



Document 2022 1312

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ANNO  
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LISA SMITH, COUNTY RECORDER  
MADISON COUNTY IOWA

CHEK



Courthouse at Winterset  
Madison County, Iowa  
Built in 1876 of native limestone.

Prepared by: Madison County Zoning Office  
Return to: Madison County Zoning Office

## Madison County Zoning Department

C.J. (Jeff) Nicholl, Zoning Administrator

### ***CONDITIONAL USE PERMIT***

PERMIT NO: 060-22

DATE: May 3, 2022

After a properly held Public Hearing on May 3, 2022, the Madison County Board of Adjustment hereby grants a Conditional Use Permit & Height Authorization to Hollingsworth Family Trust & Rob Viera-Buell Consulting c/o Verizon Wireless on the following described real estate: **SE NW EX 4.6A SW COR, Walnut Township Section 2 T74 R27** for the following:

To erect a cellular tower to a height of 250' with a lightning rod extending an additional 9' for a total height request of 259' for the use of land by a public or private utility service company for public utility purpose.

*A Conditional Use permit is granted as required by the Madison County Zoning Ordinance under Sections: 14C (1) & 14-E (12).*

C.J. Nicholl, Zoning Administrator  
Secretary to the Madison County Board of Adjustment

# MADISON COUNTY BOARD OF ADJUSTMENT

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Application for Special Use & Height Authorization  
Hollingsworth Family Trust & Rob Viera-Buell Consulting c/o Verizon Wireless  
Date: May 3, 2022

## DECISION

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On May 3, 2022 at 7:00 p.m., pursuant to the rules of procedure of the Madison County Board of Adjustment, a public hearing was held and conducted on the Application for a Conditional Use Permit & Height Authorization to erect a cellular tower to a height of 250' with a lightning rod extending an additional 9' for a total height request of 259'in Walnut Township Section 2 in Madison County Iowa. At the hearing the Board of Adjustment, reviewed the completed application form(s), relevant provisions of the Madison County Ordinances, all documents constituting the record from the Zoning Administrator, documents received from the applicant, heard the statements, remarks and comments by the Zoning Administrator, the applicant, as well as statements, remarks and comments by others in attendance. After all the information was received and all interest parties were heard by the Board of Adjustment, the hearing was closed pursuant to the rules of procedure of the Board of Adjustment.

Following the close of the hearing a motion was made by Fred to  approve  deny the application with a second by Dave.

A roll call vote was conducted on the motion:

Mike Bobst	X Aye	<input type="checkbox"/> Nay
Fred Howell	X Aye	<input type="checkbox"/> Nay
Mary Katherine Bigelow	X Aye	<input type="checkbox"/> Nay
Mindy Nelson	X Aye	<input type="checkbox"/> Nay
David Morford	X Aye	<input type="checkbox"/> Nay

The motion was therefore  Passed  Denied

Accordingly, the "Board of Adjustment Findings of Fact and Legal Principals Upon Which the Board Acts" has been approved as written and approved and adopted by the Board of Adjustment.

DECISION:

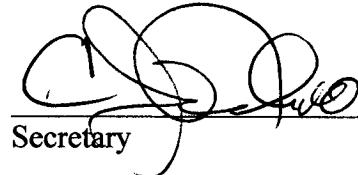
The Application for Conditional Use Permit & Height Authorization is hereby

Approved –  Denied

Dated this 3<sup>rd</sup> day of May 2022

Acknowledged as to Accuracy:

Brianna New  
Chair

  
Secretary

Original Filed with the Secretary of the Board of Adjustment on May 3<sup>rd</sup>, 2022.

## **BOARD OF ADJUSTMENT FINDINGS OF FACT AND LEGAL PRINCIPLES UPON WHICH THE BOARD ACTS:**

The terms Special Use and Conditional Use are synonymous. Zoning has two use categories, permitted uses are those listed by the ordinance as being allowed by right in a zoning district. Special Use or Conditional Use are terms used to describe those uses listed by the ordinance as being permissible at the discretion of the Board of Adjustment.

Section 14 of the Madison County Zoning Ordinance defines the Exceptions, Modifications, Interpretations and Conditional Uses that are permitted when authorized by the granting of a conditional use permit by the Board of Adjustment.

### ***Section 14 Exceptions, Modifications, Interpretations and Conditional Uses***

#### ***E. Conditional Uses.***

*The development and administration of a comprehensive zoning ordinance is based upon the division of the County into zoning districts with uniform regulations defining permitted uses of land and structures within each district. It is recognized, however, that there are occasions when in addition to the principal permitted uses, conditional uses may be allowed after careful consideration of the impact of the particular uses upon the neighborhood and public facilities therein. The following uses may be authorized by a conditional use permit granted by the Board of Adjustment. Under no conditions shall the sum or any part thereof be refunded for failure of said application to be approved.*

Section 6-2(a) of the Madison County Zoning Ordinance states the following regarding height:

### **SECTION 6 – APPLICATION OF DISTRICT REGULATIONS**

The regulations set by this Ordinance within each district shall be minimum regulations and shall apply uniformly to each class or kind of structure or land, as hereinafter provided:

1. No building, structure or land shall hereafter be used or occupied and no building or structure or part thereof shall hereafter be erected, constructed, reconstructed, moved, or structurally altered unless in conformity with all of the regulations herein specified for the district in which it is located except agricultural uses are exempt.
2. ***No building or other structure shall hereafter be erected or altered:***
  - a. ***To exceed the height;***
  - b. To accommodate or house a greater number of families;
  - c. To occupy a greater percentage of lot area;
  - d. To have narrower or smaller rear yards, front yards, side yards, or other open spaces;
  - e. In any other manner contrary to the provisions of this Ordinance.

Section 9-(C) of the Madison County Zoning Ordinance states the following regarding height:

### **SECTION 9 – AGRICULTURAL DISTRICT REGULATIONS**

#### ***C. Height Regulations.***

***No building shall exceed two, and one-half (2 ½) stories or thirty-five (35) feet in height, except as provided in Section 14.***

Section 14 of the Madison County Zoning Ordinance contains the listed exceptions, modifications, interpretations and conditional uses that are authorized after approval of the Madison County Board of Adjustment.

## **SECTION 14 EXCEPTIONS, MODIFICATIONS, INTERPRETATIONS AND CONDITIONAL USES**

### **C. Structures Permitted Above Height Limits**

The building height limitations of this Ordinance shall be modified as follows:

12. Chimneys, cooling towers, elevator bulkheads, fire towers, grain elevators, monuments, penthouses, stacks, silos, tanks, water towers, ornamental towers and spires, radio or television tower or necessary mechanical appurtenances may be erected to a height approved by the Board of Adjustment.

### **E. Conditional Uses.**

The development and administration of a comprehensive zoning ordinance is based upon the division of the County into zoning districts with uniform regulations defining permitted uses of land and structures within each district. It is recognized, however, that there are occasions when in addition to the principal permitted uses, conditional uses may be allowed after careful consideration of the impact of the particular uses upon the neighborhood and public facilities therein. The following uses may be authorized by a conditional use permit granted by the Board of Adjustment Under no conditions shall the sum or any part thereof be refunded for failure of said application to be approved.

12. Any structure or land used by public or private utility service company or corporation for public utility purpose, including sewage lagoons, or for purposes of public communication may be permitted in any district. The basis for such permit shall be public convenience.

### **F. General Requirements and Conditions Applicable to All Special Use Permits.**

In granting any special use permit, the Board of Adjustment may prescribe such restrictions and conditions with respect to the permitted use as the Board deems reasonable to further the objectives of this Ordinance. The following general requirements are applicable to all special use permits that may be granted by the Board:

- a. Required Findings. No special use permit shall be granted by the Board of Adjustment unless the Board first finds that all of the following conditions exist:
  - i. Surrounding Area. The value and qualities of the area (or neighborhood) surrounding the conditional use are not substantially injured, and the establishment of a special use will not impede the normal and orderly development and improvement of surrounding undeveloped property for uses predominant in the area. In reviewing and acting upon each application for a special use permit, the Board shall each give due consideration to the proximity of the proposed use to public parks, schools, licensed day care facilities, dwellings and residential districts.
  - ii. Infrastructure. Adequate utilities, access roads, drainage, and other necessary facilities have been or are being provided.
  - iii. Intent of Ordinance. The special use is consistent with the intent and purpose of this Ordinance to promote public health, safety, and general welfare.
  - iv. Nuisance Factors. Adequate measures have been or will be taken to prevent or control offensive odor, fumes, dust, noise, and vibration, so that none of these will constitute a nuisance and to control lighted signs and other lights in such a manner that no disturbance to neighboring properties will result.

