESS GATE PLAN

1



NOTE:

CONTRACTOR SHALL COORDINATE WITH THE PROPERTY OWNER FOR THE SIZE AND TYPE OF GATE POSTS & BRACING TO BE USED TO TIE INTO THE EXISTING FENCE.

ACCESS GATE DETAIL

2

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE
STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION # E-571

ENGINEER	PE#	DISCIPLINE
KMV KEVIN M. VANMAELE	22105	CIVIL
REJ ROBERT E. JENSEN	16098	CIVIL
CS CHRISTOPHER GUARINOTTI	28573	CIVIL
PJO PATRICK J. DAVIS	25067	CIVIL
SDK SHELTON D. KEISLING	13854	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE W. SUPER	9250	ELECTRICAL

APPLICANT

verizon

PLANS PREPARED FOR

STC

PLANS PREPARED BY

SSC

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3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION	SHEET #
ACCESS GATE DETAILS	C-5.1

NEW/2W
UTILITY
EASEMENTACCESS/UTILITY
EASEMENT

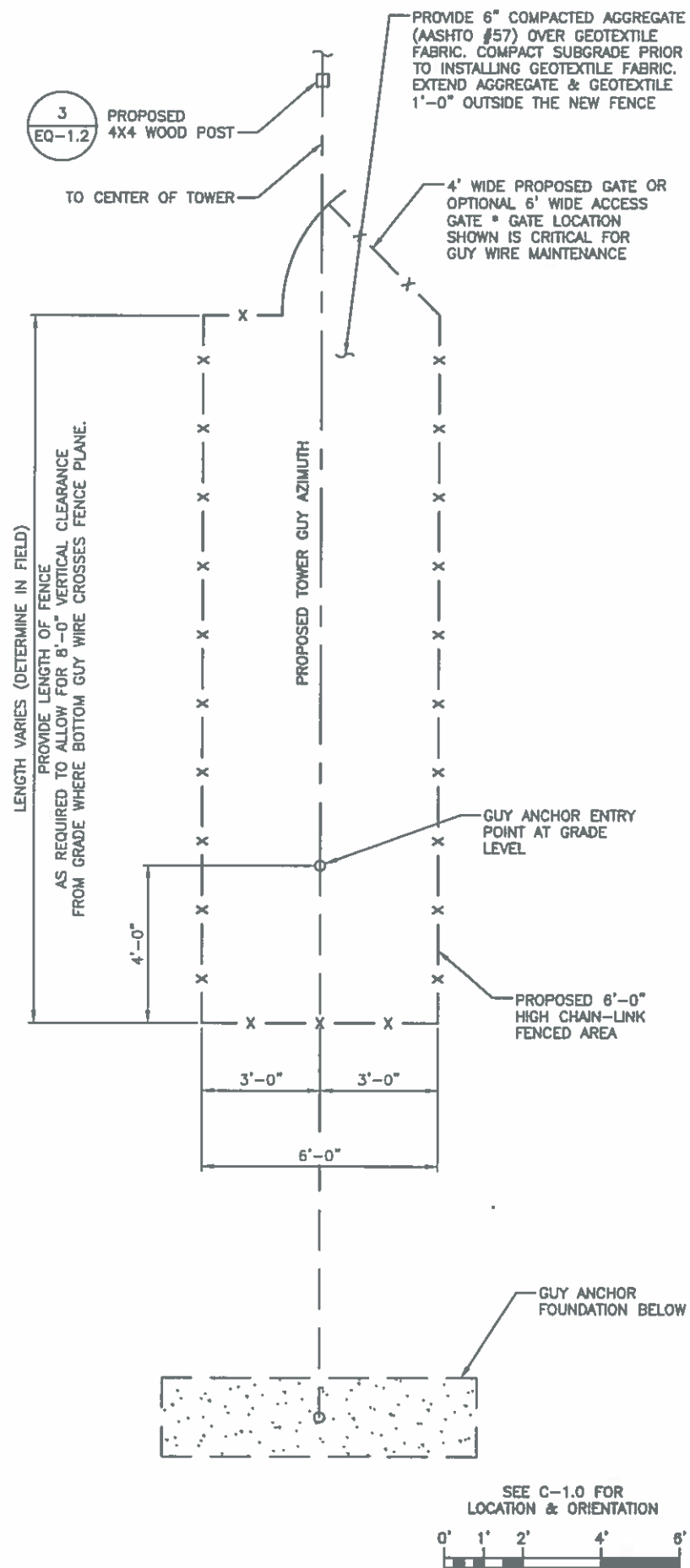
V2W LANDSPACE

PENETRATIONS

RR/48BU

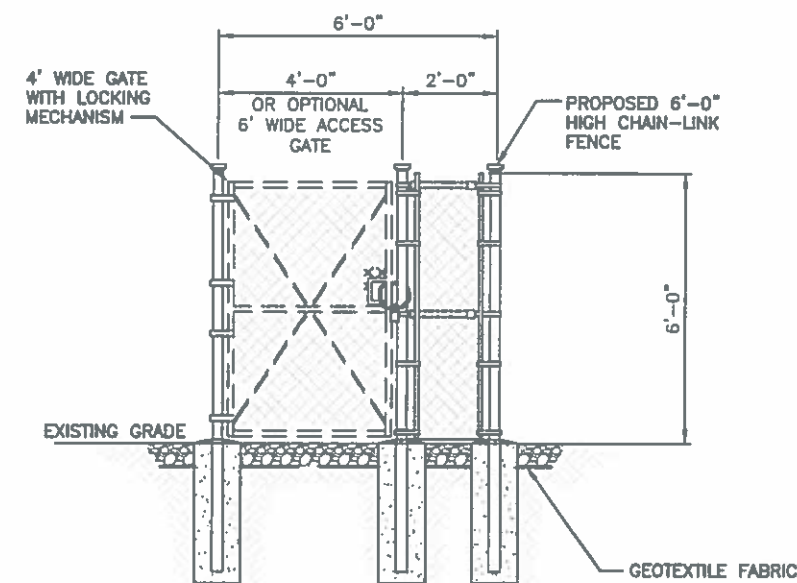
ANTENNAS

FIBER

POWER/
GROUNDINGHYBRID &
COAX CABLES

GUY WIRE FENCE PLAN

1



*NO GATE ON OPPOSITE END

GUY WIRE FENCE END PROFILE

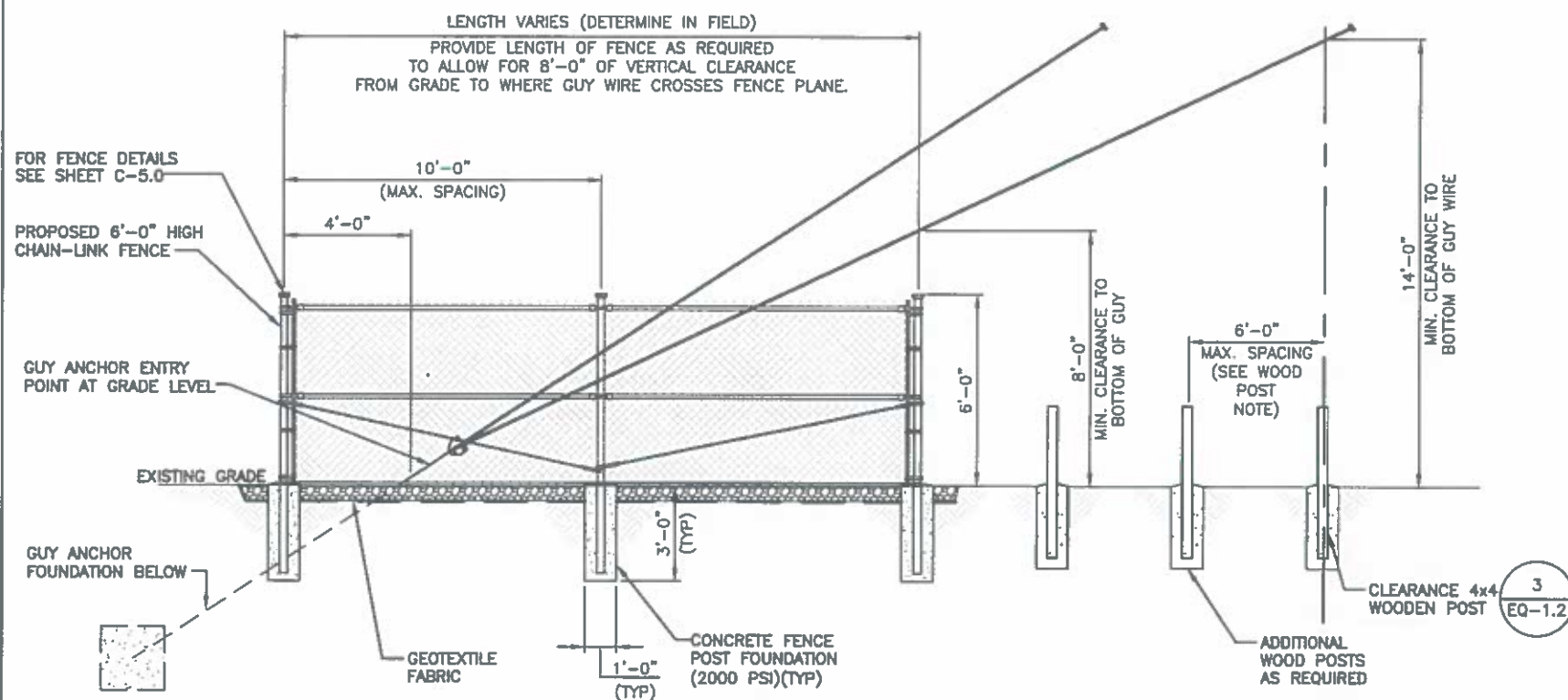
2

WOOD POST NOTES

3

WOOD POST INSTALLATION

1. INSTALL FIRST WOOD POST DIRECTLY UNDER GUY AZIMUTH WHERE BOTTOM GUY WIRE REACHES A 14' MIN. CLEARANCE.
2. INSTALL ADDITIONAL WOOD POSTS BETWEEN THE 14'-0" CLEARANCE WOOD POST & THE 8'-0" FENCING CLEARANCE POINT AS REQUIRED. EQUALLY SPACE (MAX. 6'-0").



GUY WIRE FENCE SIDE PROFILE

4

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-671			
ENGINEER	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	
REJ ROBERT E. JENSEN	16096	CIVIL	
CG CHRISTOPHER GUANNOTTI	25673	CIVIL	
PJD PATRICK J. DAVIS	25067	CIVIL	
SDK SHELTON D. KEISLING	13654	ELECTRICAL	
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT

verizon

PLANS PREPARED FOR:



PLANS PREPARED BY:



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APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

GUY WIRE
FENCE DETAILS

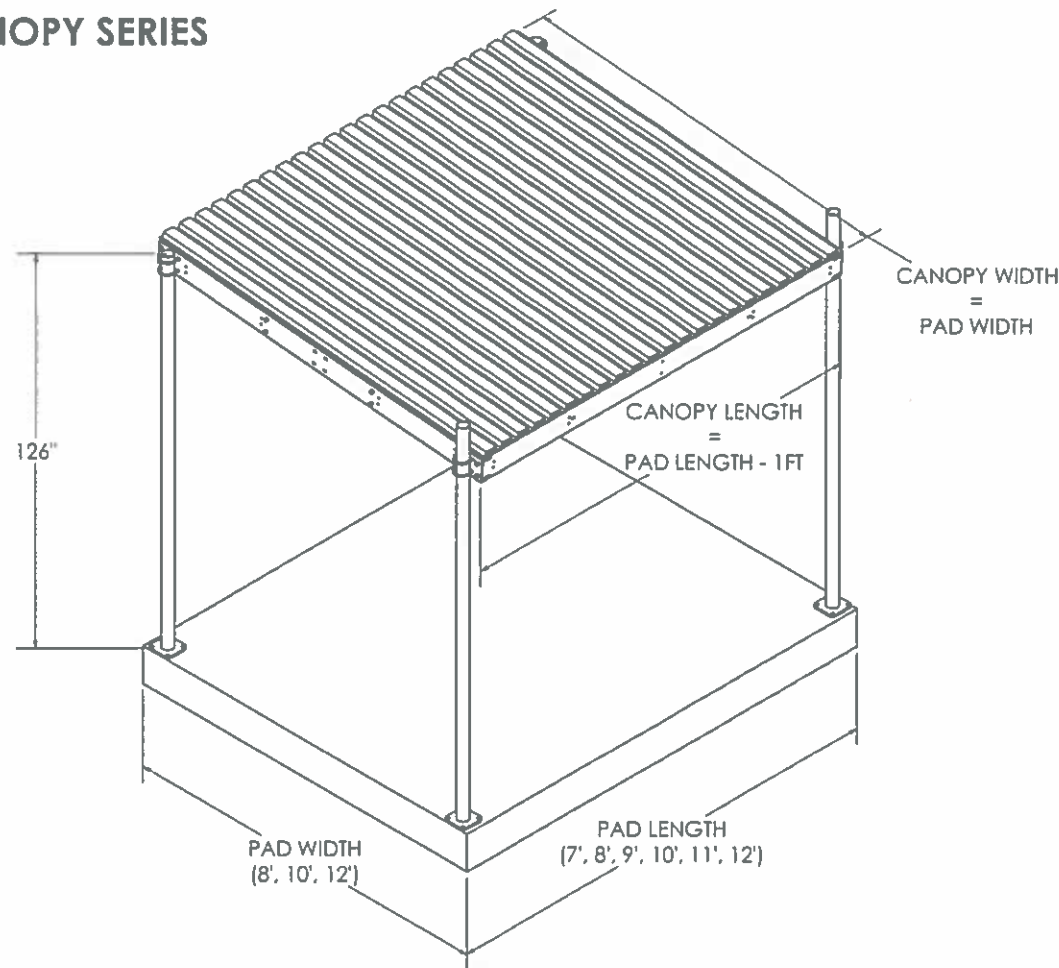
SHEET #

C-5.2

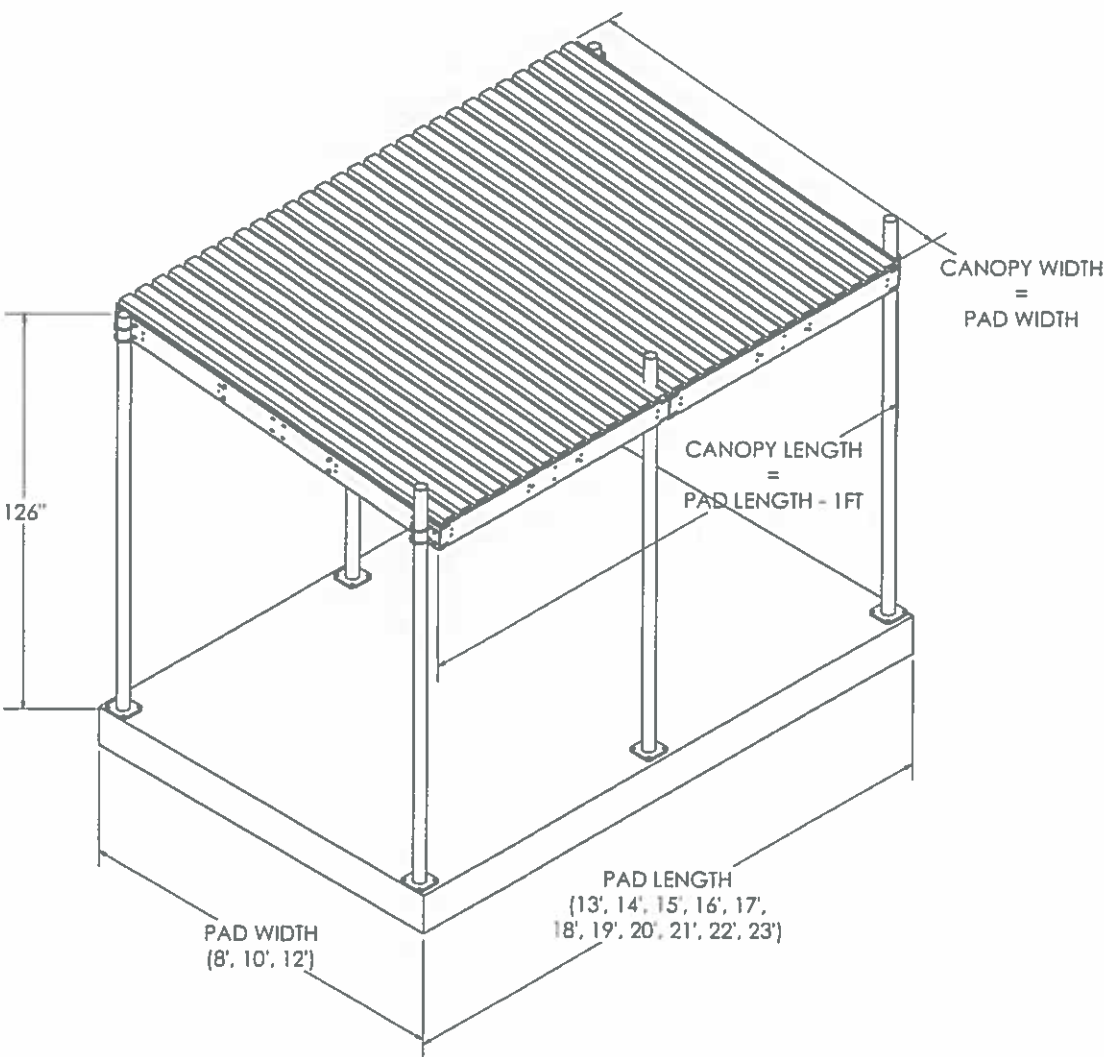
NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

WEATHER CANOPY SERIES

SERIES OVERVIEW



4 POST WEATHER CANOPY



6 POST WEATHER CANOPY

Weather Canopy Size Options					
	Pad Width (Roof Slope Direction)				
	8'		10'		12'
Pad Length	7'	PV-WC0807-B 809 lbs	PV-WC1007-B 935 lbs	PV-WC1207-B 1061 lbs	
	8'	PV-WC0808-B 857 lbs	PV-WC1008-B 997 lbs	PV-WC1208-B 1137 lbs	
	9'	PV-WC0809-B 904 lbs	PV-WC1009-B 1057 lbs	PV-WC1209-B 1211 lbs	
	10'	PV-WC0810-B 950 lbs	PV-WC1010-B 1117 lbs	PV-WC1210-B 1284 lbs	
	11'	PV-WC0811-B 998 lbs	PV-WC1011-B 1179 lbs	PV-WC1211-B 1361 lbs	
	12'	PV-WC0812-B 1045 lbs	PV-WC1012-B 1240 lbs	PV-WC1212-B 1436 lbs	
	13'	PV-WC0813-B 1355 lbs	PV-WC1013-B 1584 lbs	PV-WC1213-B 1815 lbs	
	14'	PV-WC0814-B 1404 lbs	PV-WC1014-B 1648 lbs	PV-WC1214-B 1893 lbs	
	15'	PV-WC0815-B 1450 lbs	PV-WC1015-B 1708 lbs	PV-WC1215-B 1966 lbs	
	16'	PV-WC0816-B 1496 lbs	PV-WC1016-B 1766 lbs	PV-WC1216-B 2038 lbs	
	17'	PV-WC0817-B 1545 lbs	PV-WC1017-B 1830 lbs	PV-WC1217-B 2116 lbs	
	18'	PV-WC0818-B 1591 lbs	PV-WC1018-B 1890 lbs	PV-WC1218-B 2190 lbs	
	19'	PV-WC0819-B 1636 lbs	PV-WC1019-B 1949 lbs	PV-WC1219-B 2262 lbs	
	20'	PV-WC0820-B 1685 lbs	PV-WC1020-B 2012 lbs	PV-WC1220-B 2340 lbs	
	21'	PV-WC0821-B 1732 lbs	PV-WC1021-B 2072 lbs	PV-WC1221-B 2414 lbs	
	22'	PV-WC0822-B 1777 lbs	PV-WC1022-B 2131 lbs	PV-WC1222-B 2492 lbs	
	23'	PV-WC0823-B 1829 lbs	PV-WC1023-B 2198 lbs	PV-WC1223-B 2568 lbs	

SHEET: 1 OF 11		THIRD ANGLE PROJECTION 		CATEGORY: 07_Equipment Platforms & Canopies		5	UPDATED MEMBER LAYOUT, ADDED PLATFORM SIZES, ADDED JACK LEG	2/15/18	
				SERIES: 01_Equipment Platforms & Canopies		4	EQ USABLE AREA TABLE	2/2/17	
3/30/2018		SCALE: 1:40		TYPE: PV-WC / PV-EQ Series		3	ADDED PV-EQ-STEP	1/25/17	
DIMENSIONS ARE IN INCHES TOLERANCES U.N.O. HOLES: +1/16", -1/32" ANGULAR: PROFILE ±1/4", BEND ±2" ALL OTHERS: ±1/16"				BY: DJN		2	UPDATED PV-WC-BRACE	9/17/16	
				CHECKED: SJS		1	ADDED POST KITS	4/7/16	
		STATUS: APPROVED		REV	DESCRIPTION	DATE	EQUIPMENT PLATFORM AND CANOPY DOCUMENT NUMBER WCEQ-ENG-01-R5		REV 5

PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF PERFECTVISION MFG. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF PERFECTVISION MFG IS PROHIBITED.

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE
STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION # E-571

ENGINEER	PE#	DISCIPLINE
KMV KEVIN M. VANMAELE	22105	CIVIL
REJ ROBERT E. JENSEN	18096	CIVIL
CG CHRISTOPHER GIANNOITI	28673	CIVIL
PJD PATRICK J. DAVIS	25087	CIVIL
SDK SHELTON D. KEISLING	13854	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	8258	ELECTRICAL

APPLICANT

verizon

PLANS PREPARED FOR:

STC

PLANS PREPARED BY:

SSC

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SUBMITTALS	DESCRIPTION	DATE	BY	REV
ISSUED FOR REVIEW		09/30/25	AWD	A
REISSUED PER CLIENT COMMENTS		11/04/25	AWD	B

MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION	SHEET #
CANOPY DETAILS	C-5.3

NEW VZW
UTILITY
EASEMENT

ACCESSABILITY
EASEMENT

VZW LANDSPACE

PENETRATIONS

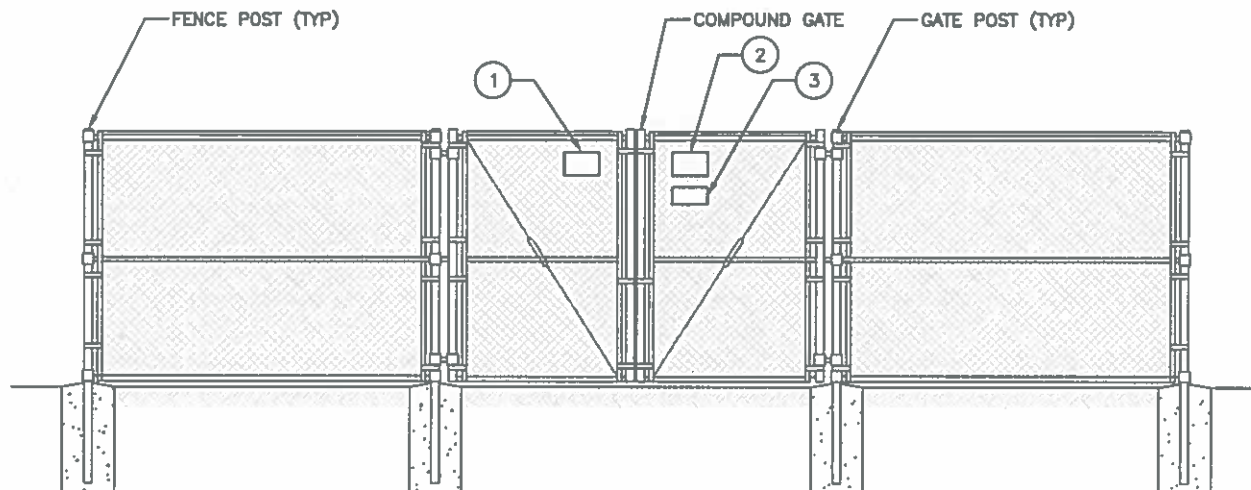
RR/BBU

ANTENNAS

FIBER

POWER/
GROUNDING

HYBRID &
COAX CABLES

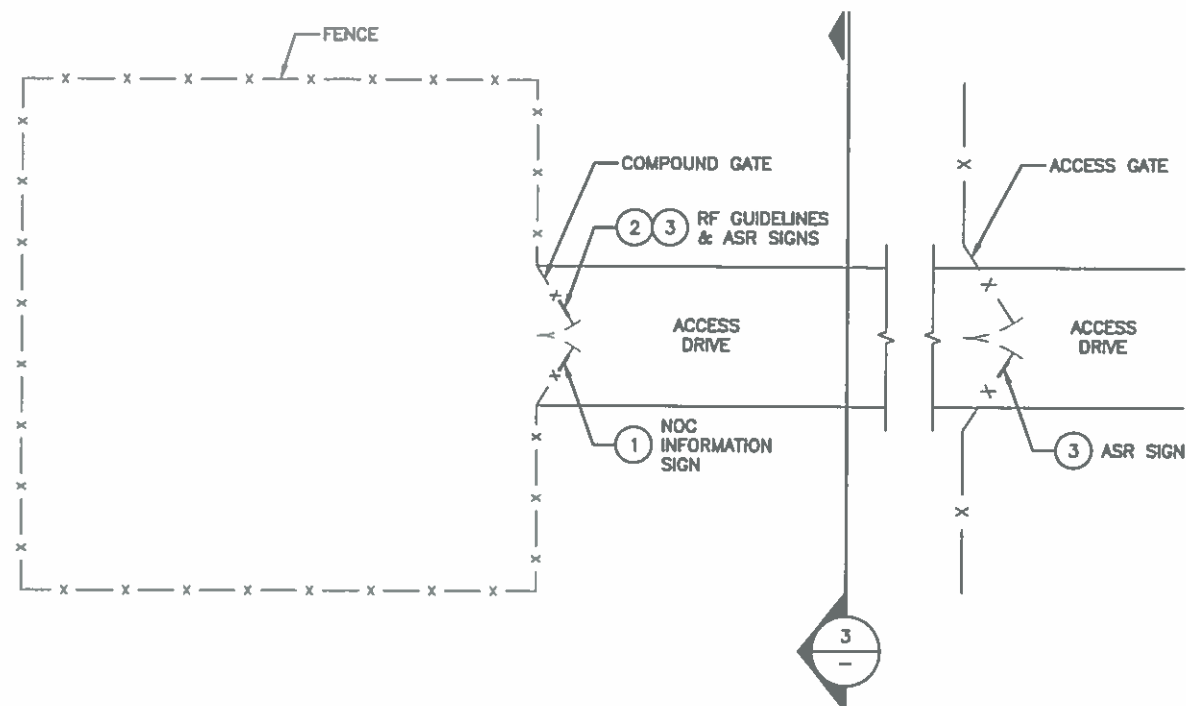


NOTE:

ELEVATION IS LOOKING FROM
EXTERIOR OF FENCED COMPOUND.

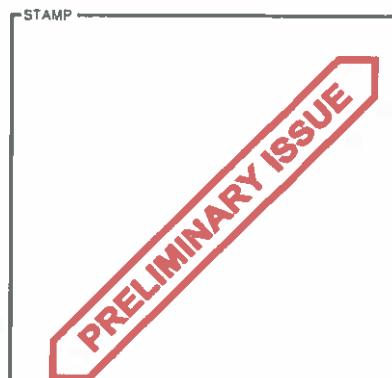
FENCE SIGNAGE PLACEMENT

3



FENCE SIGNAGE PLAN

1



ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-571			
ENGINEER	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	
REJ ROBERT E. JENSEN	16096	CIVIL	
CG CHRISTOPHER GUANNOTTI	28873	CIVIL	
PJD PATRICK J. DAVIS	25087	CIVIL	
SDK SHELTON D. KEISLING	13654	ELECTRICAL	
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT

verizon

PLANS PREPARED FOR



PLANS PREPARED BY



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TBD

SITE ADDRESS

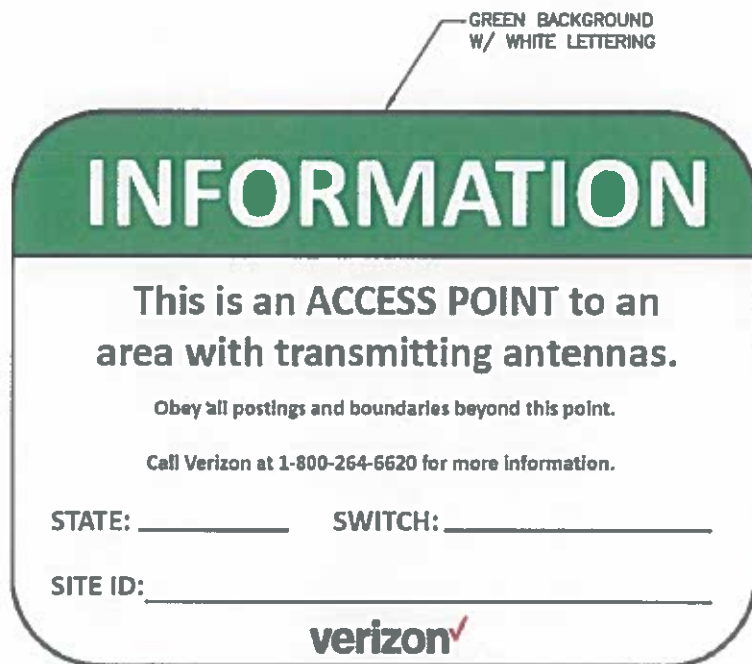
3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

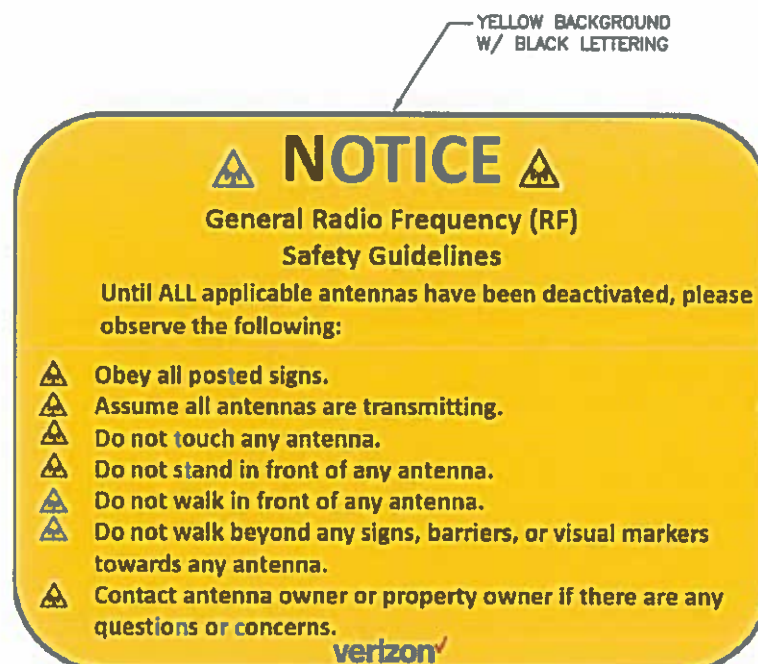
SIGNAGE
DETAILS

SHEET #

C-6.0



NOC INFORMATION SIGN
1'-0" WIDE x 8" HIGH 1



RF GUIDELINES SIGN
1'-0" WIDE x 8" HIGH 2



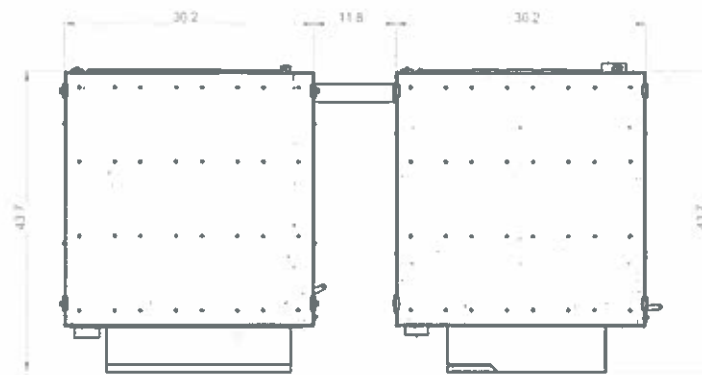
WHITE BACKGROUND
W/ BLACK LETTERING
ASR SIGN
1'-0" WIDE x 6" HIGH 3

FENCE SIGNAGE

2

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
KRIH/SBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

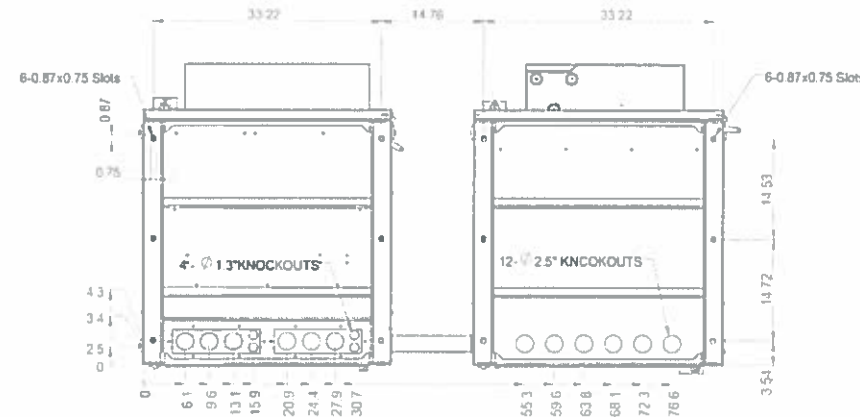
TOP VIEW



Main equipment cabinet
(CMC74-36E)

Battery cabinet
(CMC74-36B)

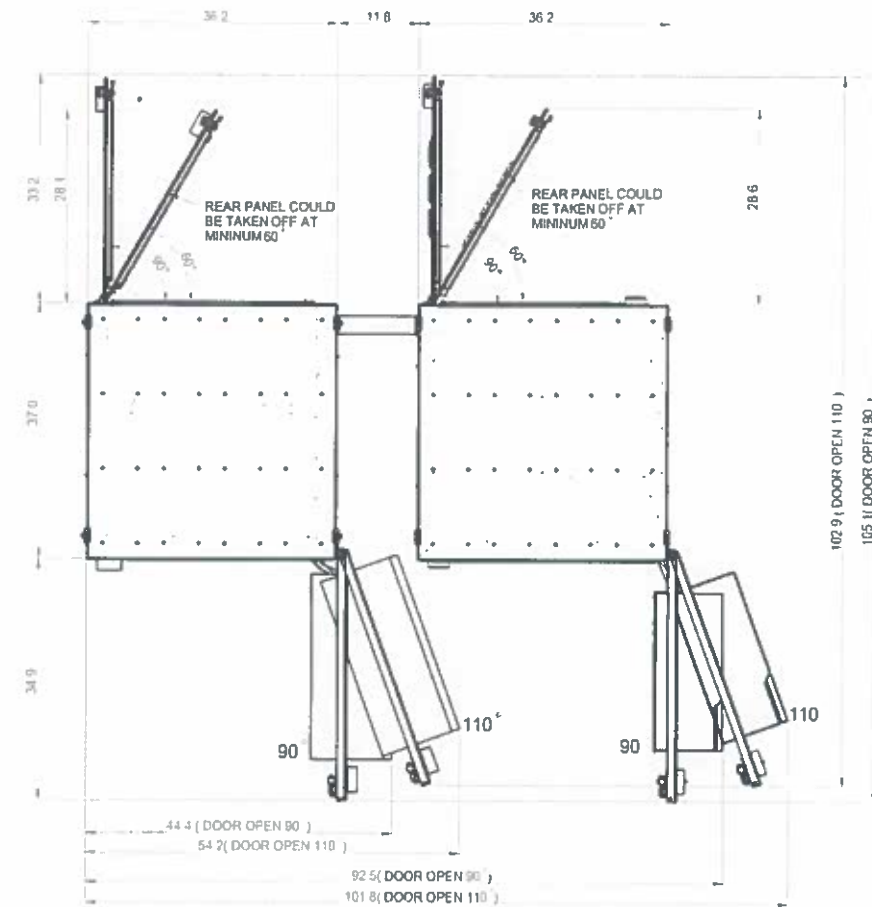
BOTTOM VIEW



Main equipment cabinet
(CMC74-36E)

Battery cabinet
(CMC74-36B)

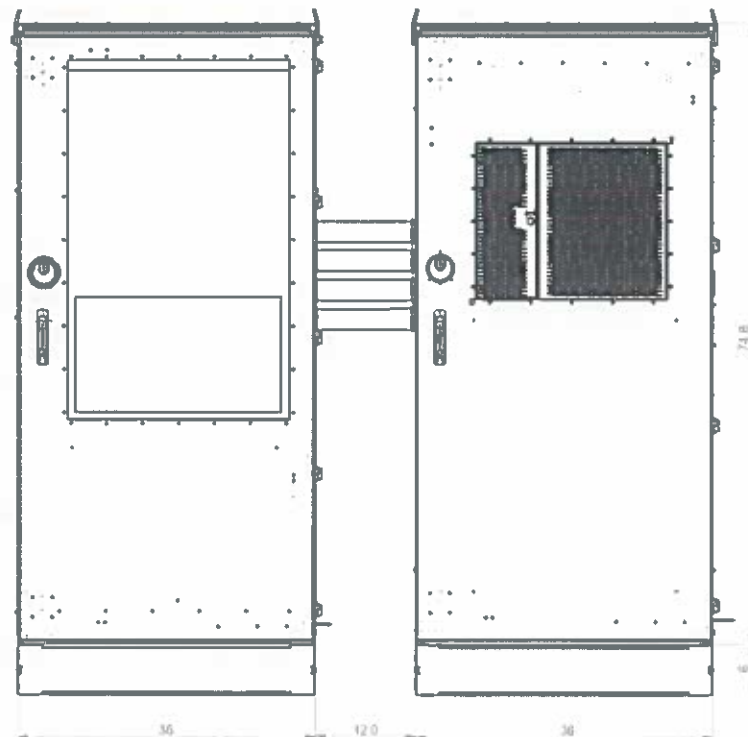
PLAN VIEW



Main equipment cabinet
(CMC74-36E)

Battery cabinet
(CMC74-36B)

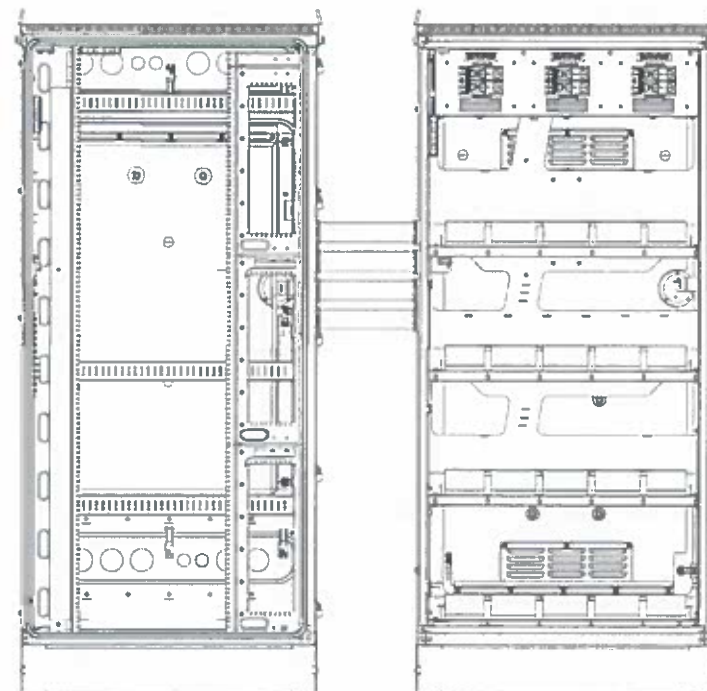
FRONT VIEW
(DOOR CLOSE)



Main equipment cabinet
(CMC74-36E)

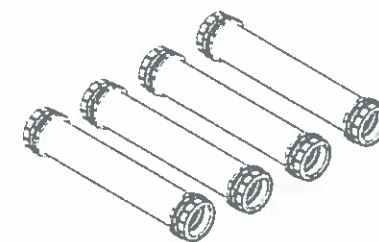
Battery cabinet
(CMC74-36B)

FRONT VIEW
(WITHOUT DOOR)



Main equipment cabinet
(CMC74-36E)

Battery cabinet
(CMC74-36B)



TWO CMC74-36 CONNECTION CONDUIT KIT

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-671			
ENGINEER	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	DRAWING
REJ ROBERT E. JENSEN	18098	CIVIL	
CG CHRISTOPHER GANNOTTI	28673	CIVIL	
PJD PATRICK J. DAVIS	25087	CIVIL	
SDK SHELTON D. KEISLING	13654	ELECTRICAL	
DJW DAVID J. WALDRON	31220	ELECTRICAL	DRAWING
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT

verizon

PLANS PREPARED FOR



PLANS PREPARED BY:



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MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

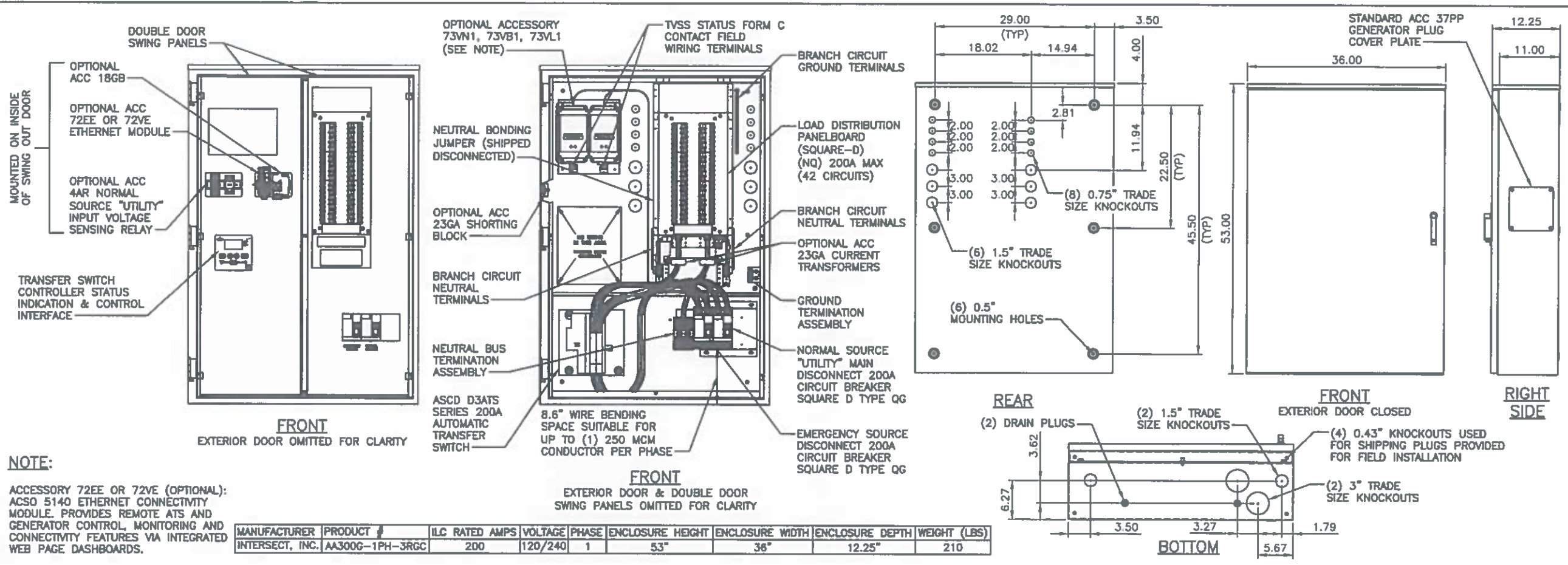
SHEET DESCRIPTION

EQUIPMENT
CABINET
DETAILS

SHEET #

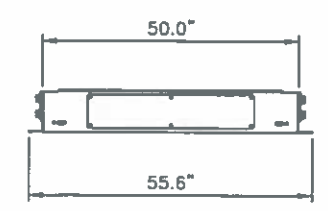
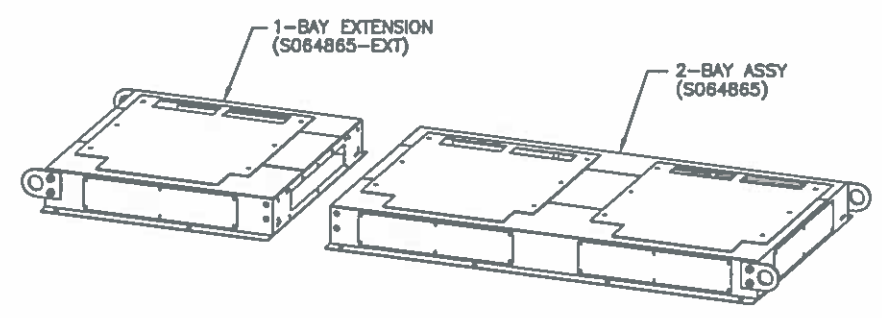
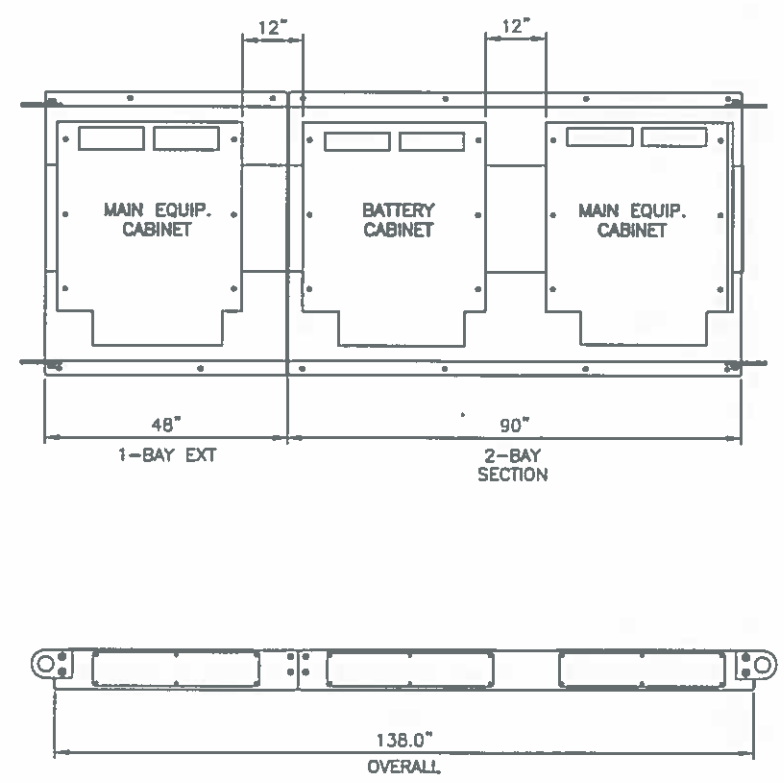
EQ-1.0