- v. Comprehensive Plan. The special use is not inconsistent with the comprehensive plan and land use policies of the County.
  - vi. Cumulative Impact. The Board shall make a determination that the proposed use would not cause a significant adverse cumulative impact when considered together with other uses previously permitted by special use permit. While the impact of a single use permitted by conditional use permit may be deemed acceptable by the Board, the location of more than one conditional use in close proximity to another conditional use may have the potential of causing a significant adverse cumulative impact in the neighborhood.
- b. Conditions on Use. In granting any special use permit, the Board of Adjustment may set minimum requirements, and/or specify conditions and restrictions on the proposed use. Violations of such conditions and requirements, when made a part of the terms under which the special use is granted, shall be deemed a violation of this Ordinance and punishable under Section 16 of this Ordinance. In addition, the Board is authorized to revoke any special use permit under circumstances where the special use is being conducted in violation of the conditions and restrictions of the permit or of any other applicable legal requirements.
  - c. Time. The Board shall determine whether or not the conditional use shall be limited in duration and/or hours of operation. The terms of the conditional use permit shall specify any such limitation.
  - d. Landscaping. Appropriate landscaping berms and buffers are included if necessary to minimize the impact of the conditional use on adjacent property.
  - e. Financial Guarantees. The Board shall determine whether or not the special use permit applicant should be required to submit a plan to rehabilitate the subject tract once the special use has terminated and provide for the funding of said restoration. If the Board requires such a plan, then the special use permit may not be granted until such time as the plan as the plan has been submitted to the Board and approved.
  - f. Review by County Zoning Commission. All applications for special use permit shall be submitted to the County Zoning Commission for its review prior to the public hearing before the Board of Adjustment. Each application shall be considered by the Zoning Commission at a public hearing. After the public hearing, the Zoning Commission promptly shall submit a report to the Board of Adjustment on its findings and recommendations regarding the application. No final action shall be taken by the Board of Adjustment on any application for special use permit until such time as the Board has received and reviewed the report of the Zoning Commission.
  - g. Report by Conservation Department. All applications for conditional use permit shall be submitted to the Conservation Department for review. The Conservation Department shall submit a report on the impact of the proposed use on the environment and on conservation issues prior to the public hearings before the County Zoning Commission and Board of Adjustment. The Board shall consider all recommendations included in the report before determining appropriate environmental protections. The Board shall require reasonable measures to control noise, odor, and dust adequately and to prevent the operation from posing an environmental risk for neighboring properties or waterways. The terms of the conditional use permit shall specify any such required measures.

- h. Report by County Engineer. All applications for conditional use permit shall be submitted to the County Engineer for review. The County Engineer shall submit a report on the impact of the proposed use on roads and other infrastructure matters prior to the public hearings before the County Zoning Commission and Board of Adjustment. The Board may require reasonable measures to be taken by the applicant to address the impact on roads and other infrastructure matters. The terms of the conditional use permit shall specify any such required measures.
- i. Proximity to City Limits. In determining whether to allow or deny a conditional use permit, the Board of Adjustment shall consider the proximity of the subject property to the corporate limits of any city or town.

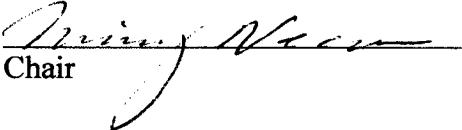
## **SECTION 17 D JURISDICTION AND POWERS OF THE BOARD OF ADJUSTMENT**

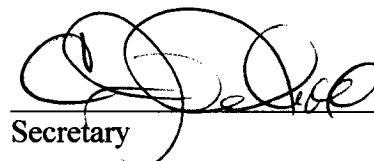
### **D. Jurisdiction and Powers of the Board of Adjustment.**

- 1. The Board of Adjustment shall have the following powers and duties.
  - b. To hear and decide applications for conditional use permits and exceptions upon which the Board is required to address by other sections of this Ordinance.

After careful consideration of all the information that has been presented, and for the factual reasons set forth in the above noted Sections 14 & 17 both of which are incorporated by this reference herein, the Board of Adjustment hereby finds:

The applicant Hollingsworth Family Trust & Rob Viera-Buell Consulting c/o Verizon Wireless request for Conditional Use Permit and Height Authorization has X / has not \_\_\_\_\_ met the requirements of the Madison County Zoning Ordinance.

  
Chair

  
Secretary

Original Filed with the Secretary of the Board of Adjustment on May 3, 2022.

**BOARD OF ADJUSTMENT  
SPECIAL EXCEPTION, SPECIAL USE, CONDITIONAL USE  
DECISION MAKING WORKSHEET**

APPLICANT NAME: **Hollingsworth Family Trust & Rob Viera-Buell Consulting c/o Verizon Wireless**

DATE: 05-03-22

The terms Special Use and Conditional Use are synonymous. Zoning has two use categories, permitted uses are those listed by the ordinance as being allowed by right in a zoning district. Special Use or Conditional Use are terms used to describe those uses listed by the ordinance as being permissible at the discretion of the Board of Adjustment. The Madison County Zoning Ordinance references this below.

**SECTION 14 – EXCEPTIONS, MODIFICATIONS, INTERPRETATIONS AND CONDITIONAL USES**

*E. Conditional Uses. The development and administration of a comprehensive zoning ordinance is based upon the division of the County into zoning districts with uniform regulations defining permitted uses of land and structures within each district. It is recognized, however, that there are occasions when in addition to the principal permitted uses, conditional uses may be allowed after careful consideration of the impact of the uses upon the neighborhood and public facilities therein. The following uses may be authorized by a conditional use permit granted by the Board of Adjustment Under no conditions shall the sum or any part thereof be refunded for failure of said application to be approved.*

The above section of the ordinance states that conditional uses are allowed only by specific approval of the Board of Adjustment and only in the zone in which they are listed.

The Board of Adjustment may approve or deny any applications for a conditional use permit. If it approves the issuance of a conditional use permit, it may attach conditions to the approval such as time limitations, requirements that one or more things be done before construction can be initiated, or conditions of a continuing nature. Any such condition shall be recorded in the board's minutes and on the conditional use permit, along with a reference to the specific section of the zoning regulations, or any other applicable ordinance of the County listing the conditional use under consideration.

1. Is the request a use that may be authorized by a conditional use permit granted by the Board of Adjustment?  Yes  No
2. Does the request meet all the requirements of the Zoning Ordinance and if approved will it be compliant with the Zoning Ordinance?  Yes  No
3. Departmental reviews required by Zoning Ordinance.

*Complete Waived*

- |                                     |                                     |  |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <u>Review by County Zoning Commission.</u> All applications for special use permit shall be submitted to the County Zoning Commission for its review prior to the public hearing before the Board of Adjustment. |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <u>Report by Conservation Department.</u> All applications for conditional use permit shall be submitted to the Conservation Department for review.  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <u>Report by County Engineer.</u> All applications for conditional use permit shall be submitted to the County Engineer for review.  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <u>Report by the County Environmental Health Officer.</u> All applications for conditional use shall be submitted to Environmental Health for review.  |

Individual comments or concerns regarding the required departmental reviews:

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4. Required Findings. No special use permit shall be granted by the Board of Adjustment unless the Board first finds that the following conditions in the ordinance exist. By marking yes, you are stating that the required finding has been met:

- Surrounding Area: The value and qualities of the area (or neighborhood) surrounding the conditional will not be substantially injured, and the establishment of a special use will not impede the normal and orderly development and improvement of surrounding undeveloped property for uses predominant in the area. *In reviewing and acting upon each application for a special use permit, the Board should give due consideration to the proximity of the proposed use to public parks, schools, licensed day care facilities, dwellings, and residential districts.*

**This request meets the above expectation:**  Yes  No

- Infrastructure. Adequate utilities, access roads, drainage, and other necessary facilities have been or are being provided.

**This request meets the above expectation:**  Yes  No

- Intent of Ordinance. The special use is consistent with the intent and purpose to promote public health, safety, and general welfare.

**This request meets the above expectation:**  Yes  No

- Nuisance Factors. Adequate measures have been or will be taken to prevent or control offensive odor, fumes, dust, noise, and vibration, so that none of these will constitute a nuisance and to control lighted signs and other lights in such a manner that no disturbance to neighboring properties will result.

**This request meets the above expectation:**  Yes  No

- Comprehensive Plan. The special use is consistent with the comprehensive plan and land use policies of Madison County.

**This request meets the above expectation:**  Yes  No

- Cumulative Impact. The Board shall make a determination that the proposed use would not cause a significant adverse cumulative impact when considered together with other uses previously permitted by special use permit.

**This request meets the above expectation:**  Yes  No

*It is my determination this request meets the Required Findings as listed in the ordinance.*

Yes  No

List any areas that do not meet the Required Findings: \_\_\_\_\_

5. In granting any special use permit, the Board of Adjustment may set minimum requirements, and/or specify conditions and restrictions on the proposed use.

Examples of conditions and/or restrictions that may be placed on a permit:

- a) Time-The Board may determine whether or not the conditional use shall be limited in duration and/or hours of operation.
- b) Landscaping-The Board may determine if appropriate landscaping berms and buffers should be included to minimize the impact of the conditional use on adjacent property
- c) Financial Guarantees-The Board may determine whether or not the special use permit applicant should be required to provide any financial guarantees for any portion of the project such as bonding for road completion, installation of any of the project landscaping berms or buffers etc.
- d) At Completion Plan and Profile-The Board may require "at completion" plan and profiles of any of the proposed construction related to the permit such as an at completion plan and profile for the construction of a road.
- e) Height approval for any uses, or like and similar use specified in Section 14 (C)
- f) Other conditions and/or restrictions

List any conditions you feel should be included: \_\_\_\_\_

After consideration of the information presented, and for the factual reasons set forth in this worksheet, I will cast my

vote to: APPROVE  DENY  this request.

Signature Rising West

Date 5/3/22

**BOARD OF ADJUSTMENT  
SPECIAL EXCEPTION, SPECIAL USE, CONDITIONAL USE  
DECISION MAKING WORKSHEET**

APPLICANT NAME: Hollingsworth Family Trust & Rob Viera-Buell Consulting c/o Verizon Wireless

DATE: 05-03-22

The terms Special Use and Conditional Use are synonymous. Zoning has two use categories, permitted uses are those listed by the ordinance as being allowed by right in a zoning district. Special Use or Conditional Use are terms used to describe those uses listed by the ordinance as being permissible at the discretion of the Board of Adjustment. The Madison County Zoning Ordinance references this below.

**SECTION 14 – EXCEPTIONS, MODIFICATIONS, INTERPRETATIONS AND CONDITIONAL USES**

*E. Conditional Uses. The development and administration of a comprehensive zoning ordinance is based upon the division of the County into zoning districts with uniform regulations defining permitted uses of land and structures within each district. It is recognized, however, that there are occasions when in addition to the principal permitted uses, conditional uses may be allowed after careful consideration of the impact of the uses upon the neighborhood and public facilities therein. The following uses may be authorized by a conditional use permit granted by the Board of Adjustment Under no conditions shall the sum or any part thereof be refunded for failure of said application to be approved.*

The above section of the ordinance states that conditional uses are allowed only by specific approval of the Board of Adjustment and only in the zone in which they are listed.

The Board of Adjustment may approve or deny any applications for a conditional use permit. If it approves the issuance of a conditional use permit, it may attach conditions to the approval such as time limitations, requirements that one or more things be done before construction can be initiated, or conditions of a continuing nature. Any such condition shall be recorded in the board's minutes and on the conditional use permit, along with a reference to the specific section of the zoning regulations, or any other applicable ordinance of the County listing the conditional use under consideration.

1. Is the request a use that may be authorized by a conditional use permit granted by the Board of Adjustment?  
 Yes       No
2. Does the request meet all the requirements of the Zoning Ordinance and if approved will it be compliant with the Zoning Ordinance?  Yes       No
3. Departmental reviews required by Zoning Ordinance.

*Complete Waived*

- Review by County Zoning Commission. All applications for special use permit shall be submitted to the County Zoning Commission for its review prior to the public hearing before the Board of Adjustment.
- Report by Conservation Department. All applications for conditional use permit shall be submitted to the Conservation Department for review.
- Report by County Engineer. All applications for conditional use permit shall be submitted to the County Engineer for review.
- Report by the County Environmental Health Officer. All applications for conditional use shall be submitted to Environmental Health for review.

Individual comments or concerns regarding the required departmental reviews:

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4. Required Findings. No special use permit shall be granted by the Board of Adjustment unless the Board first finds that the following conditions in the ordinance exist. By marking yes, you are stating that the required finding has been met:

- Surrounding Area: The value and qualities of the area (or neighborhood) surrounding the conditional will not be substantially injured, and the establishment of a special use will not impede the normal and orderly development and improvement of surrounding undeveloped property for uses predominant in the area. *In reviewing and acting upon each application for a special use permit, the Board should give due consideration to the proximity of the proposed use to public parks, schools, licensed day care facilities, dwellings, and residential districts.*

**This request meets the above expectation:**  Yes  No

- Infrastructure. Adequate utilities, access roads, drainage, and other necessary facilities have been or are being provided.

**This request meets the above expectation:**  Yes  No

- Intent of Ordinance. The special use is consistent with the intent and purpose to promote public health, safety, and general welfare.

**This request meets the above expectation:**  Yes  No

- Nuisance Factors. Adequate measures have been or will be taken to prevent or control offensive odor, fumes, dust, noise, and vibration, so that none of these will constitute a nuisance and to control lighted signs and other lights in such a manner that no disturbance to neighboring properties will result.

**This request meets the above expectation:**  Yes  No

- Comprehensive Plan. The special use is consistent with the comprehensive plan and land use policies of Madison County.

**This request meets the above expectation:**  Yes  No

- Cumulative Impact. The Board shall make a determination that the proposed use would not cause a significant adverse cumulative impact when considered together with other uses previously permitted by special use permit.

**This request meets the above expectation:**  Yes  No

*It is my determination this request meets the Required Findings as listed in the ordinance.*

Yes  No

List any areas that do not meet the Required Findings: \_\_\_\_\_

5. In granting any special use permit, the Board of Adjustment may set minimum requirements, and/or specify conditions and restrictions on the proposed use.

Examples of conditions and/or restrictions that may be placed on a permit:

- a) Time-The Board may determine whether or not the conditional use shall be limited in duration and/or hours of operation.
- b) Landscaping-The Board may determine if appropriate landscaping berms and buffers should be included to minimize the impact of the conditional use on adjacent property
- c) Financial Guarantees-The Board may determine whether or not the special use permit applicant should be required to provide any financial guarantees for any portion of the project such as bonding for road completion, installation of any of the project landscaping berms or buffers etc.
- d) At Completion Plan and Profile-The Board may require "at completion" plan and profiles of any of the proposed construction related to the permit such as an at completion plan and profile for the construction of a road.
- e) Height approval for any uses, or like and similar use specified in Section 14 (C)
- f) Other conditions and/or restrictions

List any conditions you feel should be included: \_\_\_\_\_

After consideration of the information presented, and for the factual reasons set forth in this worksheet, I will cast my

vote to: APPROVE  DENY  this request.

Signature

*Mary Kathryn Bigelow* Date 5-3-2022

**BOARD OF ADJUSTMENT**  
**SPECIAL EXCEPTION, SPECIAL USE, CONDITIONAL USE**  
**DECISION MAKING WORKSHEET**

APPLICANT NAME: **Hollingsworth Family Trust & Rob Viera-Buell Consulting c/o Verizon Wireless**

DATE: **05-03-22**

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1. Is the request a use that may be authorized by a conditional use permit granted by the Board of Adjustment?  
 Yes       No
2. Does the request meet all the requirements of the Zoning Ordinance and if approved will it be compliant with the Zoning Ordinance?  Yes       No
3. Departmental reviews required by Zoning Ordinance.

*Complete Waived*

- |                                     |                                     |  |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <u>Review by County Zoning Commission.</u> All applications for special use permit shall be submitted to the County Zoning Commission for its review prior to the public hearing before the Board of Adjustment. |
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Individual comments or concerns regarding the required departmental reviews:

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4. Required Findings. No special use permit shall be granted by the Board of Adjustment unless the Board first finds that the following conditions in the ordinance exist. By marking yes, you are stating that the required finding has been met:

- Surrounding Area: The value and qualities of the area (or neighborhood) surrounding the conditional will not be substantially injured, and the establishment of a special use will not impede the normal and orderly development and improvement of surrounding undeveloped property for uses predominant in the area. *In reviewing and acting upon each application for a special use permit, the Board should give due consideration to the proximity of the proposed use to public parks, schools, licensed day care facilities, dwellings, and residential districts.*

**This request meets the above expectation:**  Yes  No

- Infrastructure. Adequate utilities, access roads, drainage, and other necessary facilities have been or are being provided.

**This request meets the above expectation:**  Yes  No

- Intent of Ordinance. The special use is consistent with the intent and purpose to promote public health, safety, and general welfare.

**This request meets the above expectation:**  Yes  No

- Nuisance Factors. Adequate measures have been or will be taken to prevent or control offensive odor, fumes, dust, noise, and vibration, so that none of these will constitute a nuisance and to control lighted signs and other lights in such a manner that no disturbance to neighboring properties will result.

**This request meets the above expectation:**  Yes  No

- Comprehensive Plan. The special use is consistent with the comprehensive plan and land use policies of Madison County.

**This request meets the above expectation:**  Yes  No

- Cumulative Impact. The Board shall make a determination that the proposed use would not cause a significant adverse cumulative impact when considered together with other uses previously permitted by special use permit.

**This request meets the above expectation:**  Yes  No

*It is my determination this request meets the Required Findings as listed in the ordinance.*

Yes  No

List any areas that do not meet the Required Findings: \_\_\_\_\_

5. In granting any special use permit, the Board of Adjustment may set minimum requirements, and/or specify conditions and restrictions on the proposed use.

Examples of conditions and/or restrictions that may be placed on a permit:

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- e) Height approval for any uses, or like and similar use specified in Section 14 (C)
- f) Other conditions and/or restrictions

List any conditions you feel should be included: \_\_\_\_\_

After consideration of the information presented, and for the factual reasons set forth in this worksheet, I will cast my

vote to: APPROVE  DENY  this request.

Signature

Date 5-3-2022

**BOARD OF ADJUSTMENT  
SPECIAL EXCEPTION, SPECIAL USE, CONDITIONAL USE  
DECISION MAKING WORKSHEET**

APPLICANT NAME: **Hollingsworth Family Trust & Rob Viera-Buell Consulting c/o Verizon Wireless**

DATE: 05-03-22

The terms Special Use and Conditional Use are synonymous. Zoning has two use categories, permitted uses are those listed by the ordinance as being allowed by right in a zoning district. Special Use or Conditional Use are terms used to describe those uses listed by the ordinance as being permissible at the discretion of the Board of Adjustment. The Madison County Zoning Ordinance references this below.