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES



ILC DETAILS

1



NAME: PLINTH 3-BAY COMMSCOPE
DWG: S064865
ACT: 02/23/2021

PLINTH 3 BAY-COMMSCOPE

2

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE

STATE OF KANSAS

PE CERTIFICATE OF AUTHORIZATION # E-571

ENGINEER	PER	DISCIPLINE
KMY KEVIN M. VANMAELE	22105	CIVIL
REJ ROBERT E. JENSEN	16096	CIVIL
CO CHRISTOPHER GUANNOTTI	25673	CIVIL
PJD PATRICK J. DAVIS	25697	CIVIL
SDK SHELTON D. KEISLING	13854	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	9250	ELECTRICAL

APPLICANT

verizon

PLANS PREPARED FOR

STC

PLANS PREPARED BY

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MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

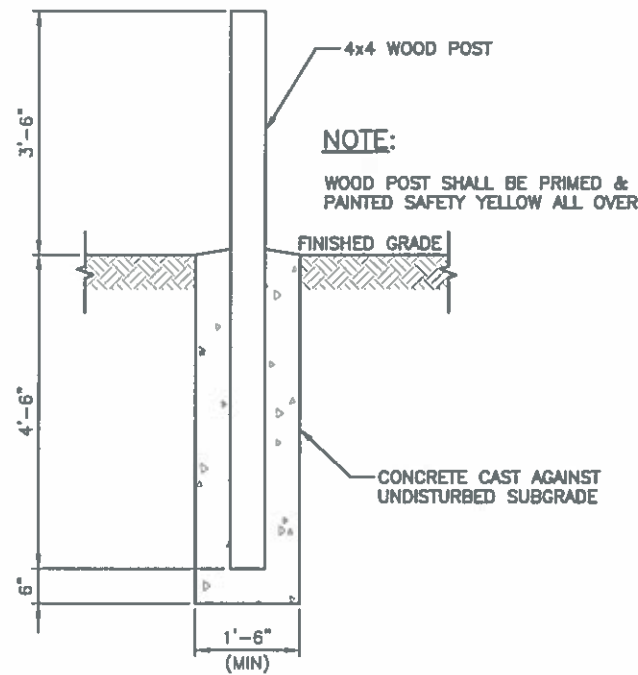
MTPL NEVADA RELHR TBD

SITE ADDRESS

**3751 NEVADA ROAD
OTTAWA, KS 66067**

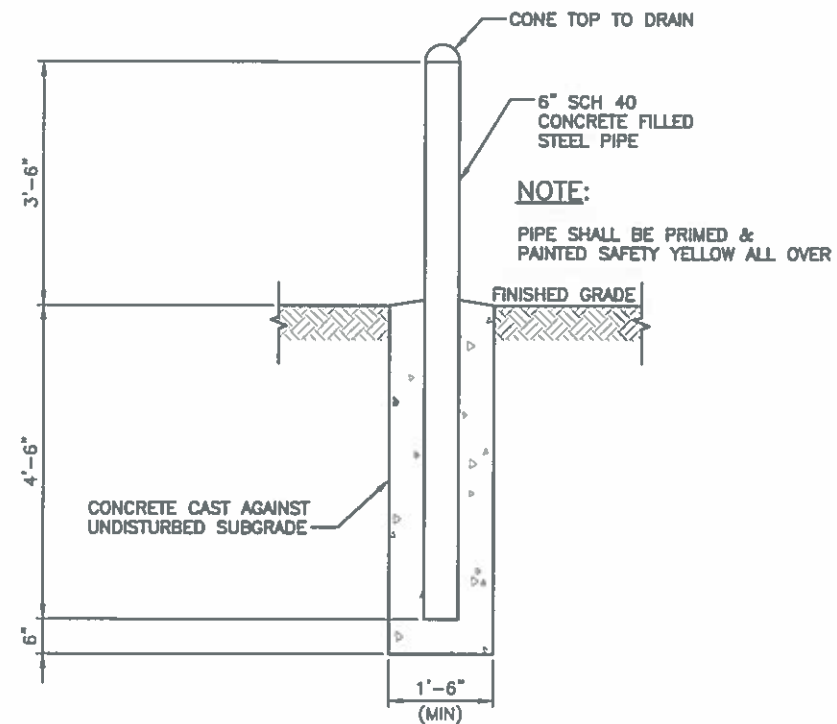
SHEET DESCRIPTION	SHEET #
DETAILS (1 OF 2)	EQ-1.1

NEW/20V UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
V20/LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES



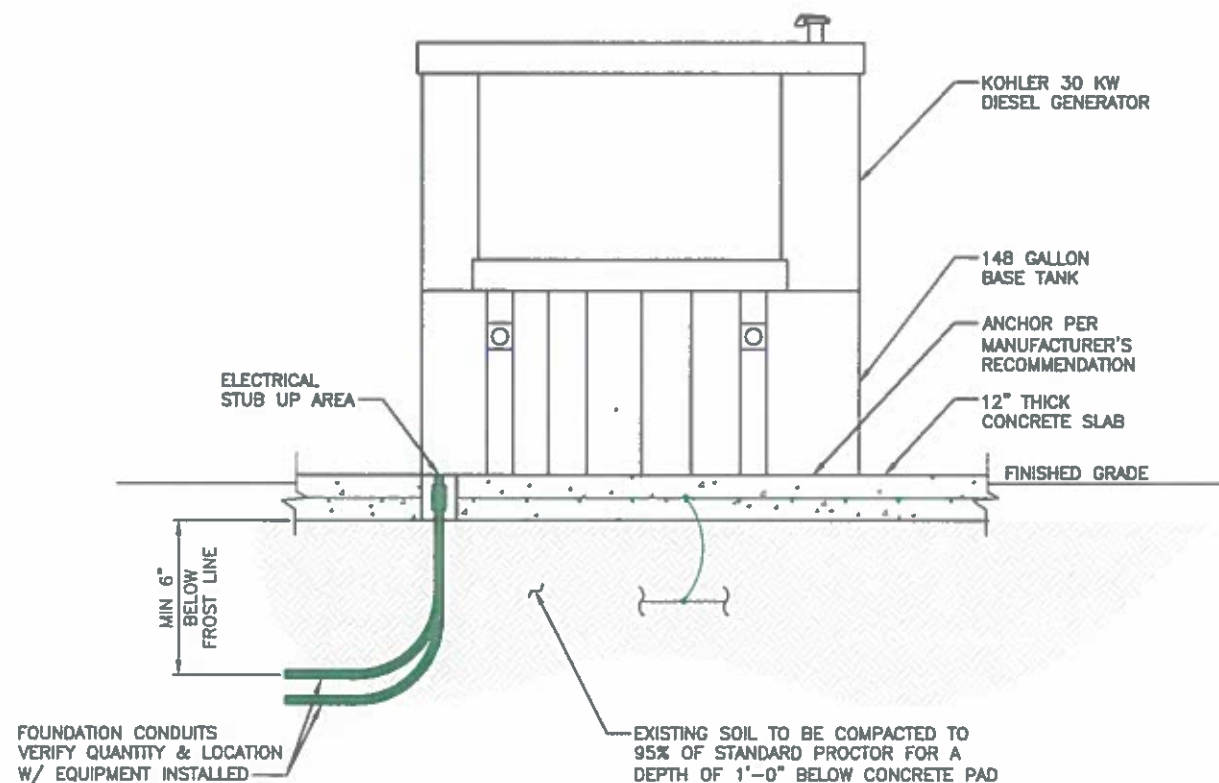
WOOD POST DETAIL

3



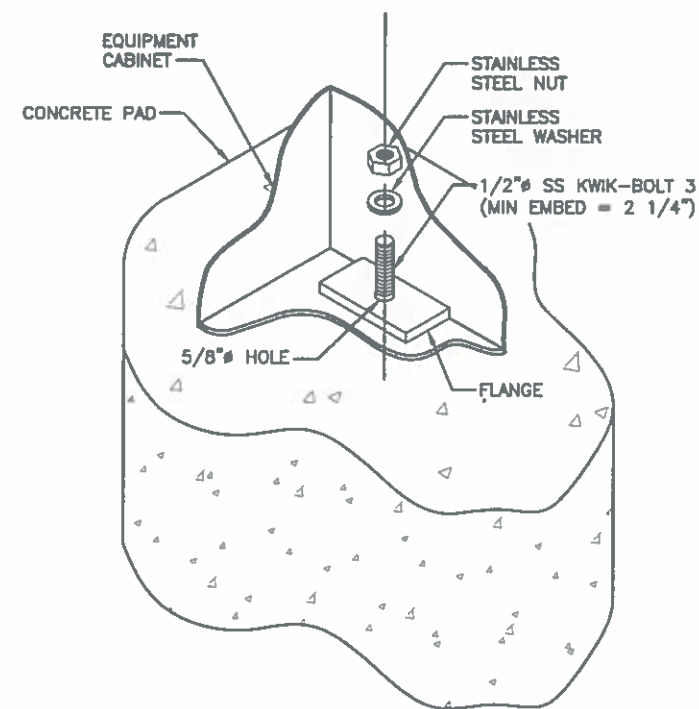
CONCRETE FILLED BOLLARD DETAIL

1



GENERATOR ELEVATION

4



NOTES:

1. VERIFY LOCATION & QUANTITY OF ANCHORS WITH EQUIPMENT CABINET INSTALLATION MANUAL.
2. PLACE CABINET GASKET & RUBBER WASHERS AS REQUIRED BY CABINET MANUFACTURER.

CABINET ANCHORING DETAIL

2

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE
STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION #E-671

ENGINEER	PE#	DISCIPLINE
KMV KEVIN M. VANMAELE	22105	CIVIL
REJ ROBERT E. JENSEN	18096	CIVIL
CS CHRISTOPHER GIANVOTTI	28673	CIVIL
PJD PATRICK J. DAVIS	25087	CIVIL
SDK SHELTON D. KEISLING	13654	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	9250	ELECTRICAL

APPLICANT

verizon

PLANS PREPARED FOR

STC

PLANS PREPARED BY

SSC

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MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

DETAILS (2 OF 2)

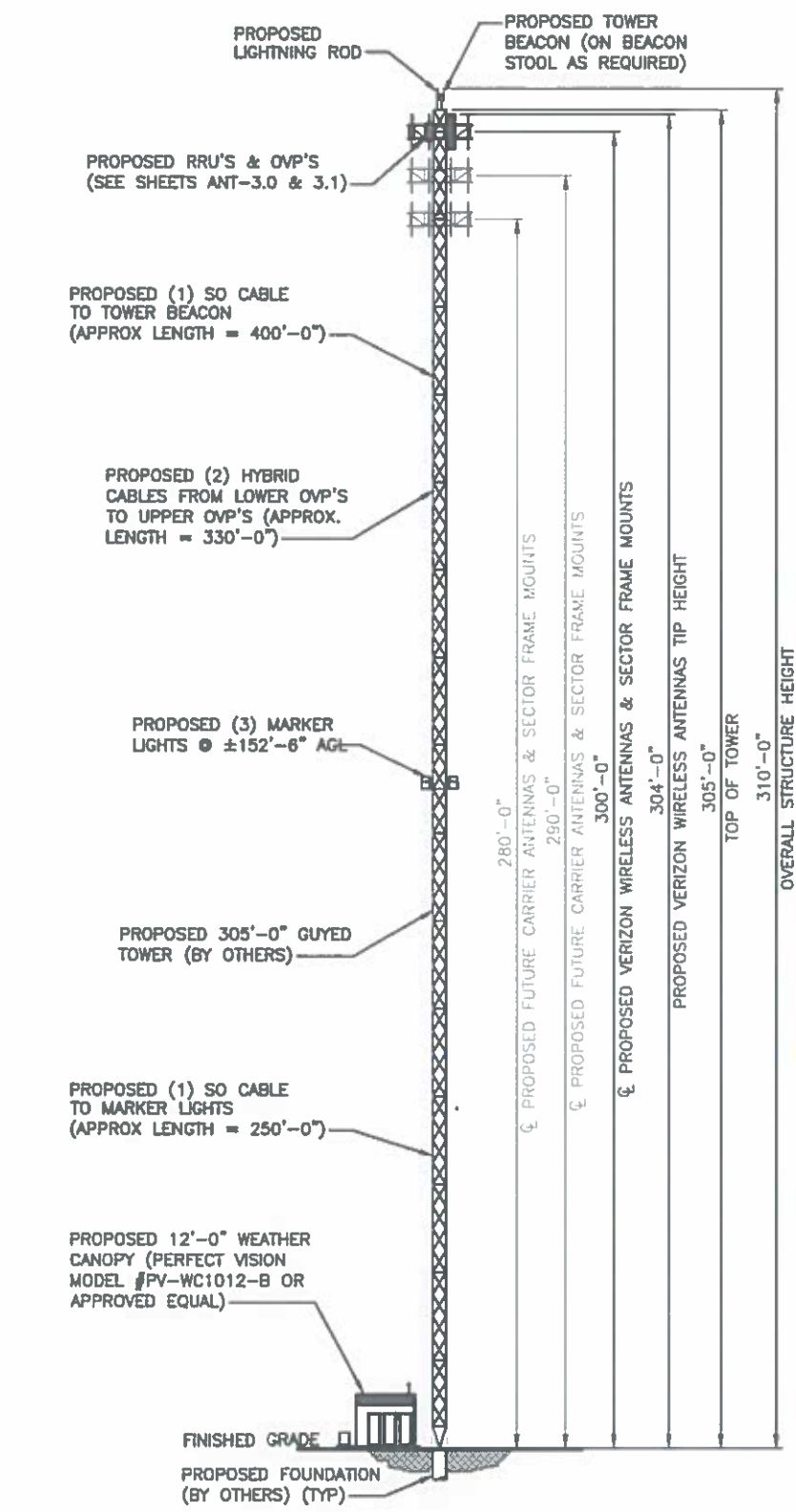
SHEET #

EQ-1.2

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

TOWER LIGHTING NOTE:

PROPOSED TOWER BEACON/MARKER LIGHTS @ TOP OF TOWER TO COMPLY WITH FAA TYPE E1 FROM 200'-0" - 350'-0" AGL (FTS PART# F1702010 OR EQUIVALENT).



NOTE:

GC TO REFER TO THE "FINAL RFDS" FOR RF CONFIGURATION DETAIL

GENERAL NOTES:

1. ANTENNAS SHALL BE DESIGNATED FROM RIGHT TO LEFT, FACING THE ASSEMBLY FROM THE GROUND. LEFT TO RIGHT FACING THE BACK OF THE ANTENNA.
2. THE OUTERMOST ANTENNAS ON EACH FACE SHALL BE DESIGNATED AS THE RECEIVER ANTENNAS. THE INNER ANTENNAS SHALL BE DESIGNATED AS THE TRANSMIT ANTENNAS.
3. ALL TRANSMISSION LINES SHALL BE COLOR CODED AT EACH END WITH COLORED TAPE OF COLLARS TO IDENTIFY TECHNOLOGY AND SECTOR. COLOR CODE SHALL BE IN COMPLIANCE WITH THE VERIZON COLOR SCHEME.
4. IN TWO-ANTENNA CONFIGURATION WHERE ONE ANTENNA WILL BE DIPLEXED, THE DIPLEXED ANTENNA SHALL BE LABELED AS RECEIVE.
5. CONTRACTOR SHALL FIELD VERIFY THE EXACT TMA'S (IF THEY ARE REQUIRED) PER THE OPERATIONS MANAGER.
6. FEEDLINE LENGTHS INDICATED ARE APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LENGTHS BEFORE ORDERING.
7. CONTRACTOR SHALL INSTALL PLATFORM OR MOUNTING BRACKETS AND HARDWARE FOR ALL ANTENNAS AND SHALL BE INSTALLED PER THE TOWER MANUFACTURER'S STANDARD DETAILS OR APPROVED EQUAL.
8. PIM DEVICE SHALL BE INSTALLED WITHIN 10'-0" OF ANTENNAS

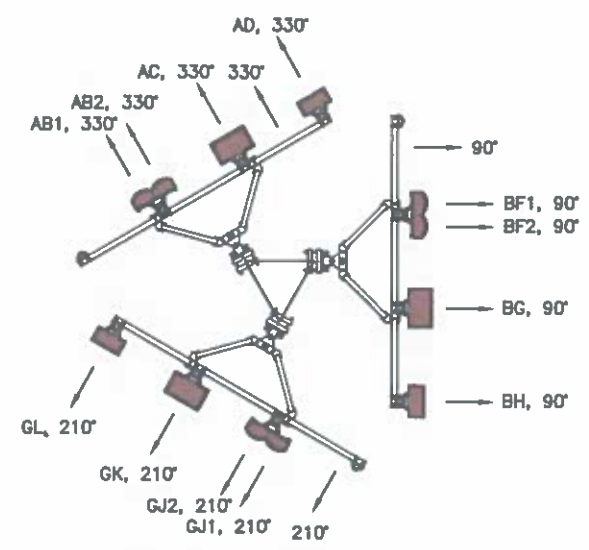
EQUIPMENT FURNISHED AND/OR INSTALLED BY:

DESCRIPTION	FURNISHED	INSTALLED
ANCHOR BOLTS FOR TOWER	TOWER VENDOR	STC
ANTENNA MOUNTS	TOWER VENDOR	CONTRACTOR
ANTENNAS	VERIZON WIRELESS	CONTRACTOR
FEEDLINE CABLES	VERIZON WIRELESS	CONTRACTOR
CONNECTORS	CONTRACTOR	CONTRACTOR
ENTRY PORT BOOTS	CONTRACTOR	CONTRACTOR
GPS ANTENNA	VERIZON WIRELESS	CONTRACTOR
GROUND KITS	CONTRACTOR	CONTRACTOR
HANGAR KITS	CONTRACTOR	CONTRACTOR
ICE BRIDGE MATERIAL	CONTRACTOR	CONTRACTOR
RF JUMPERS (TOP)	CONTRACTOR	CONTRACTOR
EQUIPMENT	VERIZON WIRELESS	CONTRACTOR
EQUIPMENT PLATFORM/CANOPY	VERIZON WIRELESS	CONTRACTOR
TOWER	STC	STC
TOWER BUS BARS	CONTRACTOR	CONTRACTOR
OVP'S	VERIZON WIRELESS	CONTRACTOR
RRU'S	VERIZON WIRELESS	CONTRACTOR

NOTE:

LOCATIONS OF ANTENNAS AS SHOWN HAVE BEEN APPROVED BY CLIENT AND/OR CLIENT'S RADIO FREQUENCY ENGINEERS. SSC ASSUMES NO RESPONSIBILITY FOR, NOR HAS SSC PERFORMED ANY INVESTIGATIONS OR STUDIES CONCERNING, THE COMPLIANCE OR NONCOMPLIANCE OF SAID ANTENNA LOCATIONS WITH ANY FCC RADIO FREQUENCY EXPOSURE REGULATIONS.

ALL STRUCTURE INFORMATION SHOWN IS FOR ILLUSTRATION PURPOSES ONLY, AND MAY DIFFER FROM THE FINAL DESIGN PROVIDED BY THE STRUCTURE MANUFACTURER. THE CONTRACTOR SHALL CONSTRUCT THE STRUCTURE, FOUNDATION, AND ALL OTHER RELATED COMPONENTS IN ACCORDANCE WITH THE STRUCTURE MANUFACTURER'S DRAWINGS AND SPECIFICATIONS.



NOTES:

1. ANTENNAS MUST BE SPACED WITHIN 13.5" CENTER-TO-CENTER
2. THE ANTENNA LAYOUT IS FOR ANTENNA ORIENTATION ONLY. ALL CONNECTIONS FOR HANGERS, SUPPORTS, BRACING, ETC. SHALL BE PER TOWER MANUFACTURER'S STANDARD DETAILS.

ANTENNA LAYOUT
NOT TO SCALE



STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE
STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION # E-571
ENGINEER: PE# DISCIPLINE
KMY KEVIN M. VANMAELE 22105 CIVIL
REJ ROBERT E. JENSEN 16096 CIVIL
CG CHRISTOPHER GIANVOTTI 20873 CIVIL
PJD PATRICK J. DAVIS 25087 CIVIL
SDK SHELTON D. KEISLING 13854 ELECTRICAL
DJW DAVID J. WALDRON 31220 ELECTRICAL
TMS TERRANCE M. SUPER 9250 ELECTRICAL

APPLICANT

verizon

PLANS PREPARED FOR:

STC

PLANS PREPARED BY:

SSC

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MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

TOWER ELEVATION
& ANTENNA
INFORMATION

SHEET #

ANT-1.0

NEW VZW UTILITY EASEMENT
ACCESSABILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RRMBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

NOTE:
GC TO REFER TO THE "FINAL RFDS"
FOR RF CONFIGURATION DETAIL

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KMY KEVIN M. VANMAELE 22105 CIVIL
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CS CHRISTOPHER GIANNOTTI 28813 CIVIL
PJD PATRICK J. DAVIS 25087 CIVIL
SDK SHELTON D. KEISLING 13854 ELECTRICAL
DJW DAVID J. WALDRON 31220 ELECTRICAL
TMS TERRANCE M. SUPER 9255 ELECTRICAL

APPLICANT



PLANS PREPARED FOR



PLANS PREPARED BY



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MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

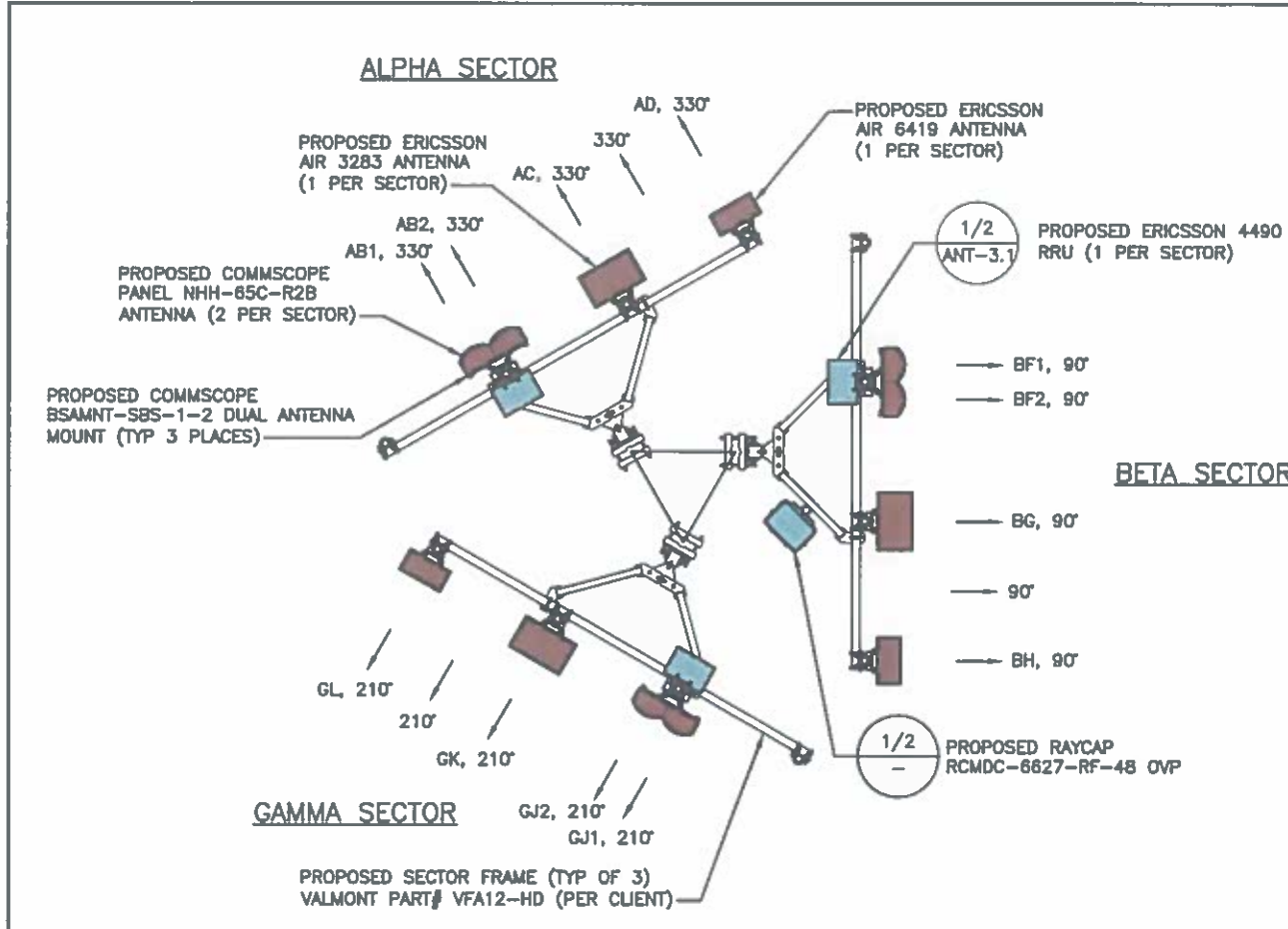
SHEET DESCRIPTION

RF DIAGRAM

SHEET #

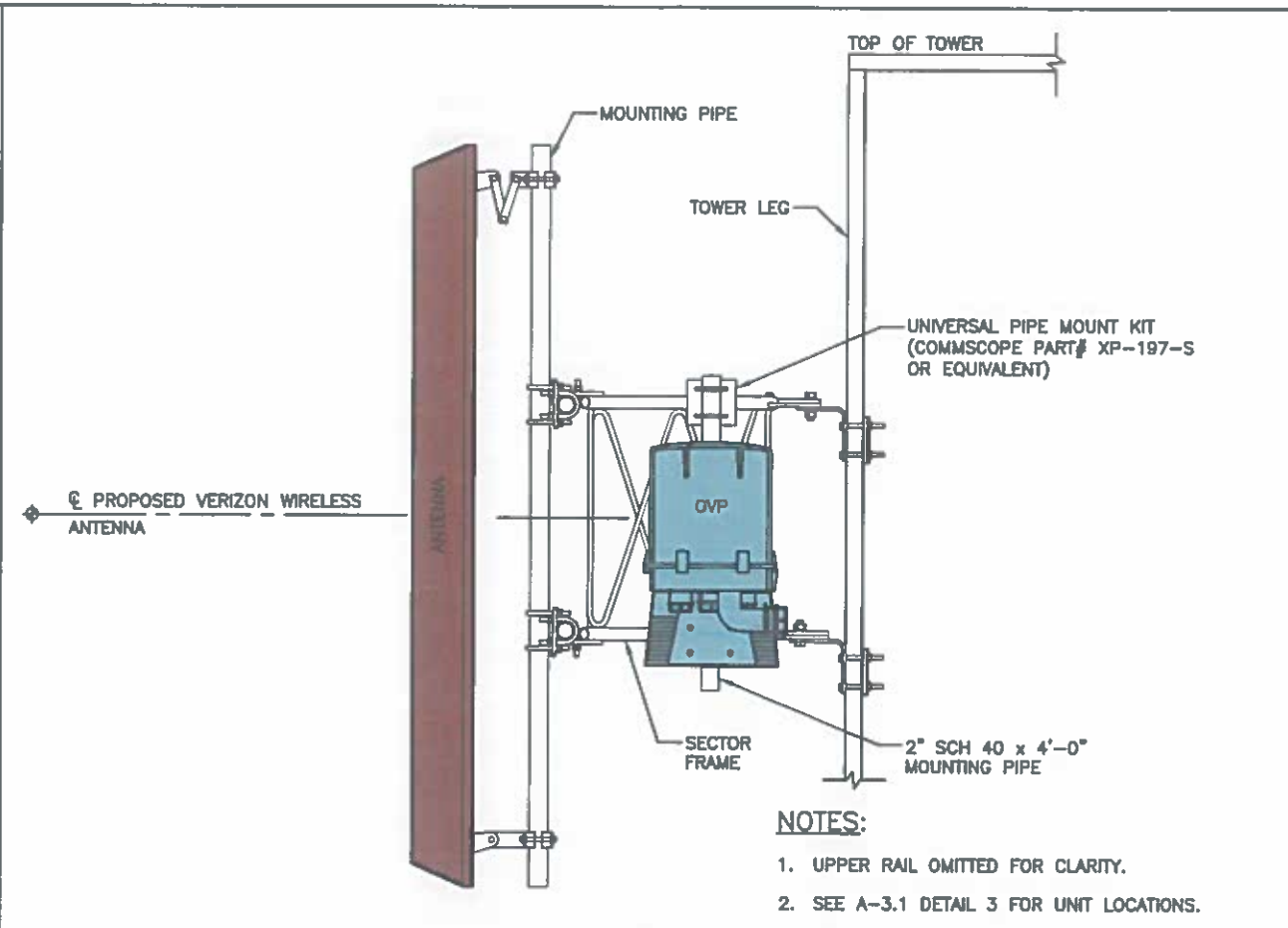
ANT-2.0

NEW VZW UTILITY EASEMENT
ACCESS UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES



SECTOR EQUIPMENT LAYOUT

3



OVP MOUNTING DETAIL

1

Procedure Mounting Procedures

4.1 A mounting base is delivered with the unit. The base allows either wall/ladder or pole mounted installation. See picture to identify the holes for each installation method.

4.2 Option 1: Pole Mount
Using supplied hardware, mount Bracket to 2" to 4" diameter pole.

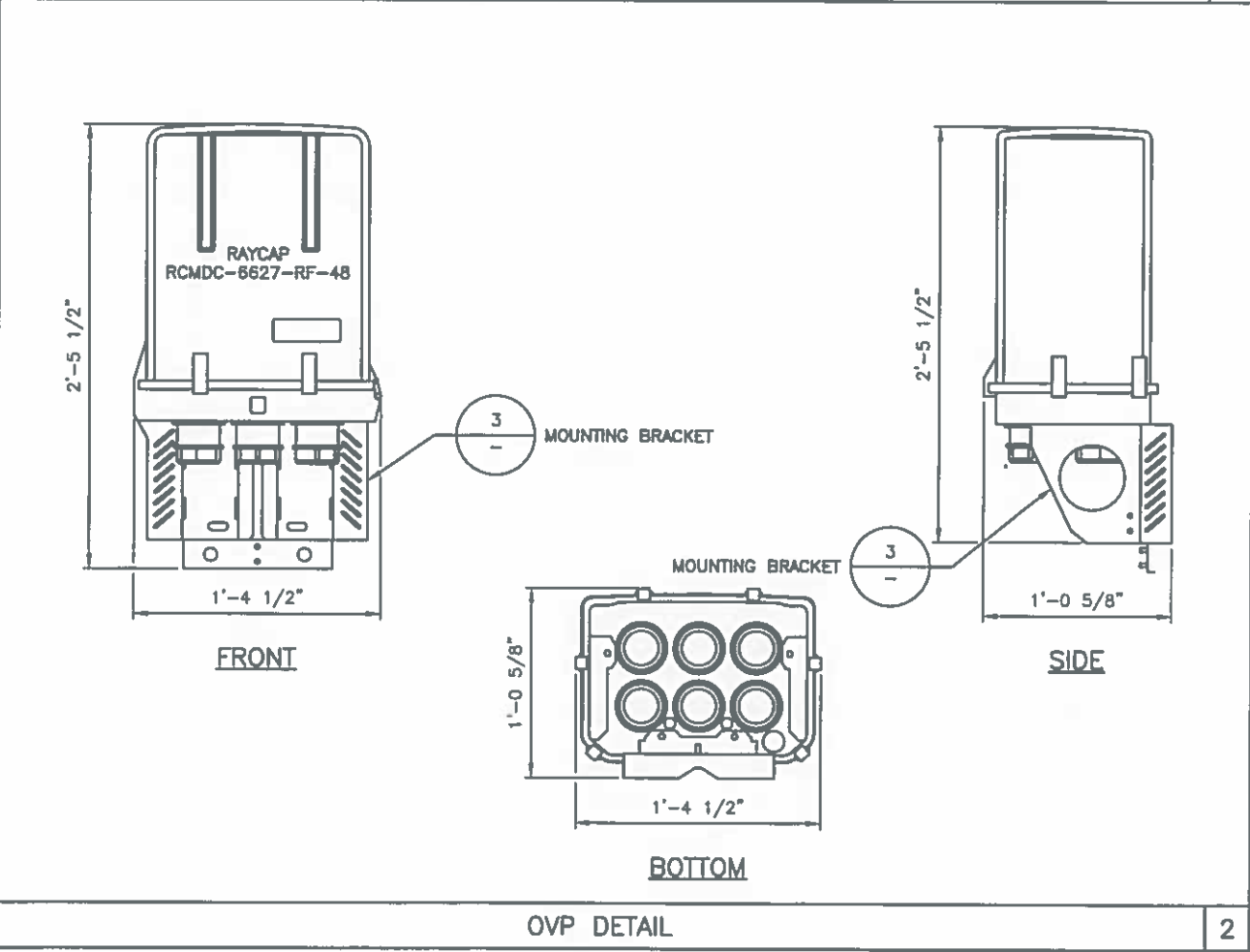
4.3 Option 2: Unistrut
Use 1" stainless steel bands (not supplied) through slots on bracket to mount to Monopole.

4.4 Option 3: Monopole
Use 1" stainless steel bands (not supplied) through slots on bracket to mount to Monopole.

• Pole Mount
• Unistrut
• Monopole

OVP MOUNT DETAIL

4



OVP DETAIL

2

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE
STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION # E-671
ENGINEER PE# DISCIPLINE
KMY KEVIN M. VANMAELE 22105 CIVIL
REJ ROBERT E. JENSEN 18096 CIVIL
CB CHRISTOPHER GIANNOTTI 28673 CIVIL
PJD PATRICK J. DAVIS 25067 CIVIL
SDK SHELTON D. KEISLING 13854 ELECTRICAL
DJW DAVID J. WALDRON 31220 ELECTRICAL
TMS TERRANCE M. SUPER 9250 ELECTRICAL

APPLICANT
verizon

PLANS PREPARED FOR
STC

PLANS PREPARED BY
SSC

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SUBMITTALS	DESCRIPTION	DATE	BY	REV
ISSUED FOR REVIEW		09/30/25	AWD	A
REISSUED PER CLIENT COMMENTS		11/04/25	AWD	B

MLA SITE NAME
STC202-KS NEVADA HRR

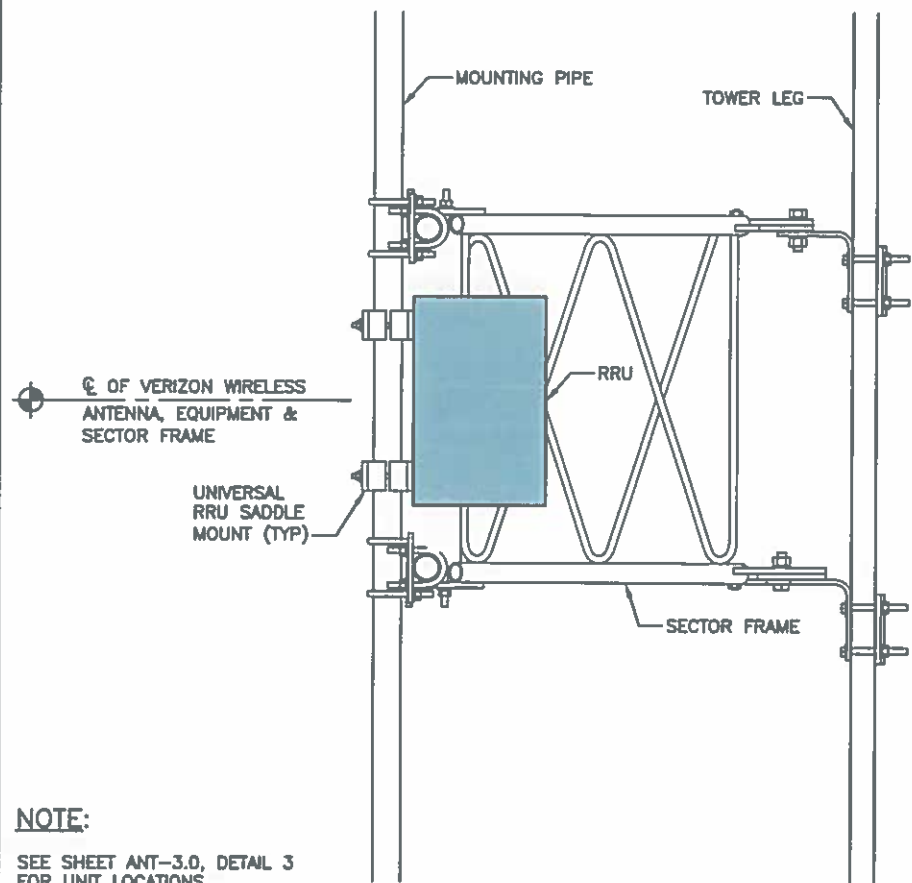
APPLICANT SITE NAME & SITE NUMBER
MTPL NEVADA RELHR
TBD

SITE ADDRESS
3751 NEVADA ROAD
OTTAWA, KS 66067

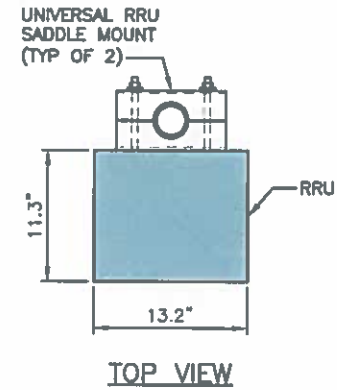
SHEET DESCRIPTION
EQUIPMENT
DETAILS
(1 OF 3)

SHEET #
ANT-3.0

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RRH/BBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES



NOTE:
CONTRACTOR SHALL INSTALL RRU'S
W/ MOUNTING INSTRUCTIONS PER
MANUFACTURER'S SPECIFICATIONS.



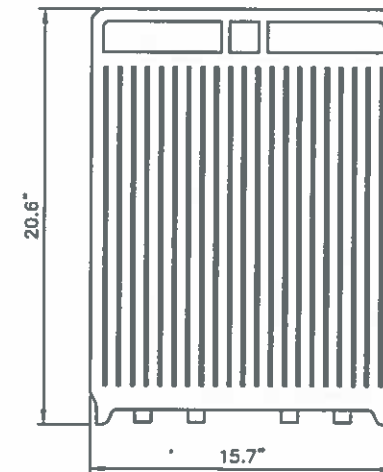
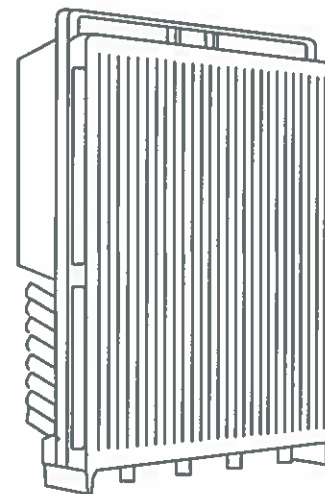
NOTE:
SEE SHEET ANT-3.0, DETAIL 3
FOR UNIT LOCATIONS.

DETAIL NOT USED

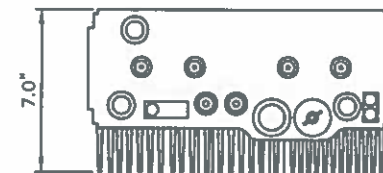
3

RRU SECTOR FRAME MOUNTING DETAILS

1



FRONT



BOTTOM

NOTE:
CONTRACTOR SHALL INSTALL RRU
WITH MOUNTING INSTRUCTIONS PER
MANUFACTURER'S SPECIFICATION.

SPECIFICATIONS:

VENDOR: ERICSSON
MODEL#: 4490
DIMENSIONS (HxWxD): 20.6" x 15.7" x 7.0"
WEIGHT: 68.4 LBS

DETAIL NOT USED

4

ERICSSON 4490 RRU DETAIL

2

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PRELIMINARY ISSUE

ENGINEERING LICENSE
STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION # E-571

ENGINEER	PE#	DISCIPLINE
KMV KEVIN M. VANMAELE	22105	CIVIL
REJ ROBERT E. JENSEN	16096	CIVIL
CCJ CHRISTOPHER GIANNOTTI	25873	CIVIL
PJD PATRICK J. DAVIS	25087	CIVIL
SDK SHELTON D. KEISLING	13654	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	9250	ELECTRICAL

APPLICANT

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APPLICANT SITE NAME & SITE NUMBER

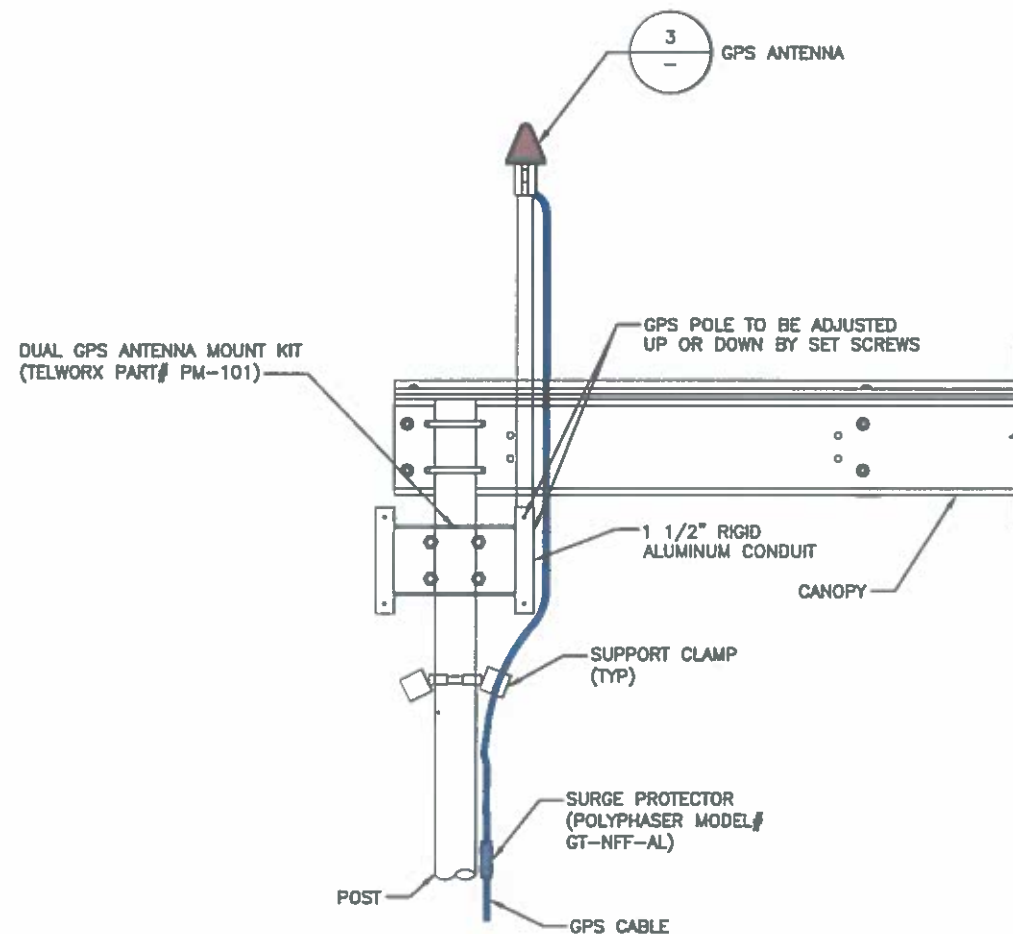
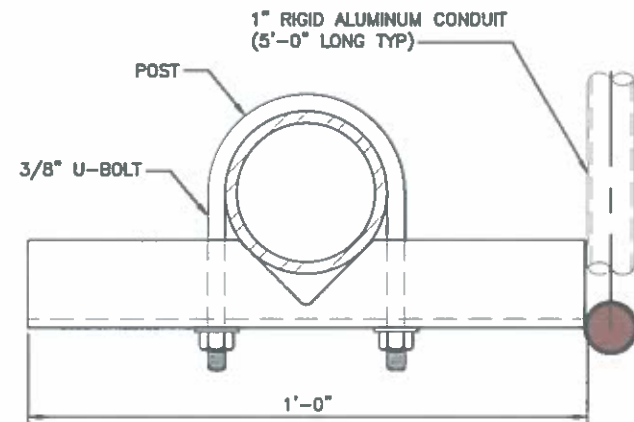
MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION	SHEET #
EQUIPMENT DETAILS (2 OF 3)	ANT-3.1

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

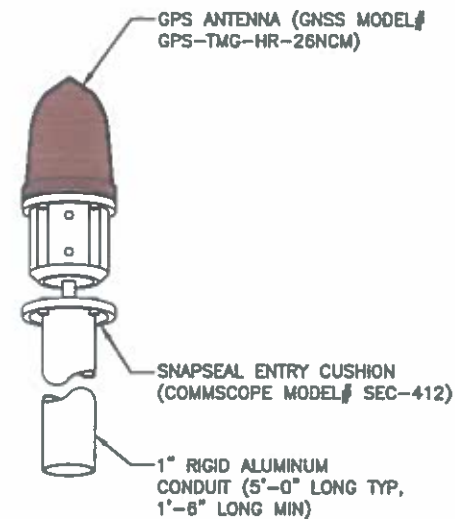


GPS ANTENNA MOUNTING DETAIL

5

NOTE:

INSTALL GPS ON THE CANOPY POST OR UTILITY H-FRAME POST TO AVOID OBSTRUCTIONS (TYP OF 2)



GPS ANTENNA DETAIL

3

MOUNT GPS ANTENNA TO POST

- ICE BRIDGE POST - IF THERE ARE NO TREES OR OBSTRUCTIONS BLOCKING THE SOUTHERN HEMISPHERE USE BACK TO BACK CLAMPS ON TO ICE BRIDGE POST OR UTILITY RACK POST.
 - USING DUAL MOUNT GPS ANTENNA KIT (TELWORX # PM-101 KIT OR APPROVED EQUAL) THE KIT INCLUDES (2) PC TELWORX GPS ANTENNAS, THE DUAL MOUNT, 2 SURGE ARRESTORS, AND COAX PORT BOOT THAT CAN HOLD 4 1/2" COAX.
 - MOUNT GPS ANTENNA MOUNT (BOTTOM) 7'-0" OFF GROUND. THE GPS POLES CAN BE ADJUSTED UP/DOWN BY SET SCREW ON BASE THAT HOLDS POLES. WHEN EXTENDED UP THE GPS ANTENNAS SHOULD BE JUST ABOVE THE CANOPY LINE. WHEN LOWERED THEY SHOULD BE APPROXIMATELY 8'-8" OFF THE GROUND AND REACHABLE FROM A 6'-0" LADDER.