**SECTION 14 – EXCEPTIONS, MODIFICATIONS, INTERPRETATIONS AND CONDITIONAL USES**

*E. Conditional Uses. The development and administration of a comprehensive zoning ordinance is based upon the division of the County into zoning districts with uniform regulations defining permitted uses of land and structures within each district. It is recognized, however, that there are occasions when in addition to the principal permitted uses, conditional uses may be allowed after careful consideration of the impact of the uses upon the neighborhood and public facilities therein. The following uses may be authorized by a conditional use permit granted by the Board of Adjustment Under no conditions shall the sum or any part thereof be refunded for failure of said application to be approved.*

The above section of the ordinance states that conditional uses are allowed only by specific approval of the Board of Adjustment and only in the zone in which they are listed.

The Board of Adjustment may approve or deny any applications for a conditional use permit. If it approves the issuance of a conditional use permit, it may attach conditions to the approval such as time limitations, requirements that one or more things be done before construction can be initiated, or conditions of a continuing nature. Any such condition shall be recorded in the board's minutes and on the conditional use permit, along with a reference to the specific section of the zoning regulations, or any other applicable ordinance of the County listing the conditional use under consideration.

1. Is the request a use that may be authorized by a conditional use permit granted by the Board of Adjustment?  
 Yes       No
2. Does the request meet all the requirements of the Zoning Ordinance and if approved will it be compliant with the Zoning Ordinance?  Yes       No
3. Departmental reviews required by Zoning Ordinance.

*Complete Waived*

- Review by County Zoning Commission. All applications for special use permit shall be submitted to the County Zoning Commission for its review prior to the public hearing before the Board of Adjustment.
- Report by Conservation Department. All applications for conditional use permit shall be submitted to the Conservation Department for review.
- Report by County Engineer. All applications for conditional use permit shall be submitted to the County Engineer for review.
- Report by the County Environmental Health Officer. All applications for conditional use shall be submitted to Environmental Health for review.

*Information Sent*

Individual comments or concerns regarding the required departmental reviews:

---

4. Required Findings. No special use permit shall be granted by the Board of Adjustment unless the Board first finds that the following conditions in the ordinance exist. By marking yes, you are stating that the required finding has been met:

- Surrounding Area: The value and qualities of the area (or neighborhood) surrounding the conditional will not be substantially injured, and the establishment of a special use will not impede the normal and orderly development and improvement of surrounding undeveloped property for uses predominant in the area. *In reviewing and acting upon each application for a special use permit, the Board should give due consideration to the proximity of the proposed use to public parks, schools, licensed day care facilities, dwellings, and residential districts.*

**This request meets the above expectation:**  Yes  No

- Infrastructure. Adequate utilities, access roads, drainage, and other necessary facilities have been or are being provided.

**This request meets the above expectation:**  Yes  No

- Intent of Ordinance. The special use is consistent with the intent and purpose to promote public health, safety, and general welfare.

**This request meets the above expectation:**  Yes  No

- Nuisance Factors. Adequate measures have been or will be taken to prevent or control offensive odor, fumes, dust, noise, and vibration, so that none of these will constitute a nuisance and to control lighted signs and other lights in such a manner that no disturbance to neighboring properties will result.

**This request meets the above expectation:**  Yes  No

- Comprehensive Plan. The special use is consistent with the comprehensive plan and land use policies of Madison County.

**This request meets the above expectation:**  Yes  No

- Cumulative Impact. The Board shall make a determination that the proposed use would not cause a significant adverse cumulative impact when considered together with other uses previously permitted by special use permit.

**This request meets the above expectation:**  Yes  No

*It is my determination this request meets the Required Findings as listed in the ordinance.*

Yes  No

List any areas that do not meet the Required Findings: \_\_\_\_\_

5. In granting any special use permit, the Board of Adjustment may set minimum requirements, and/or specify conditions and restrictions on the proposed use.

Examples of conditions and/or restrictions that may be placed on a permit:

- a) Time-The Board may determine whether or not the conditional use shall be limited in duration and/or hours of operation.
- b) Landscaping-The Board may determine if appropriate landscaping berms and buffers should be included to minimize the impact of the conditional use on adjacent property
- c) Financial Guarantees-The Board may determine whether or not the special use permit applicant should be required to provide any financial guarantees for any portion of the project such as bonding for road completion, installation of any of the project landscaping berms or buffers etc.
- d) At Completion Plan and Profile-The Board may require "at completion" plan and profiles of any of the proposed construction related to the permit such as an at completion plan and profile for the construction of a road.
- e) Height approval for any uses, or like and similar use specified in Section 14 (C)
- f) Other conditions and/or restrictions

List any conditions you feel should be included: \_\_\_\_\_

After consideration of the information presented, and for the factual reasons set forth in this worksheet, I will cast my

vote to: APPROVE  DENY  this request.

Signature

Date 5/3/2022

**BOARD OF ADJUSTMENT  
SPECIAL EXCEPTION, SPECIAL USE, CONDITIONAL USE  
DECISION MAKING WORKSHEET**

APPLICANT NAME: **Hollingsworth Family Trust & Rob Viera-Buell Consulting c/o Verizon Wireless**

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*Complete Waived*

- |                                     |                                     |  |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <u>Review by County Zoning Commission.</u> All applications for special use permit shall be submitted to the County Zoning Commission for its review prior to the public hearing before the Board of Adjustment. |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <u>Report by Conservation Department.</u> All applications for conditional use permit shall be submitted to the Conservation Department for review.  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <u>Report by County Engineer.</u> All applications for conditional use permit shall be submitted to the County Engineer for review.  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <u>Report by the County Environmental Health Officer.</u> All applications for conditional use shall be submitted to Environmental Health for review.  |

Individual comments or concerns regarding the required departmental reviews:

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*It is my determination this request meets the Required Findings as listed in the ordinance.*

Yes  No

List any areas that do not meet the Required Findings: None

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- f) Other conditions and/or restrictions

List any conditions you feel should be included:

After consideration of the information presented, and for the factual reasons set forth in this worksheet, I will cast my

vote to: APPROVE  DENY  this request.

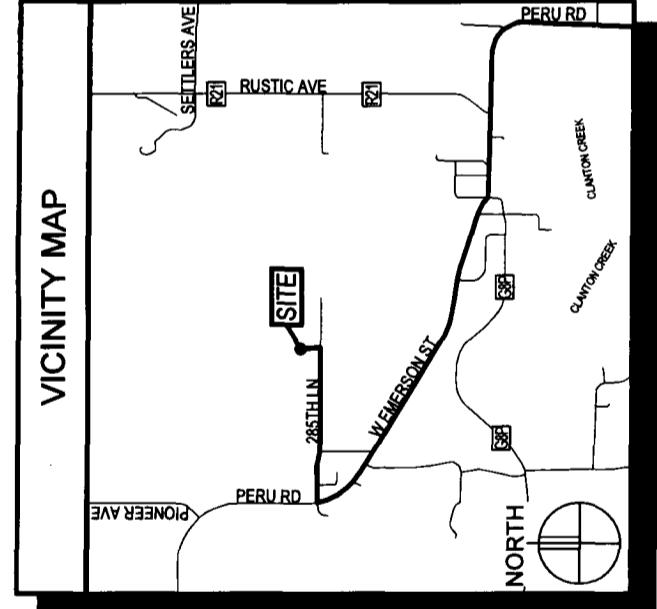
Signature

Date 5-3-22

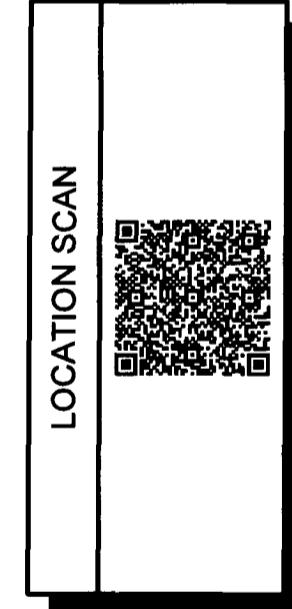
# Verizon

## IA07 EAST PERU NEW BUILD

PROJECT INFORMATION	
SITE NAME:	IA07 EAST PERU
SITE ADDRESS:	285TH LN EAST PERU, IA 50222
COUNTY:	MADISON
LONGITUDE:	N 41° 14' 13.35" (NAD83)
LONGITUDE:	W 93° 56' 07.46" (NAD83)
CONSTRUCTION TYPE:	DRAWING BASED ON SITE DATA FORM DATED: 11-01-21
SITE AREA:	75' X 75' = 5,625 S.F.



SHEET INDEX	
SHEET	SHEET DESCRIPTION
T-1	PROJECT INFORMATION, TOWER ELEVATION, & SHEET INDEX
A-1	SITE PLAN & DETAIL INDEX
A-2	ENLARGED SITE PLAN
A-3	ANTENNA AND COAX KEY, CABLE BRIDGE PLAN, & NOTES
A-4	OUTLINE SPECIFICATIONS
G-1	GROUNDING NOTES
G-2	GROUNDING PLAN & GROUNDING DETAIL INDEX
U-1	SITE UTILITY PLANS & NOTES
U-2	H-FRAME DETAIL - SURVEY



ISSUE SUMMARY	
REV	DESCRIPTION
A	ISSUED FOR REVIEW 12-13-21
B	ISSUED FOR OWNER SIGNOFF 01-17-22
(signature) Joshua Herzog 01/17/2022 (date)	
Printed or typed name: Joshua Herzog	
License number: P0456	
My license renewal date is December 31, 2022	
Pages or sheets covered by this seal: T-1, A-1, A-2, A-3, A-4, G-1, G-2, U-1, U-2	

## DEPARTMENTAL APPROVALS

**HERZOG**  
ENGINEERING LLC  
530 North 3rd Street, Suite 230  
Minneapolis, MN 55401  
(612) 844-1234



## LESSOR / LICENSOR APPROVAL

JOSHUA  
HERZOG  
20456  
01/17/2022  
STRUCTURAL # 221009

**DESIGN**

9973 VALLEY VIEW RD.  
EDEN PRAIRIE, MN 55344  
(651) 903-8288  
WWW.DESIGN1EP.COM

**Verizon**

10801 BUSH LAKE ROAD  
BLOOMINGTON, MN 55438  
(612) 946-4700

PROJECT  
20202126631  
LOC. CODE: 6225598

IA07  
EAST PERU

285TH LN  
EAST PERU, IA 50222

SHEET CONTENTS:  
CONTACTS  
ISSUE SUMMARY  
SHEET INDEX  
DEPARTMENTAL APPROVALS  
LESSOR APPROVAL  
PROJECT INFORMATION  
AREA & VICINITY MAPS  
GENERAL NOTES  
DRAWN BY: CJW  
DATE: 12-06-21  
CHECKED BY: TRB  
REV. A 12-15-21  
REV. B 01-17-22

1  
EAST ELEVATION  
SCALE: 1" = 40'

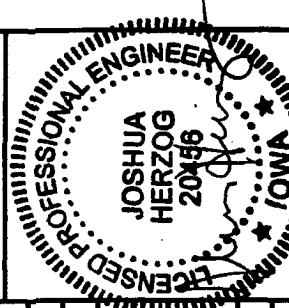


T-1

NOTE:  
1. NO STRUCTURAL DESIGN FOR THE POLE, MOUNTS OR FOUNDATION HAVE BEEN PERFORMED AS PART OF THESE DRAWINGS. THE STRUCTURAL DESIGN FOR THE POLE, MOUNT AND FOUNDATION ARE BY THE TOWER SUPPLIER, AND SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT.  
2. THE STRUCTURAL DESIGN FOR THE MOUNTS SHALL BE PER THE VERIZON NETWORK STANDARD NSTD-445. ALL LOADING AND DESIGN SHALL BE PER THE TA-222-H STANDARD.  
3. THE DESIGNER/EDOR MAKES NO WARRANTY, EXPRESSED OR IMPLIED, OF THE ACCURACY OF THE STRUCTURAL DESIGN AND THE PERFORMANCE OF THE COMPLETED CONSTRUCTION AS SHOWN ON THESE DOCUMENTS AND THE STRUCTURAL DESIGN.



**HERZOG**  
ENGINEERING LLC  
530 North 3rd Street, Suite 230  
Minneapolis, MN 55401  
(612) 844-1234



**DESIGN 1**

STRUCTURAL # 221009

01/17/2022

**verizon**

9873 VALLEY VIEW RD.  
EDEN PRAIRIE, MN 55344  
(612) 903-9269  
WWW.DESIGNEP.COM

PROJECT

2020212631

LOC. CODE: 6229598

IA07  
EAST PERU

285TH LN  
EAST PERU, IA 50222

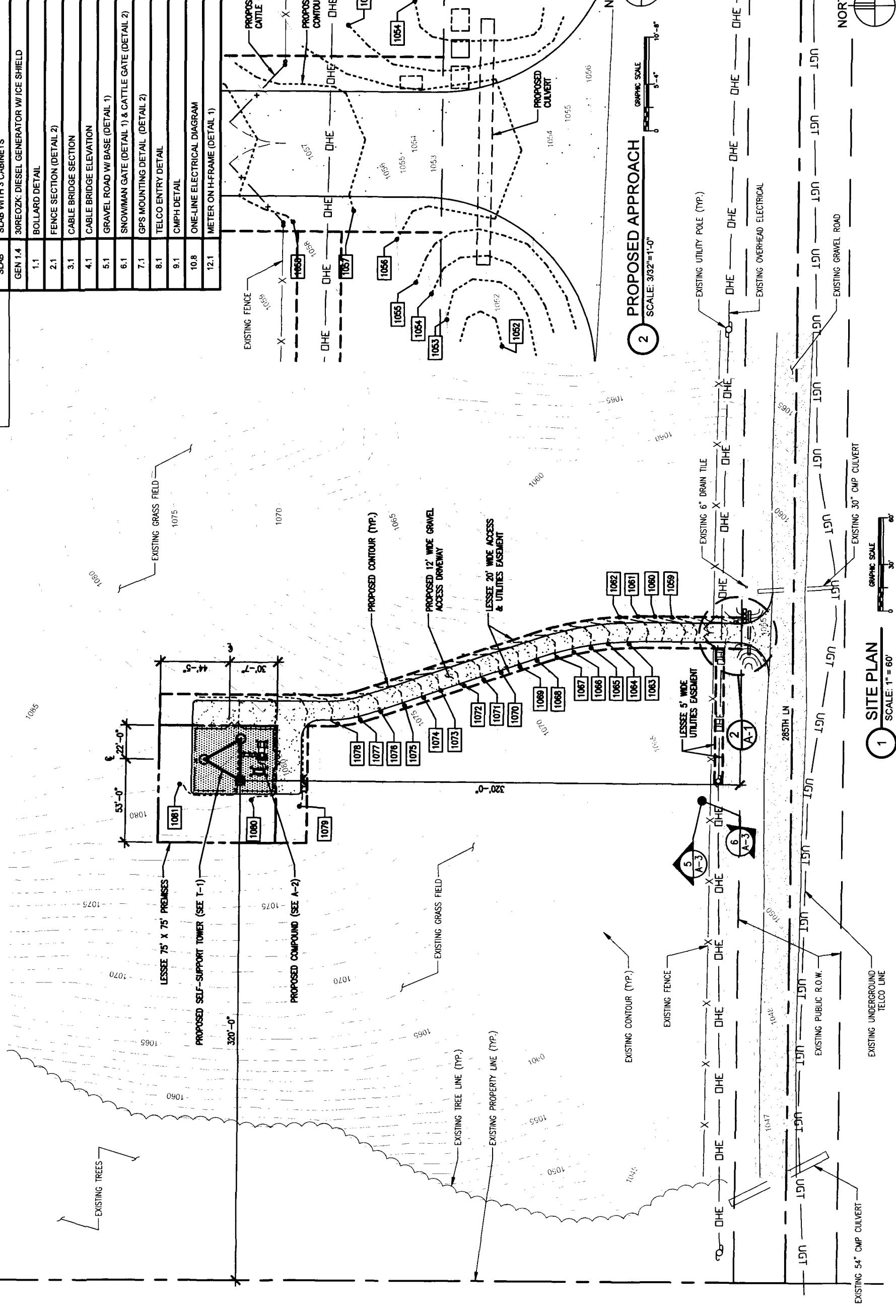
SHEET CONTENTS:  
SITE PLAN  
DETAIL INDEX

DRAWN BY: CJW  
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REV. A 12-15-21  
REV. B 01-17-22

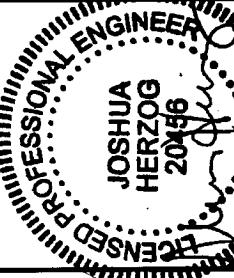
A-1

**DETAIL INDEX**

GENERATOR TYPE: DIESEL	DETAIL	DETAIL DESCRIPTION
FROST DEPTH DESIGN = 3'-6"	SLAB	SLAB WITH 3 CABINETS
	GEN 1.4	30REOZK; DIESEL GENERATOR W/ ICE SHIELD
	1.1	BOLLARD DETAIL
	2.1	FENCE SECTION (DETAIL 2)
	3.1	CABLE BRIDGE SECTION
	4.1	CABLE BRIDGE ELEVATION
	5.1	GRAVEL ROAD W/ BASE (DETAIL 1)
	6.1	SNOWMAN GATE (DETAIL 1) & CATTLE GATE (DETAIL 2)
	7.1	GPS MOUNTING DETAIL (DETAIL 2)
	8.1	TELCO ENTRY DETAIL
	9.1	CMPH DETAIL
	10.8	ONE-LINE ELECTRICAL DIAGRAM
	12.1	METER ON H-FRAME (DETAIL 1)



**HERZOG**  
ENGINEERING LLC  
530 North 3rd Street, Suite 230  
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**DESIGN**