MOUNT GPS ANTENNAS TO WALL OR TOWER

- BUILDING - IF THERE ARE NO TREES OR OBSTRUCTIONS BLOCKING THE SOUTHERN HEMISPHERE AND IF THERE ARE NO EQUIPMENT RACK PIPES:
 - USING DUAL MOUNT GPS ANTENNA KIT (TELWORX # PM-101 KIT OR APPROVED EQUAL) WALL MOUNTED APPLICATION SHALL USE OFFSET BRACKETS.
- TOWER - IF THERE ARE NEARBY TREES, BUILDINGS OR OTHER OBSTRUCTIONS, (2) ANTENNAS, COAX, AND MOUNTS WILL BE NEEDED (1) INSTALLED FOR REDUNDANCY, (1) WILL BE ATTACHED AT SAME LEVEL AS CELLULAR ANTENNAS USING EXISTING MOUNTS IF POSSIBLE WITH BACK TO BACK CLAMPS.

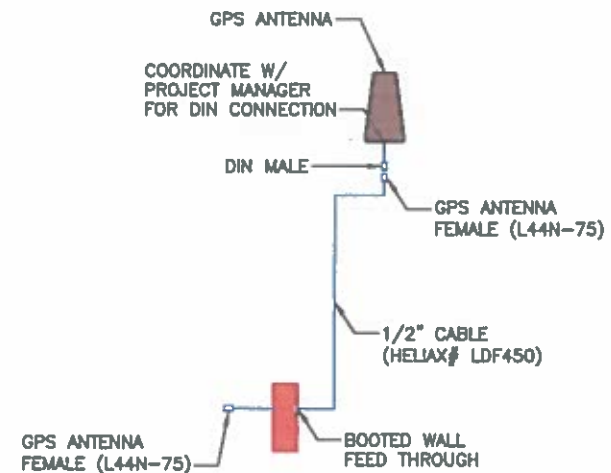
CONTRACTORS SHALL ORDER DUAL TELWORX GPS ANTENNAS FROM THE FOLLOWING CONTACT PERSON:

EARL J. OSTERTAG
SR. EQUIPMENT ENGINEER --
KSMO (816) 868-0009

TELWORX COMMUNICATIONS, LLC
BUSINESS DEVELOPMENT DIRECTOR
CENTRAL REGION
239 WELCOME CENTER BLVD
LEXINGTON, N.C. 27295
P.O.C. ANDREW TRIPP
WORK: (773) 706-0107
WWW.TELWORX.NET
WWW.TOWERWORX.NET

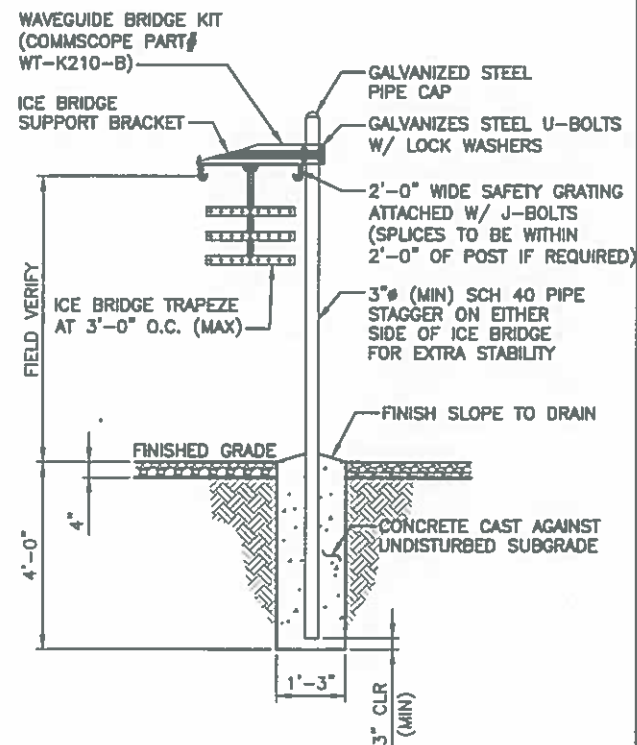
GPS MOUNTING INSTRUCTIONS

4



GPS ANTENNA CABLE RUN DIAGRAM

1



NOTE:

FURNISHED & INSTALLED BY CONTRACTOR.

ICE BRIDGE SUPPORT POST DETAIL

2

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE		
STATE OF KANSAS		
PE CERTIFICATE OF AUTHORIZATION # E-571		
ENGINEER	PE#	DISCIPLINE
KMV KEVIN M. VANMAELE	22105	CIVIL
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CG CHRISTOPHER GANNOTTI	25873	CIVIL
PJD PATRICK J. DAVIS	25087	CIVIL
SDK SHELTON D. KEISLING	13654	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	9250	ELECTRICAL

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verizon

PLANS PREPARED FOR



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MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

EQUIPMENT
DETAILS
(3 OF 3)

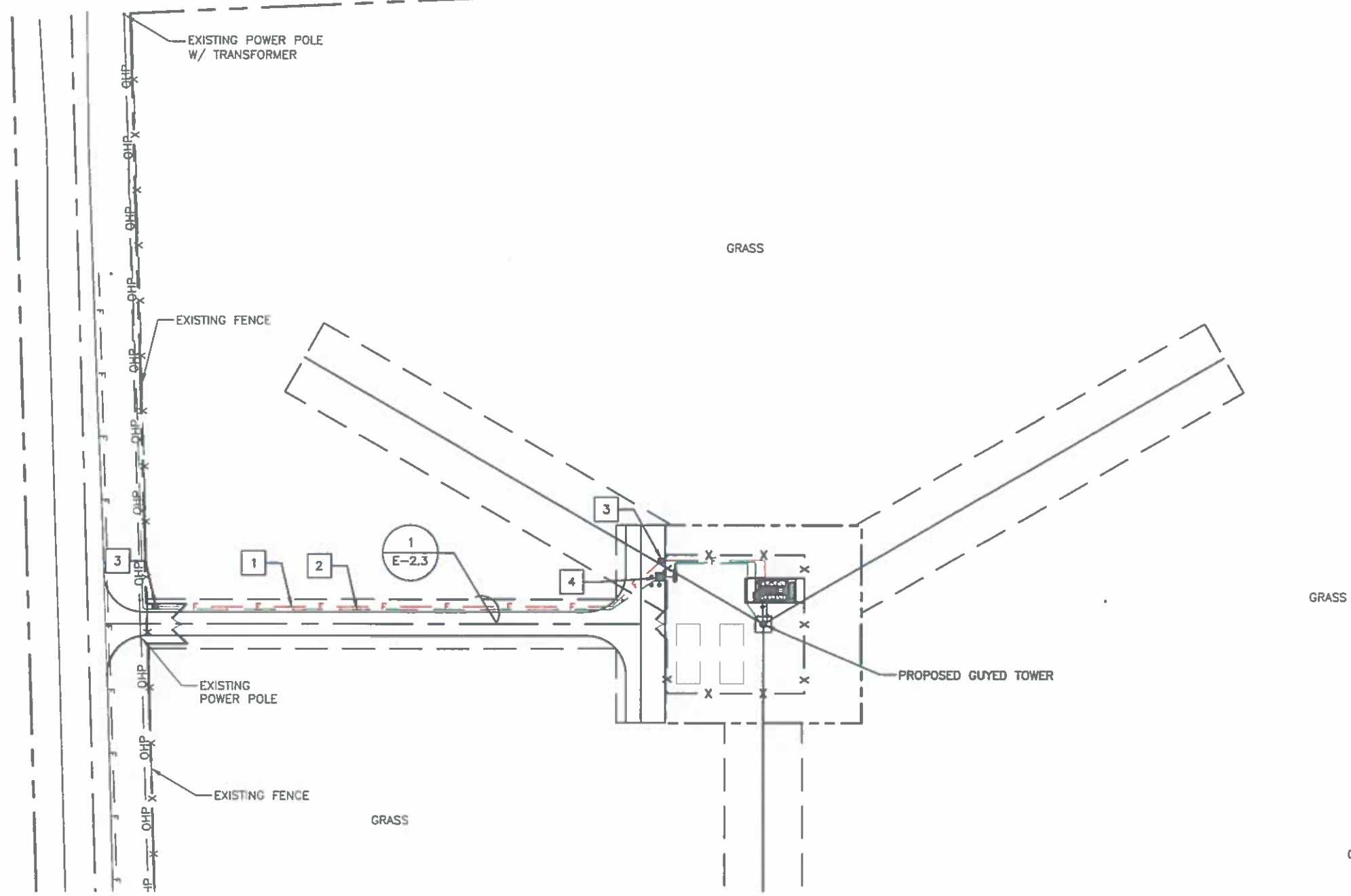
SHEET #

ANT-3.2

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RHH/BLU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

KEYED NOTES:

- 1 PROPOSED 4" CONDUIT W/ (3) 1" INNERDUCTS, PULL ROPE & TRACE WIRE FOR FIBER FROM TRAFFIC RATED FIBER HANDHOLE AT RIGHT-OF-WAY TO TRAFFIC RATED FIBER HANDHOLE AT COMPOUND. (APPROX. LENGTH = 275'-0")
- 2 PROPOSED 2" CONDUIT WITH PULL ROPE FOR PRIMARY POWER FROM SOURCE TO PAD MOUNTED TRANSFORMER (APPROX. LENGTH = 575'-0") (CONTRACTOR SHALL FIELD VERIFY & COORDINATE CONNECTION POINT W/ LOCAL UTILITY COMPANY)
- 3 PROPOSED 3'-0"x2'-0"x2'-0" TRAFFIC RATED FIBER HANDHOLE (COVER SHALL BE STAMPED "VERIZON")
- 4 PROPOSED PAD MOUNTED UTILITY TRANSFORMER (BY UTILITY COMPANY) ON CONCRETE PAD (BY CONTRACTOR PER UTILITY COMPANY STANDARDS)



OVERALL UTILITY PLAN

1/32" = 1'-0" (22"x34")
1/64" = 1'-0" (11"x17") 1

STAMP

PRELIMINARY ISSUE

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STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION # E-571
ENGINEER PE# DISCIPLINE
KMY KEVIN M. VANMAELE 22105 CIVIL
REJ ROBERT E. JENSEN 18036 CIVIL
CG CHRISTOPHER GIANNOTTI 25573 CIVIL
PJD PATRICK J. DAVIS 25087 CIVIL
SDK SHELTON D. KEISLING 13854 ELECTRICAL
DJW DAVID J. WALDRON 31220 ELECTRICAL
TMS TERRANCE M. SUPER 9250 ELECTRICAL

APPLICANT

verizon

PLANS PREPARED FOR

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APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
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SITE ADDRESS

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OTTAWA, KS 66067

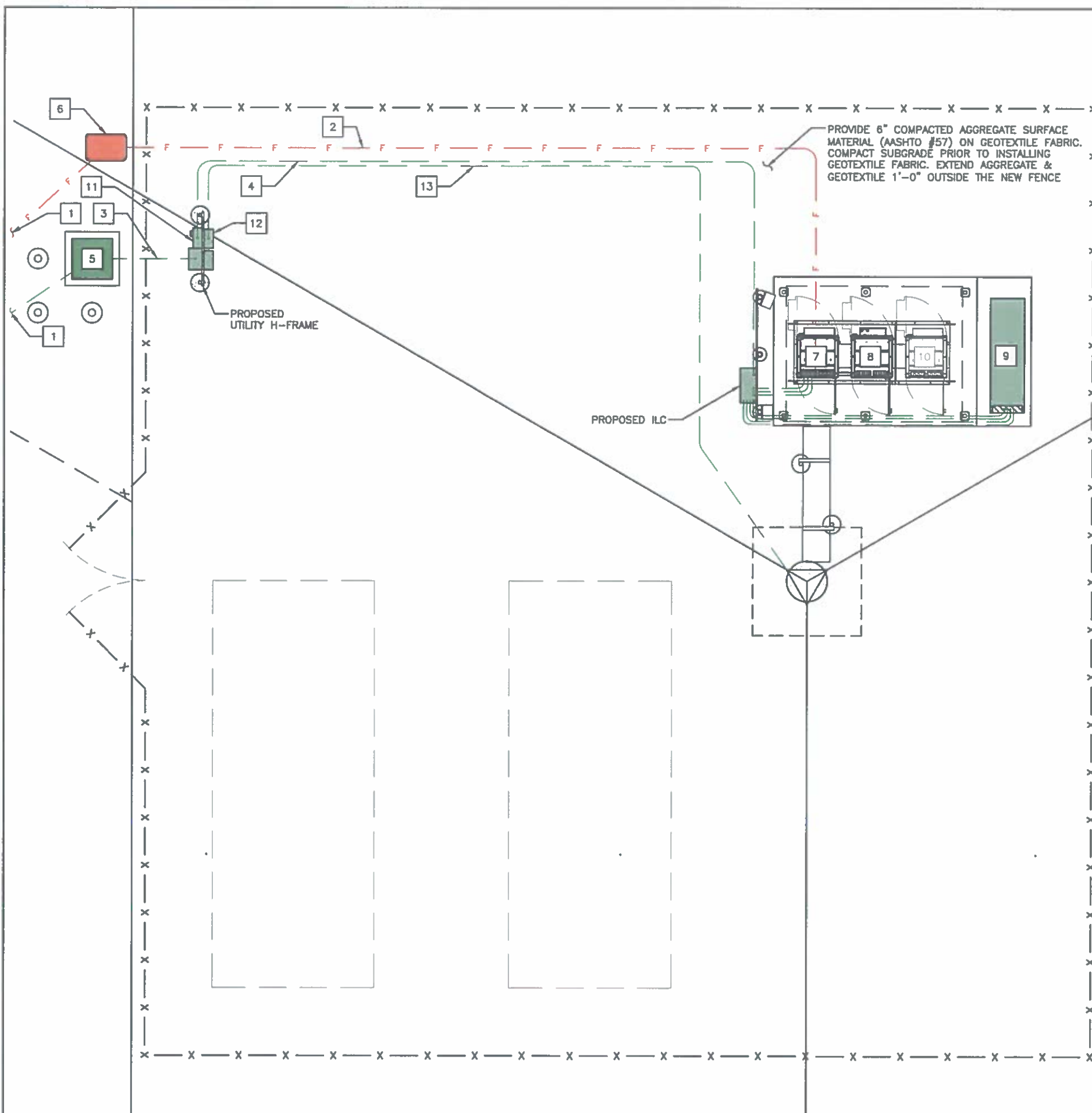
SHEET DESCRIPTION

OVERALL UTILITY PLAN

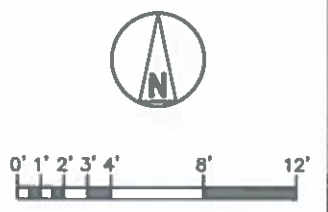
SHEET #

E-1.0

NEW VZW UTILITY EASEMENT
ACCESSIBILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/BBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES



- KEYED NOTES:**
- 1 SEE OVERALL UTILITY PLAN (SHEET E-1.0) FOR SIZES, LENGTHS & CONTINUATION OF UTILITIES.
 - 2 PROPOSED 2" CONDUIT W/ PULL ROPE AND TRACE WIRE FOR FIBER FROM TRAFFIC RATED FIBER HANDHOLE AT COMPOUND TO EQUIPMENT CABINET. (APPROX. LENGTH = 80'-0")
 - 3 PROPOSED (2) 4" CONDUITS FOR POWER FROM PAD MOUNTED TRANSFORMER TO METER CENTER ON UTILITY H-FRAME (APPROX. LENGTH = 15'-0")
 - 4 PROPOSED 2" CONDUIT W/ PULL ROPE FOR POWER FROM METER CENTER TO ILC ON UTILITY H-FRAME (APPROX. LENGTH = 75'-0")
 - 5 PROPOSED PAD MOUNTED UTILITY TRANSFORMER
 - 6 PROPOSED 3'-0"x2'-0"x2'-0" TRAFFIC RATED FIBER HANDHOLE (COVER SHALL BE STAMPED "VERIZON")
 - 7 PROPOSED EQUIPMENT CABINET
 - 8 PROPOSED BATTERY CABINET
 - 9 PROPOSED GENERATOR
 - 10 FUTURE CABINET
 - 11 PROPOSED METER CENTER
 - 12 PROPOSED TOWER LIGHTING CONTROLLER
 - 13 PROPOSED 2" CONDUIT FOR TOWER LIGHTING CABLE FROM TOWER LIGHTING CONTROLLER TO TOWER LEG (APPROX. LENGTH = 80'-0")



ENLARGED UTILITY PLAN

1/4" = 1'-0" (22"x34")
1/8" = 1'-0" (11"x17")
1

STAMP

PRELIMINARY ISSUE

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STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION # E-671
ENGINEER PE# DISCIPLINE
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CG CHRISTOPHER GIANNOTTI 25873 CIVIL
PJD PATRICK J. DAVIS 25087 CIVIL
SDK SHELTON D. KEISLING 13654 ELECTRICAL
DJW DAVID J. WALDRON 31220 ELECTRICAL
TMS TERRANCE M. SUPER #250 ELECTRICAL

APPLICANT

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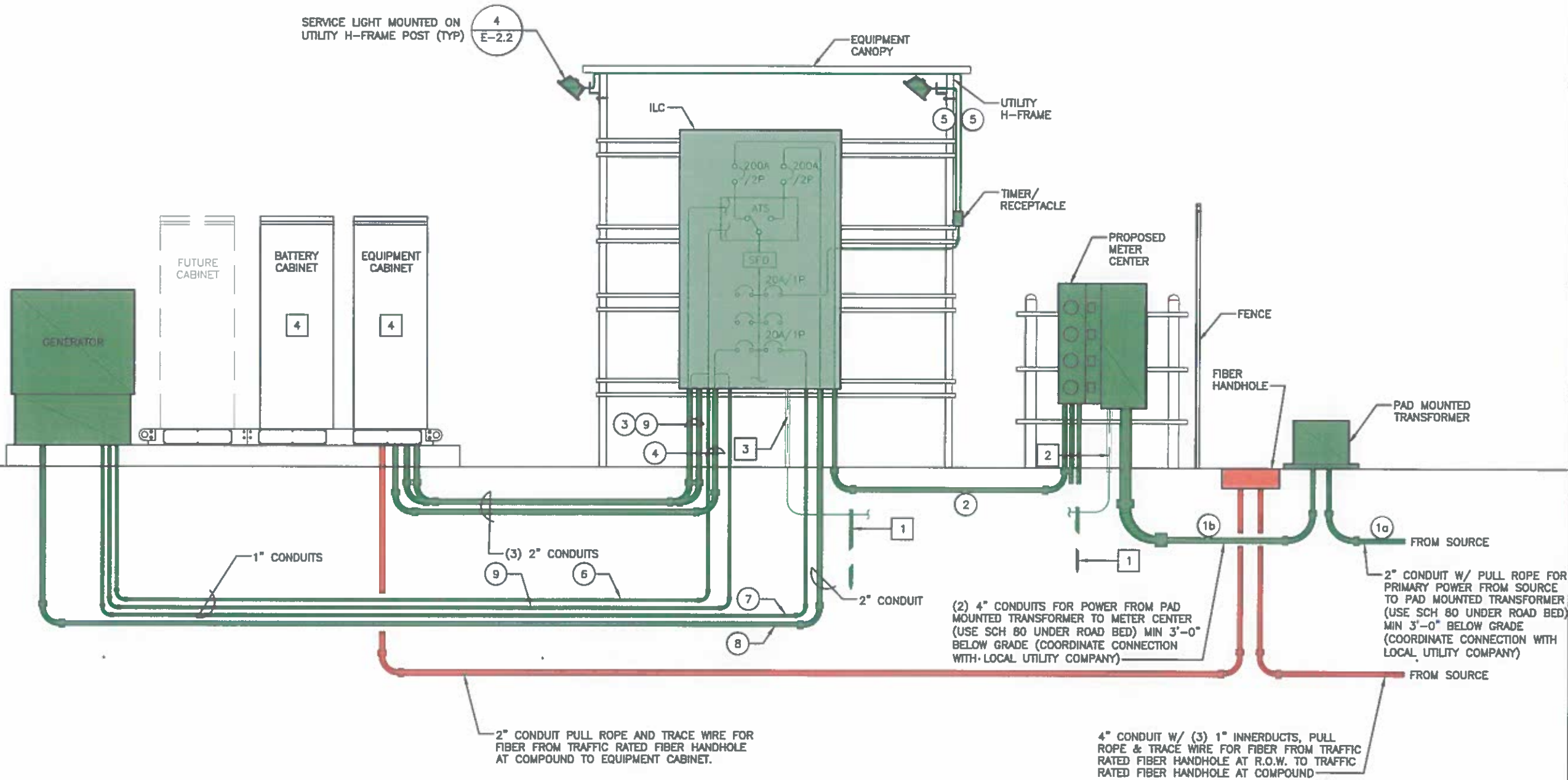
3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION	SHEET #
ENLARGED UTILITY PLAN	E-1.1

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

KEYED NOTES:

- 1 PROPOSED 3/4" x 10'-0" LONG COPPER CLAD STEEL GROUND ROD. (SEE SHEET G-4.1, DETAIL 5)
- 2 PROPOSED #2/0 STRANDED INSULATED COPPER GROUNDING ELECTRODE CONDUCTOR
- 3 PROPOSED #2 STRANDED INSULATED COPPER GROUNDING CONDUCTOR
- 4 CONTRACTOR TO PROVIDE AN AC POWER SMOKE DETECTOR (GENTEXT PART# 7100F OR EQUIVALENT) FOR EACH CABINET & (1) HIGH TEMPERATURE ALARM (GRAINGER PART# 1UHH2) FOR THE EQUIPMENT CABINET.
- SEE SHEET E-2.1 FOR CIRCUIT SCHEDULE



EQUIPMENT SHOWN ON FRONT OF H-FRAME FOR CLARITY. SEE SHEETS C-2.0 & C-3.1 FOR ACTUAL EQUIPMENT LOCATION.

UTILITY RISER DIAGRAM

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE

STATE OF KANSAS

PE CERTIFICATE OF AUTHORIZATION # E-571

ENGINEER	PE#	DISCIPLINE
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PJD PATRICK J. DAVIS	25087	CIVIL
BDK SHELTON D. KEISLING	13454	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	9250	ELECTRICAL

APPLICANT

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OTTAWA, KS 66067

SHEET DESCRIPTION	SHEET #
UTILITY RISER DIAGRAM	E-2.0

COMMON VERIZON WIRELESS DC PLAN RECTIFIER REQUIREMENTS

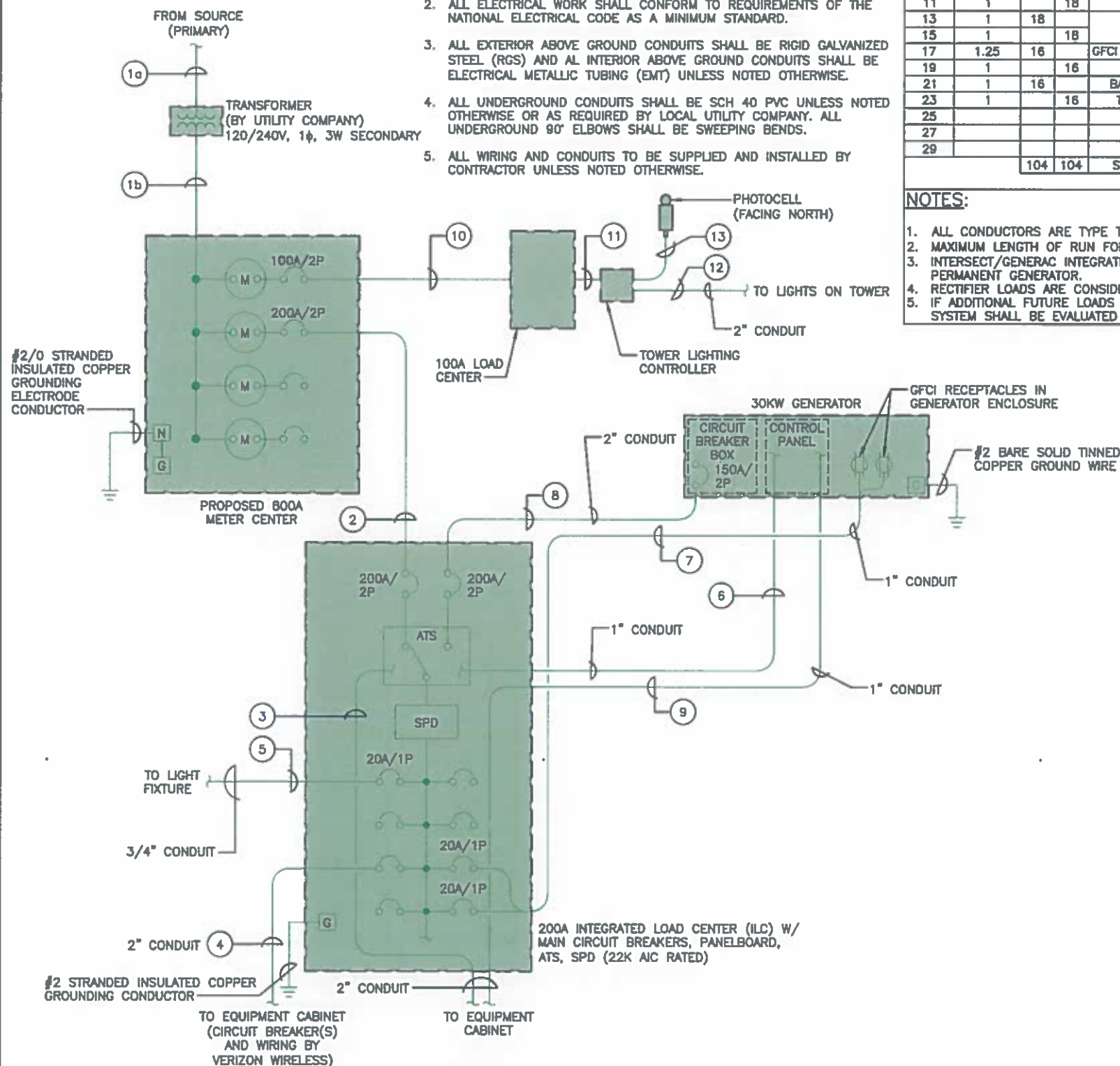
RECTIFIER	INPUT FLA CURRENT AT 240V AC (EACH RECTIFIER)	2 RECTIFIER/BRANCH CIRCUIT ALTERNATE APPROACH	1 RECTIFIER/BRANCH CIRCUIT ALTERNATE APPROACH
VERITIV 3500W (R48-2000e3 OR SIM)	15.5 AMPS	40A/2P (OR 45A/2P) #8 THHN	30A/2P #10 THHN
GE 75A (NE075AC48xxx OR SIM)	22 AMPS (MAX)	60A/2P #8 THHN	30A/2P #6 THHN
OTHER - COORDINATE W/ VENDOR	REFER TO CUT SHEET	REFER TO CUT SHEET	REFER TO CUT SHEET

LOAD CALCULATIONS

LOAD	AMPS
PROPOSED LOAD	140.0
TOTAL DEMAND	140.0
VOLTAGE: 120/240V, 1 ϕ , 3W, 200A	

GENERAL NOTES:

- SEE SHEET GN-1.0 FOR LEGEND.
- ALL ELECTRICAL WORK SHALL CONFORM TO REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AS A MINIMUM STANDARD.
- ALL EXTERIOR ABOVE GROUND CONDUITS SHALL BE RIGID GALVANIZED STEEL (RGS) AND ALL INTERIOR ABOVE GROUND CONDUITS SHALL BE ELECTRICAL METALLIC TUBING (EMT) UNLESS NOTED OTHERWISE.
- ALL UNDERGROUND CONDUITS SHALL BE SCH 40 PVC UNLESS NOTED OTHERWISE OR AS REQUIRED BY LOCAL UTILITY COMPANY. ALL UNDERGROUND 90° ELBOWS SHALL BE SWEEPING BENDS.
- ALL WIRING AND CONDUITS TO BE SUPPLIED AND INSTALLED BY CONTRACTOR UNLESS NOTED OTHERWISE.



PANEL SCHEDULE

PANEL NAME:		VZW ILC				MODEL #:		INTERSECT AA300G-1PH-3R								
RATED VOLTAGE:		240/120 VOLTS				PHASE/WIRE:		1		3						
MAIN BREAKER:		200 AMPS				BUS RATING:		200		KEY DOOR HATCH:		YES				
MOUNT:		SURFACE				NEUTRAL BAR:		YES		HINGED DOOR:		YES				
ENCLOSURE TYPE:		NEMA 3R				AIC:		85K								
POS	USAGE FACTOR	BUS AMPS		LOAD		POLES	AMPS	L1	L2	AMPS	POLES	LOAD	BUS AMPS		USAGE FACTOR	POS
		L1	L2										L2	L1		
1	1	18		RECTIFIER	2	30A			30A	2		FUTURE RECTIFIER	18		1	2
3	1		18													
5	1	18		RECTIFIER	2	30A			30A	2		FUTURE RECTIFIER	18		1	6
7	1		18													
9	1	18		RECTIFIER	2	30A										10
11	1		18													
13	1	18		RECTIFIER	2	30A										14
15	1		18													
17	1.25	16		GFCI RECEPTACLE/LIGHT	1	20A										18
19	1		16	BLOCK HEATER	1	20A										20
21	1	16		BATTERY CHARGER	1	20A										22
23	1		16	TOWER LIGHTING	1	20A										24
25																26
27																28
29																30
		104	104	SUB TOTAL AMPS								SUB TOTAL AMPS		36	36	
												FACTORED TOTAL AMPS		140	140	

NOTES:

- ALL CONDUCTORS ARE TYPE THWN (75°C) COPPER.
- MAXIMUM LENGTH OF RUN FOR RECTIFIER CIRCUIT IS 50'-0".
- INTERSECT/GENERAC INTEGRATED LOAD CENTER INCLUDES 200A MAIN DISCONNECT & TRANSFER SWITCH FOR PORTABLE OR PERMANENT GENERATOR.
- RECTIFIER LOADS ARE CONSIDERED TO BE NON-CONTINUOUS.
- IF ADDITIONAL FUTURE LOADS ARE ADDED WHICH CAUSE TOTAL DEMAND TO EXCEED GENERATOR BREAKER SIZE, BACKUP POWER SYSTEM SHALL BE EVALUATED & UPGRADED AS NECESSARY.

CIRCUIT SCHEDULE

NO.	FROM	TO	CONFIGURATION	FUNCTION
1a	SOURCE	TRANSFORMER	2" C (CONDUCTORS BY UTILITY COMPANY)	PRIMARY
1b	TRANSFORMER	METER CENTER	(2) SETS OF 3-500 KCMIL, EACH IN 4" C	SERVICE LATERAL
2	METER CENTER	ILC	3#3/0, 1#8G, 2" C	NORMAL POWER FEEDER TO ILC
3	ILC	EQUIPMENT CABINET	(2) CAT5 CABLES	ATS STATUS AND ALARM WIRING CATS - TRANSFER (SWITCH) COMPLETE - UTILITY FAIL, SPD FAIL
4	ILC	EQUIPMENT CABINET	FURNISHED BY VERIZON WIRELESS	POWER FEEDERS TO EQUIPMENT CABINET
5	ILC	LIGHT FIXTURE VIA TIMER & RECEPTACLE	2#12, 1#12G	POWER CIRCUIT TO LIGHT FIXTURES & RECEPTACLE
6	ILC	GENERATOR	2#14, 1#14G	GENERATOR START CIRCUIT
7	ILC	GFCI RECEPTACLES IN GENERATOR	4#12, 1#12G	AUXILIARY GENERATOR LOADS (BATTERY CHARGER & JACKET WATER HEATER)
8	GENERATOR	ILC	3#3/0, 1#6G	EMERGENCY POWER FEEDER TO ATS
9	GENERATOR	EQUIPMENT CABINET (VIA ILC)	(2) CAT 5 CABLES	GENERATOR STATUS & ALARM WIRING
10	METER CENTER	LOAD CENTER	3#2, 1#8G, 2" C	NORMAL POWER FEEDER TO LOAD CENTER
11	LOAD CENTER	TOWER LIGHTING CONTROLLER	PER MANUFACTURER'S REQUIREMENTS	POWER CIRCUIT TO LIGHTING CONTROLLER
12	TOWER LIGHTING CONTROLLER	TOWER LIGHTS	SOOW CABLE, 2" C	POWER WIRING TO TOWER LIGHTS
13	TOWER LIGHTING CONTROLLER	PHOTOCELL	PER MANUFACTURER'S REQUIREMENTS	PHOTOCELL WIRING

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-671			
ENGINEER	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	
REJ ROBERT E. JENSEN	18096	CIVIL	
CO CHRISTOPHER GUANNOTTI	28673	CIVIL	
PJD PATRICK J. DAVIS	25087	CIVIL	
SDK SHELTON D. KEISLING	13654	ELECTRICAL	
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT

verizon

PLANS PREPARED FOR



PLANS PREPARED BY



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APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

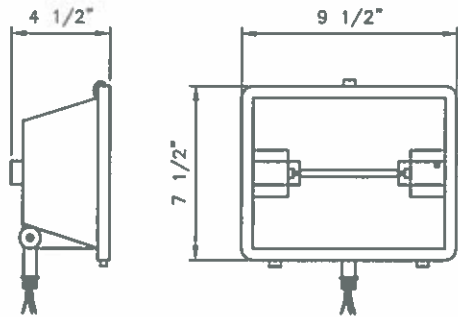
SHEET DESCRIPTION

ELECTRICAL
ONE-LINE
DIAGRAM

SHEET #

E-2.1

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES



SERVICE LIGHT TO BE MOUNTED ON UTILITY H-FRAME POST AS HIGH AS POSSIBLE & AIMED TOWARDS EQUIPMENT (TYP OF 2)

CONTRACTOR TO SUPPLY CLIP ANGLE MOUNT (AS REQUIRED)

U-BOLT

3/4" CONDUIT

UTILITY RACK POST

JUNCTION BOX FOR BRANCHING TO OTHER SERVICE LIGHT LOCATION(S)

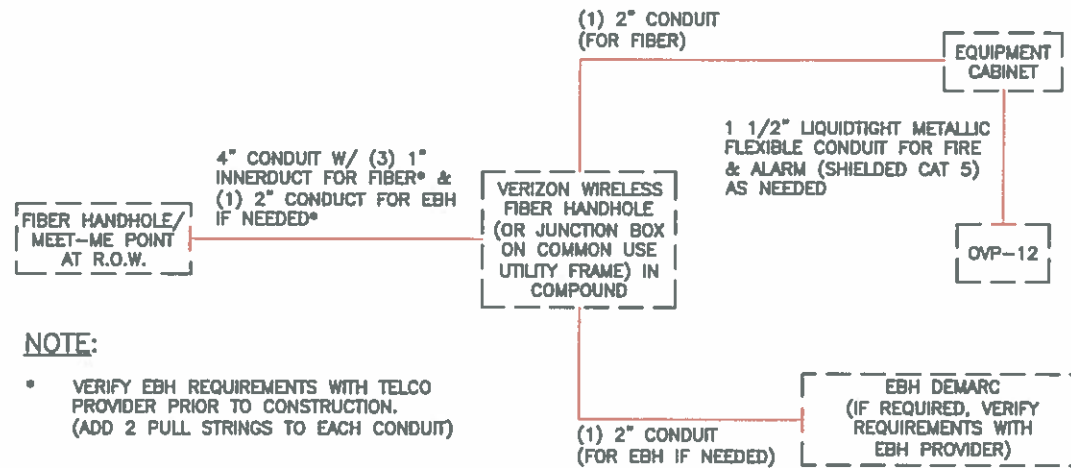
20A, 120V, 1P, 2-HOUR SPRING WOUND TIMER SWITCH (INTERMATIC, INC. MODEL# FF2H OR EQUIVALENT) FOR SERVICE LIGHTS & DUPLEX RECEPTACLE W/ WEATHERPROOF COVER MOUNTED @ 4'-0" (MIN) ABOVE FINISHED GRADE (FIELD DETERMINE BEST MOUNTING LOCATION)

NOTES:

1. LIGHT TO BE MOUNTED PER LOCATION REGULATIONS & SHALL NOT SHINE DIRECTLY OUTSIDE OF COMPOUND.
2. CONTRACTOR TO INSTALL EACH PIECE OF EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS.

SERVICE LIGHT DETAIL

4

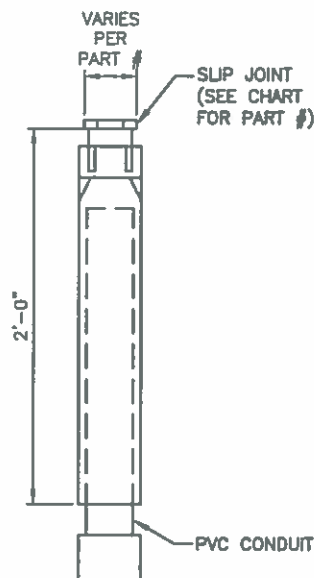


NOTE:

- VERIFY EBH REQUIREMENTS WITH TELCO PROVIDER PRIOR TO CONSTRUCTION. (ADD 2 PULL STRINGS TO EACH CONDUIT)

FIBER ONE-LINE DIAGRAM

1



CARLON EXPANSION FITTINGS				
COUPLING END PART #	MALE TERMINAL ADAPTER END PART #	SIZE	STD. CTN. QTY.	TRAVEL LENGTH
E945D	E945DX	1/2"	20	4"
E945E	E945EX	3/4"	15	4"
E945F	E945FX	1"	10	4"
E945G	E945GX	1 1/4"	5	4"
E945H	E945HX	1 1/2"	5	4"
E945J	E945JX	2"	15	8"
E945K	E945KX	2 1/2"	10	8"
E945L	E945LX	3"	10	8"
E945M	E945MX	3 1/2"	5	8"
E945N	E945NX	4"	5	8"
E945P	E945PX	5"	1	8"
E945R	E945RX	6"	1	8"

SLIP JOINT DETAIL

3

DETAIL NOT USED

2

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE

STATE OF KANSAS

PE CERTIFICATE OF AUTHORIZATION # E-571

ENGINEER	PE#	DISCIPLINE
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SDK SHELTON D. KEISLING	13854	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	9250	ELECTRICAL

APPLICANT

verizon

PLANS PREPARED FOR

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STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

FIBER ONE-LINE
DIAGRAM &
UTILITY DETAILS

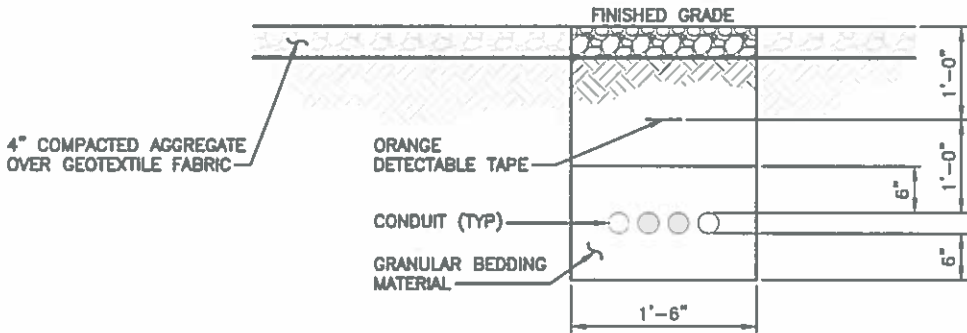
SHEET #

E-2.2

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/BBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

NOTES:

1. SEE SHEET E-1.1 FOR ORIENTATION & CONTINUATION OF CONDUITS.
2. TRENCH, INSTALL CONDUITS & COMPACT SOIL PRIOR TO CONSTRUCTING CONCRETE EQUIPMENT PAD.
3. DO NOT OVER EXCAVATE TRENCHES. KEEP WIDTH TO A MINIMUM.
4. BACKFILL BY PLACING, AND COMPACTING, SUITABLE BACKFILL MATERIAL OR SELECT GRANULAR BACKFILL MATERIAL. THE FILL MATERIAL SHALL BE PLACED IN LIFTS NOT TO EXCEED 4" IN LOOSE DEPTH, & COMPACTED WITH HAND OPERATED COMPACTORS.
5. COMPACT EACH LAYER OF BACKFILL TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE STANDARD PROCTOR TEST, ASTM D 698.
6. ALL CONDUITS ARE 2" PVC, UNLESS NOTED OTHERWISE.
7. CONTRACTOR SHALL INSTALL SLIP JOINTS ON ALL CONDUITS AS REQUIRED. (SEE SHEET E-2.2, DETAIL 3).
8. TRACE WIRE SHALL BE INSTALLED IN TRENCH WITH THE FIBER CONDUIT.

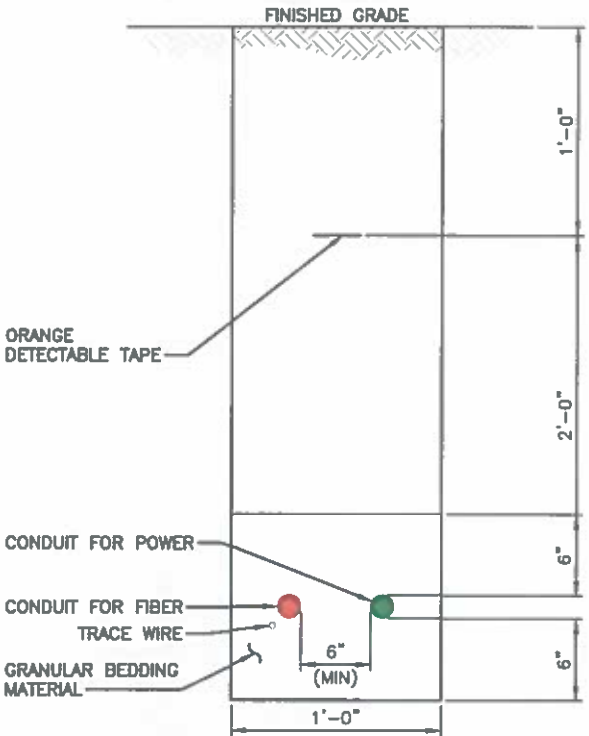


TRENCH DETAIL (SITE)

3

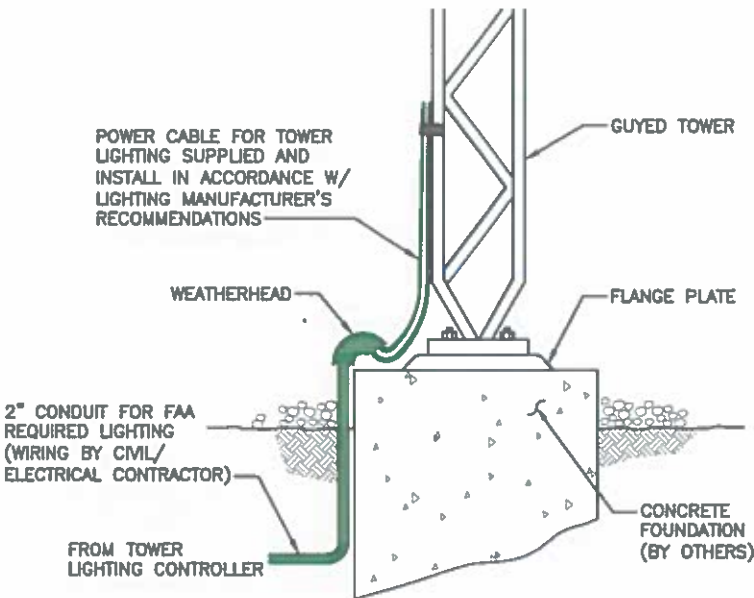
NOTES:

1. SEE SHEET E-1.0 FOR SIZES, LENGTHS & QUANTITY OF UTILITIES.
2. COMMUNICATION AND POWER CONDUITS MAY BE RUN IN SEPARATE TRENCHES. CONDUITS SHALL MAINTAIN 6" MINIMUM SEPARATION.
3. TRACE WIRE SHALL BE INSTALLED IN TRENCH WITH THE FIBER CONDUIT.