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EAST PERU

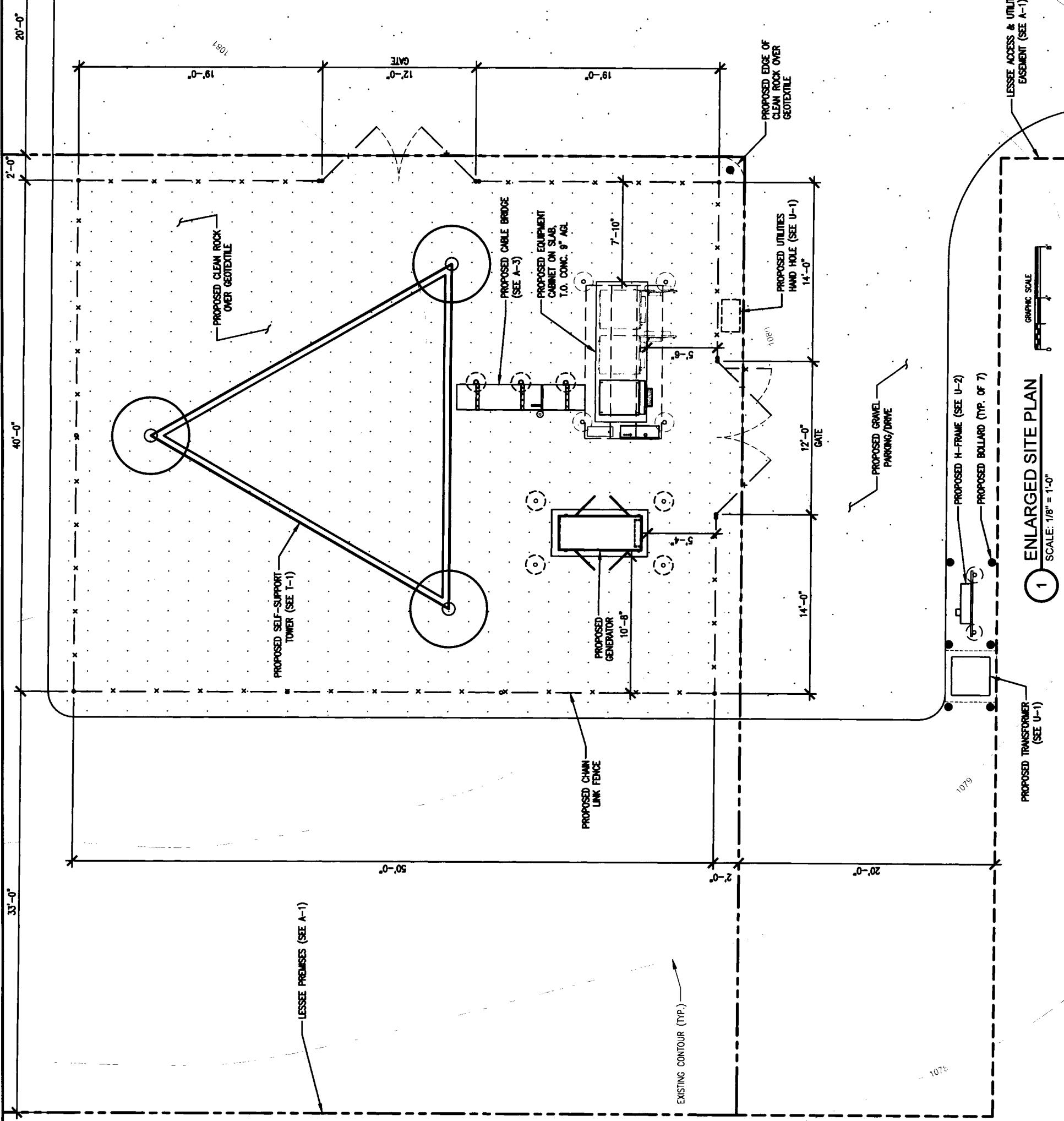
285TH LN  
EAST PERU, IA 50222  
SHEET CONTENTS:  
ENLARGED SITE PLAN

DRAWN BY: C.W.  
DATE: 12-06-21  
CHECKED BY: TRB  
REV. A 12-13-21  
REV. B 01-17-22

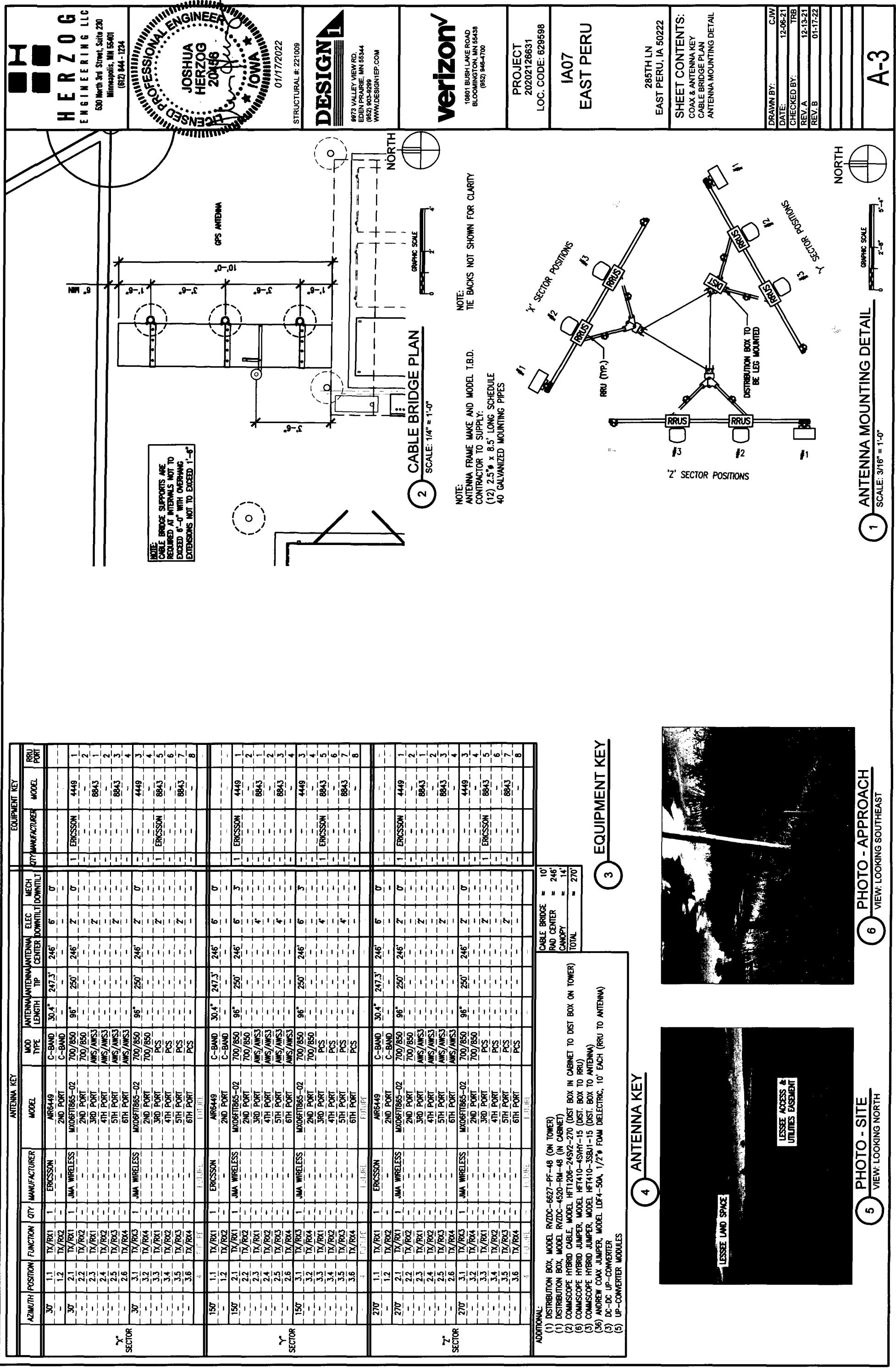


NOTE:  
CONTRACTOR TO COORDINATE PUBLIC &  
PRIVATE UTILITY LOCATES PER STATE LAW  
PRIOR TO EXCAVATION. EXISTING UTILITY  
LINES DEVIATING FROM THAT SHOWN  
HEREIN SHALL BE BROUGHT TO THE  
ATTENTION OF THE DESIGNER & VZW  
CONSTRUCTION ENGINEER.

NOTE:  
SEE A-1 FOR CONTOUR PLAN



A-2





**H E R Z O G**  
ENGINEERING LLC  
530 North 3rd Street, Suite 230  
Minneapolis, MN 55401  
(612) 844-1224



**OWNER-FURNISHED EQUIPMENT & FEES**

**METALS**  
Contractor shall coordinate the electrical service to the building with the Utility Provider. Conduits shall include pull strings. Underground conduits shall be 2-1/2" Schedule 40 PVC. (schedule 80 PVC under roads and drives) Cable to be 3/0 THHN CL. Trenches shall be backfilled in a timely fashion, using a compactor, and including two (2) detectable ribbons; one each at 3" and 15" above conduit. Service shall be 200 amp, single phase, 120/240 volt. Service type shall be "General Time-Of-Day" if available, and meter bases shall be approved by utility provider. Contractor to provide and install expansion joint sleeve connections to prevent differential movement at utility connections.

**02 7800 POWER TO SITE**  
Contractor shall provide 2" SDR-11 HDPE conduit for fiber conduit as noted on Drawings when directional boring is utilized. Contractor shall provide 2" schedule 40 PVC conduit and 2" schedule 80 PVC conduit under roadways with large-sweep elbows for fiber conduit as noted on Drawings when hand trenched. Trenches shall be in Q2 7800.

Contractor to provide and install handholes as noted in the Drawings. Additional handholes shall be provided and installed a maximum of 500 feet on center, at 90° bends if directional boring, and every third bend if hand trenched. Handholes size per Drawings and traffic-rated in roadways.

Contractor to provide and install expansion joint sleeve connections to prevent differential movement at utility connections.

**02 8000 SITE IMPROVEMENTS**  
Areas bounded by fence and adjacent to Equipment Cabinets shall receive polyethylene geotextile, 200 mesh woven, topped with 3" deep 3/4" to 1 1/2" clean rock (no fines), rolled smooth.

**02 8001 FENCING**  
All fence materials and fittings shall be galvanized steel. Fence shall be 6'-0" high x 9' ga. X 2" chain link fabric, w/ 7 ga. bottom tension wire. Corner and Gate posts shall be 2 7/8" O.D. sch 40 steel pipe, driven 54" below grade. Line posts shall be 2 3/8" O.D. sch 40 steel pipe. Top Rail shall be 1 5/8" O.D. steel pipe. Gate frames shall be 1 5/8" O.D. welded pipe. Fence top shall be three (3) strands barbed wire to 7'-0" above grade, coated outward. Bracing shall be truss rods and 1 5/8" O.D. pipe mid-rails at corners. Gate latch shall be commercial grade, "Cargo" or equal. Fabric shall extend to within 1" of finish grade. Fence enclosures shall be completed within 7 days of tower erecting and Contractor shall provide for temporary security fence at base of Tower. Existing fences shall be protected against damage during this work, and any damage that may occur shall be repaired or replaced to equal existing pre-construction condition. Galvanized cattle gate to be provided and installed per drawings and in accordance with the manufacturing recommendations and specifications.

**01 5100 TEMPORARY UTILITIES**  
Contractor shall maintain the job site in a clean and orderly fashion, providing temporary sanitary facilities, waste disposal, and security (fence area or trailer module).

**01 5300 EQUIPMENT RENTAL**  
Contractor shall furnish equipment necessary to expedite work.

**01 5900 FIELD OFFICES & SHEDS**  
Contractor shall provide security (fence area or trailer module) for tools and materials that remain overnight on site.

**01 7000 CLEAN UP & CLOSE OUT**  
Contractor shall clean up the Site to the satisfaction of Owner. Contractor shall complete the items listed on the Owner's Punch List, and shall sign and return the List to the Owner. Contractor shall maintain a set of drawings during the job, on which changes shall be rated in red ink. A full set of redlined drawings (As-Builts) are to be given to the Designer at Job completion and submit construction work complete memo" to Construction Engineer.

**01 8000 TRUCKS & MILITAGE**  
Contractor shall provide transportation for their own personnel.

**01 8300 TRAVEL TIME & PER DIEM**  
Contractor shall provide room and board for their own personnel, and reasonable time for traveling to & from job site.

**01 9200 TAXES**  
Contractor shall pay sales and/or use tax on materials and taxable services.

**SITEWORK**

**02 1000 SITE PREPARATION**  
Contractor to mobilize within 7 calendar days of the Owner issuing a 'START' document. Contractor will immediately report to Designer if any environmental considerations arise. Site shall be scraped to a depth of 3" minimum to remove vegetative matter, and scrapings shall be stockpiled on site. Excess material to be disposed of in accordance with RFQ.

**02 1100 ROAD IMPROVEMENT & CONSTRUCTION**  
Contractor shall furnish materials for, and install, a twelve foot (12') wide gravel roadway from the road access to the work area, for truck and crane access to site. Base course shall be 6" deep, 3<sup>1</sup>/<sub>2</sub> crushed rock, topped with 3" deep, 1<sup>1</sup>/<sub>2</sub> crushed rock, topped with 3" deep IA Class A 13 Aggregate, (3/4" minus with binder) or Driveway Mix. Contractor shall furnish & install culverts as necessary to prevent ponding or washing-out from normal surface runoff. Contractor shall obtain city, county, state and/or federal approvals for road approach and culvert work within or adjacent to right-of ways. Road shall be graded smooth, and edges dressed, at job completion.

**02 2000 EARTHWORK & EXCAVATION**  
Excavation material shall be used for surface grading as necessary; excess to be stockpiled on site. Excess material to be disposed of in accordance with RFQ. For dewatering excavated areas, contractor shall utilize sock or sediment filter for filtering of water discharge.

**02 5000 PAVING & SURFACING**  
Gravel paving shall be as described in 02 1100.

**ELECTRIC**  
16 5000 LIGHTING AND ELECTRICAL  
Contractor shall provide labor and materials as necessary to complete the work shown on Drawings including items shipped loose with the Equipment Cabinets/Generator assembly.

**MASONRY**  
15 4000 PLUMBING  
N/A

**STRUCTURAL**  
13 3613 TRANSPORT AND ERECT TOWER/ANTENNA MOUNTS  
Contractor shall schedule delivery of Owner-furnished Tower, and provide cranes for unloading and erecting. Contractor to install antenna mounts. Contractor shall ensure the existence of a 3/8" cable safety climb (DBI/Safe or equal) on the Tower.

**MECHANICAL**  
13 3423 TRANSPORT AND SET EQUIPMENT CABINETS/GENERATOR  
Contractor shall provide crane(s) and/or truck for transporting, setting and erecting Equipment Cabinets/Generator per RFQ. Contractor shall install items shipped loose with the Equipment Cabinets/Generator including, but not limited to, the following: anchoring plates; stair assemblies; exterior lighting; canopies; guardrails; and bus bar.

**CONCRETE**  
03 1000 CONCRETE FORMWORK  
Concrete forms shall be dimensional lumber, modular, or steel.

**STRUCTURAL**  
03 8000 TOWER FOUNDATION  
Contractor shall arrange for delivery of anchors, and shall furnish and install materials per Tower Manufacturer Plans. Tower foundation concrete and reinforcing to be per tower manufacturer's specification. Contractor shall comply with the Owner's Standard CONSTRUCTION SPECIFICATIONS MINIMUM CONCRETE STANDARDS.

**STRUCTURAL**  
03 9000 EQUIPMENT CABINETS/GENERATOR FOUNDATION  
Contractor shall furnish & install materials for Equipment Cabinets/Generator foundation. Concrete shall be 6% ±1% air entrained, and 4,000 psi at 28 days. All reinforcing steel is to be Grade 60 (ASTM 615). Anchor bolts are furnished by Contractor. Contractor shall comply with the Owner's Standard CONSTRUCTION SPECIFICATIONS MINIMUM CONCRETE STANDARDS.

**STRUCTURAL**  
03 8001 CATHODIC PROTECTION  
N/A

**STRUCTURAL**  
02 1200 GROUNDING  
Contractor shall make themselves familiar with and follow the current GROUNDING STANDARDS of VERIZON WIRELESS. Contractor shall perform work as shown on Grounding Plans. Any site-specific grounding issues not covered by the GROUNDING STANDARD are to be addressed by the Contractor to the Owner.

**GENERAL CONDITIONS**  
**00 0001 PERMITS**  
Construction Permit shall be acquired by, or in the name of, Verizon Wireless, to be hereinafter referred to as the OWNER. Other permits shall be acquired by the Contractor.

**00 0002 SURVEY FEES**  
Survey shall be furnished by the Designer. Layout Staking shall be coordinated with the Surveyor per "Request For Quote". (RFQ).

**01 0010 INSURANCE & BONDS**  
Contractor will furnish insurance certificates for themselves and subcontractors. Contractor will provide any required Bonding. Contractor agrees to warranty the project for (1) one year after completion.

**01 0400 SUPERVISION & COORDINATION**  
Contractor shall provide supervision throughout the Project, coordinating the work of the Subcontractors, and delivery & installation of Owner-furnished items.

Contractor's responsibilities include arranging & conducting of Underground Utilities Locates. Contractor shall comply with municipal, county, state and/or federal codes, including OSHA.

**01 0600 TESTING**  
Contractor is responsible for providing Agencies with sufficient notice to arrange for Test Samples (i.e.: Concrete Cylinders), and for Special Inspections.

**01 2000 MEETINGS**  
Contractor shall make themselves aware of, and attend, meetings with the Owner and/or Designer. Contractor is to attend a Pre-Construction Meeting of all parties involved, prior to the start of construction.

**01 5100 TEMPORARY UTILITIES**  
Contractor shall maintain the job site in a clean and orderly fashion, providing temporary sanitary facilities, waste disposal, and security (fence area or trailer module).

**01 5300 EQUIPMENT RENTAL**  
Contractor shall furnish equipment necessary to expedite work.

**01 5900 FIELD OFFICES & SHEDS**  
Contractor shall provide security (fence area or trailer module) for tools and materials that remain overnight on site.

**01 7000 CLEAN UP & CLOSE OUT**  
Contractor shall clean up the Site to the satisfaction of Owner. Contractor shall complete the items listed on the Owner's Punch List, and shall sign and return the List to the Owner. Contractor shall maintain a set of drawings during the job, on which changes shall be rated in red ink. A full set of redlined drawings (As-Builts) are to be given to the Designer at Job completion and submit construction work complete memo" to Construction Engineer.

**01 8000 TRUCKS & MILITAGE**  
Contractor shall provide transportation for their own personnel.

**01 8300 TRAVEL TIME & PER DIEM**  
Contractor shall provide room and board for their own personnel, and reasonable time for traveling to & from job site.

**01 9200 TAXES**  
Contractor shall pay sales and/or use tax on materials and taxable services.

**SITEWORK**

**02 1000 SITE PREPARATION**  
Contractor to mobilize within 7 calendar days of the Owner issuing a 'START' document. Contractor will immediately report to Designer if any environmental considerations arise. Site shall be scraped to a depth of 3" minimum to remove vegetative matter, and scrapings shall be stockpiled on site. Excess material to be disposed of in accordance with RFQ.