TRENCH DETAIL (INCOMING)

1



TOWER LIGHTING CONDUIT DETAIL

4

DETAIL NOT USED

2

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE

STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION #E-571
ENGINEER P.E. DISCIPLINE
KMY KEVIN M. VANMAELE 22105 CIVIL
REJ ROBERT E. JENSEN 18096 CIVIL
CG CHRISTOPHER GIANNOTTI 28873 CIVIL
PJD PATRICK J. DAVIS 25087 CIVIL
SDK SHELTON D. KEISLING 13854 ELECTRICAL
DJW DAVID J. WALDRON 31220 ELECTRICAL
TMS TERRANCE M. SUPER 9250 ELECTRICAL

APPLICANT

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PLANS PREPARED FOR

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APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

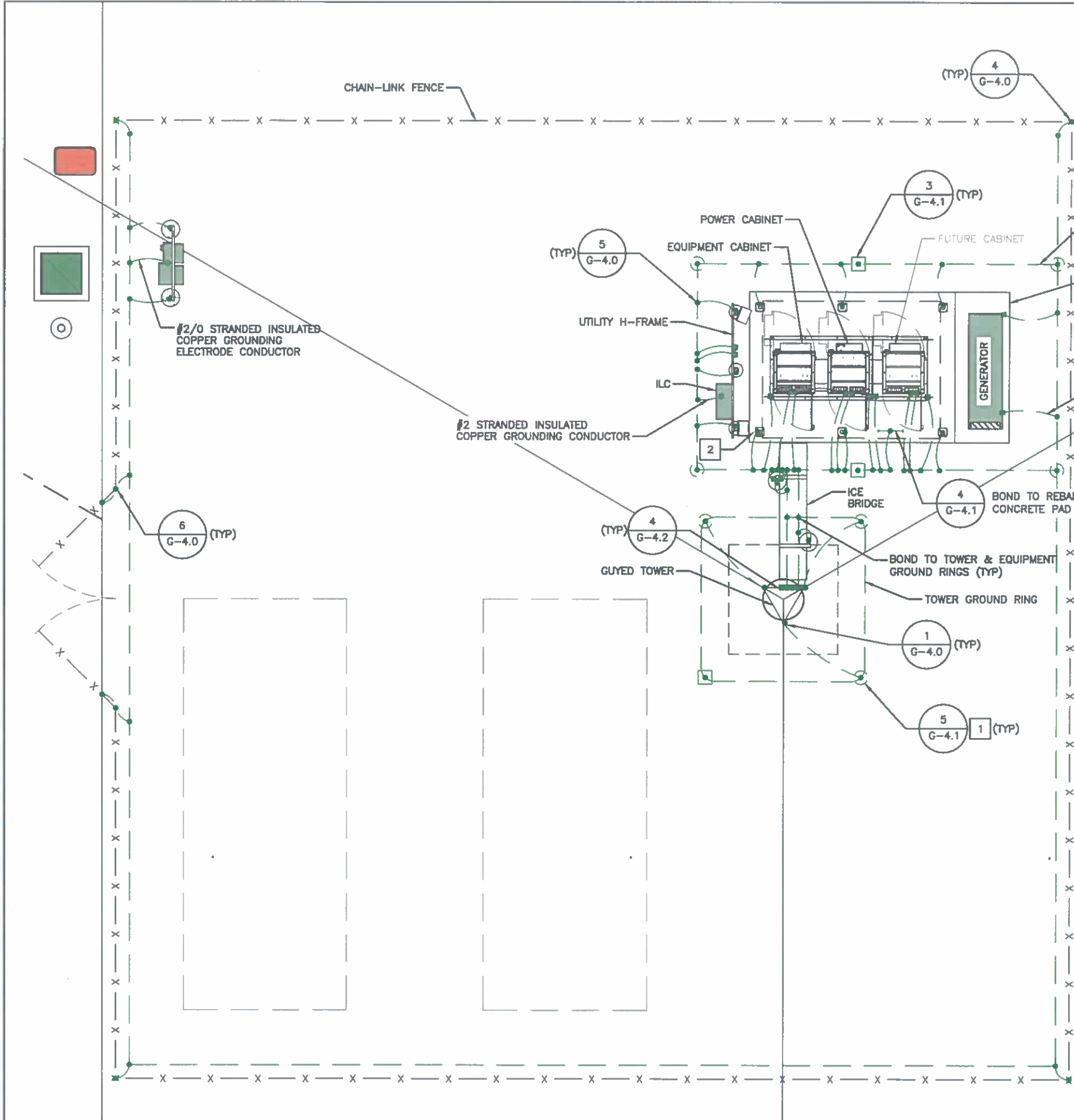
SHEET DESCRIPTION

UTILITY
DETAILS

SHEET #

E-2.3

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

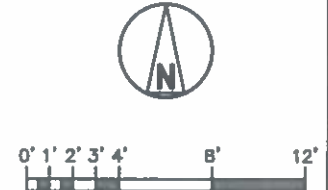


KEYED NOTES:

- 1 ALL GROUND RODS SHALL BE SPACED AT 8'-0" (MIN) TO 15'-0" (MAX) AROUND PERIMETER OF EQUIPMENT.
- 2 MOUNT AND BOND GPS ANTENNA TO CANOPY POST.
- 3 FENCE POSTS WITHIN 6'-0" OF A GROUNDED STRUCTURE OR GROUNDED EQUIPMENT SHALL BE BONDED TO THE GROUND RING.

NOTE:

SEE SHEET GN-1.0 FOR LEGEND.



COMPOUND GROUNDING PLAN

1/4" = 1'-0" (22"x34")
1/8" = 1'-0" (11"x17")

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE
STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION # E-671

ENGINEER	PE#	DISCIPLINE
KMV KEVIN M. VANMAELE	22105	CIVIL
REJ ROBERT E. JENSEN	16096	CIVIL
CGJ CHRISTOPHER GARNOTTI	28873	CIVIL
PJD PATRICK J. DAVIS	25067	CIVIL
SDK SHELTON D. KEISLING	13654	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	9250	ELECTRICAL

APPLICANT

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STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

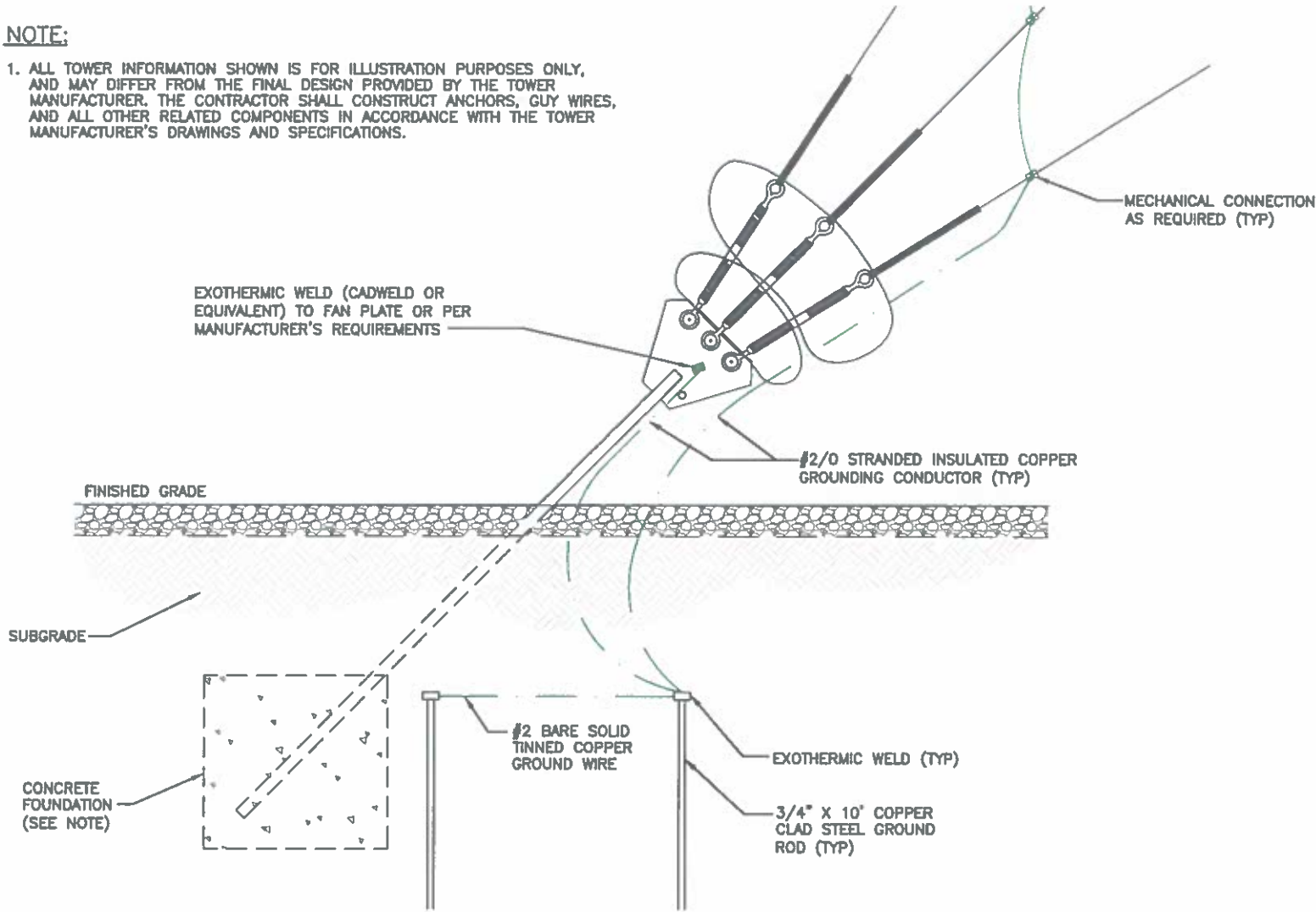
3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION	SHEET #
COMPOUND GROUNDING PLAN	G-1.0

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

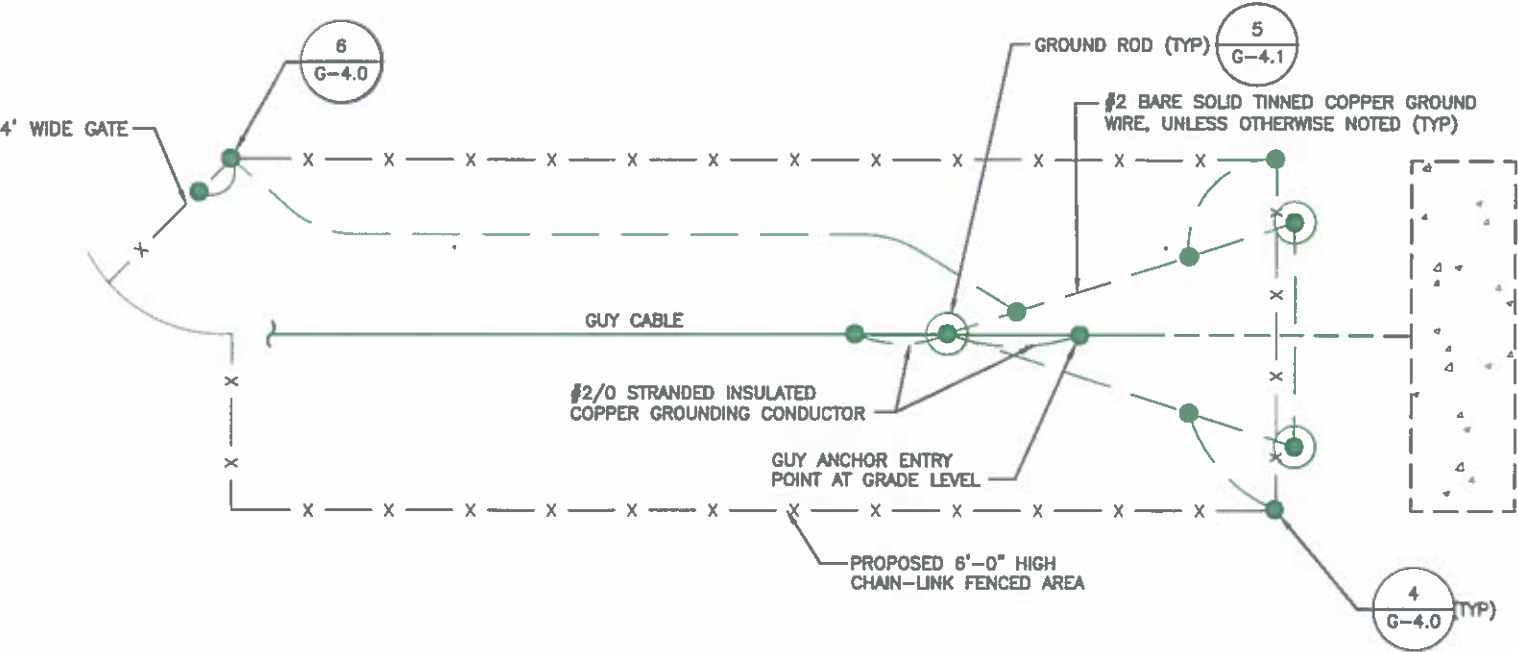
NOTE:

1. ALL TOWER INFORMATION SHOWN IS FOR ILLUSTRATION PURPOSES ONLY, AND MAY DIFFER FROM THE FINAL DESIGN PROVIDED BY THE TOWER MANUFACTURER. THE CONTRACTOR SHALL CONSTRUCT ANCHORS, GUY WIRES, AND ALL OTHER RELATED COMPONENTS IN ACCORDANCE WITH THE TOWER MANUFACTURER'S DRAWINGS AND SPECIFICATIONS.



GUY ANCHOR GROUNDING ELEVATION

2



GUY ANCHOR GROUNDING PLAN

4

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE

STATE OF KANSAS

PE CERTIFICATE OF AUTHORIZATION # E-571

ENGINEER	PE#	DISCIPLINE
KMV KEVIN M. VANMAELE	22105	CIVIL
REJ ROBERT E. JENSEN	16096	CIVIL
CG CHRISTOPHER CIANNOTTI	28673	CIVIL
PJD PATRICK J. DAVIS	25087	CIVIL
SDK SHELTON D. KEISLING	13654	ELECTRICAL
DJW DAVID J. WALDRON	31220	ELECTRICAL
TMS TERRANCE M. SUPER	9250	ELECTRICAL

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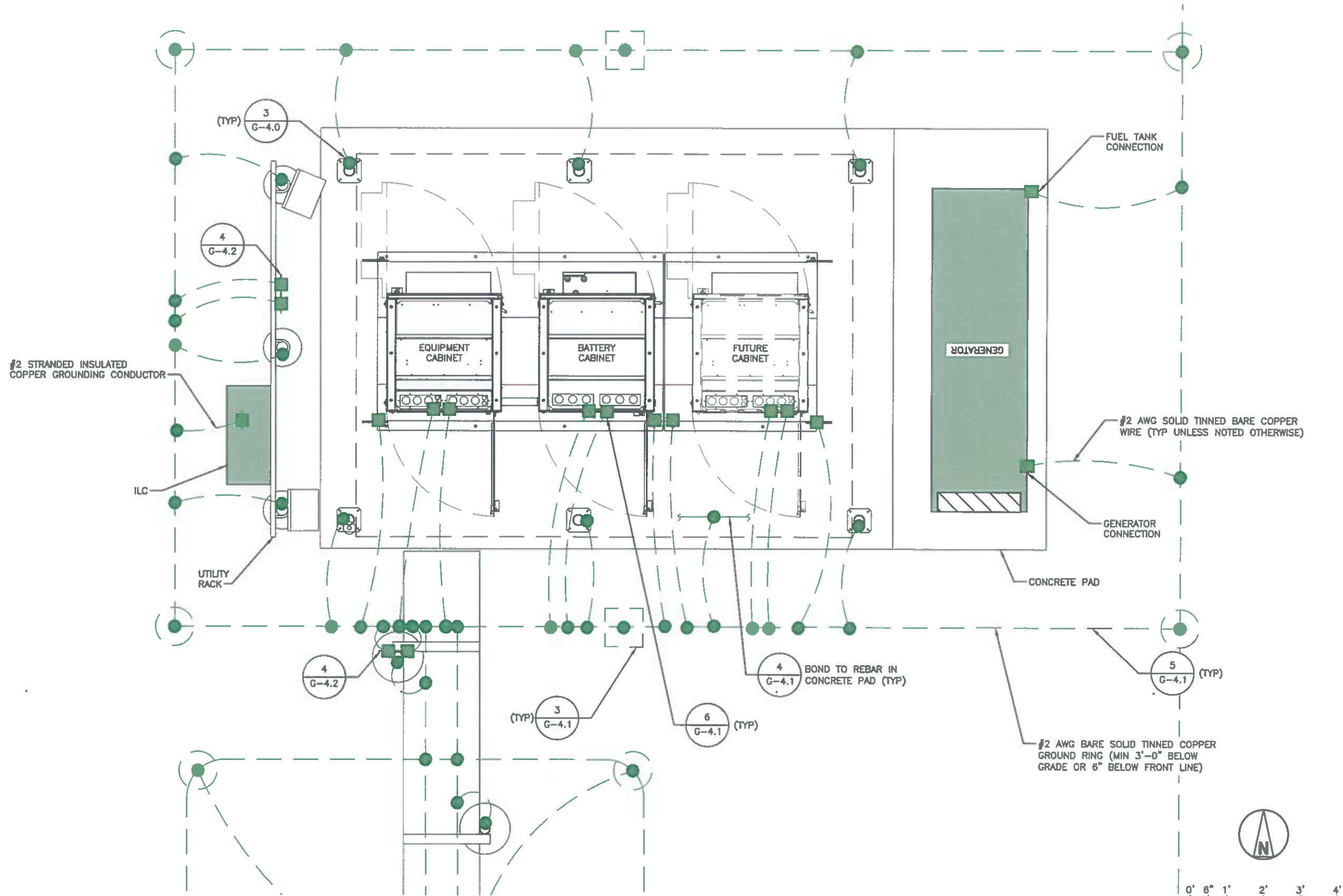
MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION	SHEET #
GUY WIRE GROUNDING DETAIL	G-1.1

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBSU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES



EQUIPMENT GROUNDING LAYOUT

3/4" = 1'-0" (22"x34")
3/8" = 1'-0" (11"x17")

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE
STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION # E-571

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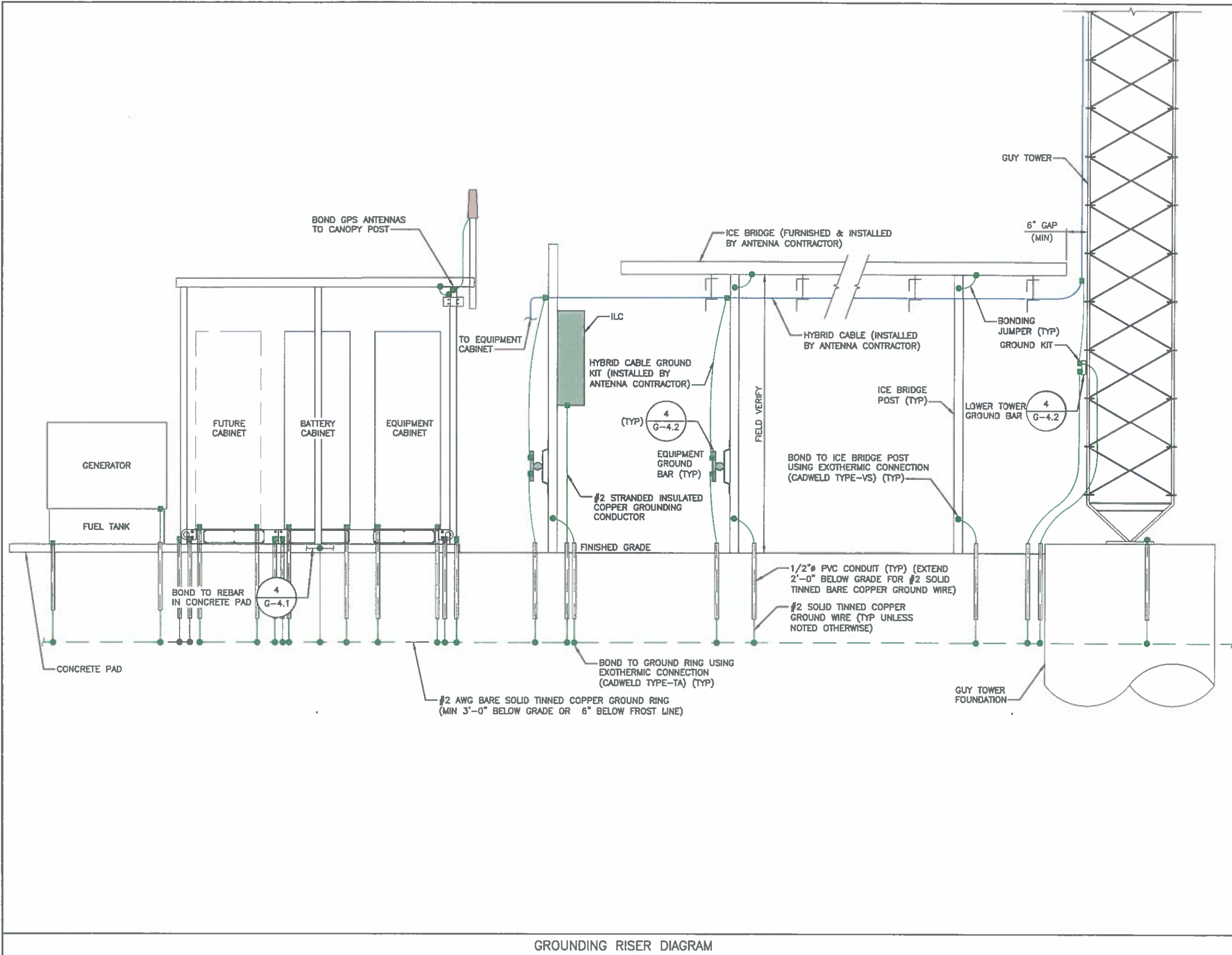
MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION	SHEET #
EQUIPMENT GROUNDING LAYOUT	G-2.0

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/BBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES



GROUNDING RISER DIAGRAM

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE

STATE OF KANSAS

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OTTAWA, KS 66067

SHEET DESCRIPTION	SHEET #
GROUNDING RISER DIAGRAM	G-3.0

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

NOTE:

ALL TYPE CLASSIFICATIONS ARE CADWELD.



TYPE SS



TYPE TA



TYPE HS



TYPE PT



TYPE GT



TYPE HA



TYPE GR



TYPE XA



TYPE GL LUG



TYPE VS

EXOTHERMIC CONNECTION DETAILS

5

POST GROUNDING DETAIL

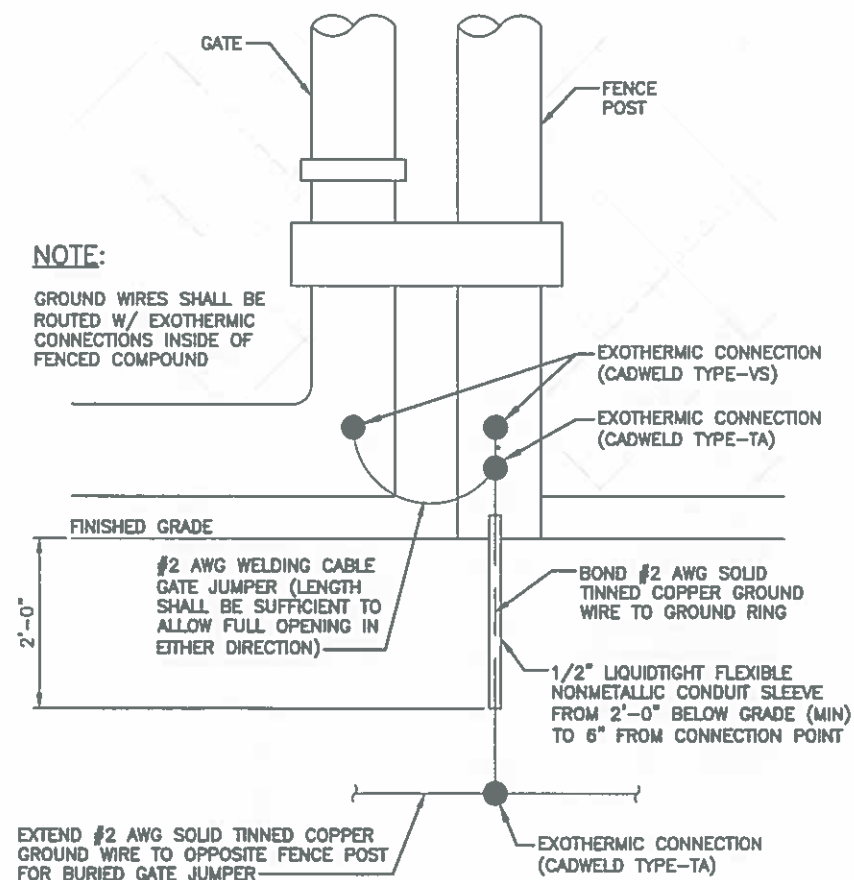
3

TOWER GROUNDING DETAIL

1

NOTE:

GROUND WIRES SHALL BE ROUTED W/ EXOTHERMIC CONNECTIONS INSIDE OF FENCED COMPOUND

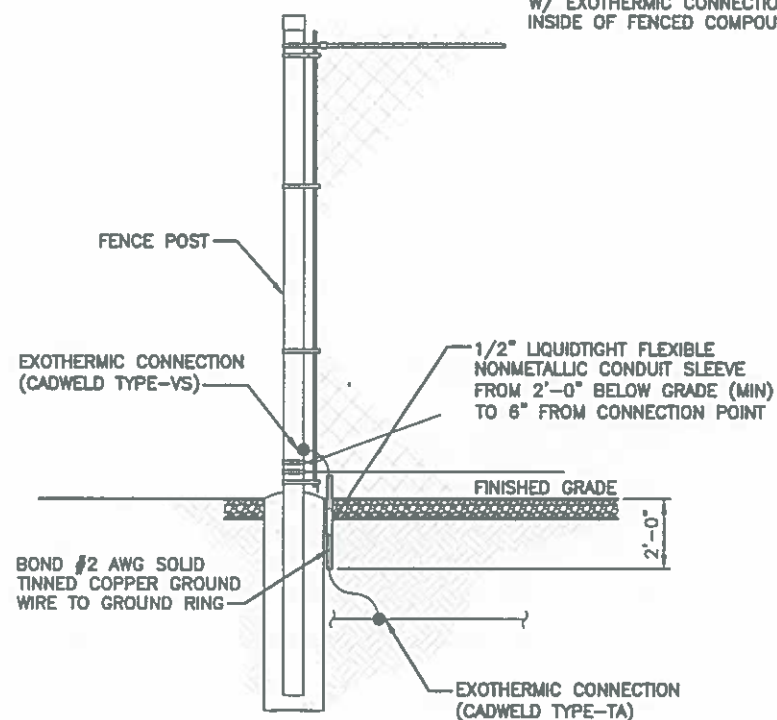


FENCE GATE GROUNDING DETAIL

6

NOTE:

GROUND WIRES SHALL BE ROUTED W/ EXOTHERMIC CONNECTIONS INSIDE OF FENCED COMPOUND



FENCE POST GROUNDING DETAIL

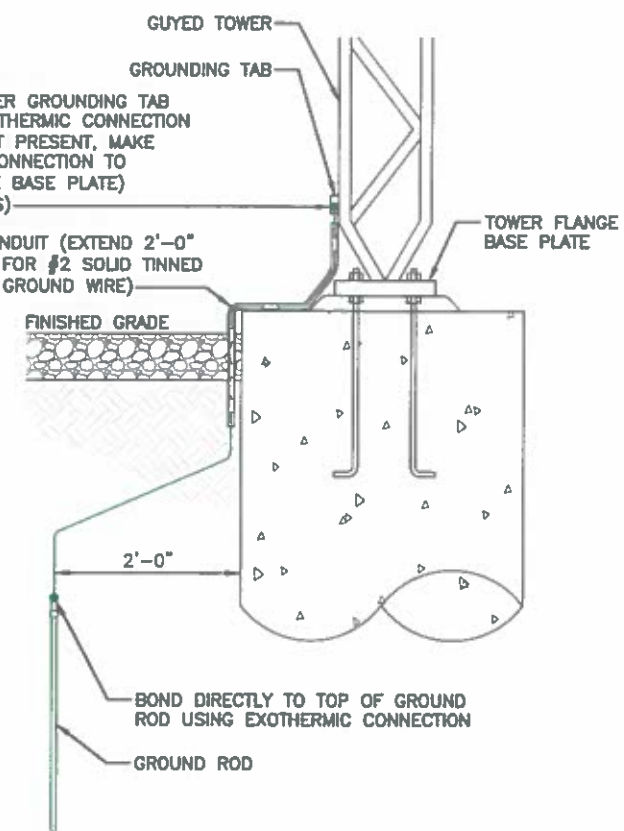
4

DETAIL NOT USED

2

BOND TO TOWER GROUNDING TAB USING AN EXOTHERMIC CONNECTION (IF TAB IS NOT PRESENT, MAKE EXOTHERMIC CONNECTION TO TOWER FLANGE BASE PLATE) (TYP 3 PLACES)

1/2" PVC CONDUIT (EXTEND 2'-0" BELOW GRADE FOR #2 SOLID TINNED BARE COPPER GROUND WIRE)



STAMP

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CG CHRISTOPHER GUANNOTTI	28673	CIVIL	
PJD PATRICK J. DAVIS	25067	CIVIL	
SDK SHELTON D. KEISLING	13654	ELECTRICAL	
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT

verizon

PLANS PREPARED FOR:



PLANS PREPARED BY:



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SUBMITTALS	DESCRIPTION	DATE	BY	REV
ISSUED FOR REVIEW		09/30/25	AWD	A
REISSUED PER CLIENT COMMENTS		11/04/25	AWD	B

MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

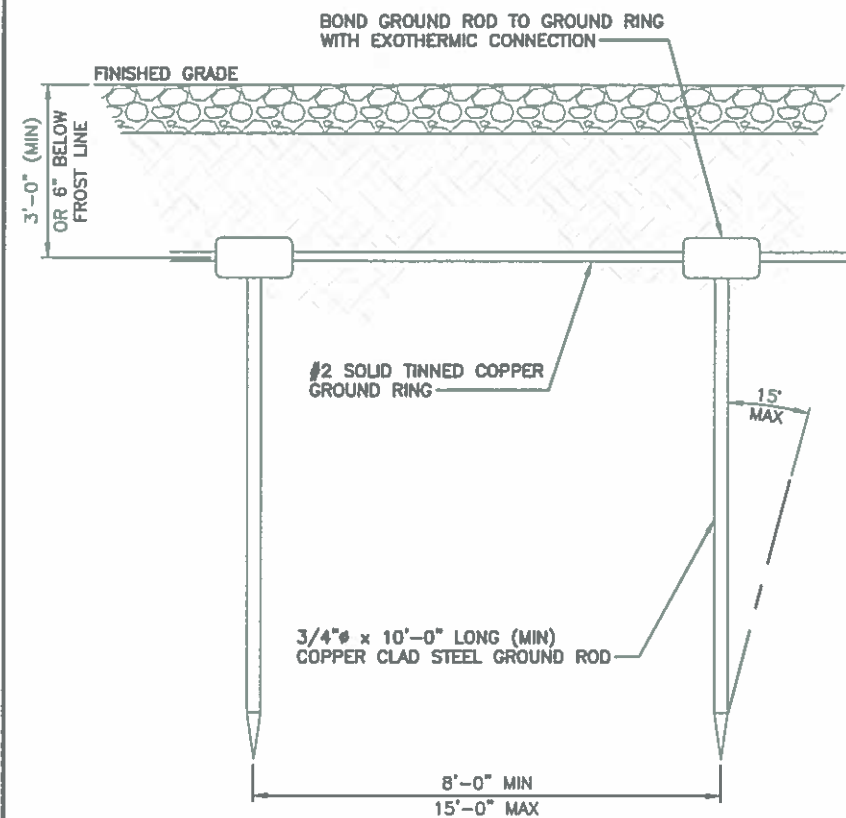
3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

GROUNDING
DETAILS
(1 OF 3)

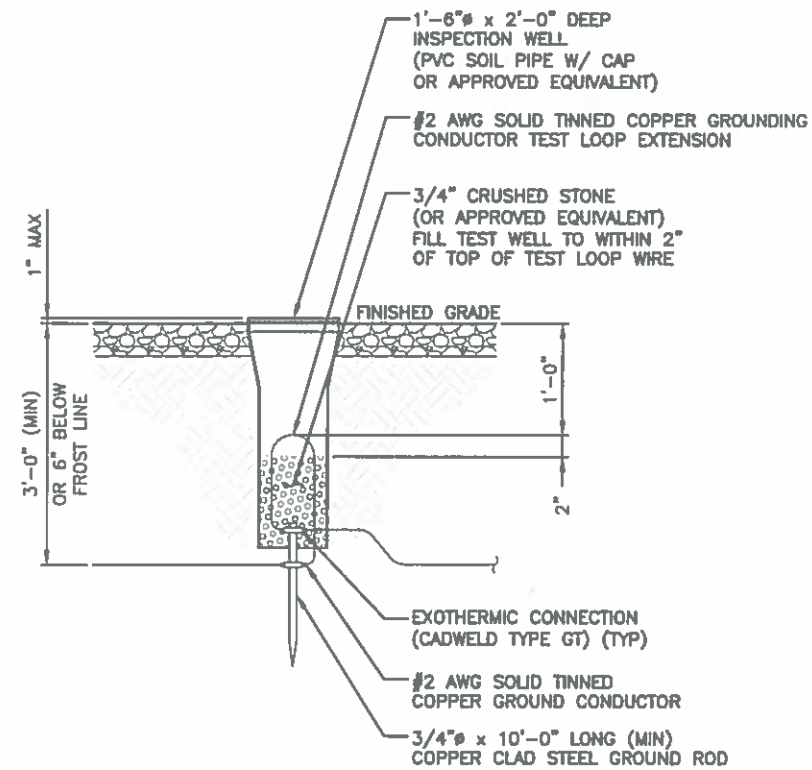
SHEET #

G-4.0



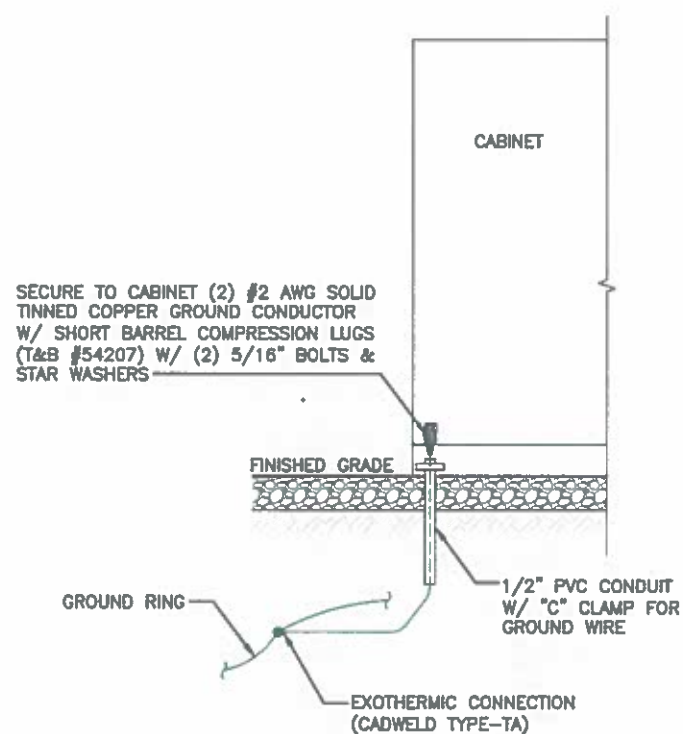
GROUND RING DETAIL

5



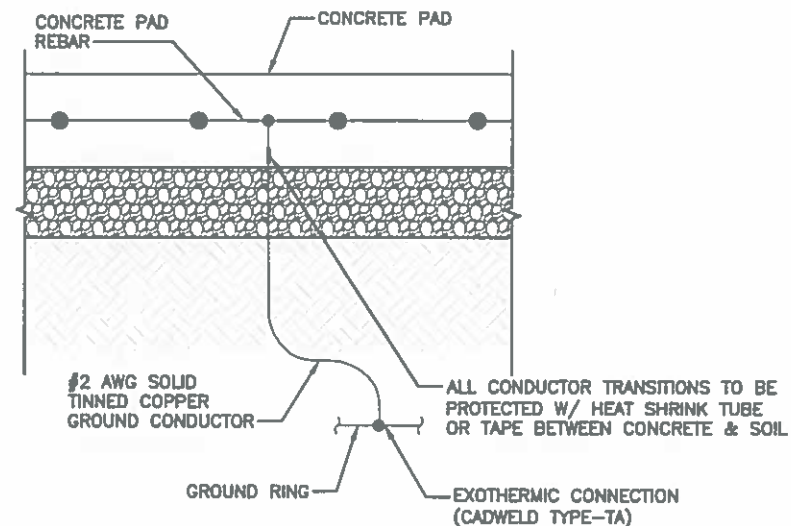
INSPECTION/TEST WELL DETAIL

3



CABINET GROUNDING DETAIL

6



CONCRETE PAD GROUNDING DETAIL

4

STAMP:

PRELIMINARY ISSUE

ENGINEERING LICENSE	
STATE OF <u>KANSAS</u>	
PE CERTIFICATE OF AUTHORIZATION # E-571	
ENGINEER	PE# DISCIPLINE
KMV KEVIN M. VANMAELE	227105 CIVIL
REJ ROBERT E. JEWELL	16095 CIVIL
CG CHRISTOPHER GIANNOTTI	25673 CIVIL
PJD PATRICK J. DAVIS	255087 CIVIL
5DK SHELTON D. KEISLING	31854 ELECTRICAL
DAU DAVID J. JEROME	31220 ELECTRICAL
TMS TERRANCE M. SUPER	02550 ELECTRICAL

APPLICANT



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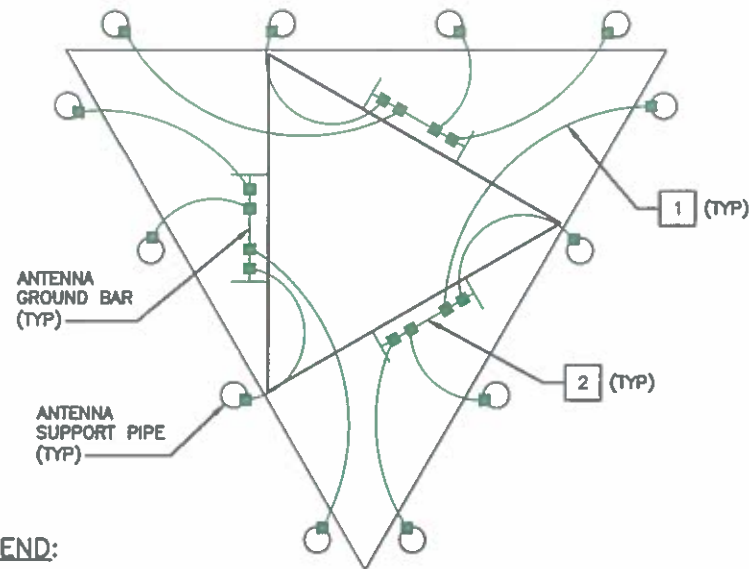
SHEET DESCRIPTION

GROUNDING DETAILS (2 OF 3)

SHEET # _____

G-4.1

NEW VZW UTILITY EASEMENT
ACCESS/UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/HBBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES



LEGEND:
■ MECHANICAL COMPRESSION CONNECTION

KEYED NOTES:

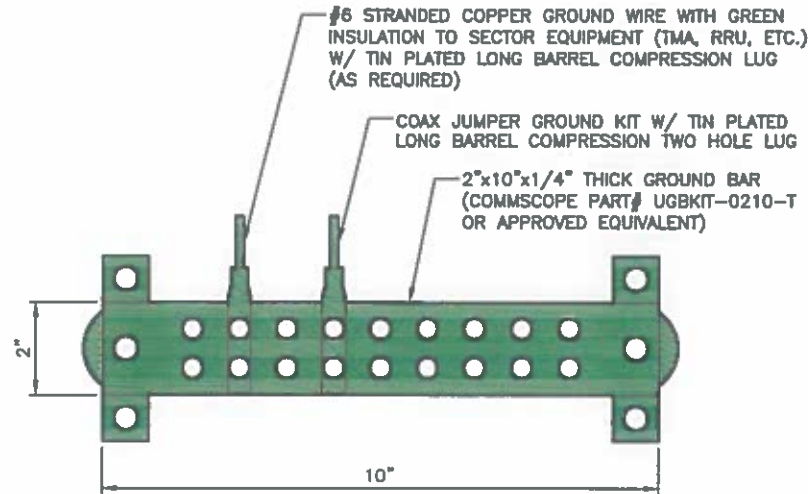
- 1 ANTENNA PIPE GROUND KIT WIRES.
2 MOUNT TOWER GROUND BAR DIRECTLY TO TOWER WITHOUT ISOLATION BUSHINGS. CONTRACTOR TO REMOVE TOWER GALVANIZED COATING WHERE GROUND BAR COMES INTO CONTACT WITH TOWER. FURNISH AND INSTALL COLD GALVANIZING TO TOWER AND GROUND BAR CLAMPS AFTER INSTALLATION.

ANTENNA GROUNDING DIAGRAM

5

NOTES:

1. ALL HARDWARE SHALL BE 18-8 STAINLESS STEEL INCLUDING BELLEVILLE WASHERS, COAT ALL SURFACES WITH KOPR-SHIELD BEFORE MATING.
2. STEEL BONDING ONLY: INSERT A TOOTH WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH KOPR-SHIELD.
3. USE A THIN COAT OF ANTI-CORROSION GREASE AT THESE CONNECTIONS.
4. INSTALL WITHIN 12" OF END OF COAX TO COAX JUMPER CONNECTION.
5. DIMPLE OR MECHANICAL CRIMP LUGS WILL NOT BE PERMITTED.



ANTENNA GROUND BAR DETAIL

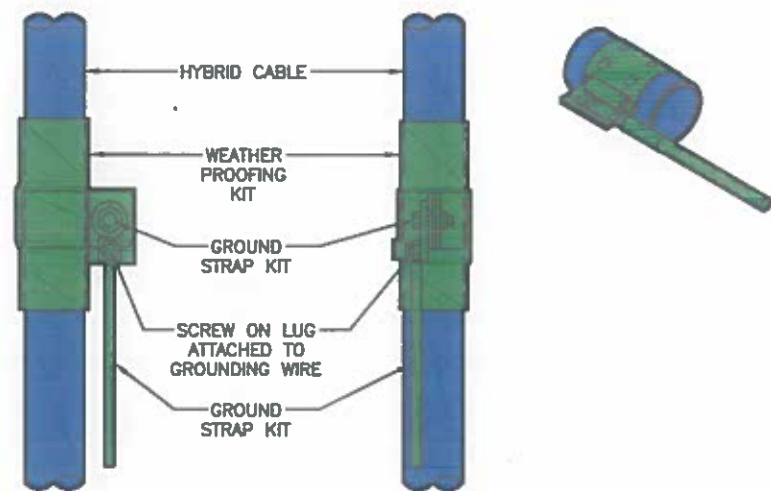
3

DETAIL NOT USED

1

NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. THIS DETAIL IS TYPICAL FOR EACH CABLE WHERE IT IS SPECIFIED TO BE GROUNDED.
3. CABLE TO BE GROUNDED AT ANTENNA LEVEL AND PRIOR TO ENTERING EQUIPMENT CABINET.
4. CABLE ALSO TO BE GROUNDED TO GROUND BAR AT TOWER BASE IF APPLICABLE.
5. USE ONLY TIN PLATED GROUNDING LUGS.

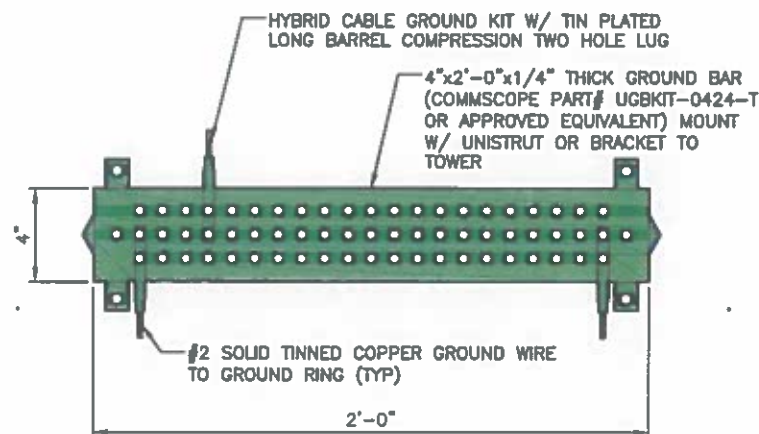


COAX/HYBRID CABLE GROUND KIT DETAIL

6

NOTES:

1. ALL HARDWARE SHALL BE 18-8 STAINLESS STEEL INCLUDING BELLEVILLE WASHERS, COAT ALL SURFACES WITH KOPR-SHIELD BEFORE MATING.
2. STEEL BONDING ONLY: INSERT A TOOTH WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH KOPR-SHIELD.
3. USE A THIN COAT OF ANTI-CORROSION GREASE AT THESE CONNECTIONS.
4. INSTALL WITHIN 12" OF END OF COAX TO COAX JUMPER CONNECTION.
5. DIMPLE OR MECHANICAL CRIMP LUGS WILL NOT BE PERMITTED.



TOWER/TYPICAL GROUND BAR DETAIL

4

DETAIL NOT USED

2

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE
STATE OF KANSAS
PE CERTIFICATE OF AUTHORIZATION # E-571
ENGINEER: PE# DISCIPLINE
KMY KEVIN M. VANMAELE 22105 CIVIL
REJ ROBERT E. JENSEN 16098 CIVIL
CD CHRISTOPHER GIANNOTTI 25573 CIVIL
PJL PATRICK J. DAVIS 25087 CIVIL
SDK SHELTON D. KEISLING 13854 ELECTRICAL
DAW DAVID J. WALDRON 31220 ELECTRICAL
TMS TERRANCE M. SUPER 9250 ELECTRICAL

APPLICANT

verizon

PLANS PREPARED FOR

STC

PLANS PREPARED BY

SSC

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MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION	SHEET #
GROUNDING DETAILS (3 OF 3)	G-4.2

GENERAL NOTES

1. THE CONTRACTOR SHALL SUPERVISE AND DIRECT ALL WORK USING THEIR BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES AND SEQUENCES FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
2. THE CONTRACTOR SHALL VISIT THE JOB SITE TO REVIEW THE SCOPE OF WORK AND EXISTING CONDITIONS INCLUDING, BUT NOT LIMITED TO, ELECTRICAL SERVICE AND OVERALL COORDINATION.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO SUBMITTING THEIR BID. ANY DISCREPANCIES, CONFLICTS OR OMISSIONS, ETC. SHALL BE REPORTED TO VERIZON WIRELESS BEFORE PROCEEDING WITH THE WORK.
4. THE CONTRACTOR SHALL PROTECT ALL AREAS FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE TO NEW AND EXISTING CONSTRUCTION, STRUCTURE, OR EQUIPMENT SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF VERIZON WIRELESS, AT THE EXPENSE OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL SAFEGUARD THE OWNER'S PROPERTY DURING CONSTRUCTION AND SHALL REPLACE ANY DAMAGED PROPERTY OF THE OWNER TO ORIGINAL CONDITION.
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSES FOR REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED IN CONJUNCTION WITH THE EXECUTION OF WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE WHILE THE JOB IS IN PROGRESS AND UNTIL THE JOB IS COMPLETE.
8. ALL CONSTRUCTION WORK SHALL CONFORM TO THE CODES LISTED IN THE CODE SUMMARY AND ALL APPLICABLE LOCAL REGULATIONS, ORDINANCES, STATUTES & CODES.
9. VERIZON WIRELESS SHALL OBTAIN THE CONSTRUCTION PERMIT. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ADDITIONAL PERMITS, LICENSES AND INSPECTIONS NECESSARY FOR PERFORMANCE OF THE WORK AND INCLUDE THOSE IN THE COST OF THE WORK TO THE OWNER.
10. CITY APPROVED PLANS SHALL BE KEPT IN A PLAN BOX AND SHALL NOT BE USED BY WORKERS. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION. THE CONTRACTOR SHALL ALSO MAINTAIN IN GOOD CONDITION ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES. THESE ARE TO BE UNDER THE CARE OF JOB SUPERINTENDENT.
11. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A:10-B:C WITHIN 75'-0" OF TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILD OUT AREA DURING CONSTRUCTION.
12. ANY CONNECTION FEES FOR ELECTRICAL SERVICE SHALL BE PAID BY THE CONTRACTOR.
13. CABLING NOTE: FOLLOW HYBRIFLEX MANUFACTURER'S RECOMMENDATIONS FOR HOISTING CABLE. VERIZON WIRELESS HAS REPORTED THAT HOIST GRIPS MUST BE USED EVERY 200'-0" OF CABLE.

DESCRIPTION OF PROPOSED SITE USE:

THE CONSTRUCTION OF THIS COMMUNICATION TOWER SITE IS FOR THE TRANSMISSION AND RECEPTION OF CALLS FOR A NEW WIRELESS TELEPHONE SYSTEM. NO FLAMMABLE PRODUCTS OR CHEMICALS WILL BE USED OR STORED INSIDE THE SHELTER.

ABBREVIATIONS

AGL	ABOVE GRADE LINE	GND	GROUND
AMP	AMPERE	HT	HEIGHT
ARCH	ARCHITECT	LF	LINEAL FOOT
BLDG	BUILDING	MIN/MAX	MINIMUM/MAXIMUM
C	CENTERLINE	MISC	MISCELLANEOUS
CONC	CONCRETE	NTS	NOT TO SCALE
CONST	CONSTRUCTION	O.C.	ON CENTER
CONTR	CONTRACTOR	PL	PLATE
DET	DETAIL	REQ'D	REQUIRED
DIA (#)	DIAMETER	SF	SQUARE FOOT
DIAG	DIAGONAL	SHT	SHEET
DIM	DIMENSION	SIM	SIMILAR
DN	DOWN	SPECS	SPECIFICATIONS
DWG	DRAWING	SSC, INC.	SELECTIVE SITE CONSULTANTS, INC.
EA	EACH	STD	STANDARD
ELEC	ELECTRICAL	STL	STEEL
ELEV	ELEVATOR, ELEVATION	STRUCT	STRUCTURAL
EQ	EQUAL	SW	SWITCH
EQUIP	EQUIPMENT	T.O.C.	TOP OF CONCRETE
EXIST	EXISTING	T.C.	TOP OF CURB
FND	FOUNDATION	T.O.P.	TOP OF PAVING
FTG	FOOTING	T.O.S.	TOP OF STEEL
GA	GAUGE	TYP	TYPICAL
GALV	GALVANIZED	UNO	UNLESS NOTED OTHERWISE

FOUNDATION GENERAL NOTES:

1. THE SITE SHALL BE STRIPPED OF ALL VEGETATION PRIOR TO FILL OR CONSTRUCTION OF THE FOUNDATION PAD.
2. ALL FILL SAND SHALL BE 0-15 P.I. WITH A COMPACTION TEST RUN ON EACH 6" LIFT - COMPACTED TO 90% MODIFIED PROCTOR.
3. ANY SOFT AREAS (TREE STUMP HOLES, ETC.) SHALL BE CUT OUT AND RECOMPACTED TO SAID PROCTOR.
4. ALL FOOTINGS TO BEAR ON A MINIMUM NET ALLOWABLE SOIL BEARING CAPACITY OF 1,500 PSF TO BE VERIFIED IN FIELD.
5. THE CONTRACTOR SHALL KEEP THE SITE SO IT WILL HAVE POSITIVE DRAINAGE AT ALL TIMES.
6. ALL EXCAVATIONS SHALL BE FREE OF WATER BEFORE POURING CONCRETE.

CONCRETE NOTES:

1. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 AND ACI 301, LATEST EDITION. THESE DOCUMENTS SHALL BE AVAILABLE IN THE FIELD OFFICE.
2. EXCEPT WHERE OTHERWISE INDICATED, CONCRETE SHALL BE NORMAL WEIGHT AND WITH MINIMUM 28-DAY COMPRESSIVE STRENGTHS OF $F'c=4000$ PSI. ALL EXTERIOR EXPOSED CONCRETE SHALL BE AIR ENTRAINED WITH 6% AIR CONTENT.
3. MAXIMUM SLUMP SHALL BE 4".
4. REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
5. ALL WIRE AND BARS SHALL BE SECURED PROPERLY BEFORE POURING CONCRETE.
6. EDGE TROWEL ALL EXPOSED CONCRETE EDGES.

NOTE:

LOCALIZED AREAS OF SOFT OR LOOSE MATERIALS MAY BE ENCOUNTERED AT THE PROPOSED BEARING ELEVATION. THE SOILS MAY REQUIRE COMPACTION USING A PLATE COMPACTOR IN THE FOOTING TRENCH IF FIELD CONDITIONS INDICATE LOOSE GRANULAR SOILS. THE SOILS MAY REQUIRE REMOVAL AND REPLACEMENT WITH AN APPROVED ENGINEERED FILL. FOUNDATION DEPTH AND OVER DIG REQUIREMENTS SHALL BE VERIFIED WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT AND INCLUDED IN THE BID BEFORE CONSTRUCTION. THE EVALUATION OF THE SUB GRADE AND SELECTION OF FILL MATERIALS SHALL BE MONITORED AND TESTED BY A QUALIFIED REPRESENTATIVE OF THE SOILS ENGINEER.

CODE SUMMARY

CODE CLASSIFICATION	
TYPE OF CONSTRUCTION:	U
	V-B
APPLICABLE CODES	
INTERNATIONAL BUILDING CODE	
NATIONAL ELECTRICAL CODE (NFPA 70)	
UNIFORM PLUMBING CODE	
INTERNATIONAL FUEL GAS CODE	

COLOR LEGEND

HYBRID & COAX CABLES	
POWER/GROUNDING	
FIBER	
ANTENNAS	
RRH/BBU	
PENETRATIONS	
VZW LANDSPACE	
ACCESS/UTILITY EASEMENT	
NEW VZW UTILITY EASEMENT	

SYMBOLS



DETAIL CALLOUT



SECTION CALLOUT

* (-) INDICATES REFERENCED FROM SAME SHEET

PLAN SYMBOLS

- CONDUIT RUN ABOVE GRADE
- CONDUIT RUN BELOW GRADE
- CONDUIT CAP
- NEUTRAL CONDUCTOR
- HASH MARKS INDICATE NUMBER OF WIRES IN CONDUIT
- GROUND CONDUCTOR
- DISCONNECT SWITCH
- LIGHT SWITCH (3) INDICATES 3-WAY SWITCH
- LIGHT FIXTURE (TYPE IN DRAWING)
- LIGHT FIXTURE (TYPE IN DRAWING)
- RECEPTACLE
- GFCI - GROUND FAULT CIRCUIT INTERRUPTER
- WP - WEATHERPROOF COVER

GROUNDING PLAN SYMBOLS

- GROUNDING CONDUCTOR ABOVE GROUND
- GROUNDING CONDUCTOR UNDER GROUND
- GROUND BAR
- GROUND BAR WITH COMPRESSION CONNECTION
- GROUND CONDUCTOR
- EXOTHERMIC CONNECTION
- MECHANICAL CONNECTION
- GROUND ROD
- INSPECTION/TEST WELL

SCHEMATIC SYMBOLS

- GROUND
- TRANSFORMER
- BREAKER (SIZED AS NOTED)
- METER
- FUSED DISCONNECT SWITCH (SIZED AS NOTED)
- NON-FUSED DISCONNECT SWITCH (SIZED AS NOTED)
- AUTOMATIC TRANSFER SWITCH
- DUPLEX RECEPTACLE (120V)
- GENERATOR RECEPTACLE (240V, 1 ϕ)
- CAM LOCK
- ENCLOSURE

STAMP



ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-571			
ENGINEER	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	
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GN-1.0

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EASEMENT

ACCESS/UTILITY
EASEMENT

VZW LANDSPACE

PENETRATIONS

RHH/BBU

ANTENNAS

FIBER

POWER/
GROUNDING

HYBRID &
COAX CABLES

GENERAL REQUIREMENTS

PART 1: GENERAL

1.1 INTENT:

- THESE SPECIFICATIONS AND CONSTRUCTION DRAWINGS DESCRIBE THE WORK TO BE DONE AND THE MATERIALS TO BE FURNISHED FOR CONSTRUCTION. PLANS ARE NOT TO BE SCALED.
- THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE FULLY EXPLANATORY AND SUPPLEMENTARY, HOWEVER, SHOULD ANYTHING BE SHOWN, INDICATED OR SPECIFIED ON ONE AND NOT THE OTHER, IT SHALL BE DONE THE SAME AS IF SHOWN, INDICATED OR SPECIFIED IN BOTH.
- THE INTENTION OF DOCUMENTS IS TO INCLUDE ALL LABOR AND MATERIALS REASONABLY NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK AS STIPULATED IN THE CONTRACT.
- CONFLICTS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL MEASUREMENTS AT THE SITE BEFORE ORDERING MATERIALS OR DOING ANY WORK. NO COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSIONS AND THOSE ON THE DOCUMENTS. ANY DISCREPANCY SHALL BE REPORTED TO THE OWNER OR THEIR AGENT FOR CONSIDERATION.

1.2 LICENSING REQUIREMENTS:

- THE CONTRACTOR IS RESPONSIBLE FOR PROCUREMENT AND MAINTAINING ALL APPLICABLE LICENSES AND BONDS.

1.3 STORAGE:

- ALL MATERIALS MUST BE STORED IN A LEVEL AND DRY FASHION THAT DOES NOT OBSTRUCT THE FLOW OF OTHER WORK. ANY STORAGE METHOD MUST MEET ALL RECOMMENDATIONS OF THE ASSOCIATED MANUFACTURER.

1.4 CLEAN UP:

- THE CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH AT ALL TIMES.

1.5 QUALITY ASSURANCE:

- ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

PART 2: PRODUCTS – NOT APPLICABLE TO THIS SECTION

PART 3: EXECUTION – NOT APPLICABLE TO THIS SECTION

END OF SECTION

COMMUNICATIONS/ANTENNA'S

PART 1: GENERAL

1.1 WORK INCLUDED:

- ANTENNA AND FEEDLINE CABLES ARE FURNISHED BY OWNER UNDER SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL AND PROPERTY FROM HAZARDOUS EXPOSURE TO OVERHEAD DANGER.
- INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND OWNER SPECIFICATIONS.
- INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.
- INSTALL FURNISHED GALVANIZED STEEL WAVEGUIDE LADDER AS INDICATED ON DRAWINGS.
- THE CONTRACTOR SHALL PROVIDE FREQUENCY DOMAIN REFLECTOMETER (FDR) TEST RESULTS TO THE CONSTRUCTION MANAGER AND OWNER WITHIN ONE WEEK OF COMPLETION.
- INSTALL FEEDLINE CABLES AND TERMINATORS BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTORS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL FEEDLINE CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
- ANTENNA AND FEEDLINE CABLE GROUNDING:
 - ALL FEEDLINE CABLE GROUNDING CONNECTIONS ARE TO BE WEATHER SEALED WITH ANDREW CONNECTOR/SPLICE WEATHERPROOFING KITS OR APPROVED EQUAL.
 - ALL FEEDLINE CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF FEEDLINE CABLE (NOT WITHIN BENDS)

1.2 RELATED WORK:

- FURNISH THE FOLLOWING WORK AS SPECIFIED UNDER CONSTRUCTION DOCUMENTS, BUT COORDINATE WITH OTHER TRADES PRIOR TO BID:
 - FLASHING OF OPENING INTO OUTSIDE WALLS.
 - SEAL AND CAULK ALL OPENINGS.
 - PAINTING.
 - CUTTING AND PATCHING.

1.3 REQUIREMENTS OF REGULATOR AGENCIES:

- FURNISH UL LISTED EQUIPMENT WHERE SUCH LABEL IS AVAILABLE, INSTALL IN CONFORMANCE WITH UL STANDARDS WHERE APPLICABLE.
- INSTALL ANTENNA, ANTENNA CABLES, AND GROUNDING SYSTEM IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS IN EFFECT AT PROJECT LOCATION AND RECOMMENDATIONS OF STATE AND LOCAL BUILDING CODES, AND ANY SPECIAL CODES HAVING JURISDICTION OVER SPECIFIC PORTIONS OF WORK. THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
 - TIA-222 (TELECOMMUNICATIONS INDUSTRY ASSOCIATION) – STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES.
 - FAA (FEDERAL AVIATION ADMINISTRATION ADVISORY) – CIRCULAR AC 70/7460-1K, OBSTRUCTION MARKING AND LIGHTING.
 - FCC (FEDERAL COMMUNICATIONS COMMISSION) – RULES AND REGULATIONS OBSTRUCTION MARKING AND LIGHTING SPECIFICATIONS FOR ANTENNA STRUCTURES AND HIGH INTENSITY OBSTRUCTION LIGHTING SPECIFICATIONS FOR ANTENNA STRUCTURES.
 - AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) – SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.
 - NEC (NATIONAL ELECTRICAL CODE) – FOR TOWER LIGHTING KITS.
 - UL (UNDERWRITERS LABORATORIES) – APPROVED ELECTRICAL PRODUCTS.
 - IN ALL CASES, THE FAA RULES AND THE FCC RULES ARE APPLICABLE AND IN THE EVENT OF CONFLICT, SUPERSEDE ANY OTHER STANDARDS OR SPECIFICATIONS.
 - LIFE SAFETY CODE NFPA, LATEST EDITION.

PART 2: PRODUCTS – NOT APPLICABLE TO THIS SECTION

PART 3: EXECUTION – NOT APPLICABLE TO THIS SECTION

END OF SECTION

SITE CLEARING/EROSION CONTROL

PART 1: GENERAL

1.1 SUMMARY:

- PROVIDE SITE-CLEARING AS REQUIRED TO COMPLETE WORK AS SHOWN ON CONTRACT DOCUMENTS INCLUDING CLEARING, GRUBBING, STRIPPING, EROSION AND SILTATION CONTROL, AND PROTECTION OF LANDSCAPE MATERIALS DESIGNATED TO BE PROTECTED DURING CONSTRUCTION.

1.2 QUALITY ASSURANCE:

- COMPLY WITH GOVERNING CODES AND REGULATIONS.
- SITE PROTECTION: PROVIDE ALL NECESSARY JOB SITE MAINTENANCE FROM COMMENCEMENT OF WORK UNTIL COMPLETION OF THE SUBCONTRACT
- AVOID DAMAGE TO THE SITE AND TO EXISTING FACILITIES, STRUCTURES, TREES, AND SHRUBS DESIGNATED TO REMAIN. TAKE PROTECTIVE MEASURES TO PREVENT EXISTING FACILITIES THAT ARE NOT DESIGNATED FOR REMOVAL FROM BEING DAMAGED BY THE WORK.

PART 2: PRODUCTS

2.1 MATERIALS:

- TREE PROTECTION, EROSION CONTROL, SILTATION CONTROL, AND DUST CONTROL MATERIALS SUITABLE FOR SITE CONDITIONS.

PART 3: EXECUTION

3.1 SITE CLEARING OPERATIONS:

- PROTECTION OF EXISTING TREES, VEGETATION, LANDSCAPING, AND SITE IMPROVEMENTS NOT SCHEDULED FOR CLEARING WHICH MIGHT BE DAMAGED BY CONSTRUCTION ACTIVITIES.
- TRIMMING OF EXISTING TREES AND VEGETATION AS RECOMMENDED BY ARBORIST FOR PROTECTION DURING CONSTRUCTION ACTIVITIES.
- CLEARING AND GRUBBING OF STUMPS AND VEGETATION, AND REMOVAL AND DISPOSAL OF DEBRIS, RUBBISH, DESIGNATED TREES, AND SITE IMPROVEMENTS.
- TOPSOIL STRIPPING AND STOCKPILING.
- TEMPORARY EROSION CONTROL, SILTATION CONTROL, AND DUST CONTROL.
- TEMPORARY PROTECTION OF ADJACENT PROPERTY, STRUCTURES, BENCHMARKS, AND MONUMENTS.
- WATERING OF TREES AND VEGETATION DURING CONSTRUCTION ACTIVITIES.
- REMOVAL AND LEGAL DISPOSAL OF CLEARED MATERIALS.
- MAINTAIN ALL EXISTING FENCING AND GATES TO MAINTAIN A SECURE SITE AT ALL TIMES.
- PROVIDE AND MAINTAIN ALL TEMPORARY FENCING, BARRICADES, WARNING SIGNALS AND SIMILAR DEVICES NECESSARY TO PROTECT LIFE AND PROPERTY DURING THE ENTIRE PERIOD OF CONSTRUCTION. REMOVE ALL SUCH DEVICES UPON COMPLETION OF THE WORK.

3.2 CLEARING:

- PREVENT DAMAGE TO EXISTING IMPROVEMENTS INDICATED TO REMAIN, INCLUDING ON AND OFF SITE. PROTECT EXISTING TREES AND VEGETATION INDICATED TO REMAIN. DO NOT STOCKPILE MATERIALS AND RESTRICT TRAFFIC WITHIN DRIP LINE OF EXISTING TREES TO REMAIN OR THAT INTERFERE WITH ACCESS TO SITE. PROVIDE AND MAINTAIN TEMPORARY GUARDS TO ENCIRCLE TREES OR GROUPS OF TREES TO REMAIN; OBTAIN APPROVAL BEFORE BEGINNING WORK.
- WATER VEGETATION AS REQUIRED TO MAINTAIN HEALTH. COVER TEMPORARILY EXPOSED ROOTS WITH WET BURLAP AND BACKFILL AS SOON AS POSSIBLE. COAT CUT PLANT SURFACES WITH APPROVED EMULSIFIED ASPHALT PLANT COATING.
- REPAIR OR REPLACE VEGETATION DESIGNATED FOR REUSE, WHICH HAS BEEN DAMAGED. REMOVE HEAVY GROWTHS OF GRASS BEFORE STRIPPING. STOCKPILE SATISFACTORY TOPSOIL CONTAINING NO LARGE STONES, FOREIGN MATTER AND WEEDS ON SITE FOR REUSE.
- COMPLETELY REMOVE ALL IMPROVEMENTS, STUMPS AND DEBRIS EXCEPT FOR THOSE INDICATED TO REMAIN. REMOVE BELOW GRADE IMPROVEMENTS AT LEAST 12" BELOW FINISH GRADE SO AS NOT TO INTERFERE WITH NEW CONSTRUCTION. REMOVE ABANDONED MECHANICAL AND ELECTRICAL WORK AS REQUIRED.
- PREVENT EROSION AND SILTATION OF STREETS, CATCH BASINS AND PIPING. CONTROL WINDBLOWN DUST. REMOVE WASTE MATERIALS AND UNSUITABLE SOIL FROM SITE AND DISPOSE OF IN A LEGAL MANNER.
- EXCEPT WHERE EXCAVATION TO GREATER DEPTH IS INDICATED, FILL DEPRESSIONS RESULTING FROM CLEARING, GRUBBING AND DEMOLITION WORK COMPLETELY WITH SUITABLE FILL AND COMPACT AS REQUIRED.

3.3 EROSION CONTROL:

- PROVIDE EROSION AND SILTATION CONTROL AS REQUIRED TO MEET ALL LOCAL AND STATE REQUIREMENTS.

END OF SECTION

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-671			
ENGINEER	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	MINN. COUNCIL
REJ ROBERT E. JENSEN	16096	CIVIL	
CS CHRISTOPHER GUANNOTTI	28673	CIVIL	
PJD PATRICK J. DAVIS	25067	CIVIL	
SDK SHELTON D. KEISLING	13854	ELECTRICAL	MINN. COUNCIL
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT

verizon

PLANS PREPARED FOR:



PLANS PREPARED BY:



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SUBMITTALS				
	DESCRIPTION	DATE	BY	REV
ISSUED FOR REVIEW		09/30/25	AWD	A
REISSUED PER CLIENT COMMENTS		11/04/25	AWD	B

MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

SPECIFICATIONS
(1 OF 7)

SHEET #

SP-1.0

CAST-IN-PLACE-CONCRETE**PART 1: GENERAL****1.1 SUMMARY:**

- A. FURNISH AND INSTALL ALL CAST-IN-PLACE CONCRETE, REINFORCING AND ACCESSORIES, AS SPECIFIED HEREIN AND AS SHOWN ON THE DRAWINGS.

1.2 SUBMITTALS:

- A. PRODUCT DATA: SUBMIT MANUFACTURER'S PRODUCT DATA AND INSTALLATION INSTRUCTIONS FOR EACH MATERIAL AND PRODUCT USED.
- B. SHOP DRAWINGS: SUBMIT SHOP DRAWINGS INDICATING MATERIAL CHARACTERISTICS, DETAILS OF CONSTRUCTION, CONNECTIONS, AND RELATIONSHIP WITH ADJACENT CONSTRUCTION.
1. SHOP DRAWINGS SHALL BE PREPARED AND STAMPED BY A QUALIFIED ENGINEER LICENSED IN THE JURISDICTION OF THE PROJECT.
- C. MIX DESIGN: SUBMIT FOR APPROVAL MIX DESIGN PROPOSED FOR USE.

1.3 QUALITY ASSURANCE:

- A. COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS OF ACCEPTABLE MANUFACTURERS, WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR A MINIMUM OF THREE YEARS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- B. TESTING: EMPLOY AN INDEPENDENT TESTING AGENCY ACCEPTABLE TO OWNER TO DESIGN CONCRETE MIXES AND TO PERFORM MATERIAL EVALUATION TESTS. PROVIDE 4 AND 28 DAY CYLINDER TESTS. COMPLY WITH ASTM C 143, C 173, C 31 AND C 39.
- C. STANDARDS
1. ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
2. ACI 318, BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AND CRSI MANUAL OF STANDARD PRACTICE.

PART 2: PRODUCTS**2.1 MATERIALS:**

- A. MATERIALS SHALL CONFORM TO THE RESPECTIVE PUBLICATIONS AND OTHER REQUIREMENTS SPECIFIED HEREIN.
- B. CEMENT: CEMENT SHALL CONFORM TO ASTM C150, TYPE 1. CEMENT MAY BE BAGGED OR BULK. CEMENT SHALL BE USED FROM ONLY ONE MILL THROUGHOUT PROJECT.
- C. FINE AGGREGATE: FINE AGGREGATE SHALL CONFORM TO ASTM C33-08 AND SHALL BE UNIFORMLY GRADED, CLEAN, SHARP, WASHED MATERIAL OR CRUSHED SAND, FREE FROM ORGANIC IMPURITIES.
- D. COURSE AGGREGATE: COURSE AGGREGATE SHALL CONFORM TO ASTM C33-08 AND SHALL BE NATURAL WASHED GRAVEL OR WASHED CRUSHED ROCK HAVING HARD, STRONG, DURABLE PIECES, FREE FORM ADHERENT COATINGS, THE MAXIMUM SIZE OF COARSE AGGREGATE SHALL BE 3/4" IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM C33-08; GRADATION SIZE NO. 67.
- E. WATER: WATER USED IN THE CONCRETE MIX SHALL BE POTABLE, CLEAN, AND FREE FROM OILS, ACIDS, SALTS, CHLORIDES, ALKALI, SUGAR, VEGETABLE, OR OTHER INJURIOUS SUBSTANCES.
- F. REINFORCING STEEL: ALL BARS ARE TO BE NEW BILLET STEEL CONFORMING TO ASTM A615, GRADE 60. BENDING DETAILS ARE TO CONFORM TO THE STANDARDS OF ACI 318.
- G. FORMS: THE FORMS SHALL BE TRUE AND RIGID AND CONFORM TO SHAPE, LINE AND DIMENSIONS AS SHOWN ON THE DRAWINGS. ALL FORMS SHALL BE RIGIDLY CONSTRUCTED, BRACED AND TIED TO PREVENT ANY DEFLECTION OR DISPLACEMENT DURING PLACING OF CONCRETE. ALL EXPOSED CORNERS AND EDGES SHALL HAVE 3/4" FILLETS. ALL JOINTS SHALL BE MORTAR TIGHT; OPEN JOINTS SHALL BE SEALED AS REQUIRED.
- H. CONCRETE:
1. PROPORTIONING: CONCRETE SHALL CONFORM TO THE FOLLOWING:
- a. CEMENT-6 SACKS PER CUBIC YARD, MINIMUM
- b. WATER SHALL BE KEPT TO AN ABSOLUTE MINIMUM TO MAINTAIN SLUMP AS SPECIFIED
- c. AGGREGATE; SAND FACTOR SHALL BE AS REQUIRED TO GIVE THE BEST WORKABLE MIX WITHIN THE RANGE OF 48% TO 52% OF TOTAL AGGREGATE.
- d. STRENGTH-4,000 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE
- e. ALL CONCRETE SHALL CONTAIN A WATER-REDUCING AGENT AND SHALL HAVE THREE (3) TO FIVE (5) PERCENT ENTRAINED AIR.

2.2 SLUMP:

- A. THE MAXIMUM SLUMP SHALL NOT EXCEED 3" EXCEPT FOR CONCRETE TO BE PLACED IN FORMS 8" WIDE OR LESS, WHERE THE MAXIMUM SLUMP SHALL BE 4".
- B. THE DETERMINATION OF SLUMP SHALL CONFORM TO ASTM C143.

2.3 MIXING:

- A. THE CONTRACTOR SHALL USE READY-MIXED CONCRETE, MIXED AND DELIVERED IN CONFORMANCE WITH ASTM C94.

2.4 MIXTURES:

- A. THE CONCRETE SHALL CONTAIN AN AIR-ENTRAINING ADMIXTURE COMPLYING WITH THE REQUIREMENTS OF ASTM C-260 AND ACI 212.1R AND A WATER-REDUCING ADMIXTURE COMPLYING WITH THE REQUIREMENTS OF ASTM C-494 AND ACI 212.1R. ADMIXTURES SHALL BE PURCHASE AND BATCHED IN LIQUID SOLUTION. THE USE OF CALCIUM CHLORIDE OR AN ADMIXTURE CONTAINING CALCIUM CHLORIDE IS PROHIBITED.
- B. ADMIXTURES SHALL BE OF THE SAME MANUFACTURER TO ASSURE COMPATIBILITY.
- C. ACCEPTABLE MANUFACTURERS ARE:
1. W.R. GRACE 3. MASTER BUILDERS
2. SIKA GROUP 4. EUCLID CHEMICAL CO

2.5 CURING COMPOUNDS:

- A. CURING COMPOUNDS SHALL CONFORM TO ASTM C309, TYPE 1, ID, CLASS A AND B AND ASTM C171 AS APPLICABLE

PART 3: EXECUTION**3.1 GENERAL:**

- A. CONSTRUCT AND ERECT FORMWORK IN ACCORDANCE WITH ACI 301 ACI 347.
- B. COLD-WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 306.
- C. HOT-WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305.

3.2 INSERTS, EMBEDDED COMPONENTS AND OPENINGS:

- A. CONTRACTOR SHALL CHECK ALL CIVIL, ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL DRAWINGS FOR OPENINGS, SLEEVES, ANCHOR BOLTS, INSERTS AND OTHER ITEMS TO BE BUILT INTO THE CONCRETE WORK.
- B. COORDINATE THE WORK OF OTHER SECTIONS IN FORMING AND SETTING OPENINGS, RECESSES, SLOTS, CHASES, ANCHORS, INSERTS AND OTHER ITEMS TO BE EMBEDDED.
- C. EMBEDDED ITEMS SHALL BE SET ACCURATELY IN LOCATION, ALIGNMENT, ELEVATION, AND PLUMBNESS. LOCATE AND MEASURE FROM ESTABLISHED SURVEYED REFERENCE BENCHMARKS.
- D. EMBEDDED ITEMS SHALL BE ANCHORED INTO PLACE AS REQUIRED TO PREVENT MOVEMENT DURING CONCRETE PLACEMENT AND CONSOLIDATION. COMPONENTS FORMING A PART OF A COMPLETE ASSEMBLY SHALL BE ALIGNED BEFORE ANCHORING. PROVIDE TEMPORARY BRACING, ANCHORAGE, AND TEMPLATES AS REQUIRED TO MAINTAIN THE SETTING AND ALIGNMENT.

3.3 REINFORCEMENT PLACEMENT:

- A. REINFORCEMENT SHALL BE PLACED IN ACCORDANCE WITH CHECKED AND RELEASED DRAWINGS AND ACI 301 AND ACI 315; SECURELY WIRE-TIE REINFORCEMENT AT ALL INTERSECTIONS.
- B. ACCURATELY POSITION, SUPPORT AND SECURE REINFORCEMENT AGAINST DISPLACEMENT FROM FORMWORK CONSTRUCTION OR CONCRETE PLACEMENT AND CONSOLIDATION. REINFORCING SHALL BE SUPPORTED ON METAL CHAIRS, RUNNERS, BOLSTERS, SPACERS, AND HANGERS.
- C. SPLICES OF REINFORCING BARS SHALL BE CLASS B UNLESS SHOWN OTHERWISE. SPLICES SHALL BE STAGGERED. FULL DEVELOPMENT LENGTH SHALL BE PROVIDED ACROSS JOINTS.
- D. LOCATE REINFORCING TO PROVIDE CONCRETE COVER AND SPACING SHOWN ON THE DRAWINGS. MINIMUM COVER SHALL BE AS REQUIRED BY ACI 318.
- E. WELDING OF AND TO ANY REINFORCING MATERIALS INCLUDING TACK WELDING OF CROSSING BARS IS STRICTLY PROHIBITED. BARS SHALL BE FREE OF FLAKY OR SCALY RUST AT THE TIME THE CONCRETE IS PLACED.

3.4 CONCRETE PLACEMENT:

- A. PRIOR TO PLACING CONCRETE, FORMS AND REINFORCEMENT SHALL BE THOROUGHLY INSPECTED. ALL WOOD CHIPS, DIRT, ETC., AS WELL AS ALL TEMPORARY BRACING, TIES, AND CLEATS REMOVED, AND ALL OPENINGS FOR UTILITIES PROPERLY BOXED. ALL FORMS SHALL BE PROPERLY SECURED IN THEIR CORRECT POSITION AND MADE TIGHT. ALL REINFORCING AND EMBEDDED ITEMS SHALL BE SECURED IN THEIR PROPER LOCATIONS. ALL OLD AND DRY CONCRETE AND DIRT SHALL BE CLEANED AND ALL STANDING WATER AND OTHER FOREIGN MATTER REMOVED.

- B. PLACING CONCRETE SHALL BE IN ACCORDANCE WITH ACI 301 AND ACI 304 AND SHALL BE CARRIED OUT AT SUCH A RATE THAT THE CONCRETE PREVIOUSLY PLACED IS STILL PLASTIC AND INTEGRATED WITH THE FRESHLY PLACE CONCRETE. CONCRETING, ONCE STARTED, SHALL BE CARRIED ON AS A CONTINUOUS OPERATION UNTIL THE SECTION IS COMPLETED. NO COLD JOINTS SHALL BE ALLOWED.
- C. CONSTRUCTION JOINTS: USE KEYWAYS, CONTINUE REINFORCEMENT THROUGH JOINT.
- D. EXPANSION JOINTS: FOR EXTERIOR WORK, LOCATE AT 30'-0" O.C. MAXIMUM, AT APPROVED LOCATIONS. PROVIDE SMOOTH DOWELS ACROSS JOINT WHICH PERMIT 1" HORIZONTAL MOVEMENT AND NO VERTICAL SHEAR MOVEMENT.
- E. ISOLATION JOINTS: PROVIDE BETWEEN SLABS AND VERTICAL ELEMENTS SUCH AS COLUMNS AND STRUCTURAL WALLS.
- F. CONTROL JOINTS: PROVIDE SAWN OR TOOLED JOINTS OR REMOVABLE INSERT STRIPS; DEPTH EQUAL TO 1/4 SLAB THICKNESS. SPACING SHALL BE AS REQUIRED AND APPROVED.
- G. ALL CONCRETE SHALL BE THOROUGHLY CONSOLIDATED AND COMPACTED BY VIBRATION, SPADING, RODDING, OR FORKING DURING THE OPERATION OF PLACING AND DEPOSITING IN ACCORDANCE WITH ACI 309. THE CONCRETE SHALL BE WORKED AROUND REINFORCEMENT, EMBEDDED ITEMS, AND INTO THE CORNERS OF THE FORMS SO AS TO ELIMINATE ALL AIR AND STONE POCKETS.

3.5 FINISHING:

- A. FINISHING OF ALL SLABS SHALL BE IN ACCORDANCE WITH ACI 302.1; SECTION 7.2 WITH A MINIMUM OF THREE TROWELINGS.
1. INTERIOR SLAB FINISH TOLERANCE AS MEASURED IN ACCORDANCE WITH ASTM E 1155, SHALL HAVE AN OVERALL TEST F NUMBER FOR FLATNESS, FF=20 AND FOR LEVEL, FL=15. THE MINIMUM LOCAL NUMBER FOR FLATNESS, FF=15 AND FOR LEVEL, FL=10.
2. EXTERIOR SLAB FINISH SHALL BE FLAT (FF=20) AND SHALL BE SLOPED A MINIMUM OF 1/8" PER FOOT TO A MAXIMUM OF 1/4" PER FOOT TO PREVENT PONDING WATER.
- B. SURFACES OF SLABS SHALL RECEIVE TWO COATS OF CLEAR SEALER/HARDNER.
- C. ABOVE GRADE WALL SURFACES SHALL HAVE A SMOOTH FORM FINISH AS DEFINED IN CHAPTER 10 OF ACI 301.

3.6 CURING:

- A. FRESHLY DEPOSITED CONCRETE SHALL BE PROTECTED FROM PREMATURE DRYING AND EXCESSIVELY HOT OR COLD TEMPERATURES AND SHALL BE MAINTAINED WITH MINIMAL MOISTURE LOSS AT A RELATIVELY CONSTANT TEMPERATURE FOR A PERIOD OF TIME NECESSARY FOR THE HYDRATION OF THE CEMENT AND PROPER HARDENING OF THE CONCRETE.
- B. CURING SHALL IMMEDIATELY FOLLOW THE FINISH OPERATION. CONCRETE SHALL BE KEPT CONTINUOUSLY MOIST AT LEAST OVERNIGHT, IMMEDIATELY FOLLOWING THE INITIAL CURING. BEFORE THE CONCRETE HAS DRIED, ADDITIONAL CURING SHALL BE ACCOMPLISHED BY ONE OF THE FOLLOWING MATERIALS OR METHODS:
1. PONDING OR CONTINUOUS SPRINKLING
2. ABSORPTIVE MAT OR FABRIC KEPT CONTINUOUSLY WET
3. NON-ABSORPTIVE FILM (POLYETHYLENE) OVER A PREVIOUSLY SPRINKLED SURFACE
4. SAND OR OTHER COVERING KEPT CONTINUOUSLY WET
5. CONTINUOUS STEAM (NOT EXCEEDING 150 DEGREES F) OR VAPOR MIST BATH.
6. SPRAYED-ON CURING COMPOUND APPLIED IN TWO COATES, SPRAYED IN PERPENDICULAR DIRECTIONS.
- C. THE FINAL CURING SHALL CONTINUE UNTIL THE CUMULATIVE NUMBER OF DAYS OR FRACTION THEREOF, NOT NECESSARILY CONSECUTIVE, DURING WHICH TEMPERATURE OF THE AIR IN CONTACT WITH CONCRETE IS ABOVE 50 DEGREES F HAS TOTALED SEVEN (7) DAYS. CONCRETE SHALL NOT BE PERMITTED TO FREEZE DURING THE CURING PERIOD. RAPID DRYING AT THE END OF THE CURING PERIOD SHALL BE PREVENTED.

END OF SECTION

-STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-571			
ENGINEER	PER	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	
REJ ROBERT E. JENSEN	16096	CIVIL	
CO CHRISTOPHER GUANNOTTI	28673	CIVIL	
PJO PATRICK J. DAVIS	25067	CIVIL	
SDK SHELTON D. KEISLING	13854	ELECTRICAL	
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	6250	ELECTRICAL	

APPLICANT

verizon

PLANS PREPARED FOR



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SUBMITTALS

DESCRIPTION	DATE	BY	REV
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MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

SPECIFICATIONS
(2 OF 7)

SHEET #

SP-1.1

UNIT MASONRY**PART 1: GENERAL****1.1 SUMMARY:**

- A. PROVIDE UNIT MASONRY CONSTRUCTION AS INDICATED ON THE DRAWINGS.

PART 2: PRODUCTS**2.1 MATERIALS:****A. CLAY MASONRY UNITS:**

1. APPLICATION: BRICK AND CONCRETE BLOCK CAVITY WALLS.
2. SIZE: STANDARD MODULAR, 3-5/8" THICK BY 2-1/4" HIGH BY 7-5/8" LONG OR AS INDICATED ON DRAWINGS.
3. TYPE: ASTM C 216, TYPE FBS, FOR GENERAL EXPOSED USE, OR AS INDICATED ON DRAWINGS. GRADE SHALL BE SW, UNLESS NOTED OTHERWISE ON DRAWINGS.
4. SPECIAL SHAPES: AS REQUIRED BY BUILDING CONFIGURATION. OR AS INDICATED ON DRAWINGS
5. BOND PATTERN: RUNNING BOND

B. CONCRETE MASONRY UNITS:

1. CONCRETE MASONRY UNITS: HOLLOW, LOAD-BEARING, NORMAL WEIGHT, ASTM C 90, GRADE N, TYPE 1, 1500 F'M COMPRESSIVE STRENGTH:
 - a. MEDIUM WEIGHT
2. SIZE: 7-5/8" HIGH BY 15-5/8" LONG BY EITHER 7-5/8" OR 11-5/8" THICK OR AS INDICATED ON DRAWINGS.
3. SPECIAL SHAPES: AS REQUIRED BY BUILDING CONFIGURATION.
4. BOND PATTERN: RUNNING BOND UNLESS NOTED OR SHOWN DIFFERENTLY ON DRAWINGS.

C. LIMESTONE/PRECAST TRIM UNITS:

1. GRADE AND COLOR: AS SHOWN ON DRAWINGS
2. FINISH: AS IDENTIFIED ON DRAWINGS

D. MORTAR AND GROUT FOR BRICK AND CONCRETE MASONRY UNIT ASSEMBLIES:

1. MORTAR MIX: ASTM C 270, TYPE S, FOR REINFORCED MASONRY, MASONRY BELOW GRADE AND MASONRY IN CONTACT WITH EARTH AND ASTM C 270, TYPE N, FOR ABOVE-GRADE LOADBEARING AND NONLOADBEARING WALLS. PORTLAND CEMENT SHALL CONFORM TO ASTM C150, TYPE 1. MASONRY CEMENT SHALL CONFORM TO ASTM C91. FINE AGGREGATE SHALL CONFORM TO ASTM C144.
2. MORTAR COLOR: NATURAL COLOR UNLESS NOTED OTHERWISE ON DRAWINGS.
3. GROUT: ALL GROUT FOR FILLING BOND BEAMS AND REINFORCED CELLS SHALL CONFORM TO NON-AIR ENTRAINED GROUT PER ASTM C476 WITH PORTLAND CEMENT PER ASTM C150, TYPE 1, AND INE AND COARSE AGGREGATE PER ASTM C404.

E. REINFORCING STEEL:

1. REINFORCING BARS: ASTM A 615, GRADE 60.
2. WELDED WIRE FABRIC: ASTM A 185, PLAIN.

F. REINFORCING: WELDED WIRE WITH DEFORMED SIDE RODS.

1. STEEL WIRE: 9 GAUGE (.1875 INCH) GALVANIZED STEEL
2. TRUSS TYPE

G. TIES AND ANCHORS:

1. BENT WIRE TIES: GALVANIZED STEEL
2. RIGID ANCHORS: GALVANIZED STEEL STRAPS.

PART 3: EXECUTION**3.1 INSTALLATION:****A. INSTALLATION OF MASONRY ASSEMBLIES:**

1. COMPLY WITH PCA RECOMMENDED PRACTICES FOR LAYING CONCRETE BLOCK, BRICK INSTITUTE OF AMERICA BIA TECH NOTES, AND NCMA TEK BULLETINS.
2. COMPLY WITH COLD WEATHER AND WARM WEATHER PROTECTION PROCEDURES AS RECOMMENDED IN BIA TECH NOTES.

END OF SECTION

STRUCTURAL STEEL FRAMING**PART 1: GENERAL****1.1 SUMMARY:**

- A. PROVIDE STRUCTURAL STEEL ASSEMBLIES, FABRICATIONS, AND ERECTION OF STEEL AND OTHER ITEMS AS SHOWN ON THE DRAWINGS OR REQUIRED FOR A COMPLETE INSTALLATION.

1.2 QUALITY ASSURANCE:

- A. COMPLY WITH ALL APPLICABLE GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS OF ACCEPTABLE MANUFACTURERS, WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR THREE YEARS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- B. STANDARDS: AISC, CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, AND APPLICABLE REGULATIONS.
- C. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL: COMPLY WITH FABRICATION REQUIREMENTS, INCLUDING TOLERANCE LIMITS, AND INSTALLATION TOLERANCES OF AISC'S "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" FOR STRUCTURAL STEEL
- D. ERECTION TOLERANCES: AISC STANDARDS.

1.3 SUBMITTALS:

- A. SUBMIT FABRICATION AND ERECTION DRAWINGS SHOWING ALL DETAILS, CONNECTIONS, MATERIAL DESIGNATIONS, AND ALL TOP OF STEEL ELEVATIONS TO ENGINEER FOR APPROVAL
- B. WELDERS SHALL BE QUALIFIED AS PRESCRIBED IN AWS D1.1.

PART 2: PRODUCTS**2.1 MATERIALS:****A. STRUCTURAL STEEL:**

- 1A. STRUCTURAL STEEL W-SHAPES: ASTM A992.
- 1B. STRUCTURAL STEEL OTHER SHAPES, PLATES, AND BARS: ASTM A572, ASTM A36.
2. COLD-FORMED STEEL TUBING: ASTM A500, GRADE B.
3. STEEL PIPE: ASTM A53, TYPE E OR S, GRADE B.
4. ANCHOR BOLTS: ASTM A307, NON-HEADED TYPE.
5. COMMON (MACHINE) BOLTS SHALL CONFORM TO ASTM A307 GRADE A AND NUTS TO ASTM A563. ONE COMMON BOLT ASSEMBLY SHALL CONSIST OF A BOLT, A HEAVY HEX NUT, AND A HARDENED WASHER CONFORMING TO ASTM F436. BOLTS AND NUTS TO BE HOT-DIP GALVANIZED PER ASTM A153 IF EXPOSED.
6. HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM A325 AND NUT TO ASTM A563. ONE HIGH STRENGTH BOLT ASSEMBLY SHALL CONSIST OF A HEAVY HEX STRUCTURAL BOLT, A HEAVY HEX NUT, AND TWO HARDENED WASHERS CONFORMING TO ASTM F436. THE HARDENED WASHERS SHALL BE INSTALLED AGAINST THE ELEMENT TURNED IN TIGHTENING. BOLTS AND NUTS TO BE HOT-DIP GALVANIZED PER ASTM A153 IF EXPOSED.

7. AUXILIARY MATERIALS:

- a. DIRECT TENSION INDICATORS: ASTM A959.
- b. ELECTRODES FOR WELDING: AWS CODE; E70XX.

B. GROUTS:

- a. CEMENT GROUT: PORTLAND CEMENT, SAND.
- b. METALLIC SHRINKAGE-RESISTANT GROUT: PREMIXED FERROUS AGGREGATE GROUTING COMPOUND ASTM C1107.
- c. NONMETALLIC SHRINKAGE-RESISTANT GROUT: PREMIXED NONMETALLIC GROUTING COMPOUND, ASTM C1107.

B. SHOP PAINTING

1. GENERAL: ALL STRUCTURAL STEEL MATERIALS EXPOSED TO THE ELEMENTS SHALL BE HOT-DIP GALVANIZED PER ASTM A123. ALL OTHER STRUCTURAL STEEL SHALL BE SHOP PRIMED.
 - a. DO NOT PAINT SURFACES TO BE WELDED OR HIGH-STRENGTH BOLTED WITH FRICTION-TYPE CONNECTIONS.
 - b. DO NOT PAINT SURFACES SCHEDULED TO RECEIVE SPRAYED-ON FIREPROOFING.

2. STRUCTURAL STEEL FACTORY APPLIED PRIMER PAINT (FOR NON-GALVANIZED MATERIALS): STANDARD RED OXIDE, LEAD AND CHROMATE-FREE, NON-ASHPHALTIC, RUST-INHIBITING PRIMER COMPLYING WITH FS TT-P-664.

3. ZINC COATED (HOT-DIP GALVANIZED) PER ASTM A123 (AFTER FABRICATION): TOUCH-UP AFTER ERECTION: CLEAN AND WIRE BRUSH ANY ABRADED AND OTHER SPOTS WORN THROUGH ZINC COATING, INCLUDING THREADED PORTIONS OF BOLTS AND WELDS AND TOUCH-UP WITH GALVANIZING REPAIR PAINT.

C. FIELD PAINTING: REPAIR / TOUCH-UP OF DAMAGED GALVANIZED OR PRIMED SURFACES AND WELDS:

- a. FOR GALVANIZED SURFACES AND WELDS, USE ORGANIC ZINC-RICH COATING MATCHING THE APPEARANCE OF HOT-DIP GALVANIZING CONTAINING AT LEAST 65% - 69% OR ABOVE 92% METALLIC ZINC. BY WEIGHT IN THE DRY FILM, MEETING THE PERFORMANCE REQUIREMENTS OF THE FOLLOWING: ASTM A780-01, DOD-P-21035B, MIL-P-48105, AND SSPC PS-12, PS-12.01, PS-20, PS-22, PS-29 AND PS-30.
- b. FOR PRIMED SURFACES, CLEAN ALL SURFACES AND RE-PRIME PER RECOMMENDATIONS OF ORIGINAL PRIME MATERIALS.

PART 3: EXECUTION**3.1 FABRICATION:****A. SHOP FABRICATE AND ASSEMBLE MATERIALS AS SPECIFIED HEREIN:**

1. FABRICATE ITEMS IN ACCORDANCE WITH THE AISC SPECIFICATIONS.
2. ALL EXPOSED STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED PER ASTM A123.
3. PROPERLY MARK AND MATCH-MARK MATERIALS FOR FIELD ASSEMBLY AND FOR IDENTIFICATION AS TO LOCATION FOR WHICH INTENDED.
4. FABRICATE AND DELIVER IN A SEQUENCE WHICH WILL EXPEDITE ERECTION AND MINIMIZE FIELD HANDLING OF MATERIALS.
5. PROVIDE FINISH SURFACE OF MEMBERS EXPOSED IN THE FINAL STRUCTURE FREE FROM MARKINGS, BURRS, AND OTHER DEFECTS.

B. CONNECTIONS

1. PROVIDE BOLTS AND WASHERS OF TYPES AND SIZE REQUIRED FOR COMPLETION OF FIELD ERECTION. USE 3/4" DIAMETER A325N BOLTS UNLESS NOTED OTHERWISE.
2. INSTALL HIGH STRENGTH THREADED FASTENERS IN ACCORDANCE WITH RCSC "SPECIFICATIONS FOR STRUCTURAL JOINTS" USING ASTM A325N BOLTS.
3. WELDED CONSTRUCTION SHALL COMPLY WITH AWS D1.1 FOR PROCEDURES, APPEARANCE, QUALITY OF WELDS, AND METHODS USED IN CORRECTING WELDED WORK.
4. THE FABRICATOR SHALL FURNISH AND INSTALL ERECTION CLIPS FOR FIT-UP OF WELDED CONNECTIONS.
5. DOUBLE ANGLE MEMBERS SHALL HAVE WELDED FILLERS SPACED IN ACCORDANCE WITH CHAPTER E6 OF THE AISC SPECIFICATIONS.
6. GUSSET AND STIFFENER PLATES SHALL BE 3/8" THICK MINIMUM.

3.2 INSTALLATION:

- A. INSTALLATION OF STRUCTURAL STEEL SHALL COMPLY WITH AISC "CODE OF STANDARD PRACTICE".
- B. STRUCTURAL FIELD WELDING SHALL BE DONE BY THE ELECTRIC SUBMERGED OR SHIELDED METAL ARC PROCESS. WELDED CONSTRUCTION SHALL COMPLY WITH AWS D1.1.
- C. PROVIDE TEMPORARY SHORING AND BRACING WITH CONNECTIONS OF SUFFICIENT STRENGTH TO BEAR IMPOSED LOADS. REMOVE WHEN FINAL CONNECTIONS HAVE BEEN MADE.
- D. ALIGN AND ADJUST MEMBERS AS REQUIRED PRIOR TO FINAL INSPECTION.
- E. INSTALL AND FULLY TENSION HIGH STRENGTH THREADED FASTENERS IN ACCORDANCE WITH RCSC, "SPECIFICATIONS FOR STRUCTURAL JOINTS" USING ASTM A325N BOLTS.
- F. ALL BOLTS TO BE TIGHTENED TO "SNUG TIGHT" CONDITIONS. FEW IMPACTS FROM AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH.

3.3 FINAL INSPECTION:

- A. CLEAN ALL SURFACES UPON COMPLETION OF WORK.
- B. COMPLY WITH AISC CODES AND SPECIFICATIONS, AND WITH AWS "STRUCTURAL WELDING CODE".
- C. TOUCH-UP FIELD WELDS AND ABRADED AREAS AS REQUIRED.

END OF SECTION

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-571			
ENGINEER:	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	
REJ ROBERT E. JENSEN	18098	CIVIL	
CG CHRISTOPHER GIANNOTTI	25873	CIVIL	
PJD PATRICK J. DAVIS	25087	CIVIL	
SOK SHELTON D. KEISLING	13654	ELECTRICAL	
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT

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PLANS PREPARED FOR:



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SUBMITTALS				
DESCRIPTION	DATE	BY	REV	
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REISSUED PER CLIENT COMMENTS	11/04/25	AWD	B	

MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

SPECIFICATIONS
(3 OF 7)

SHEET #

SP-1.2

NEW VZW
UTILITY
EASEMENT

ACCESS/UTILITY
EASEMENT

VZW LANDSPACE

PENETRATIONS

RHH8BU

ANTENNAS

FIBER

POWER/
GROUNDING

HYBRID &
COAX CABLES

EARTH MOVING/EXCAVATION/BACKFILLING SECTION

PART 1: GENERAL

1.1 SUMMARY:

- A. PROVIDE EARTHWORK OPERATIONS INCLUDING BUT NOT LIMITED TO EXCAVATION, GRADING, TRENCHING AND COMPACTION.

1.2 QUALITY ASSURANCE COMPACTION:

- A. UNDER STRUCTURES, BUILDING SLABS, STEPS, PAVEMENTS, AND WALKWAYS, 95% MAXIMUM DENSITY, ASTM D 1557.
1. GRADING TOLERANCES:
- a. LAWNS, UNPAVED AREAS, AND WALKS, PLUS OR MINUS 1".
- b. KEEP SITE FREE FROM ANY PONDING WATER
- c. GRADING TOLERANCE FOR FILL UNDER BUILDING OR EQUIPMENT SLABS: PLUS OR MINUS 1/4" MEASURED WITH 10'-0" STRAIGHTEDGE.
2. TESTING: FIELD TESTING OF EARTHWORK AND COMPACTION SHALL BE PERFORMED BY OWNER'S INDEPENDENT TESTING LAB. THIS WORK IS TO BE COORDINATED BY THE CONTRACTOR.
3. ALL WORK SHALL BE INSPECTED AND RELEASED BY THE OWNER OR HIS AGENT WHO SHALL CARRY OUT THE GENERAL INSPECTION OF THE WORK AS SPECIFIED AND/OR CALLED OUT BY THE CONSTRUCTION DOCUMENTS. PROVIDE A MINIMUM OF 48 HOURS NOTICE PRIOR TO ANY PLACEMENT OF CONCRETE OR BACKFILLING OF TRENCHES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REQUEST TIMELY INSPECTIONS PRIOR TO PROCEEDING WITH FURTHER WORK THAT WOULD MAKE PARTS OF WORK INACCESSIBLE OR DIFFICULT TO INSPECT.
4. EXISTING UTILITIES: DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED BY THE OWNER OR OTHERS, EXCEPT WHEN PERMITTED IN WRITING BY OWNER OR HIS AGENT AND THEN ONLY AFTER ACCEPTABLE TEMPORARY UTILITY SERVICES HAVE BEEN PROVIDED.

PART 2: PRODUCTS

2.1 GENERAL:

- A. UTILITY TRENCH: PROVIDE WELL GRADED SAND (SW-SM) FROM BASE OF TRENCH TO MINIMUM ABOVE THE HIGHEST CONDUIT WITHIN TRENCH. REMAINDER OF TRENCH AREA CAN BE EITHER AB 3 OR CLEAN GRAVEL AS DESCRIBED HEREIN. COMPACT AS REQUIRED TO PREVENT SETTLING.
- B. ACCESS ROADS: 6" MINIMUM (UNLESS NOTED OTHERWISE ON DRAWINGS) COMPACTED AB 3 OR APPROVED EQUAL (UNWASHED CRUSHED LIMESTONE GRAVEL CONSISTING OF MULTIPLE AGGREGATE SIZES, ROCK CHIPS, AND ROCK DUST.)
- C. COMPOUND (NEW CONSTRUCTION): 2" THICK CLEAN GRAVEL, WITH 100% PASSING THROUGH A 1" SIEVE OVER 4" COMPACTED AB 3.
- D. COMPOUND (EXISTING): PROVIDE CLEAN GRAVEL WITH 100% PASSING THROUGH A 1" SIEVE AS REQUIRED TO BRING COMPOUND TO PROPER GRADE OR REPAIR EXISTING DAMAGED AREAS.
- E. STRUCTURAL FILL: PROVIDE 4" MINIMUM AB 3 BELOW STRUCTURES OR SLABS

2.2 MATERIALS:

- A. GEOTEXTILE FABRIC: PROVIDE MIRAFI 500X OR APPROVED EQUAL
- B. PLASTIC MARKING TAPE: SHALL BE ACID AND ALKALI RESISTANT POLYETHYLENE FILM SPECIFICALLY MANUFACTURED FOR MARKING AND LOCATING UNDERGROUND UTILITIES, 6" WIDE WITH A MINIMUM THICKNESS OF 0.004". TAPE SHALL HAVE MINIMUM STRENGTH OF 1500 PSI IN BOTH DIRECTIONS AND MANUFACTURED WITH INTEGRAL WIRES OR OTHER MEANS TO ENABLE DETECTION BY A METAL DETECTOR WHEN BURIED UP TO 3'-0" DEEP. THE CORE OF THE TAPE SHALL BE ENCASED IN A PROTECTIVE JACKET OR OTHER MEANS TO PROTECT FROM CORROSION. TAPE COLOR SHALL BE RED FOR ELECTRIC UTILITIES AND ORANGE FOR TELECOMMUNICATION

PART 3: EXECUTION

3.1 INSTALLATION:

- A. PRIOR TO EXCAVATING, THOROUGHLY EXAMINE AREA TO BE EXCAVATED AND/OR TRENCHED TO VERIFY THE LOCATIONS OF FEATURES ON THE DRAWINGS AND TO ASCERTAIN THE EXISTENCE OF ANY STRUCTURE NOT SHOWN THAT MIGHT INTERFERE WITH NEW CONSTRUCTION. NOTIFY THE OWNER OR HIS AGENT OF ANY OBSTRUCTIONS THAT WILL PREVENT ACCOMPLISHMENT OF THE WORK AS INDICATED ON THE DRAWINGS.
- B. EXCAVATION IS UNCLASSIFIED AND INCLUDES EXCAVATION TO SUBGRADE REGARDLESS OF MATERIALS. REPAIR EXCAVATIONS BEYOND ELEVATIONS AND DIMENSIONS INDICATED AS REQUIRED.
- C. MAINTAIN STABILITY OF EXCAVATIONS; COORDINATE SHORING AND BRACING AS REQUIRED BY AUTHORITIES HAVING JURISDICTION. PREVENT SURFACE AND SUBSURFACE WATER FROM ACCUMULATING IN EXCAVATIONS. STOCKPILE SATISFACTORY MATERIALS FOR REUSE, ALLOW FOR PROPER DRAINAGE.

- D. COMPACT MATERIALS AT THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D 1557 BY AERATION OR WETTING TO 95% OF MAXIMUM DRY DENSITY TO SUITABLE DEPTH.
- E. PLACE ACCEPTABLE MATERIALS IN LAYERS NOT MORE THAN 8" LOOSE DEPTH FOR MATERIALS COMPACTED BY HEAVY EQUIPMENT AND NOT MORE THAN 4" LOOSE DEPTH FOR MATERIALS COMPACTED BY HAND EQUIPMENT TO SUBGRADES INDICATED AS FOLLOWS:
1. STRUCTURAL FILL: USE UNDER FOUNDATIONS, SLABS ON GRADE IN LAYERS AS INDICATED.
2. DRAINAGE FILL: USE UNDER DESIGNATED BUILDING SLABS, AT FOUNDATION DRAINAGE AND ELSEWHERE AS INDICATED.
3. COMMON FILL: USE UNDER UNPAVED AREAS.
4. SUBBASE MATERIAL: USE UNDER GENERAL COMPOUND AREA IF THICKNESS OF LIFT IS GREATER THAN 6" SPREAD AND COMPACT THE CRUSHED STONE IN MULTIPLE LIFTS OF EQUAL THICKNESS WITH A MAXIMUM LIFT OF 6"
- F. GRADE TO 1/2" ABOVE OR BELOW REQUIRED SUBGRADE AND TO A TOLERANCE OF 1/4" IN 10'-0".
- G. PROTECT NEWLY GRADED AREAS FROM TRAFFIC AND EROSION. RE-COMPACT AND RE-GRADE SETTLED, DISTURBED AND DAMAGED AREAS TO RESTORE QUALITY, APPEARANCE, AND CONDITION.
- H. CONTROL EROSION TO PREVENT RUNOFF INTO SEWERS OR DAMAGE TO AREAS.
- I. CONTROL DUST TO PREVENT HAZARDS TO ADJACENT PROPERTIES AND VEHICLES. IMMEDIATELY REPAIR OR REMEDY DAMAGE CAUSED BY DUST INCLUDING AIR FILTERS IN EQUIPMENT AND VEHICLES. CLEAN SOILED SURFACES.
- J. DISPOSE OF WASTE AND UNSUITABLE MATERIALS OFF-SITE IN A LEGAL MANNER.

3.2 BACKFILL:

- A. AS SOON AS PRACTICAL AFTER COMPLETING CONSTRUCTION OF THE RELATED STRUCTURE, INCLUDING THE SPECIFIED MINIMUM CURING PERIOD FOR CAST-IN-PLACE CONCRETE, BACKFILL THE EXCAVATION WITH APPROVED MATERIAL TO RESTORE THE REQUIRED FINISHED GRADE.
1. PRIOR TO PLACING BACKFILL AROUND STRUCTURES, ALL FORMS SHALL HAVE BEEN REMOVED AND THE EXCAVATION CLEANED OF ALL TRASH, DEBRIS, AND UNSUITABLE MATERIALS.
2. BACKFILL BY PLACING AND COMPACTING SUITABLE BACKFILL MATERIAL OR SELECT GRANULAR BACKFILL MATERIAL, WHEN REQUIRED IN UNIFORM HORIZONTAL LAYERS OF NO GREATER THAN 8" LOOSE THICKNESS. WHERE HAND OPERATED COMPACTORS ARE USED, THE FILL MATERIAL SHALL BE PLACED IN LIFTS NOT TO EXCEED 4" IN LOOSE DEPTH.
3. IF THE DENSITY TESTING INDICATES THAT THE SPECIFIED DENSITY, THE SUCCEEDING LAYER SHALL NOT BE PLACED UNTIL THE SPECIFICATION REQUIREMENTS ARE MET UNLESS AUTHORIZED BY THE GEO-TECHNICAL ENGINEER. THE CONTRACTOR SHALL TAKE WHATEVER APPROPRIATE ACTION IS NECESSARY TO OBTAIN PROPER COMPACTION.
- B. COMPACT EACH LAYER OF BACKFILL TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE STANDARD PROCTOR TEST, ASTM D 698.

3.3 TRENCH EXCAVATION:

- A. UTILITY TRENCHES SHALL BE EXCAVATED TO THE LINES AND GRADES SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE OWNER OR HIS AGENT. PROVIDE SHORING, SHEETING AND BRACING AS REQUIRED TO PREVENT CAVING OR SLOUGHING OF THE TRENCH WALLS.
- B. EXTEND THE TRENCH WIDTH A MINIMUM OF 6" BEYOND THE OUTSIDE EDGE OF THE OUTER-MOST CONDUIT.
- C. WHEN SOFT, YIELDING, OR OTHERWISE UNSTABLE SOIL CONDITIONS ARE ENCOUNTERED, BACKFILL AT THE REQUIRED TRENCH TO A DEPTH OF NO LESS THAN 12" BELOW THE REQUIRED ELEVATION AND BACKFILL WITH GRANULAR BEDDING MATERIAL.

3.4 TRENCH BACKFILL:

- A. PROVIDE GRANULAR BEDDING MATERIAL (WELL GRADED SAND) IN ACCORDANCE WITH THE DRAWINGS AND THE UTILITY REQUIREMENTS.
- B. NOTIFY THE OWNER OR HIS AGENT 24 HOURS IN ADVANCE OF BACKFILLING.
- C. CONDUCT UTILITY CHECK TESTS BEFORE BACKFILLING. BACKFILL AND COMPACT TRENCH BEFORE ACCEPTANCE TESTING.
- D. PLACE GRANULAR TRENCH BACKFILL UNIFORMLY ON BOTH SIDES OF THE CONDUITS IN 6" UNCOMPACTED LIFTS UNTIL 6" OVER THE CONDUITS. SOLIDLY RAM AND TAMP BACKFILL INTO SPACES AROUND CONDUITS.
- E. PROTECT CONDUIT FROM LATERAL MOVEMENT, IMPACT DAMAGE, OR UNBALANCED LOADING.

- F. ABOVE THE CONDUIT EMBEDMENT ZONE, PLACE AND COMPACT BACKFILL MATERIAL IN 8" MAXIMUM LOOSE THICKNESS LIFTS TO RESTORE THE REQUIRED FINISHED SURFACE GRADE.
- G. COMPACT FINAL TRENCH BACKFILL TO A DENSITY EQUAL TO OR GREATER THAN EXISTING UNDISTURBED MATERIAL ADJACENT TO THE TRENCH BUT NO LESS THAN A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE STANDARD PROCTOR TEST, ASTM D 698.

3.5 AGGREGATE ACCESS ROAD (IF APPLICABLE):

- A. CLEAR, GRUB, STRIP AND EXCAVATE FOR ACCESS ROAD TO THE LINES AND GRADES INDICATED ON DRAWINGS. SCARIFY TO A DEPTH OF 6" AND PROOF-ROLL ALL HOLES, RUTS, SOFT PLACES AND OTHER DEFECTS.
- B. THE ENTIRE SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE STANDARD PROCTOR TEST, ASTM D 1557.
- C. AFTER PREPARATION OF THE SUBGRADE IS COMPLETE, THE GEOTEXTILE FABRIC (MIRAFI 500X) SHALL BE INSTALLED TO THE LIMITS INDICATED ON DRAWINGS BY ROLLING THE FABRIC OUT LONGITUDINALLY ALONG ROADWAY. THE FABRIC SHALL NOT BE DRAGGED ACROSS THE SUBGRADE. PLACE THE ENTIRE ROLL IN A SINGLE OPERATION, AS SMOOTHLY AS POSSIBLE.
1. OVERLAPS PARALLEL TO THE ROADWAY WILL BE PERMITTED AT THE CENTERLINE AND AT LOCATIONS BEYOND THE ROADWAY SURFACE WIDTH. NO LONGITUDINAL OVERLAPS SHALL BE LOCATED BETWEEN THE CENTERLINE AND THE SHOULDER. PARALLEL OVERLAPS SHALL BE A MINIMUM OF 3'-0" WIDE.
2. TRANSVERSE OR PERPENDICULAR OVERLAPS AT THE END OF A ROLL SHALL OVERLAP IN THE DIRECTION OF THE AGGREGATE PLACEMENT (PREVIOUS ROLL ON TOP) AND SHALL HAVE A MINIMUM LENGTH OF 3'-0".
3. ALL OVERLAPS SHALL BE PINNED WITH STAPLES OR NAILS BETWEEN 10" AND 12" LONG TO INSURE POSITIONING DURING PLACEMENT OF AGGREGATE. PIN LONGITUDINAL SEAMS AT 25'-0" O.C. AND TRANSVERSE SEAMS EVERY 5'-0" O.C.
- D. THE AGGREGATE BASE AND SURFACE COURSES SHALL BE CONSTRUCTED IN LAYERS NOT MORE THAN 8" (COMPACTED) THICKNESS. AGGREGATE TO BE PLACED ON GEOTEXTILE FABRIC AND SHALL BE END-DUMPED ON THE FABRIC FROM THE FREE END OF THE FABRIC OR OVER PREVIOUSLY PLACED AGGREGATE. AT NO TIME SHALL EQUIPMENT BE PERMITTED ON THE ROADWAY WITH LESS THAN 6" OF MATERIAL COVERING THE FABRIC.
- E. THE AGGREGATE SHALL BE IMMEDIATELY COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE PROCTOR TEST, ASTM D 1557 WITH A TAMPING ROLLER, A PNEUMATIC-TIRED ROLLER, OR WITH A VIBRATORY MACHINE OR ANY COMBINATION OF THE ABOVE. THE TOP LAYER SHALL BE GIVEN A FINAL ROLLING WITH A THREE-WHEEL OR TANDEM ROLLER.

3.6 FINISH GRADING:

- A. PERFORM ALL GRADING TO PROVIDE SMOOTH, EVEN SURFACE DRAINAGE OF THE ENTIRE AREA WITHIN THE LIMITS OF CONSTRUCTION. GRADING SHALL BE COMPATIBLE WITH ALL SURROUNDING TOPOGRAPHY AND STRUCTURES.
- B. UTILIZE SATISFACTORY FILL MATERIALS RESULTING FROM THE EXCAVATION WORK IN THE CONSTRUCTION OF FILLS, EMBANKMENTS AND FOR THE REPLACEMENT OF REMOVED UNSUITABLE MATERIALS.
- C. ACHIEVE FINISHED GRADE BY PLACING A MINIMUM OF 6" OF AB 3 ON TOP OF SOIL STABILIZER FABRIC.
- D. REPAIR ALL ACCESS ROADS AND SURROUNDING AREAS USED DURING THE COURSE OF THIS WORK TO THEIR ORIGINAL CONDITION.

END OF SECTION

STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-671			
ENGINEER	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	REVIEW ONLY
REJ ROBERT E. JENSEN	18096	CIVIL	
CD CHRISTOPHER GUARNOTTI	28673	CIVIL	
PJD PATRICK J. DAVIS	25067	CIVIL	
SDK SHELTON D. KEISLING	13854	ELECTRICAL	
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT

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MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

SPECIFICATIONS
(4 OF 7)

SHEET #

SP-1.3

FENCES AND GATES (UNLESS NOTED OTHERWISE)**PART 1: GENERAL****1.1 SUMMARY:**

- A. PROVIDE FENCING AND GATES INCLUDING ALL ASSOCIATED POSTS, RAILS, BRACES, TERMINAL POSTS, AND RELATED MATERIALS AS SHOWN ON DRAWINGS.
1. TYPE A: GALVANIZED CHAIN LINK FENCING AND GATES
 2. TYPE B: GALVANIZED CHAIN LINK FENCING AND GATES WITH BARBED WIRE
 3. TYPE C: TREATED WOOD FENCING AND GATES
 4. MATCH EXISTING FENCE
- B. TERMINOLOGY:
1. CHAIN LINK CLASSIFICATION: GALVANIZED (ZINC COATED).
 2. TREATED LUMBER: TREATED LUMBER SHALL BE "ACQ" OR APPROVED EQUAL. CCA WILL NOT BE ACCEPTED.
 3. O.D.: OUTSIDE DIMENSION

1.2 QUALITY ASSURANCE:

- A. COMPLY WITH GOVERNING CODES AND REGULATIONS.
- B. PROVIDE PRODUCTS OF ACCEPTABLE MANUFACTURERS, WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR THREE YEARS. USE EXPERIENCED INSTALLERS.

1.3 SCHEDULING AND SEQUENCING:

- A. CERTAIN PORTIONS OF THE WORK MAY BE SPECIFIED TO BE COMPLETED AND OPERATIONAL PRIOR TO COMPLETION OF ALL WORK. SEQUENCE AND PROPERLY PROTECT EQUIPMENT TO PREVENT CONTAMINATION OR DAMAGE TO EQUIPMENT IN ADJACENT WORK AREAS.
- B. STORAGE AND PROTECTION: STORE MATERIALS A MINIMUM OF 12" ABOVE GROUND.

PART 2A: PRODUCTS – CHAIN LINK FENCES AND GATES**2A.1 PRODUCTS:**

- A. FENCE FABRIC, POSTS, TENSION WIRE, CORNER POSTS, AND APPURTENANCES SHALL CONFORM TO THE ASTM CODES AND STANDARDS FOR THE APPROPRIATE TYPE OF MATERIALS AS LISTED.
- B. MATERIALS SHALL BE UNIFORM, CONSISTENT, AND MEET THE FOLLOWING REQUIREMENTS.
1. FENCE FABRIC: 6'-0" HIGH (UNLESS NOTED OTHERWISE), HEAVY GALVANIZED CHAIN LINK FENCE CONFORMING TO ASTM A392, CLASS 2, OF 2" MESH 9 GAGE WIRE (0.148" DIAMETER), WITH THE TOP SELVAGE BARBED AND THE BOTTOM KNUCKLED.
 2. LINE POSTS: LINE POSTS SHALL BE GALVANIZED PIPE. COMPLY WITH ASTM F 1083.
 3. END, CORNER, AND PULL POSTS: GALVANIZED PIPE. COMPLY WITH ASTM F 1083.
 4. GATE POSTS: GALVANIZED PIPE. COMPLY WITH ASTM F 1083.
 5. BRACE RODS (LOCATED ON EACH SIDE OF GATES AND EACH SIDE AT CORNERS): GALVANIZED PIPE.
 6. TRUSS RODS/CROSS BRACING: DIAGONAL BARS WITH TURNBUCKLE.
 7. TENSION WIRE: US STEEL WIRE GALVANIZED PER ASTM A118 COATING CLASS III
 8. APPURTENANCES SUCH AS BRACE BANDS, TENSION BANDS AND BARS: FABRICATED OF GALVANIZED STEEL WITH GALVANIZED STEEL CARRIAGE BOLTS AND NUTS PER ASTM A123. TENSION BARS SHALL BE GALVANIZED STEEL BAR PER ASTM A153.
 9. FABRIC TIES: CLASS I GALVANIZED STEEL WIRE NO LESS THAN 9 GA.
 10. POST TOPS: PROVIDED FOR EACH POST. MATERIALS SHALL BE PRESSED STEEL OR MALLEABLE IRON THAT PROVIDES WATERTIGHT CLOSURE CAP FOR TUBULAR POSTS AND SHALL BE GALVANIZED PER ASTM A153.
 11. BARBED WIRE: BARBED WIRE SHALL CONSIST OF DOUBLE STRANDED, 12-1 1/2 GAGE O.C. THE TOP WIRE ASTM A121, CLASS 3 WITH 4 POINT BARBS, SHALL CONSIST OF 3 STRANDS OF BARBED WIRE ATTACHED TO A 45 DEGREE ANGLE WITH HEAVY PRESSED ARMS CAPABLE OF WITHSTANDING, WITHOUT FAILURE 250 POUNDS DOWNWARD PULL AT THE OUTERMOST END OF THE ARM.

12. GATES

- a. GATE MATERIALS SUCH AS FABRIC, BOLTS, NUTS, AND TENSION BARS, SHALL BE CONSISTENT WITH FENCE MATERIALS. GATES SHALL CONSIST OF BOTH SINGLE AND DOUBLE SWING GATES AS SHOWN ON THE DRAWINGS.
- b. GATES SHALL BE MANUALLY OPERATED.
- c. GATE FRAMES SHALL BE FURNISHED WITH ALL NECESSARY FITTINGS, INCLUDING HEAVY DUTY COMMERCIAL DOUBLE GATE LATCH.

PART 2B PRODUCTS: WOOD FENCES AND GATES**2B.1 PRODUCTS:**

- A. FENCE MATERIALS, INCLUDING POSTS, RAILS, CORNER POSTS, AND PICKETS SHALL BE AS FOLLOWS:
1. END CORNER, GATE, AND PULL POSTS SHALL BE GALVANIZED STEEL PIPE PER ASTM A120.
 2. LINE POSTS UP TO SHALL BE COLD-FORMED AND WELDED STEEL PIPE COMPLYING WITH ASTM F 1043 & ASTM A120.
 3. TOP, MIDDLE, AND BOTTOM RAILS SHALL BE TREATED LUMBER.
 4. PICKETS SHALL BE TREATED LUMBER.
- B. TREATED LUMBER
1. ALL ABOVE GROUND MATERIALS SHALL BE TREATED WITH A MINIMUM OF .25 POUNDS OF PRESERVATIVE PER CUBIC FOOT OF MATERIAL.
 2. TREATMENT FOR LUMBER SHALL BE APPROVED BY ALL GOVERNING BODIES.
- C. GATES:
1. MANUALLY OPERATED WOOD GATES SHALL BE CONSTRUCTED WITH STEEL FRAME AND WOOD PICKETS. GATES SHALL BE SINGLE OR DOUBLE SWING AS INDICATED ON DRAWINGS.
- D. PIPE GRIP TIES: PROVIDE PIPE GRIP TIES OF RECOMMENDED SIZE FOR USE WITH STEEL POSTS SIMPSON PGT'S. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

PART 3: EXECUTION**3.1 INSTALLATION:**

- A. PHYSICAL LOCATIONS OF FEATURES SUCH AS FENCE LINES, GATES, TERMINAL POSTS SHALL BE PER THE PLANS.
- B. INSTALL MATERIALS PER MANUFACTURER'S INSTRUCTIONS. COMPLY WITH ASTM F 567 FOR CHAIN LINK FENCES AND F 537 FOR WOOD FENCES. INSTALL MATERIALS WITH UNIFORM APPEARANCE. COORDINATE WITH OTHER SECTIONS.
- C. PROVIDE A REASONABLY SMOOTH PROFILE AT FENCE LINE. BOTTOM OF FENCE SHALL NOT BE MORE THAN 2" ABOVE FINISHED GRADE. IF FENCE CROSSES EXTREME GRADE DEPRESSION, CONFORM THE FENCE TO THE GROUND CONTOUR, UNLESS NOTED OTHERWISE. CLOSE SPACE BELOW THE BOTTOM OF THE FENCE WITH ADDITIONAL FENCE MATERIALS WHILE MAINTAINING A UNIFORM TOP.
- D. POST SPACING AND INSTALLATION
1. INSTALL LINE POSTS AND BRACE AT EVENLY SPACED INTERVAL LOCATE CORNER AND TERMINAL POSTS PER DRAWINGS. INSTALL CORNER POSTS WHERE CHANGES IN GRADE EXCEED 30 DEGREES.
 2. SET POSTS VERTICALLY IN CYLINDRICAL CONCRETE FOUNDATION IN ACCORDANCE WITH ASTM F567.
 3. TOP SURFACE OF THE CONCRETE FOUNDATION SHALL BE SMOOTH 1/2" CROWN, SLOPING AWAY FROM THE POST AND BE A MINIMUM OF 4" BELOW GRADE. THE POST SHALL BE 6" FROM THE BOTTOM OF THE CONCRETE POUR.
 4. HOLES MAY BE HAND AUGURED OR DRILLED. IF ROCK IS ENCOUNTERED, DRILL MIN. 12" FOR LINE POSTS AND 18" FOR CORNER, GATE, OR TERMINAL POSTS. DRILL HOLES 1" LARGER DIAMETER AND DEPTH OF FOUNDATION. IF SOLID ROCK IS BELOW SOIL OVERBURDEN, DRILL TO FULL DEPTH REQUIRED, EXCEPT PENETRATION INTO ROCK NEED NOT EXCEED MINIMUM DEPTHS SPECIFIED.
- E. SETTING POSTS
1. REMOVE ANY LOOSE AND FOREIGN MATERIALS FROM THE SIDES AND BOTTOMS OF THE HOLES; MOISTEN SOIL PRIOR TO PLACING THE CONCRETE. CENTER AND ALIGN POSTS, TAMP TO CONSOLIDATE, AND SECURE UNTIL CONCRETE IS FULLY CURED.
 2. KEEP CONCRETE SURFACES MOIST FOR AT LEAST 7 DAYS AFTER PLACEMENT
 3. POSTS SET IN SLEEVED HOLES SHALL BE GROUTED IN PLACE USING A NON-SHRINK PORTLAND CEMENT GROUT APPROVED BY THE ENGINEER.

4. PRIOR TO PLACING COMPONENTS SUCH AS FABRIC, RAILS, TENSION WIRE, AND GATES, VERIFY THAT THE CONCRETE HAS REACHED AT LEAST 75% OF ITS DESIGN STRENGTH AS PRESCRIBED ON THE PLAN DETAILS, OR HAS CURED A MINIMUM OF 7 DAYS AFTER SETTING THE POSTS.

F. BRACING (CHAIN LINK FENCE ONLY)

1. INSTALL TENSION WIRES PARALLEL TO THE LINE OF FABRIC BY WEAVING NO LESS THAN 7 GA. WIRE OF THE APPROPRIATE TYPE THROUGH FABRIC AND TYING TO EACH POST. INSTALL TENSION WIRE BEFORE STRETCHING FABRIC.
2. INSTALL HORIZONTAL PIPE BRACE AT MID-HEIGHT ON EACH SIDE OF TERMINAL POSTS. FIRMLY ATTACH WITH FITTINGS. INSTALL DIAGONAL TRUSS RODS AT THESE POINTS. ADJUST TRUSS ROD, ENSURING POSTS REMAIN PLUMB.

G. INSTALLING FABRIC (CHAIN LINK FENCE ONLY)

1. INSTALL THE CHAIN LINK FENCE FABRIC SO THAT THE POSTS ARE ENCLOSED. STRETCH THE FABRIC TAUT, APPROXIMATELY 2" ABOVE THE GROUND, AND SECURELY TO THE POSTS.
2. CUT FABRIC AND ATTACH EACH SPAN INDEPENDENTLY AT ALL TERMINAL AND CORNER POSTS. USE STRETCHER BARS WITH FABRIC BANDS SPACED AT MAX. 5" INTERVALS TO FASTEN FABRIC TO TERMINAL POSTS. USE TIE WIRE, METAL BANDS, OR OTHER APPROVED MATERIAL ATTACHED AT MAXIMUM 15" INTERVALS TO FASTEN FABRIC TO LINE POSTS, TOP RAIL OR BOTTOM TENSION WIRE.

H. INSTALLING GATES

1. INSTALL GATES ACCORDING TO THE LOCATIONS, TYPE, AND SIZE INDICATED ON THE PLANS.
2. GATES SHALL BE BRACED AND TRUSSED TO PREVENT SAGGING, BUCKLING, AND WEAVING, AND COVERED WITH SAME FABRIC AS THE FENCE, UNLESS NOTED OTHERWISE. FIXED END RATCHET BANDS SHALL BE FURNISHED FOR FASTENING. FURNISH GATES WITH ALL FITTINGS AND HARDWARE REQUIRED. HEAVY DUTY COMMERCIAL LATCHES PROVIDED FOR USE WITH PADLOCK AND HINGES SHALL ALLOW 180 DEGREE SWING. PROVIDE 3/8" DIAMETER CROSSBRACING.
3. INSTALL GATES PLUMB, LEVEL, AND SECURE FOR THE FULL OPENING WITHOUT INTERFERENCES
4. INSTALL ALL ITEMS PER MANUFACTURER'S RECOMMENDATIONS. INSPECT ALL PARTS AND ATTACHMENTS FOR DEFECTS, AND INSTALL, LUBRICATE, AND ADJUST EQUIPMENT TO ENSURE SMOOTH OPERATION.
5. INSTALL (WELD TO GATE FRAME) (2) 8" SECTIONS (ONE PER GATE) OF 1/4" NOMINAL WELDED, GRADE 30 MINIMUM GALVANIZED STEEL CHAIN JUST BELOW LATCH FOR PADLOCKS. VERIFY INSIDE DIMENSIONS OF CHAIN LINK WILL RECEIVE STANDARD PADLOCKS.

I. MISCELLANEOUS INSTALLATION (CHAIN LINK FENCE)

1. USE U-SHAPED TIE WIRES, CONFORMING TO THE DIAMETERS OF PIPE, THAT CLASP THE PIPE AND FABRIC FIRMLY WITH ENDS TWISTED AT LEAST 2 FULL TURNS.
2. INSTALL NUTS FOR FASTENERS ON TENSION BANDS AND HARDWARE BOLTS ON THE SIDE OF THE FENCE OPPOSITE THE FABRIC. THE ENDS OF BOLTS, ONCE SECURE AND CHECKED FOR SMOOTH OPERATION, SHALL BE PEENED TO PREVENT REMOVAL OF NUTS.

3.2 PROTECTION:

- A. A GUARANTEE SHALL BE FURNISHED FOR ALL MATERIALS, INSTALLATION, AND WORKMANSHIP TO BE FREE OF DEFECTS FOR A PERIOD OF 1 YEAR FROM THE DATE OF ACCEPTANCE UNLESS NOTED OTHERWISE IN THE CONTRACT DOCUMENTS. ANY DEFECT IN INSTALLATION OR WORKMANSHIP SHALL BE REPAIRED, AND/OR REPLACED WITHOUT COST TO THE OWNER.
- B. REPAIR COATINGS DAMAGED IN THE FIELD AS RECOMMENDED BY THE MANUFACTURER.

END OF SECTION

-STAMP

PRELIMINARY ISSUE

ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-571			
ENGINEER	PE#	DISCIPLINE	
KMV KEVIN M. VANMAELE	22105	CIVIL	MINOR DISC'D
REJ ROBERT E. JENSEN	16096	CIVIL	
CS CHRISTOPHER GUANNOTTI	25673	CIVIL	
PJO PATRICK J. DAVIS	25087	CIVIL	
SDK SHELTON D. KEISLING	13654	ELECTRICAL	MINOR DISC'D
DJW DAVID J. WALDRON	31220	ELECTRICAL	
TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT

verizon

PLANS PREPARED FOR



PLANS PREPARED BY



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SUBMITTALS				
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ISSUED FOR REVIEW	09/30/25	AWD	A	
REISSUED PER CLIENT COMMENTS	11/04/25	AWD	B	

-MLA SITE NAME-

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

**MTPL NEVADA RELHR
TBD**

-SITE ADDRESS-

**3751 NEVADA ROAD
OTTAWA, KS 66067**

-SHEET DESCRIPTION-

**SPECIFICATIONS
(5 OF 7)**

-SHEET #

SP-1.4

NEW VZW UTILITY EASEMENT
ACCESS UTILITY EASEMENT
VZW LANDSPACE
PENETRATIONS
RR/BBU
ANTENNAS
FIBER
POWER/ GROUNDING
HYBRID & COAX CABLES

ELECTRICAL

PART 1: GENERAL

1.1 GENERAL CONDITIONS:

- A. THE CONTRACTOR SHALL INSPECT THE SITE WHERE THIS WORK IS TO BE PERFORMED AND FULLY FAMILIARIZE HIMSELF WITH ALL CONDITIONS RELATED TO THIS PROJECT.
- B. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND LICENSES AND SHALL MAKE ALL DEPOSITS AND PAY ALL FEES REQUIRED FOR THE PERFORMANCE OF WORK UNDER THIS SECTION.
- C. DRAWINGS SHOW THE GENERAL ARRANGEMENT OF ALL SYSTEMS AND COMPONENTS COVERED UNDER THIS SECTION. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS. DRAWINGS SHALL NOT BE SCALED TO DETERMINE DIMENSIONS.

1.2 LAWS, REGULATIONS, ORDINANCES, STATUTES AND CODES:

- A. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, AND ALL APPLICABLE LOCAL LAWS, REGULATIONS, ORDINANCES, STATUTES AND CODES.

1.3 REFERENCES:

- A. THE PUBLICATIONS LISTED BELOW FORM PART OF THIS SPECIFICATION. EACH PUBLICATION SHALL BE THE LATEST REVISION AND ADDENDUM IN EFFECT ON THE DATE THIS SPECIFICATION IS ISSUED FOR CONSTRUCTION UNLESS NOTED OTHERWISE. EXCEPT AS MODIFIED BY THE REQUIREMENTS SPECIFIED HEREIN OR THE DETAILS OF THE DRAWINGS, WORK INCLUDED IN THIS SPECIFICATION SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THESE PUBLICATIONS.

1. NEC (NATIONAL ELECTRICAL CODE)
2. ANSI/IEEE (AMERICAN NATIONAL STANDARDS INSTITUTE)
3. IEEE (INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS)
4. ASTM (AMERICAN SOCIETY FOR TESTING AND MATERIALS)
5. ICEA (INSULATED CABLE ENGINEERS ASSOCIATION)
6. NEMA (NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION)
7. NFPA (NATIONAL FIRE PROTECTION ASSOCIATION)
8. OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION)
9. UL (UNDERWRITERS LABORATORIES, INC.)

1.4 SCOPE OF WORK:

- A. WORK UNDER THIS SECTION SHALL CONSIST OF FURNISHING ALL LABOR, MATERIAL AND ASSOCIATED SERVICES REQUIRED TO COMPLETELY CONSTRUCT AND LEAVE READY FOR OPERATION SYSTEMS AS SHOWN ON THE DRAWINGS AND HEREIN DESCRIBED.
- B. ALL ELECTRICAL EQUIPMENT UNDER THIS CONTRACT SHALL BE PROPERLY TESTED, ADJUSTED, AND ALIGNED BY THE CONTRACTOR.
- C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATING, DRAINING, TRENCHES, BACKFILLING, AND REMOVAL OF EXCESS DIRT.
- D. THE CONTRACTOR SHALL FURNISH TO THE OWNER, CERTIFICATES OF FINAL INSPECTION AND APPROVAL FROM THE INSPECTION AUTHORITIES HAVING JURISDICTION.

PART 2: PRODUCTS

2.1 GENERAL:

- A. ALL ITEMS OF MATERIALS AND EQUIPMENT SHALL BE NEW, FREE FROM DEFECTS AND OF THE BEST QUALITY NORMALLY USED FOR THE PURPOSE IN GOOD COMMERCIAL PRACTICE.
- B. ALL MATERIALS AND EQUIPMENT SHALL BE ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION AS SUITABLE FOR THE USE INTENDED.
- C. ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE.
- D. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING RATING EQUAL TO OR GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 10,000 AIC MINIMUM. VERIFY AVAILABLE SHORT CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT.

2.2 MATERIALS AND EQUIPMENT:

A. CONDUIT:

1. RIGID GALVANIZED STEEL CONDUIT (RGS) SHALL BE HOT-DIP GALVANIZED INSIDE AND OUTSIDE INCLUDING ENDS AND THREADS AND ENAMELED OR LACQUERED INSIDE IN ADDITION TO GALVANIZING.
2. FLEXIBLE METAL CONDUIT SHALL BE GALVANIZED, ZINC-COATED STEEL, PVC COATED FOR OUTDOOR APPLICATIONS.
3. CONDUIT CLAMPS, STRAPS AND SUPPORTS SHALL BE STEEL OR MALLEABLE IRON. ALL FITTINGS SHALL BE COMPRESSION TYPE AND WATERTIGHT.
4. NON-METALLIC CONDUIT AND FITTINGS SHALL BE SCHEDULE 40 PVC, HEAVY-WALL RIGID WITH SOLVENT-CEMENT-TYPE JOINTS AS RECOMMENDED BY THE MANUFACTURER.

B. WIRE AND CABLE:

1. WIRE AND CABLE SHALL BE FLAME-RETARDANT, MOISTURE AND HEAT RESISTANT THERMOPLASTIC, SINGLE CONDUCTOR, COPPER, TYPE THHN/THWN-2, 600 VOLT, SIZES AS INDICATED, #12 AWG MINIMUM.
2. #10 AWG AND SMALLER CONDUCTORS SHALL BE SOLID AND #8 AWG AND LARGER CONDUCTORS SHALL BE STRANDED.
3. SOLDERLESS, PRESSURE-TYPE CONNECTORS CONSTRUCTED OF HIGH-STRENGTH, NON-CORRODIBLE, TIN-PLATED COPPER DESIGNED TO FURNISH HIGH-PULLOUT STRENGTH AND HIGH CONDUCTIVITY JOINTS SHALL BE USED.
4. SUPPORT GRIPS SHALL BE SINGLE WEAVE, CLOSED MESH, HIGH-GRADE, NON-MAGNETIC, TIN-COATED BRONZE CAPABLE OF SUPPORTING TEN TIMES THE CABLE DEAD WEIGHT, HUBBELL KELLEMS OR APPROVED EQUAL.

C. DISCONNECT SWITCHES:

1. DISCONNECT SWITCHES SHALL BE HEAVY DUTY, DEAD-FRONT, QUICK-MAKE, QUICK-BREAK, EXTERNALLY OPERABLE, HANDLE LOCKABLE AND INTERLOCKED WITH COVER IN CLOSED POSITION, RATING AS INDICATED, UL LABELED FURNISHED IN NEMA 3R ENCLOSURE, SQUARE D CLASS 3110 OR APPROVED EQUAL.

D. SYSTEM GROUNDING:

1. GROUNDING CONDUCTOR SHALL BE SOLID TINNED BARE COPPER, SIZE AS INDICATED, EXCEPT ABOVE GROUND GROUNDING CONDUCTORS SHALL BE STRANDED INSULATED.
2. GROUND BUSSES SHALL BE GALVANIZED STEEL BARS OF RECTANGULAR CROSS SECTION.
3. CONNECTORS SHALL BE HIGH-CONDUCTIVITY, HEAVY DUTY, LISTED AND LABELED AS GROUNDING CONNECTORS FOR THE MATERIALS USED. USE TWO-HOLE COMPRESSION LUGS WITH HEAT SHRINK FOR MECHANICAL CONNECTIONS.
4. EXOTHERMIC WELDED CONNECTIONS SHALL BE PROVIDED IN KIT FORM AND SELECTED FOR THE SPECIFIC TYPES, SIZES, AND COMBINATIONS OF CONDUCTORS AND OTHER ITEMS TO BE CONNECTED.
5. GROUND RODS SHALL BE COPPER-CLAD STEEL WITH HIGH-STRENGTH STEEL CORE AND ELECTROLYTIC-GRADE COPPER OUTER SHEATH, MOLTEN WELDED TO CORE, 3/4" x 10'-0".

E. OTHER MATERIALS:

1. THE CONTRACTOR SHALL PROVIDE OTHER MATERIALS, THOUGH NOT SPECIFICALLY DESCRIBED, WHICH ARE REQUIRED FOR A COMPLETELY OPERATIONAL SYSTEM AND PROPER INSTALLATION OF THE WORK.

STAMP



ENGINEERING LICENSE			
STATE OF KANSAS			
PE CERTIFICATE OF AUTHORIZATION # E-671			
ENGINEER:	PE#	DISCIPLINE	
KMY KEVIN M. VANMAELE	22105	CIVIL	
REJ ROBERT E. JENSEN	16096	CIVIL	
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APPLICANT



PLANS PREPARED FOR:



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APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

SHEET DESCRIPTION

SPECIFICATIONS
(6 OF 7)

SHEET #

SP-2.0

NEW/VOY
UTILITY
EASEMENT

ACCESS/UTILITY
EASEMENT

VZV LANDSPACE

PENETRATIONS

RR/HBBU

ANTENNAS

FIBER

POWER/
GROUNDING

HYBRID &
COAX CABLES

PART 3: EXECUTION

3.1 GENERAL:

- A. ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- B. EQUIPMENT SHALL BE TIGHTLY COVERED AND PROTECTED AGAINST DIRT OR WATER, AND AGAINST CHEMICAL OR MECHANICAL INJURY DURING INSTALLATION AND CONSTRUCTION PERIODS.

3.2 LABOR AND WORKMANSHIP:

- A. ALL LABOR FOR THE INSTALLATION OF MATERIALS AND EQUIPMENT FURNISHED FOR THE ELECTRICAL SYSTEM SHALL BE DONE BY EXPERIENCED MECHANICS OF THE PROPER TRADES.
- B. ALL ELECTRICAL EQUIPMENT FURNISHED SHALL BE ADJUSTED, ALIGNED AND TESTED BY THE CONTRACTOR AS REQUIRED TO PRODUCE THE INTENDED PERFORMANCE.
- C. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXPOSED EQUIPMENT, REMOVE ALL LABELS AND ANY DEBRIS, CRATING OR CARTONS AND LEAVE THE INSTALLATION FINISHED AND READY FOR OPERATION.

3.3 COORDINATION:

- A. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL ITEMS WITH THE OWNER—FURNISHED EQUIPMENT DELIVERY SCHEDULE TO PREVENT UNNECESSARY DELAYS IN THE TOTAL WORK.

3.4 INSTALLATION:

A. CONDUIT:

- ALL ELECTRICAL WIRING SHALL BE INSTALLED IN CONDUIT AS HEREIN SPECIFIED. NO CONDUIT OR TUBING OF LESS THAN 3/4" NOMINAL SIZE SHALL BE USED.
- PROVIDE RGS CONDUIT FOR ALL EXPOSED, EXTERIOR CONDUIT.
- PROVIDE SCHEDULE 40 PVC OR RGS CONDUIT BELOW GRADE, 1" MINIMUM, UNLESS NOTED OTHERWISE. ALL 90 DEGREE BENDS TO ABOVE GRADE SHALL BE RGS. MINIMUM BURIAL DEPTH SHALL BE 24" CLEAR TO TOP OF CONDUIT, UNLESS NOTED OTHERWISE.
- USE GALVANIZED FLEXIBLE STEEL CONDUIT WHERE DIRECT CONNECTION IS NOT DESIRABLE FOR REASONS OF EQUIPMENT MOVEMENT, VIBRATION, OR FOR EASE OF MAINTENANCE. USE LIQUIDTIGHT, PVC COATED FLEXIBLE METAL CONDUIT FOR OUTDOOR APPLICATIONS.
- INSTALL GALVANIZED FLEXIBLE STEEL CONDUIT AT ALL POINTS OF CONNECTION TO EQUIPMENT MOUNTED ON SUPPORTS TO ALLOW FOR EXPANSION AND CONTRACTION.
- A RUN OF CONDUIT BETWEEN BOXES OR FITTINGS SHALL NOT CONTAIN MORE THAN THE EQUIVALENT OF FOUR QUARTER-BENDS INCLUDING THOSE BENDS LOCATED IMMEDIATELY AT THE BOX OR FITTING. THE RADIUS OF BENDS SHALL NEVER BE SHORTER THAN THAT OF THE CORRESPONDING TRADE ELBOW.
- WHERE CONDUIT HAS TO BE CUT IN THE FIELD, IT SHALL BE CUT SQUARE WITH A PIPE CUTTER USING CUTTING KNIVES.
- ALL CONDUITS SHALL BE SWABBED CLEAN BY PULLING AN APPROPRIATE SIZE MANDREL THROUGH THE CONDUIT BEFORE INSTALLATION OF WIRE OR CABLE. CLEAR ALL BLOCKAGES AND REMOVE BURRS, DIRT, AND DEBRIS.
- INSTALL PULL STRINGS IN ALL EMPTY CONDUITS. IDENTIFY PULL STRINGS AT EACH END WITH ITS DESTINATION.
- PROVIDE INSULATED GROUNDING BUSHINGS FOR ALL CONDUITS STUBBED INTO EQUIPMENT ENCLOSURES OR STUBBED OUT FOR FUTURE USE BY OTHERS.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL CONDUITS DURING CONSTRUCTION. TEMPORARY OPENINGS IN THE CONDUIT SYSTEM SHALL BE PLUGGED OR CAPPED TO PREVENT ENTRANCE OF MOISTURE OR FOREIGN MATTER. CONTRACTOR SHALL REPLACE ANY CONDUITS CONTAINING FOREIGN MATERIALS THAT CANNOT BE REMOVED.
- INSTALL 2" ORANGE DETECTABLE TAPE 12" ABOVE ALL UNDERGROUND CONDUIT AND WIRE.
- CONDUITS SHALL BE INSTALLED IN SUCH A MANNER AS TO INSURE AGAINST COLLECTION OF TRAPPED CONDENSATION.

B. WIRE AND CABLE:

1. ALL POWER WIRING SHALL BE COLOR CODED AS FOLLOWS:

DESCRIPTION	120/240V	208Y/120V	480Y/277V
PHASE A	BLACK	BLACK	BROWN
PHASE B	RED	RED	ORANGE
PHASE C		BLUE	YELLOW
NEUTRAL	WHITE	WHITE	GRAY
GROUND	GREEN	GREEN	GREEN

- SPICES SHALL BE MADE ONLY AT OUTLETS, JUNCTION BOXES, OR ACCESSIBLE RACEWAYS WITH PRESSURE-TYPE CONNECTORS.
- PULLING LUBRICANTS SHALL BE SOAPSTONE POWDER, POWDERED TALC, OR A COMMERCIAL PULLING COMPOUND. NO SOAP SUDS, SOAP FLAKES, OIL, OR GREASE SHALL BE USED, AS THESE MAY BE HARMFUL TO CABLE INSULATION. CONTRACTOR SHALL USE NYLON OR HEMP ROPE FOR PULLING CABLE TO AVOID SCORING THE CONDUIT.
- CABLES SHALL BE NEATLY TRAINED, WITHOUT INTERLACING, AND BE OF SUFFICIENT LENGTH IN ALL BOXES, EQUIPMENT, ETC. TO PERMIT MAKING A NEAT ARRANGEMENT. CABLES SHALL BE SECURED IN A MANNER TO AVOID TENSION ON CONDUCTORS OR TERMINALS, AND SHALL BE PROTECTED FROM MECHANICAL INJURY AND FROM MOISTURE. SHARP BENDS OVER CONDUIT BUSHINGS ARE PROHIBITED. DAMAGED CABLES SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

C. DISCONNECT SWITCHES:

- INSTALL DISCONNECT SWITCHES LEVEL AND PLUMB. CONNECT TO WIRING SYSTEM AND GROUND AS INDICATED.

D. GROUNDING:

- ALL METALLIC PARTS OF ELECTRICAL EQUIPMENT WHICH DO NOT CARRY CURRENT SHALL BE GROUNDED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- PROVIDE ELECTRICAL GROUNDING AND BONDING SYSTEMS INDICATED WITH ASSEMBLY OF MATERIALS, INCLUDING GROUNDING ELECTRODES, BONDING JUMPERS AND ADDITIONAL ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION.
- ROUTE GROUNDING CONNECTIONS AND CONDUCTORS TO GROUND IN THE SHORTEST AND STRAIGHTEST PATHS POSSIBLE TO MINIMIZE TRANSIENT VOLTAGE RISES.
- TIGHTEN GROUNDING AND BONDING CONNECTORS, INCLUDING SCREWS AND BOLTS, IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED TORQUE TIGHTENING VALUES FOR CONNECTORS AND BOLTS. WHERE MANUFACTURER'S TORQUING REQUIREMENTS ARE NOT AVAILABLE, TIGHTEN CONNECTIONS TO COMPLY WITH TIGHTENING TORQUE VALUES SPECIFIED IN UL 486A TO ASSURE PERMANENT AND EFFECTIVE GROUNDING.
- ALL UNDERGROUND GROUNDING CONNECTIONS SHALL BE MADE BY THE EXOTHERMIC WELD PROCESS AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- ALL GROUND CONNECTIONS SHALL BE INSPECTED FOR TIGHTNESS. EXOTHERMIC-WELDED CONNECTIONS SHALL BE APPROVED BY THE CONSTRUCTION INSPECTOR BEFORE BEING PERMANENTLY CONCEALED.
- APPLY CORROSION-RESISTANT FINISH TO FIELD CONNECTIONS, AND PLACES WHERE FACTORY APPLIED PROTECTIVE COATINGS HAVE BEEN DESTROYED. USE COPPER-BASED "NO-OX" OR APPROVED EQUAL.
- A SEPARATE, CONTINUOUS, INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED IN ALL FEEDER AND BRANCH CIRCUITS
- BOND ALL INSULATED GROUNDING BUSHINGS WITH A BARE #8 AWG GROUNDING CONDUCTOR TO A GROUND BUS OR GROUNDING LUG IN ENCLOSURE.
- DIRECT BURIED GROUND CONDUCTORS SHALL BE INSTALLED AT A NOMINAL DEPTH OF 30" BELOW GRADE, UNLESS NOTED OTHERWISE.
- ALL GROUNDING CONDUCTORS EMBEDDED IN OR PENETRATING CONCRETE SHALL BE INSULATED OR INSTALLED IN PVC CONDUIT.
- INSTALL ELECTROLYTIC GROUNDING SYSTEM IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. REMOVE SEALING TAPE FROM LEACHING AND BREATHER HOLES. INSTALL PROTECTIVE BOX FLUSH WITH GRADE.
- DRIVE GROUND 'RODS UNTIL TOPS ARE 30" BELOW FINAL GRADE.
- GROUNDING CONDUCTOR TO EQUIPMENT GROUND LUGS:
 - BOLTED TO EQUIPMENT HOUSING WITH STAINLESS STEEL BOLTS AND LOCK WASHERS.
 - ALL EQUIPMENT TO BE GROUNDED SHALL BE FREE OF PAINT OR ANY OTHER MATERIAL COVERING BARE METAL AT THE POINT OF CONNECTION.

3.5 ACCEPTANCE TESTING:

- A. PROVIDE PERSONNEL AND EQUIPMENT, MAKE REQUIRED TESTS, AND SUBMIT TEST REPORTS UPON COMPLETION OF TESTS.
- B. WHEN MATERIAL AND/OR WORKMANSHIP IS FOUND NOT TO COMPLY WITH THE SPECIFIED REQUIREMENTS, THE NONCOMPLYING ITEMS SHALL BE REMOVED FROM THE JOBSITE AND REPLACED WITH ITEMS COMPLYING WITH THE SPECIFIED REQUIREMENTS PROMPTLY AFTER RECEIPT OF NOTICE OF SUCH NON-COMPLIANCE.

C. TEST PROCEDURES:

- ALL FEEDERS SHALL HAVE THEIR INSULATION TESTED AFTER INSTALLATION, BUT BEFORE CONNECTION TO DEVICES. THE CONDUCTORS SHALL TEST FREE FROM SHORT CIRCUITS AND GROUNDS. TESTING SHALL BE FOR ONE MINUTE USING 1000V DC. INVESTIGATE ANY VALUES LESS THAN 50 MEGAOHMS.
- PRIOR TO ENERGIZING CIRCUITRY, TEST WIRING DEVICES FOR ELECTRICAL CONTINUITY AND PROPER POLARITY CONNECTIONS.
- MEASURE AND RECORD VOLTAGES BETWEEN PHASES AND BETWEEN PHASE WIRES AND NEUTRALS. SUBMIT A REPORT OF MAXIMUM AND MINIMUM VOLTAGES.
- PERFORM GROUND TEST TO MEASURE GROUND RESISTANCE OF GROUNDING SYSTEM USING THE IEEE STANDARD 3-POINT "FALL-OF-POTENTIAL" METHOD. PROVIDE PLOTTED TEST VALUES & LOCATION SKETCH. NOTIFY THE ENGINEER IMMEDIATELY IF MEASURED VALUE IS OVER 5 OHMS.

END OF SECTION

END OF SPECIFICATION

STAMP



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TMS TERRANCE M. SUPER	9250	ELECTRICAL	

APPLICANT



PLANS PREPARED FOR



PLANS PREPARED BY



DRAWING NOTICE
THIS DRAWING HAS NOT BEEN PUBLISHED AND IS THE SOLE PROPERTY OF SSC, INC. AND IS LENT TO THE BORROWER FOR THEIR CONFIDENTIAL USE ONLY. AND IN CONSIDERATION OF THE LOAN OF THIS DRAWING, THE BORROWER PROMISES AND AGREES TO RETURN IT UPON REQUEST AND AGREES THAT IT WILL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY NOR USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS FURNISHED.

SUBMITTALS				
DESCRIPTION	DATE	BY	REV	
ISSUED FOR REVIEW	09/30/25	AWD	A	
REISSUED PER CLIENT COMMENTS	11/04/25	AWD	B	

MLA SITE NAME

STC202-KS NEVADA HRR

APPLICANT SITE NAME & SITE NUMBER

MTPL NEVADA RELHR
TBD

SITE ADDRESS

3751 NEVADA ROAD
OTTAWA, KS 66067

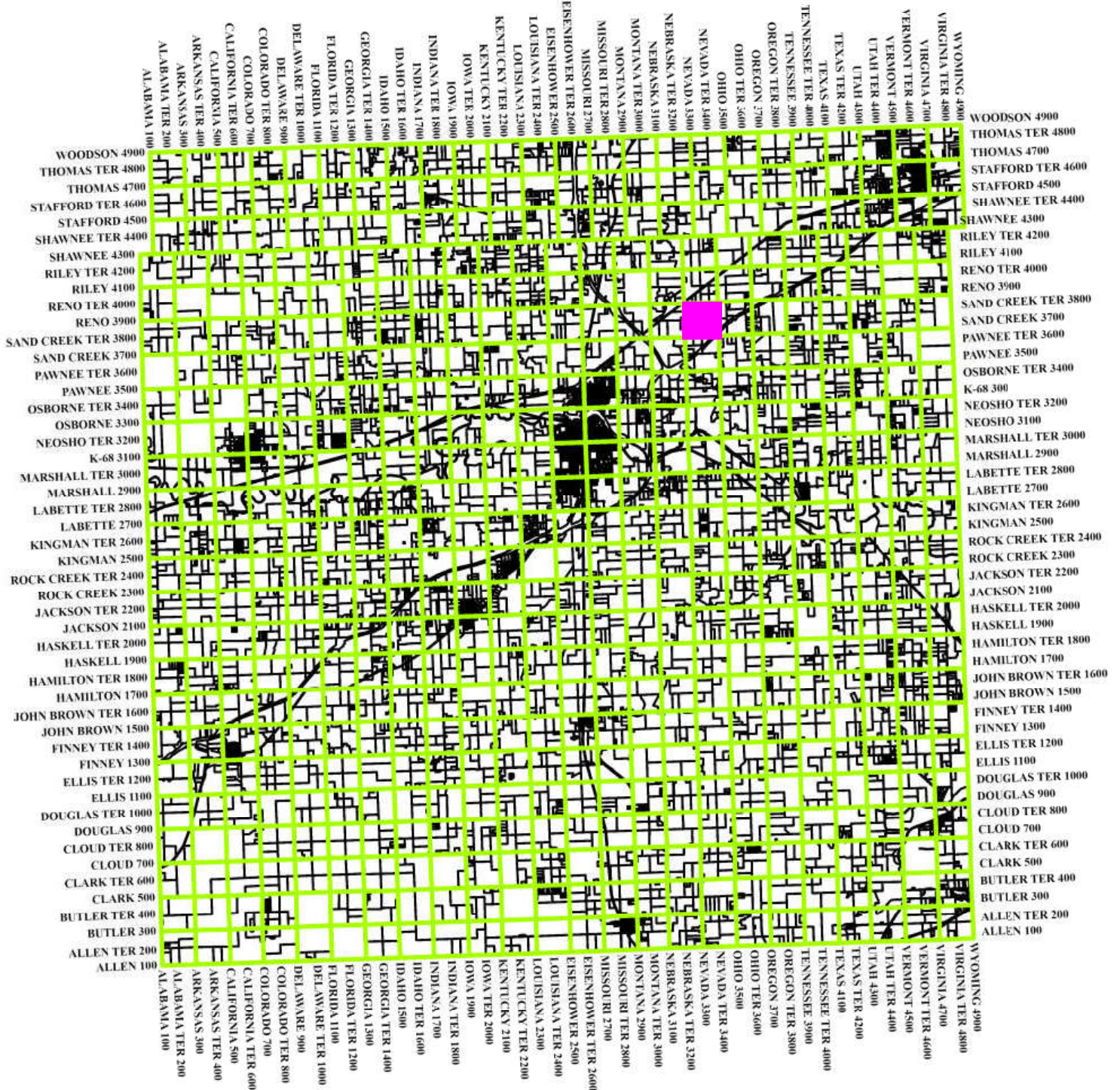
SHEET DESCRIPTION

SPECIFICATIONS
(7 OF 7)

SHEET #

SP-2.1

SELECTIVE SITE CONSULTANTS COUNTYWIDE MAP



SELECTIVE SITE CONSULTANTS ZONING MAP



CITY LIMITS

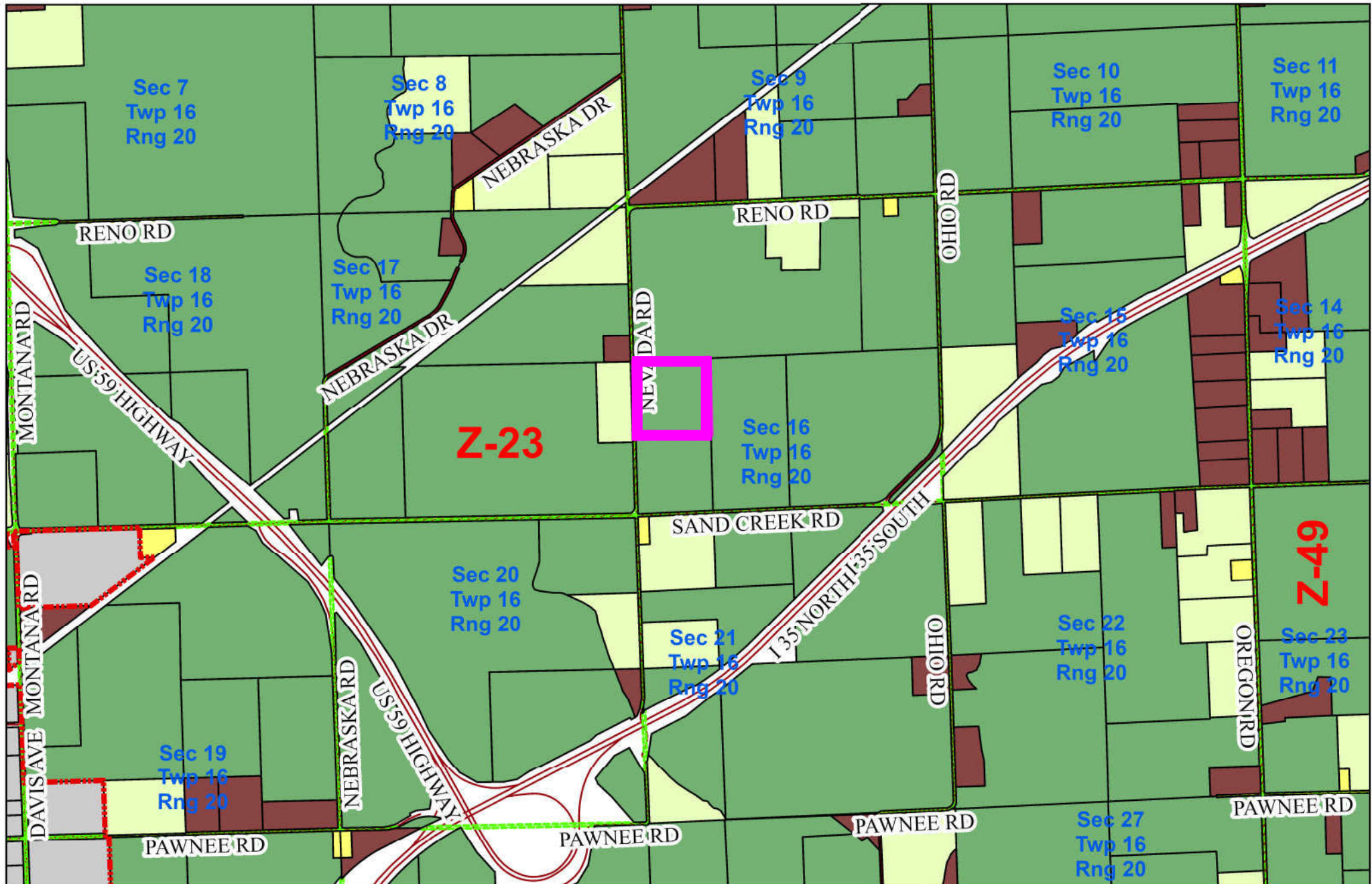
Zoning Map

Agriculture

Transitional Agriculture
 Commercial
 Highway Commercial
 Light Industrial

Heavy Industrial
 Mobile Home Park
 Single Family

Single Family Residential Three Acre
 Residential Estate
 City Zoning



Selective Site Consultants Road Surface & Floodplain Map

ROAD SURFACE

PAVED ROAD

MIN. MAINT.

GRAVEL

ROAD_SURFA

Private Drive

Flood_Year_2022

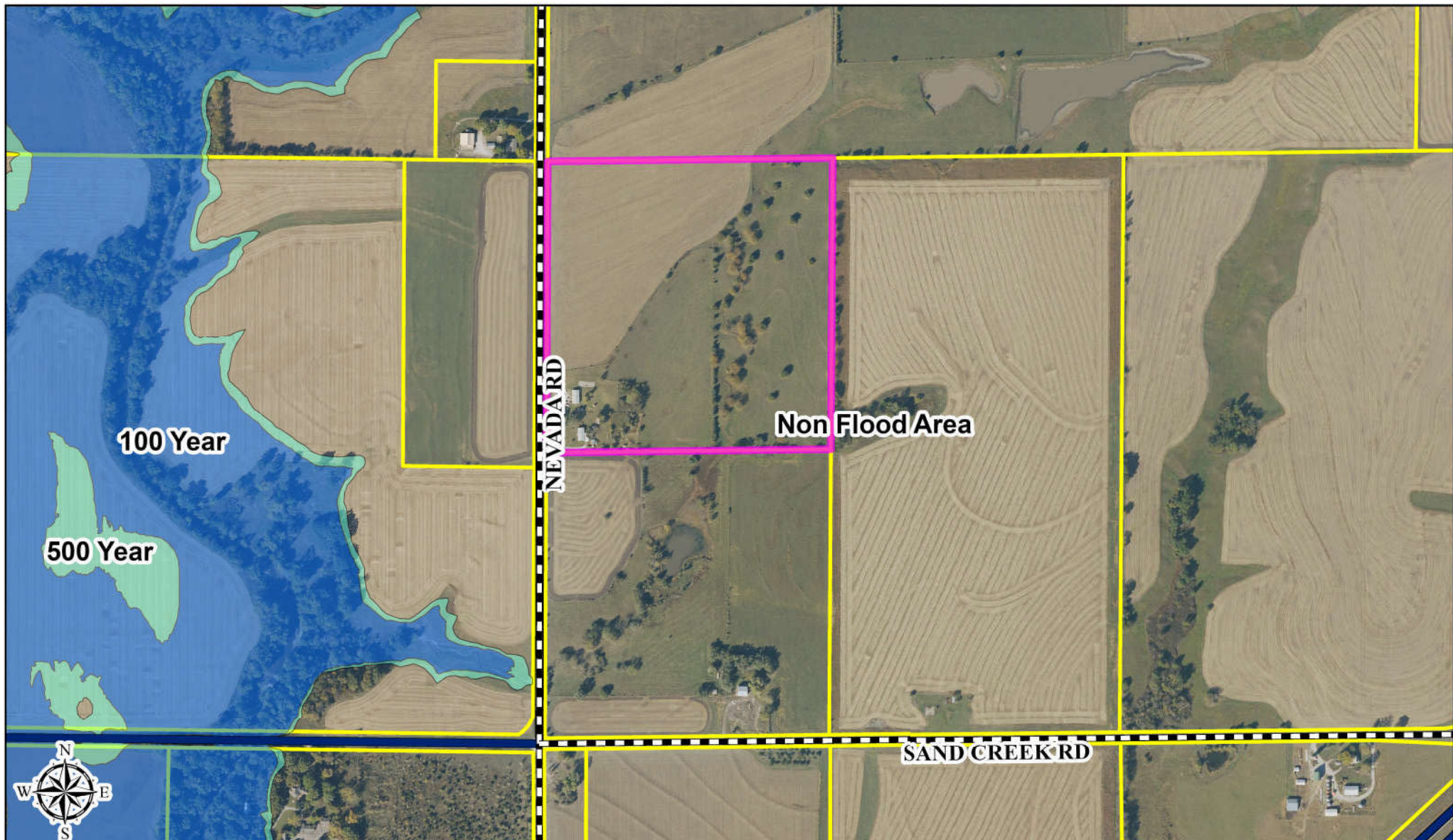
500 Year

Non Flood Area

Reduced Flood Risk due to Levee

100 Year

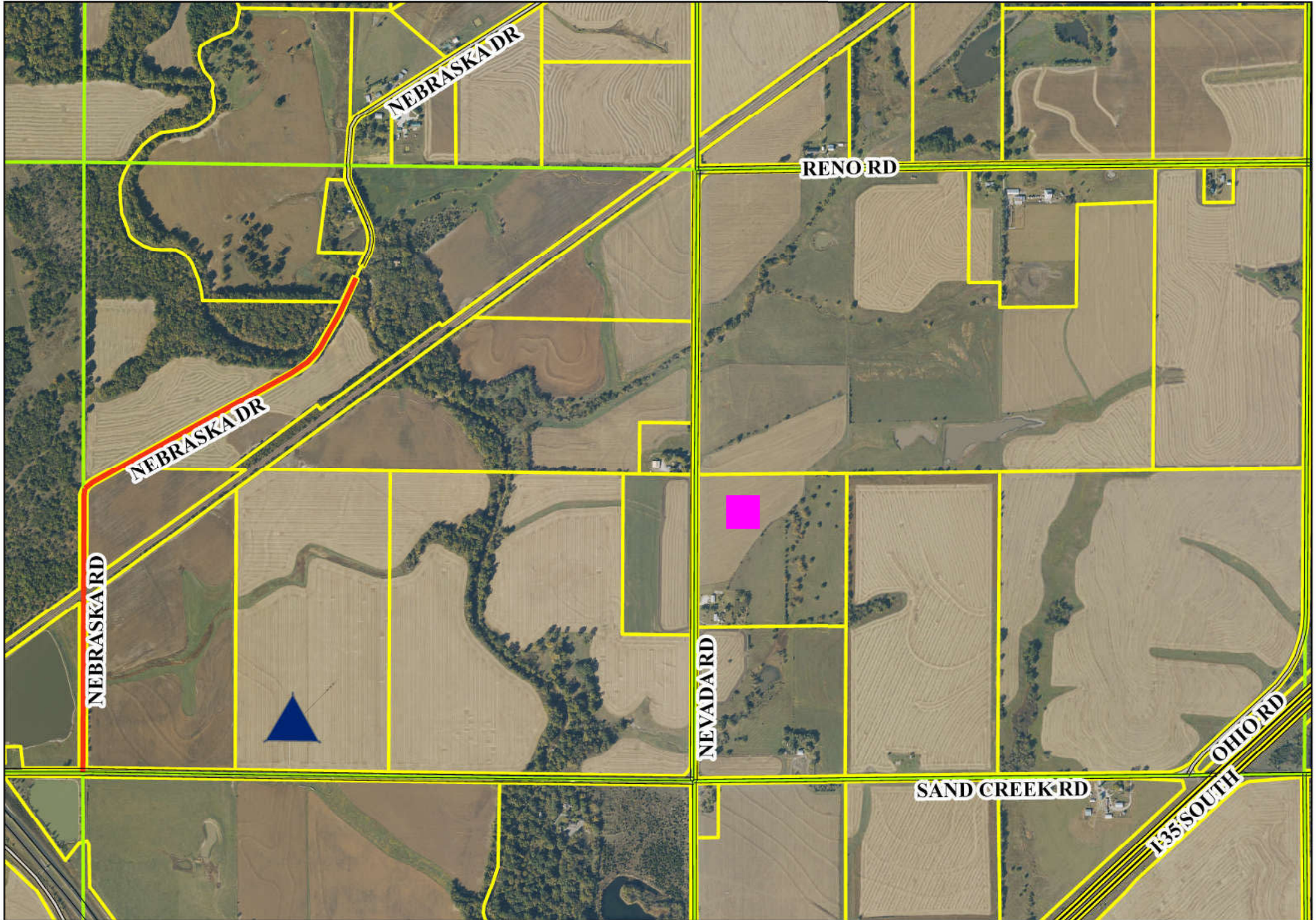
Floodway



SELECTIVE SITE CONSULTANTS AERIAL PHOTO

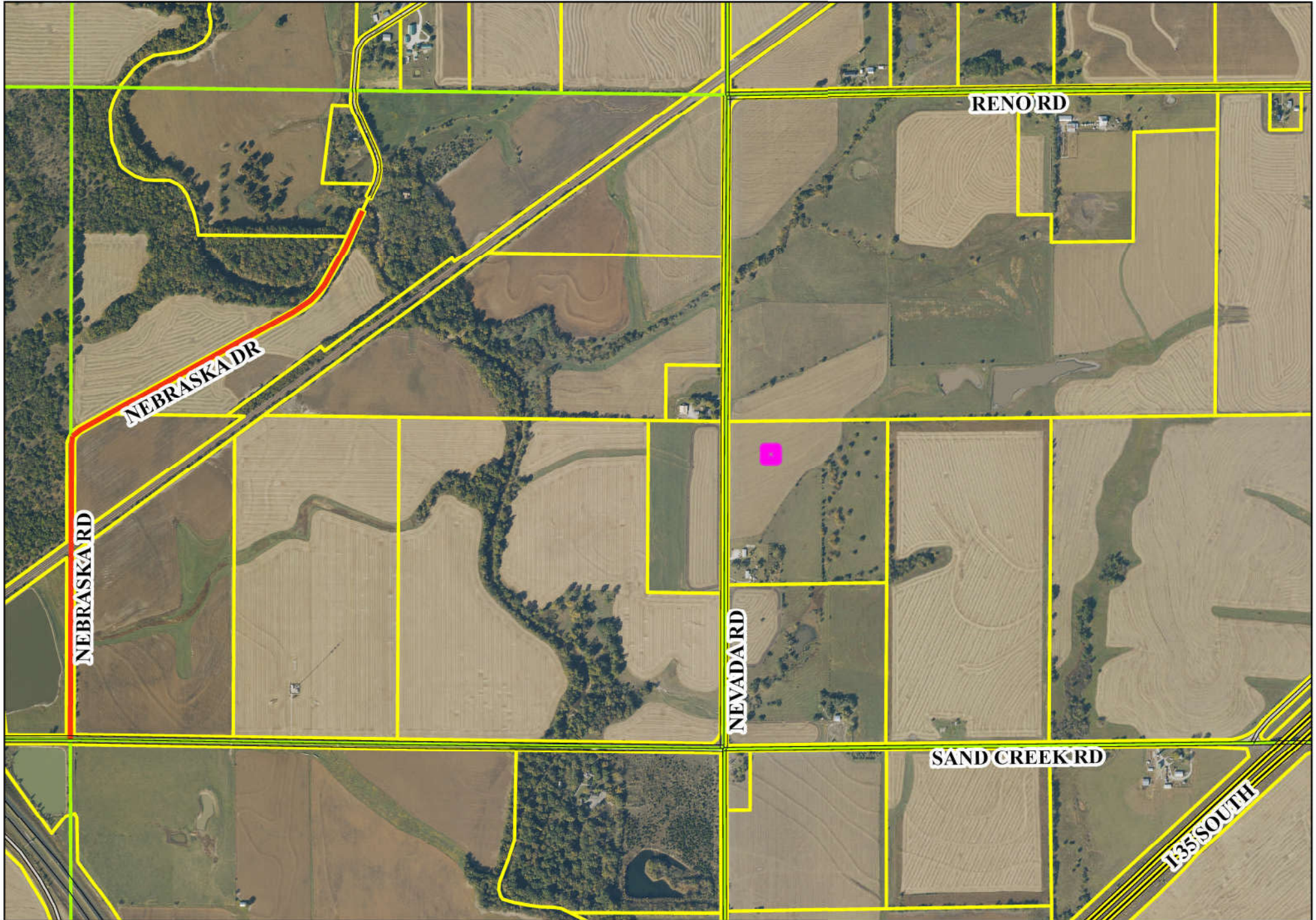
 Approximate Location of New Tower

 Communication Towers



SELECTIVE SITE CONSULTANTS AERIAL PHOTO

 Approximate location of new tower





**Board of County Commissioners
Franklin County, Kansas**

Resolution 26-

**A RESOLUTION APPROVING SPECIAL USE PERMIT APPLICATION #2511-0011
(SELECTIVE SITE CONSULTANTS) TO ALLOW CONSTRUCTION, OPERATION AND
MAINTENANCE OF A 305-FOOT HIGH TELECOMMUNICATION TOWER IN AN A-1
(AGRICULTURE) ZONING DISTRICT**

WHEREAS Franklin County, Kansas is a county municipal government, organized pursuant to K.S.A. 19101; and

WHEREAS The Franklin County Board of County Commissioners did adopt Resolution # 23-91 creating the Franklin County Planning Commission as provided in K.S.A. 12-744; and

WHEREAS the Franklin County Planning Commission did publish notice on November 26, 2025 that public hearing would be held to consider Special Use Permit application #2511-0011 (Selective Site Consultants) as required by K.S.A. 12757 and Article 23, Section 23-5.02 of the Franklin County Zoning Regulations; and

WHEREAS the Planning Commission did on December 18, 2025 hold a public hearing for the consideration of Special Use Permit Application #2511-0011 (Selective Site Consultants) to allow for the construction, operation and maintenance of a 305-foot high telecommunication tower in an A-1 (Agriculture) Zoning District; and

WHEREAS the Franklin County Board of County Commissioners did adopt Zoning Regulations on August 14th, 2002 which included Article 23, Section 23-1 through 23-5 setting out the procedures and basis for review in considering a Special Use Permit including the following criteria:

- a. Whether the use is in compliance with, and would further enhance the implementation of, the adopted Comprehensive Plan.
- b. Whether the use complies with the purpose and intent of the adopted Zoning Regulations.
- c. Whether the use complies with other adopted standards of the County.
- d. Whether the use fits the character of the neighborhood
- e. Whether the use would be unduly detrimental to surrounding properties and uses.
- f. The suitability of the subject property for the proposed use.
- g. Approval of mitigation measures to minimize impacts to surrounding properties or services; and

WHEREAS, the Planning Commission, after due consideration of the criteria set forth in Article 23, Section 23-5.04 of the County Zoning Regulations, the relative factors of the Supreme Court case of Golden vs. City of Overland Park, together with all written reports and public testimony, the Planning Commission, by majority of its membership present did find the following:

1. That the Special Use Permit is consistent with the County Zoning Regulations
2. That the Special Use Permit is in conformance with, and would further enhance, the County Comprehensive Plan
3. That, as conditioned, the Special Use Permit will not overburden the County roads and other public services.
4. That, as conditioned, the Special Use Permit will not unduly affect the character of the surrounding community.
5. That, as conditioned, the Special Use Permit will not impact property values of the surrounding properties.
6. That, as conditioned, the Special Use Permit will comply with all other County Codes and Regulations
7. That the subject property is suitable for the proposed use.

NOW, THEREFORE, Be It Resolved, that the Franklin County Board of County Commissioners does hereby approve Special Use Permit Application #2511-0011 (Selective Site Consultants) as follows:

Section 1: Special Use Permit #2511-0011 (Selective Site Consultants) is granted for the following described property:

NW ¼ of the SW ¼ of Sec. 16, Twp. 16, Rng. 20, Franklin County, Kansas.

Section 2: The Special Use Permit for the real property described above shall be authorized for the construction, operation and maintenance of a 305-foot high telecommunication tower in an A-1 (Agriculture) Zoning District pursuant to the Franklin County Zoning Regulations and subject to the following conditions:

1. That the tower base be enclosed with a 70'x70' chain link fence with security barbed wire. Access to the enclosed area shall be locked at all times except when being used by company employees.
2. That lighting on the tower shall be in compliance with Federal Aviation Administration lighting standards.
3. That the communication facilities comply with all requirements of the Federal Communication Commission.
4. That a sign be placed on the security fence around the tower base to include a telephone number of a responsible party in the event of an emergency.
5. That the tower base and access easement be kept free of noxious weeds, litter and debris.
6. That the tower and related facilities comply with the County Building Codes and Permits.
7. Two (2) on-site parking spaces shall be provided and maintained on an all-weather surfaced area in accordance with the standards set forth in Article 21 of the County Zoning Regulations.
8. That the tower be located 310 feet from any property line or buildings.
9. The location of the entrance must be approved through the Public Works Department.
10. That the Special use permit shall be null and void by operation of law if said permit has not been initiated and utilized by commencing the activity or use at the site specified in said permit within one (1) year of the date of approval.

PASSED AND ADOPTED by the Franklin County Board of County Commissioners this 7th day of January 2026. This action shall become effective upon publication in the official county newspaper.

Rodney L. Harris
Chair

Received and recorded this 7th day of January 2026.

Janet Paddock
County Clerk



**Board of County Commissioners
Franklin County, Kansas**

Resolution 26-

**A RESOLUTION DENYING SPECIAL USE PERMIT APPLICATION #2511-0011
(SELECTIVE SITE CONSULTANTS) TO ALLOW CONSTRUCTION, OPERATION AND
MAINTENANCE OF A 305-FOOT HIGH TELECOMMUNICATION TOWER IN AN A-1
(AGRICULTURE) ZONING DISTRICT**

WHEREAS Franklin County, Kansas is a county municipal government, organized pursuant to K.S.A. 19101; and

WHEREAS The Franklin County Board of County Commissioners did adopt Resolution # 23-91 creating the Franklin County Planning Commission as provided in K.S.A. 12-744; and

WHEREAS the Franklin County Planning Commission did publish notice on November 26, 2025 that public hearing would be held to consider Special Use Permit application #2511-0011 (Selective Site Consultants) as required by K.S.A. 12757 and Article 23, Section 23-5.02 of the Franklin County Zoning Regulations; and

WHEREAS the Planning Commission did on December 18, 2025 hold a public hearing for the consideration of Special Use Permit Application #2511-0011 (Selective Site Consultants) to allow for the construction, operation and maintenance of a 305-foot high telecommunication tower in an A-1 (Agriculture) Zoning District; and

WHEREAS the Franklin County Board of County Commissioners did adopt Zoning Regulations on August 14th, 2002, which included Article 23, Section 23-1 through 23-5 setting out the procedures and basis for review in considering a Special Use Permit including the following criteria:

WHEREAS, the Planning Commission, after reviewing and considering all reports and testimonies did, by a majority vote of those present, approved said Special Use Permit Application based on certain findings and subject to certain conditions; and

WHEREAS, the Board of County Commissioners of Franklin County, after duly reviewing the recommendation of the Planning Commission together with all public comments for and against said Special Use Permit Application finds:

1. That the Special Use Permit is not consistent with the County Zoning Regulations.
2. That the Special Use Permit is not in conformance with and would further enhance the County Comprehensive Plan.
3. The Special Use Permit could overburden the County roads and other public services.
4. The Special Use Permit will unduly affect the character of the surrounding community.

5. The Special Use Permit could unduly impact property values of surrounding properties.
6. The subject property is not suitable for the proposed use.

NOW, THEREFORE, Be It Resolved, that the Franklin County Board of County Commissioners does hereby deny Special Use Permit #2511-0011 (Selective Site Consultants) to allow construction, operation and maintenance of a 305-foot high telecommunication tower in an A-1 (Agriculture) Zoning District.

PASSED AND ADOPTED by the Franklin County Board of County Commissioners this 7th day of January 2026. This action shall become effective upon publication in the official county newspaper.

Rodney L. Harris
Chair

Received and recorded this the 7th day of January 2026.

Janet Paddock
County Clerk



To: Franklin County Board of County Commissioners
From: Pat Toth
Department: Planning & Building
Date: Wednesday, January 7, 2026

AGENDA ITEM NARRATIVE

Consider the approval of rezoning application #2510-0058 (Halleluyah Place, LLC) to rezone approximately 15.90 acres from the A-2, Transitional Agriculture District to the R-E, Residential Estate District and approximately 40.00 acres from the A-2, Transitional Agriculture District to the A-1, Agriculture District.

BACKGROUND

The Planning Commission held a public hearing on November 20, 2025 to consider rezoning application #2510-0058 (Halleluyah Place, LLC).

The property is commonly known as 3482 Rock Creek Road and is located on the South side of Rock Creek Road and on the East side of Ohio Road, in the East Half (E ½) of the Northeast Quarter (NE ¼) of Section 28, Township 17 South, Range 20 East. No portion of the entire 55.90-acre tract is located within a Special Flood Hazard Area. Aerial photos with the currently effective Special Flood Hazard Area boundaries are attached.

The applicant is requesting to rezone approximately 15.90 acres from the A-2, Transitional Agricultural Zone to the R-E, Residential Estate Zone to allow for a lot split for mortgage purposes. The remaining approximately 40.00 acres would no longer meet the minimum acreage size for the A-2, Transitional Agriculture District so it must be rezoned to the A-1, Agriculture District.

The original tract was 27.90 acres zoned A-2, Transitional Agriculture. The owner then purchased approximately 30.00 acre from the neighbor to the West and did a boundary line adjustment to create a 55.90-acre tract (see previous survey attached). However, the properties were never rezoned to the A-1, Agriculture District.

The existing residence is already serviced with on-site water provided by Rural Water District #2 and has a 1,500-gallon concrete septic system and approximately 2,780 square feet of pipe & gravel for on-site sanitation.

After hearing Staff presentation, the Planning Commission did recommend approval of application #2510-0058 (Halleluyah Place, LLC) to rezone approximately 15.90 acres from the A-2, Transitional Agriculture District to the R-E, Residential Estate District and approximately 40.00 acres from the A-2, Transitional Agriculture District to the A-1, Agriculture District by a unanimous vote of those members present. Notice was sent to seven (7) surrounding property owners. The Planning

Department did not receive any comments for or against the proposed rezoning and no one appeared at the public hearing.

STAFF RECOMMENDATION

Staff recommends that the County Commissioners accept the Planning Commission's recommendation and adopt the attached resolution for the approval of rezoning application #2510-0058 (Halleluyah Place, LLC) to rezone approximately 15.90 acres from the A-2, Transitional Agriculture District to the R-E, Residential Estate District and approximately 40.00 acres from the A-2, Transitional Agriculture District to the A-1, Agriculture District and to amend the Official County Zoning Map accordingly.

SPECIFIC ACTION REQUESTED

An Affirmative motion in support of the Planning Commission's recommendation would read as follows: "I make a motion to approve a rezoning application #2510-0058 (Halleluyah Place, LLC) to rezone approximately 15.90 acres from the A-2, Transitional Agriculture District to the R-E, Residential Estate District and approximately 40.00 acres from the A-2, Transitional Agriculture District to the A-1, Agriculture District and to amend the Official County Zoning Map accordingly".

ATTACHMENTS

Zoning Map
Farmland Classification Map & Legend
Floodplain & Road Surface Map
Aerial Photo (2)
Previous Survey
Proposed Survey
Resolution/s

HALLELUYAH PLACE ZONING MAP



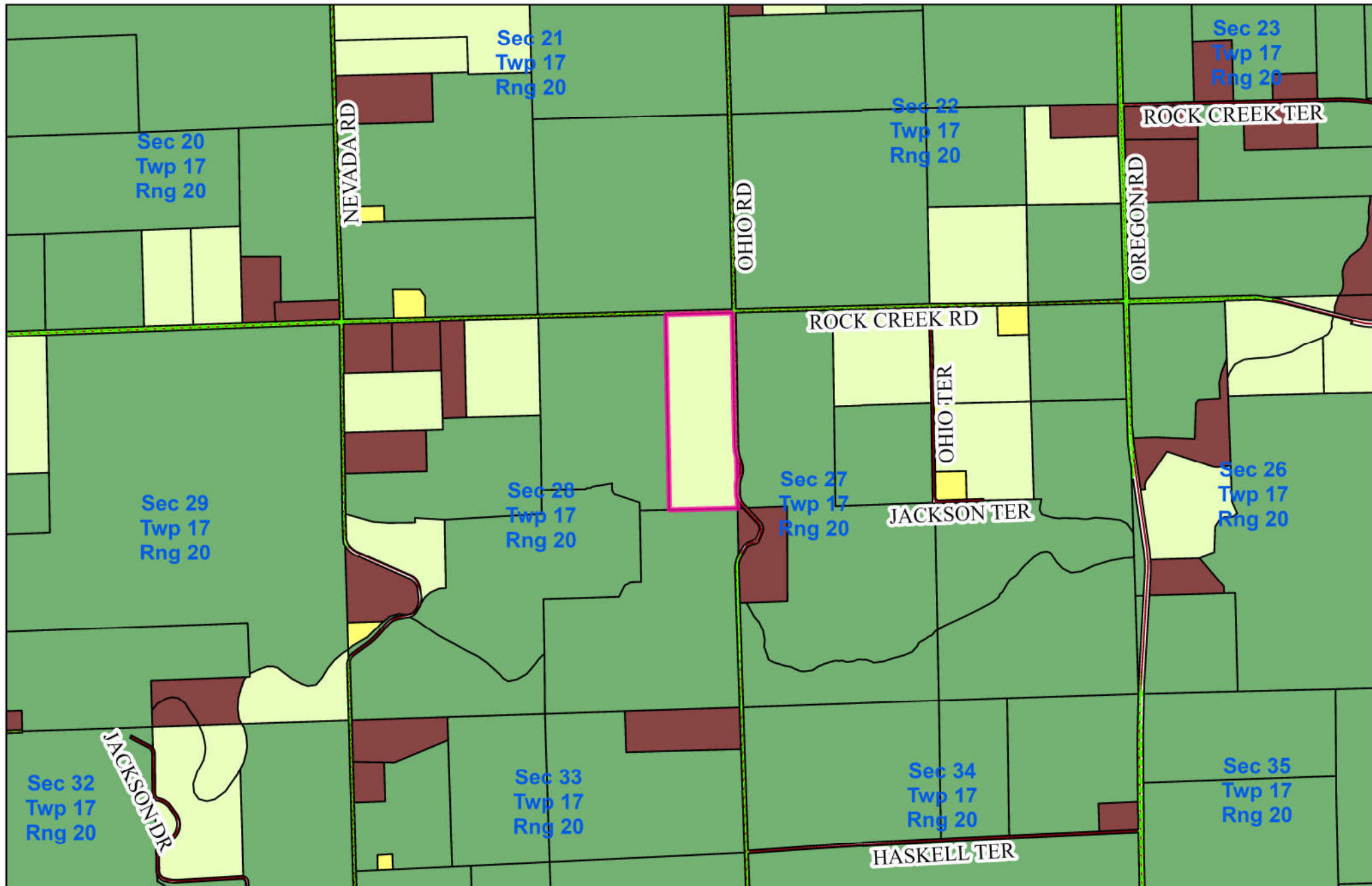
Zoning Map

Agriculture

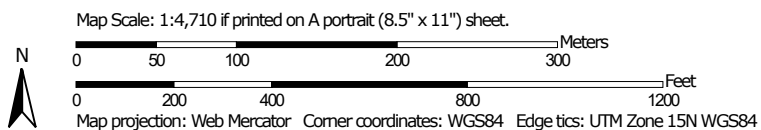
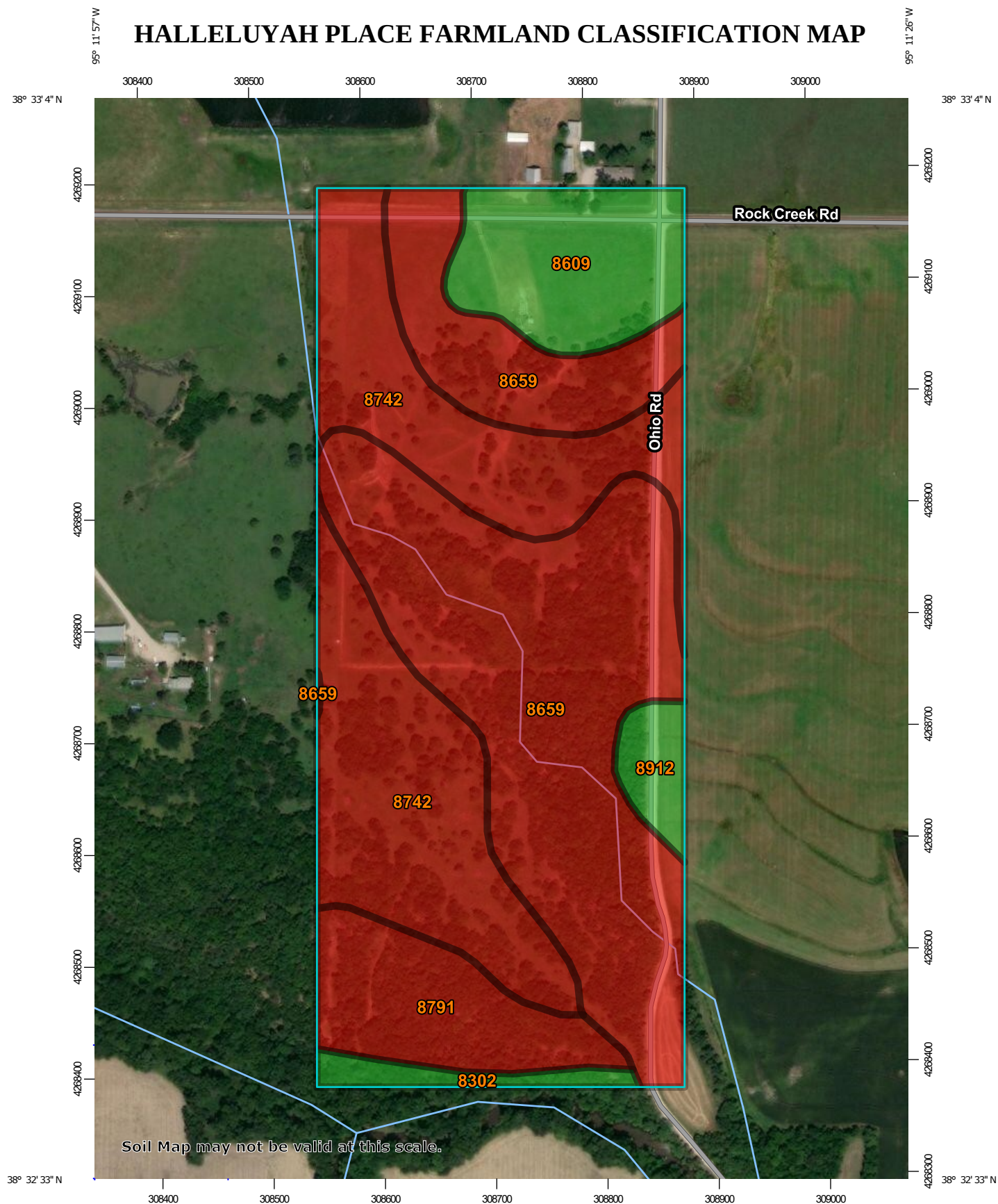
Transitional Agriculture
Commercial
Highway Commercial
Light Industrial

Heavy Industrial
Mobile Home Park
Single Family

Single Family Residential Three Acre
Residential Estate
City Zoning



HALLELUYAH PLACE FARMLAND CLASSIFICATION MAP



Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
8302	Verdigris silt loam, 0 to 1 percent slopes, occasionally flooded	All areas are prime farmland	1.3	2.0%
8609	Aliceville silty clay loam, 1 to 3 percent slopes	All areas are prime farmland	6.7	10.2%
8659	Clareson-Eram complex, 3 to 15 percent slopes, very rocky	Not prime farmland	29.2	44.3%
8742	Eram-Aliceville complex, 3 to 8 percent slopes	Not prime farmland	20.9	31.8%
8791	Lebo-Rock outcrop complex, 20 to 40 percent slopes	Not prime farmland	6.1	9.2%
8912	Summit silty clay loam, 3 to 7 percent slopes	All areas are prime farmland	1.6	2.5%
Totals for Area of Interest			65.9	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

Halleluyah Place Road Surface & Floodplain Map

ROAD SURFACE

- PAVED ROAD
- MIN. MAINT.
- GRAVEL

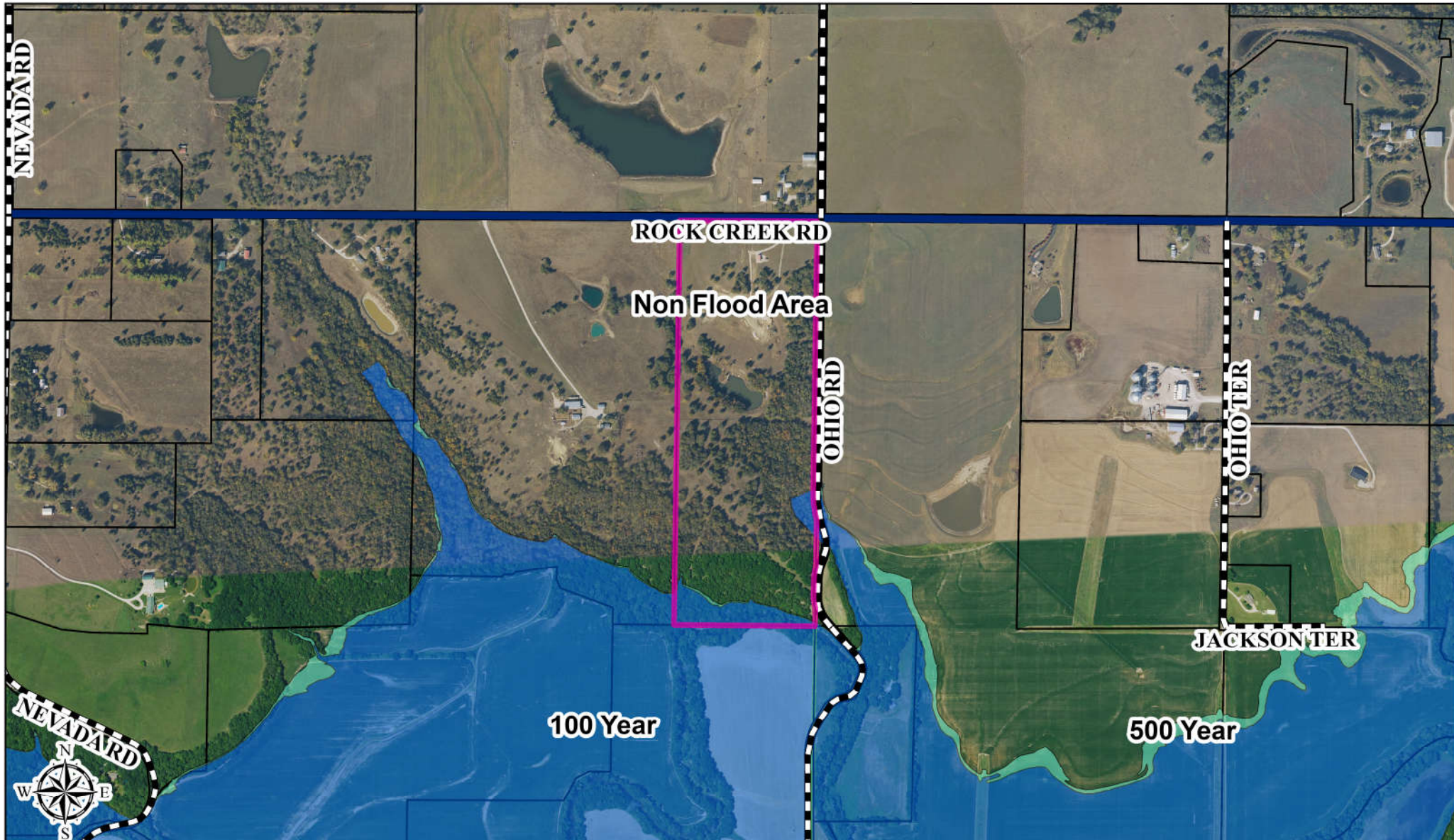
ROAD_SURFA

- Private Drive

Flood_Year_2022

- 500 Year
- Non Flood Area

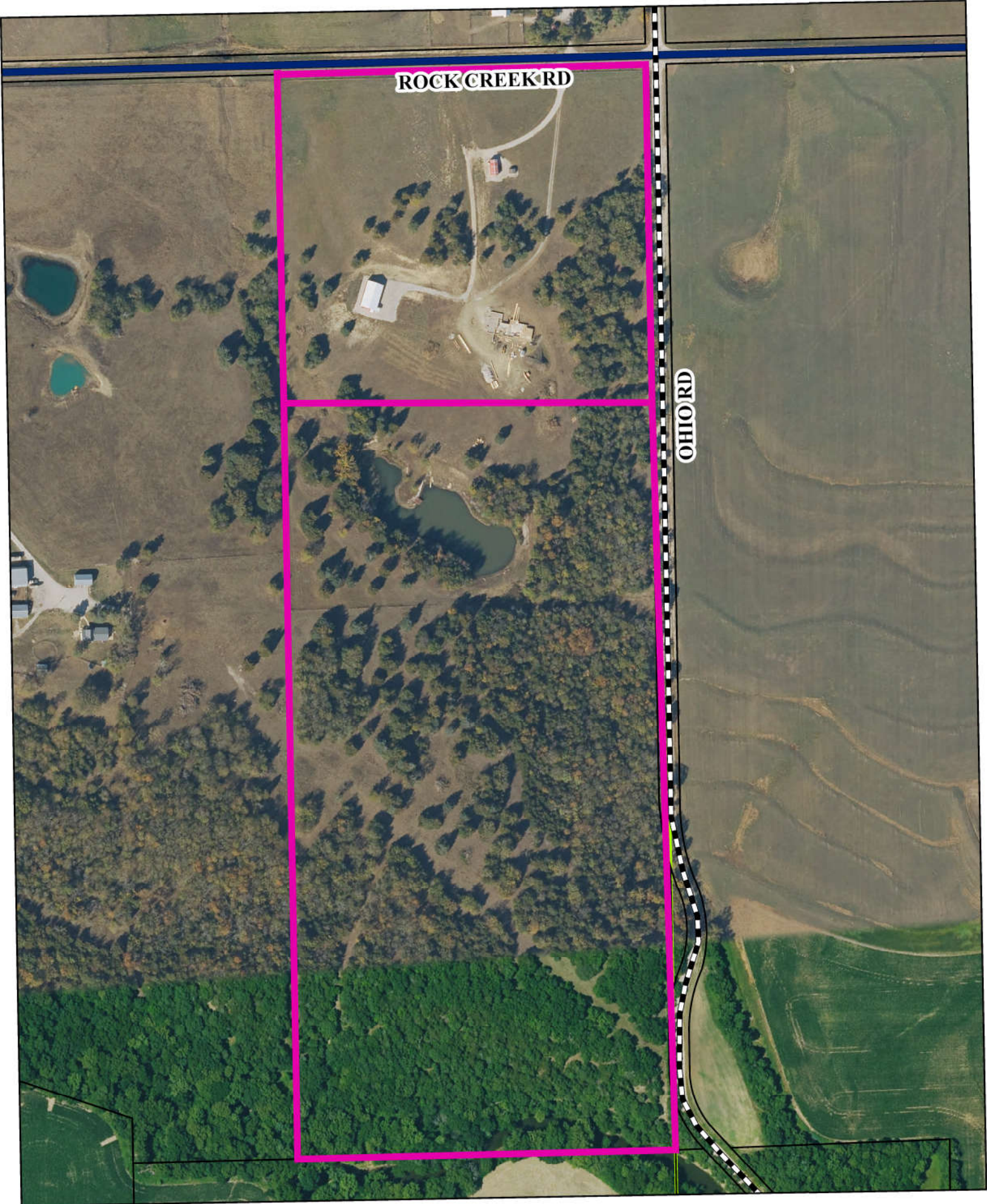
- Reduced Flood Risk due to Levee
- 100 Year
- Floodway
- Distance from firing line to residences with bullet holes



HALLELUYAH PLACE BEFORE LOT ADJUSTMENT



HALLELUYAH PLACE AFTER LINE ADJUSTMENT



PREVIOUS SURVEY COMPLETED IN 2016

NEW TRACT 1 DESCRIPTION:

BEGINNING AT AN EXISTING 1/2" IRON BAR AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER SECTION 28, TOWNSHIP 17 SOUTH, RANGE 20 EAST OF THE SIXTH P.M., FRANKLIN COUNTY, KANSAS; THENCE NORTH 89 DEGREES 56 MINUTES 40 SECONDS EAST 1726.40 FEET ON THE NORTH LINE OF SAID NORTHEAST QUARTER, BEING MARKED WITH A 1/2" IRON BAR; THENCE SOUTH 00 DEGREES 37 MINUTES 54 SECONDS WEST 2649.38 FEET TO A 1/2" IRON BAR ON THE SOUTH LINE OF SAID NORTHEAST QUARTER; THENCE SOUTH 89 DEGREES 10 MINUTES 21 SECONDS WEST 392.27 FEET TO A 1/2" IRON BAR, AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 28; THENCE NORTH 00 DEGREES 24 MINUTES 36 SECONDS EAST 108.41 FEET TO A 1/2" IRON BAR; THENCE NORTH 70 DEGREES 00 MINUTES 36 SECONDS WEST 365.46 FEET TO A 1/2" IRON BAR IN AN EXISTING FENCE; THENCE NORTH 25 DEGREES 12 MINUTES 20 SECONDS WEST 59.80 FEET TO A 1/2" IRON BAR IN AN EXISTING FENCE; THENCE NORTH 02 DEGREES 12 MINUTES 20 SECONDS EAST 86.84 FEET TO A 1/2" IRON BAR IN AN EXISTING FENCE; THENCE SOUTH 81 DEGREES 59 MINUTES 58 SECONDS WEST 272.81 FEET TO A 1/2" IRON BAR IN AN EXISTING FENCE; THENCE SOUTH 50 DEGREES 03 MINUTES 14 SECONDS WEST 25.43 FEET TO A 1/2" IRON BAR IN AN EXISTING FENCE; THENCE SOUTH 49 DEGREES 42 MINUTES 49 SECONDS WEST 22.92 FEET TO A 1/2" IRON BAR IN AN EXISTING FENCE; THENCE SOUTH 89 DEGREES 27 MINUTES 25 SECONDS WEST 595.34 FEET ALONG AN EXISTING EAST/WEST FENCE TO A 1/2" IRON BAR ON THE WEST LINE OF THE NORTHEAST QUARTER; THENCE NORTH 00 DEGREES 50 MINUTES 16 SECONDS EAST 1010.12 FEET TO AN EXISTING STONE AT THE SOUTHWEST CORNER OF NORTHWEST QUARTER OF THE NORTHEAST QUARTER; THENCE NORTH 00 DEGREES 00 MINUTES 30 SECONDS EAST 1344.41 FEET TO THE POINT OF BEGINNING, CONTAINING 96.10 ACRES MORE OR LESS, ALL IN FRANKLIN COUNTY, KANSAS.

This survey has been reviewed and approved for filing, pursuant to K.S.A. 58-2005 for content only and is in compliance with this act. No other warranties are extended or implied.

Approved by Jim Schmitz Date: 1/6/16
JIM SCHMITZ PS 727

NEW TRACT 2 DESCRIPTION:

COMMENCING AT AN EXISTING 1/2" IRON BAR AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER SECTION 28, TOWNSHIP 17 SOUTH, RANGE 20 EAST OF THE SIXTH P.M., FRANKLIN COUNTY, KANSAS; THENCE NORTH 89 DEGREES 56 MINUTES 40 SECONDS EAST 1726.40 FEET ON THE NORTH LINE OF SAID NORTHEAST QUARTER, BEING MARKED WITH A 1/2" IRON BAR, AND BEING THE TRUE POINT OF BEGINNING; THENCE NORTH 89 DEGREES 56 MINUTES 40 SECONDS EAST 921.53 FEET (921.64' DEED) TO THE NORTHEAST CORNER OF SECTION 28 TOWNSHIP 17 SOUTH, RANGE 20 EAST OF THE SIXTH P.M., BEING MARKED WITH A 1/2" IRON BAR; THENCE SOUTH 00 DEGREES 38 MINUTES 31 SECONDS WEST 2636.97 FEET TO AN EXISTING LIMESTONE AT THE SOUTHWEST CORNER OF THE NORTHEAST QUARTER; THENCE SOUTH 89 DEGREES 10 MINUTES 21 SECONDS WEST 392.27 FEET TO A 1/2" IRON BAR; THENCE NORTH 00 DEGREES 37 MINUTES 54 SECONDS EAST 2649.38 FEET TO THE POINT OF BEGINNING, CONTAINING 55.90 ACRES MORE OR LESS, ALL IN FRANKLIN COUNTY, KANSAS.

CERTIFICATE OF (BOUNDARY LINE ADJUSTMENT) APPROVAL
STATE OF KANSAS
FRANKLIN COUNTY
I hereby certify that this (BLA) has been examined and found to comply with the Subdivision Regulation of Franklin County, Kansas, and is, therefore, approved for recording.
Signed the 15th day of June 2016
Larry D. Walrod
Larry D. Walrod - Planning Director

NOTES:

THERE ARE NO FENCES, GAPS, OVERLAPS, OR KNOWN DISCREPANCIES BETWEEN OWNERSHIP OR POSSESSION, UNLESS SHOWN.

ALL DISTANCES SHOWN ARE MEASURED UNLESS OTHERWISE NOTED.

NO EASEMENTS OR SETBACKS SHOWN BY AGREEMENT WITH CLIENT.

THERE WERE NO UNDERGROUND OR ABOVE GROUND UTILITIES LOCATED OR SHOWN THIS SURVEY. BY AGREEMENT WITH CLIENT.

BASIS OF BEARING :
A BEARING OF N 89°-56'-40" E WAS ASSUMED ALONG THE NORTH LINE OF NORTHEAST QUARTER OF SECTION 28-17-20 FRANKLIN COUNTY, KANSAS.

THIS SURVEY DOES NOT CERTIFY OWNERSHIP

REFERENCE SURVEY:

SURVEY BY TODD BURROUGHS PS 1187
BY SURVEY 1903
COUNTY PUBLIC WORKS OFFICE

SURVEY BY BRYON K. CATES PS 1208
BY SURVEY 1828, 2624, 2325, 2624, 3043
COUNTY PUBLIC WORKS OFFICE

TIES IN FRANKLIN COUNTY PUBLIC WORKS OFFICE
OLD SURVEY BY DATED MAY 12, 1873
BOOK

THIS SURVEY IS TO COMBINE DEED BOOK 291 PAGE 80 WITH ADDITIONAL LAND TO BECOME NEW TRACT 2

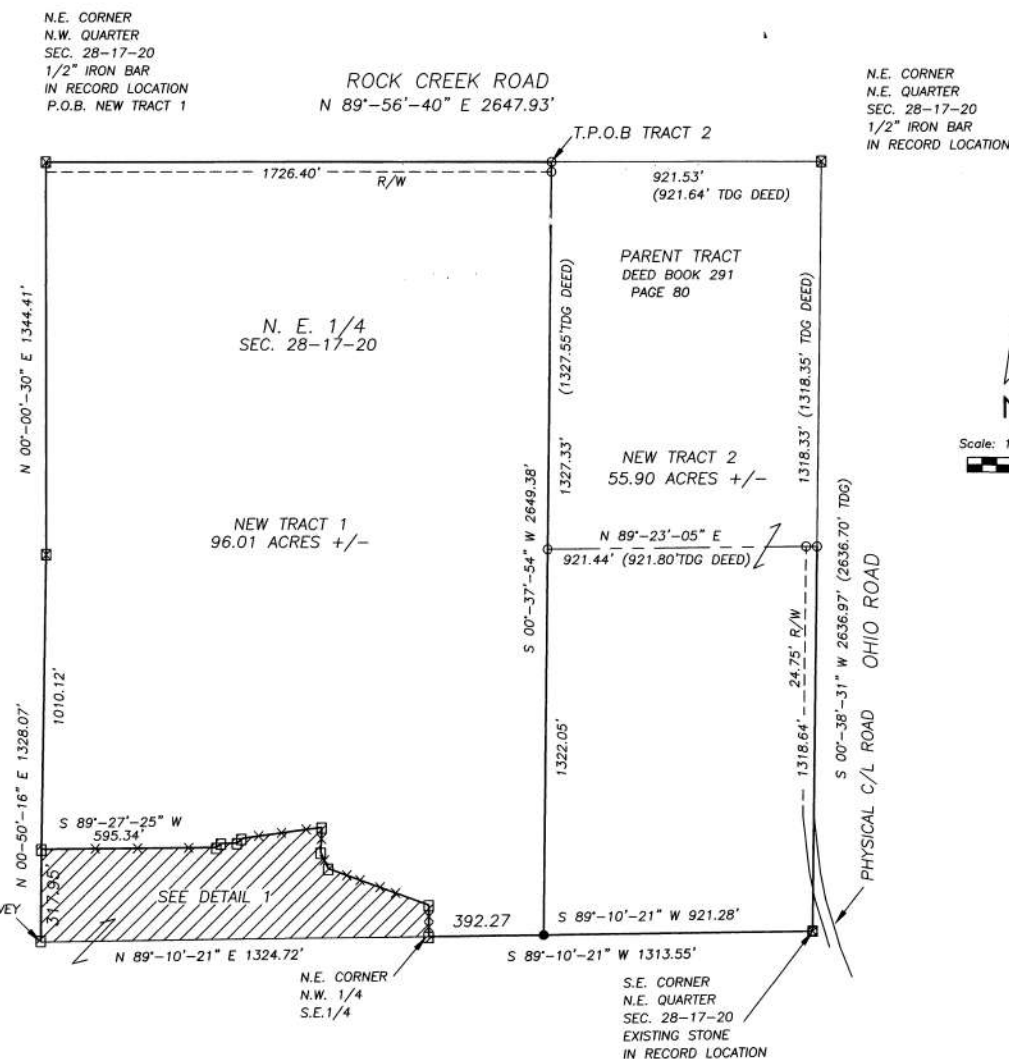
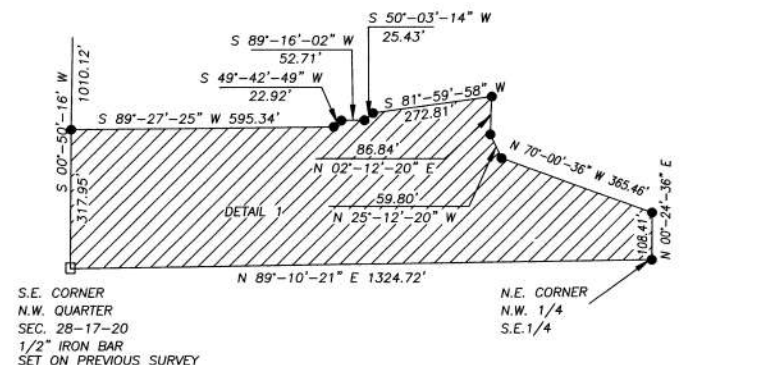
I Bryon K. Cates, A Professional Land Surveyor in the State of Kansas do hereby certify that this Plat represents the true and accurate results of a Survey completed in the field under my direct supervision on DECEMBER 15, 2015.



NOTE: PARENT TRACT DEED RECORDED IN DEED BOOK 289 PAGE 279

SURVEY ORDERED BY JIM FERGUSON
BOUNDARY LINE ADJUSTMENT SURVEY

CATES SURVEYING INC. (CSI)
Bryon K. Cates PLS 1208
Professional Surveying Services
790 Pawnee Rd. Pomona, KS 66076
Phone 785-566-3391 Fax 785-566-3391
JOB # 15021457FC



LEGEND:

- Existing Monument as noted
- EXISTING 1/2" IRON BAR SET BY TDG
- 1/2"x24" Iron bar w/L.D. Cap 1208 set by Bryon K. Cates this survey
- 1/2"x24" Iron bar w/L.D. Cap 1208 set by Bryon K. Cates on previous survey

IB = IRON BAR T.P.O.B. = POINT OF BEGINNING
FD = FOUND HCP = HEDGE CORNER POST
E = EAST N = NORTH
W = WEST S = SOUTH

R/W = RIGHT OF WAY
--- FENCE LINE

TRACT 1

A TRACT OF LAND IN THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 17 SOUTH, RANGE 20 EAST OF THE SIXTH P.M., AS WRITTEN BY BRYON K. CATES PS 1208, DATED 11-28-2025 AS FOLLOWS; BEGINNING AT THE NORTHEAST CORNER OF THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 17 SOUTH, RANGE 20 EAST OF THE SIXTH P.M.; THENCE SOUTH 00°38'31" WEST 745.25 FEET ON THE EAST LINE OF SAID NORTHEAST QUARTER; THENCE SOUTH 89°10'21" WEST 921.62 FEET ON A LINE PARALLEL WITH THE SOUTH LINE OF SAID NORTHEAST QUARTER; THENCE NORTH 00°37'54" EAST 757.67 FEET, TO THE NORTH LINE OF SAID NORTHEAST QUARTER; THENCE NORTH 89°56'41" EAST 921.52 FEET TO THE POINT OF BEGINNING, CONTAINING 15.90 ACRES MORE OR LESS, ALL IN FRANKLIN COUNTY, KANSAS.

TRACT 2

A TRACT OF LAND IN THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 17 SOUTH, RANGE 20 EAST OF THE SIXTH P.M., AS WRITTEN BY BRYON K. CATES PS 1208, DATED 11-28-2025 AS FOLLOWS; COMMENCING AT THE NORTHEAST CORNER OF THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 17 SOUTH, RANGE 20 EAST OF THE SIXTH P.M.; THENCE SOUTH 00°38'31" WEST 745.25 FEET ON THE EAST LINE OF SAID NORTHEAST QUARTER, TO THE TRUE POINT OF BEGINNING; THENCE SOUTH 00°38'31" WEST 1891.72 FEET TO THE SOUTHEAST CORNER OF THE NORTHEAST QUARTER; THENCE SOUTH 89°10'21" WEST 921.28 FEET ON THE SOUTH LINE OF SAID NORTHEAST QUARTER; THENCE NORTH 00°37'54" EAST 1891.71 FEET, THENCE NORTH 89°10'21" EAST 921.62 FEET TO THE POINT OF BEGINNING, CONTAINING 40.00 ACRES MORE OR LESS, ALL IN FRANKLIN COUNTY, KANSAS.

I hereby certify that this LOT SPLIT SURVEY has been examined and approved by Franklin County, Kansas Planning Director and is APPROVED for recording.

Signed the 29th day of December 2025.

PAT TOTH PLANNING DIRECTOR

CERTIFICATE OF COUNTY TREASURER
THIS IS TO CERTIFY THAT THERE ARE NO UNPAID TAXES, SPECIAL ASSESSMENT OR TAX LIENS OUTSTANDING ON THIS PROPERTY GIVEN UNDER MY HAND THIS 19th day of December 2025.

Marilyn Stevenson
MARILYN STEVENSON COUNTY TREASURER KANSAS

SURVEY REVIEW

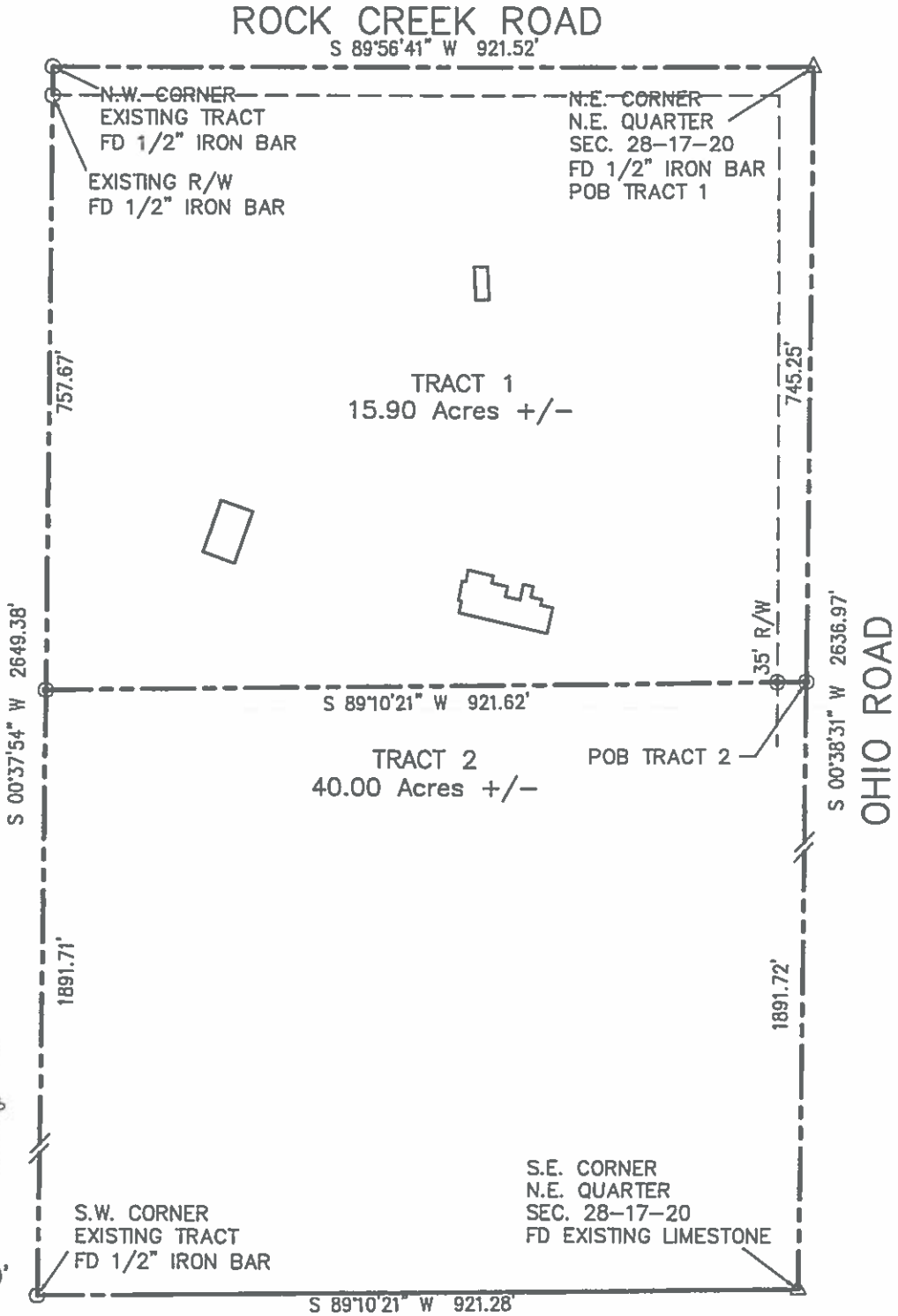
This survey has been reviewed and approved for filing, pursuant to K.S.A. 58-2005 for content only and is in compliance with this Act. No other warranties are extended or implied.

Tim Sloan
TIM SLOAN DATE 12/8/2025

LEGEND

- Existing Iron Rod
- ⊙ Origin Unknown (unless noted)
- ⊙ Set 1/2"x24" Iron Rod/Cap (unless otherwise noted)
- △ Section Corner
- ⊙ Origin Unknown (unless noted)
- Boundary Line
- - - Fence line
- (GLO) General Land Office
- (M) Measured Dimension
- (D) Deed Dimension
- (P) Plat Dimension
- R/W Right of Way

SCALE: 1" = 200'



SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT WE HAVE MADE A SURVEY OF THE PREMISES HEREIN DESCRIBED WHICH MEETS OR EXCEEDS THE CURRENT MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS IN THE STATE OF KANSAS AND THE RESULTS OF SAID SURVEY ARE PRESENTED ON THIS DRAWING TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

- The bearings shown hereon are based upon the East line of the Northeast Quarter, S 00°38'41" E, per PREVIOUS SURVEY BY ME.
- This survey does not reflect any easements, rights-of-way, or other instruments of record which may encumber this property per agreement with client.
- Underground, above ground utilities, nor improvements were located or shown on this survey.
- All distances are measured unless otherwise noted.

Bryon K. Cates
PS-1208
DATE 11-28-2025
KANSAS

CATES SURVEYING INC.

Bryon K. Cates
Professional Surveying Services
790 Pawnee Rd. Pomona, KS 66076
Phone 785-566-3391 Fax 785-566-3391

DRAWN BY :
BKC

JOB No.
25112330

CHECKED BY :
BKC

LATEST REVISION:
11/28/2025

PREPARED FOR:
HALLELUYAH PLACE LLC

LOT SPLIT SURVEY

OF A PORTION N.E./4 SEC. 28, T17S, R20E

FRANKLIN COUNTY, KANSAS



**Board of County Commissioners
Franklin County, Kansas**

Resolution 26-

**A RESOLUTION AMENDING THE
OFFICIAL ZONING DISTRICT MAP OF FRANKLIN COUNTY, KANSAS**

WHEREAS, the Franklin County Planning Commission of Franklin County, Kansas, received an application for a Zone Change from Halleluyah Place, LLC to rezone approximately 15.90 acres, described as Tract 1, from the A-2, Transitional Agriculture District to the R-E, Residential Estate District and to rezone approximately 40.00 acres, described as Tract 2, from the A-2, Transitional Agriculture District to the A-1, Agriculture District. The properties described below lie outside any incorporated city and is described as follows:

TRACT 1:

A tract of land in the Northeast Quarter of Section 28, Township 17 South, Range 20 East of the Sixth P.M., as written by Bryon K. Cates PS 1208, dated 11-28-2025 as follows: Beginning at the Northeast Corner of the Northeast Quarter of Section 28, Township 17 South, Range 20 East of the Sixth P.M., Thence South 00°38'31" West 745.25 feet on the East line of said Northeast Quarter; Thence South 89°10'21" West 921.62 feet on a line parallel with the South line of said Northeast Quarter; Thence North 00°37'54" East 757.67 feet to the North line of said Northeast Quarter; Thence North 89°56'41" East 921.52 feet to the Point of Beginning, containing 15.90 acres, more or less, all in Franklin County Kansas.

TRACT 2:

A tract of land in the Northeast Quarter of Section 28, Township 17 South, Range 20 East of the Sixth P.M. as written by Bryon K. Cates PS 1208 dated 11-28-2025 as follows: Commencing at the Northeast Corner of the Northeast Quarter of Section 28, Township 17 South, Range 20 East of the Sixth P.M., Thence South 00°38'31" West 745.25 feet on the East line of said Northeast Quarter to the True Point of Beginning; Thence South 00°38'31" West 1891.72 feet to the Southeast Corner of the Northeast Quarter; Thence South 89°10'21" West 921.28 feet on the South line of said Northeast Quarter; Thence North 00°37'54" East 1891.71 feet; Thence North 89°10'21" East 921.62 feet to the Point of Beginning, containing 40.00 acres, more or less, all in Franklin County Kansas.

WHEREAS, pursuant to K.S.A. 12-757(b), the Franklin County Planning Commission has published in the official county newspaper on the October 29, 2025, notice of public hearing for said Zoning Change; and

WHEREAS, pursuant to K.S.A. 12-757(b), the Franklin County Planning Commission held a public hearing on November 20, 2025 regarding said Zoning Change; and

WHEREAS, the Franklin County Planning Commission, on November 20, 2025 in regular session and by a unanimous vote of those members present, recommended approval of said Zoning Change request based upon certain findings of fact, whereby recommending that the Official Zoning District Map of Franklin County, Kansas be amended; and

WHEREAS, the Franklin County Board of County Commissioners, after duly reviewing the recommendation of the Planning Commission and considering all public comments and concerns regarding said Zoning Change, find that the rezoning of said property would not be detrimental to the surrounding properties and would be in compliance with the provisions of K.S.A. 12-753, the purpose and intent of the Franklin County Comprehensive Plan and the general welfare of the citizens of Franklin County.

NOW, THEREFORE, BE IT RESOLVED, that the Franklin County Board of County Commissioners does hereby approve the rezoning of the above-described tracts from A-2, Transitional Agriculture District to the R-E, Residential Estate District and from the A-2, Transitional Agriculture District to the A-1, Agriculture District and that the Official Zoning District Map of Franklin County, Kansas be amended to reflect the approved zoning change.

PASSED AND ADOPTED by the Franklin County Board of County Commissioners this 7th day of January 2026. This action shall become effective upon publication in the official county newspaper.

Rodney L. Harris
Chair

Received and recorded this the 7th day of January 2026.

Janet Paddock
County Clerk



**Board of County Commissioners
Franklin County, Kansas**

Resolution 26-

A RESOLUTION DENYING REZONING APPLICATION #2510-0058 (HALLELUYAH PLACE, LLC) TO REZONE APPROXIMATELY 15.90 ACRES, DESCRIBED AS TRACT 1, FROM THE A-2, TRANSITIONAL AGRICULTURE DISTRICT TO THE R-E, RESIDENTIAL ESTATE DISTRICT AND TO REZONE APPROXIMATELY 40.00 ACRES, DESCRIBED AS TRACT 2, FROM THE A-2, TRANSITIONAL AGRICULTURE DISTRICT TO THE A-1, AGRICULTURE DISTRICT.

WHEREAS Franklin County, Kansas is a county municipal government, organized pursuant to K.S.A. 19-101; and

WHEREAS, pursuant to K.S.A. 12-757(b), the Franklin County Planning Commission has published in the official county newspaper on the October 29, 2025, notice of public hearing for said Zoning Change; and

WHEREAS, pursuant to K.S.A. 12-757(b), the Franklin County Planning Commission held a public hearing on November 20, 2025 regarding said Zoning Change; and

WHEREAS, the Franklin County Planning Commission, on November 20, 2025 in regular session and by a unanimous vote of those members present, recommended approval of said Zoning Change request based upon certain findings of fact, whereby recommending that the Official Zoning District Map of Franklin County, Kansas be amended; and

WHEREAS, the Board of County Commissioners of Franklin County, after duly reviewing the recommendation of the Planning Commission together with all public comments for and against said Rezoning Application finds:

1. That the rezoning from "A-2" to "R-E" and from "A-2" to "A-1" is not consistent with the County Zoning Regulations.
2. That the rezoning from "A-2" to "R-E" and from "A-2" to "A-1" is not in conformance with and would not further enhance the County Comprehensive Plan.
3. That the rezoning from "A-2" to "R-E" and from "A-2" to "A-1" will unduly affect the character of the surrounding community.
4. That the rezoning from "A-2" to "R-E" and from "A-2" to "A-1" will impact property values of surrounding properties.

NOW, THEREFORE, BE IT RESOLVED, that the Franklin County Board of County Commissioners does hereby deny rezoning application #2510-0058 (Halleluyah Place, LLC) to rezone approximately 15.99 acres from R-E, Residential Estate District to A-2, Transitional Agriculture District and to rezone approximately 10.00 acres from the A-2, Transitional Agriculture District to the R-E, Residential Estate District.

PASSED AND ADOPTED by the Franklin County Board of County Commissioners this 7th day of January 2026. This action shall become effective upon publication in the official county newspaper.

Sabrina Meador
Vice Chair

Received and recorded this the 7th day of January 2026.

Janet Paddock
County Clerk