**02 1100 ROAD IMPROVEMENT & CONSTRUCTION**  
Contractor shall furnish materials for, and install, a twelve foot (12') wide gravel roadway from the road access to the work area, for truck and crane access to site. Base course shall be 6" deep, 3<sup>1</sup>/<sub>2</sub> crushed rock, topped with 3" deep, 1<sup>1</sup>/<sub>2</sub> crushed rock, topped with 3" deep IA Class A 13 Aggregate, (3/4" minus with binder) or Driveway Mix. Contractor shall furnish & install culverts as necessary to prevent ponding or washing-out from normal surface runoff. Contractor shall obtain city, county, state and/or federal approvals for road approach and culvert work within or adjacent to right-of ways. Road shall be graded smooth, and edges dressed, at job completion.

**02 2000 EARTHWORK & EXCAVATION**  
Excavation material shall be used for surface grading as necessary; excess to be stockpiled on site. Excess material to be disposed of in accordance with RFQ. For dewatering excavated areas, contractor shall utilize sock or sediment filter for filtering of water discharge.

**02 5000 PAVING & SURFACING**  
Gravel paving shall be as described in 02 1100.

**STRUCTURAL**  
15 4000 PLUMBING  
N/A

**STRUCTURAL**  
13 3613 TRANSPORT AND ERECT TOWER/ANTENNA MOUNTS  
Contractor shall schedule delivery of Owner-furnished Tower, and provide cranes for unloading and erecting. Contractor to install antenna mounts. Contractor shall ensure the existence of a 3/8" cable safety climb (DBI/Safe or equal) on the Tower.

**MECHANICAL**  
13 3423 TRANSPORT AND SET EQUIPMENT CABINETS/GENERATOR  
Contractor shall provide crane(s) and/or truck for transporting, setting and erecting Equipment Cabinets/Generator per RFQ. Contractor shall install items shipped loose with the Equipment Cabinets/Generator including, but not limited to, the following: anchoring plates; stair assemblies; exterior lighting; canopies; guardrails; and bus bar.

**CONCRETE**  
03 1000 CONCRETE FORMWORK  
Concrete forms shall be dimensional lumber, modular, or steel.

**STRUCTURAL**  
03 8000 TOWER FOUNDATION  
Contractor shall arrange for delivery of anchors, and shall furnish and install materials per Tower Manufacturer Plans. Tower foundation concrete and reinforcing to be per tower manufacturer's specification. Contractor shall comply with the Owner's Standard CONSTRUCTION SPECIFICATIONS MINIMUM CONCRETE STANDARDS.

**STRUCTURAL**  
03 9000 EQUIPMENT CABINETS/GENERATOR FOUNDATION  
Contractor shall furnish & install materials for Equipment Cabinets/Generator foundation. Concrete shall be 6% ±1% air entrained, and 4,000 psi at 28 days. All reinforcing steel is to be Grade 60 (ASTM 615). Anchor bolts are furnished by Contractor. Contractor shall comply with the Owner's Standard CONSTRUCTION SPECIFICATIONS MINIMUM CONCRETE STANDARDS.

**STRUCTURAL**  
03 8001 CATHODIC PROTECTION  
N/A

**STRUCTURAL**  
02 1200 GROUNDING  
Contractor shall make themselves familiar with and follow the current GROUNDING STANDARDS of VERIZON WIRELESS. Contractor shall perform work as shown on Grounding Plans. Any site-specific grounding issues not covered by the GROUNDING STANDARD are to be addressed by the Contractor to the Owner.

**STRUCTURAL**  
02 1000 SITE PREPARATION  
Excavation material shall be used for surface grading as necessary; excess to be stockpiled on site. Excess material to be disposed of in accordance with RFQ. For dewatering excavated areas, contractor shall utilize sock or sediment filter for filtering of water discharge.

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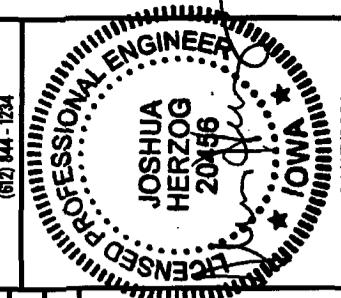
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**STRUCTURAL**  
03 8001 CATHODIC PROTECTION  
N/A





**HERZOG**  
ENGINEERING LLC  
530 North 3rd Street, Suite 230  
Minneapolis, MN 55401  
(612) 844-1234



STRUCTURAL # 221009  
01/17/2022

**DESIGN 1**

9973 VALLEY VIEW RD.  
EDEN PRAIRIE, MN 55344  
(651) 943-8288  
WWW.DESIGN1EP.COM

**verizon**

10801 BUSH LAKE ROAD  
BLOOMINGTON, MN 55438  
(952) 946-4700

PROJECT  
2020212631  
LOC. CODE: 6229598  
IA07  
EAST PERU

285TH LN  
EAST PERU, IA 50222

SHEET CONTENTS:  
GROUNDING PLAN  
GROUNDING DETAIL INDEX

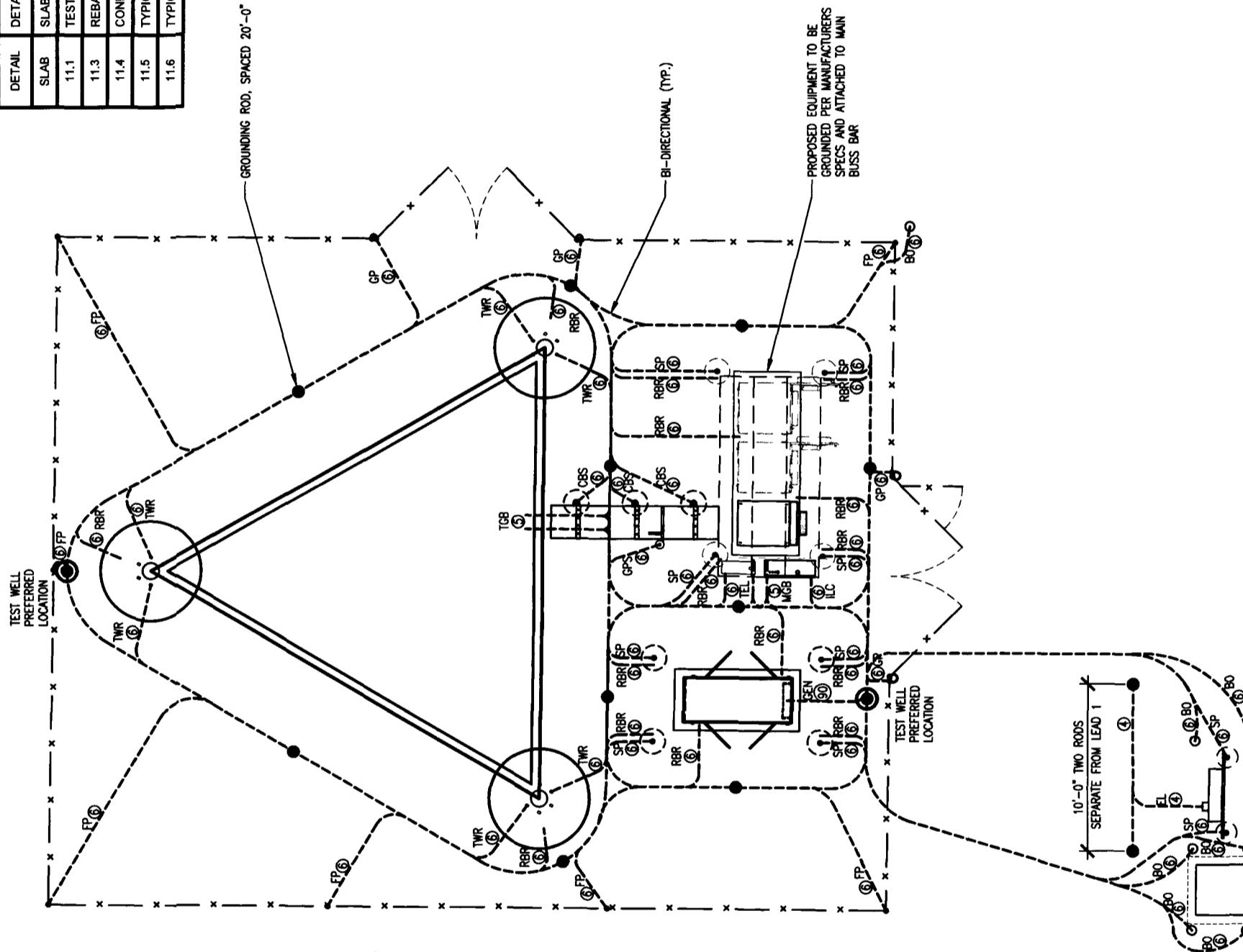
DRAWN BY: CJW  
DATE: 12-06-21  
CHECKED BY: TRB  
REV A 12-13-21  
REV B 01-17-22  
G

NORTH

## GROUNDING DETAIL INDEX

DETAIL	DETAIL DESCRIPTION
SLAB	SLAB ON GRADE GROUNDING
11.1	TEST WELL DETAIL, GROUND RING & ROD DETAIL
11.3	REBAR GROUNDING DETAIL
11.4	CONDUIT DETAIL
11.5	TYPICAL GROUNDING CABLE BRIDGE DETAIL
11.6	TYPICAL TOWER GROUNDING DETAIL

GROUNDING ROD, SPACED 20'-0" O.C. OR AS SHOWN (NP.)

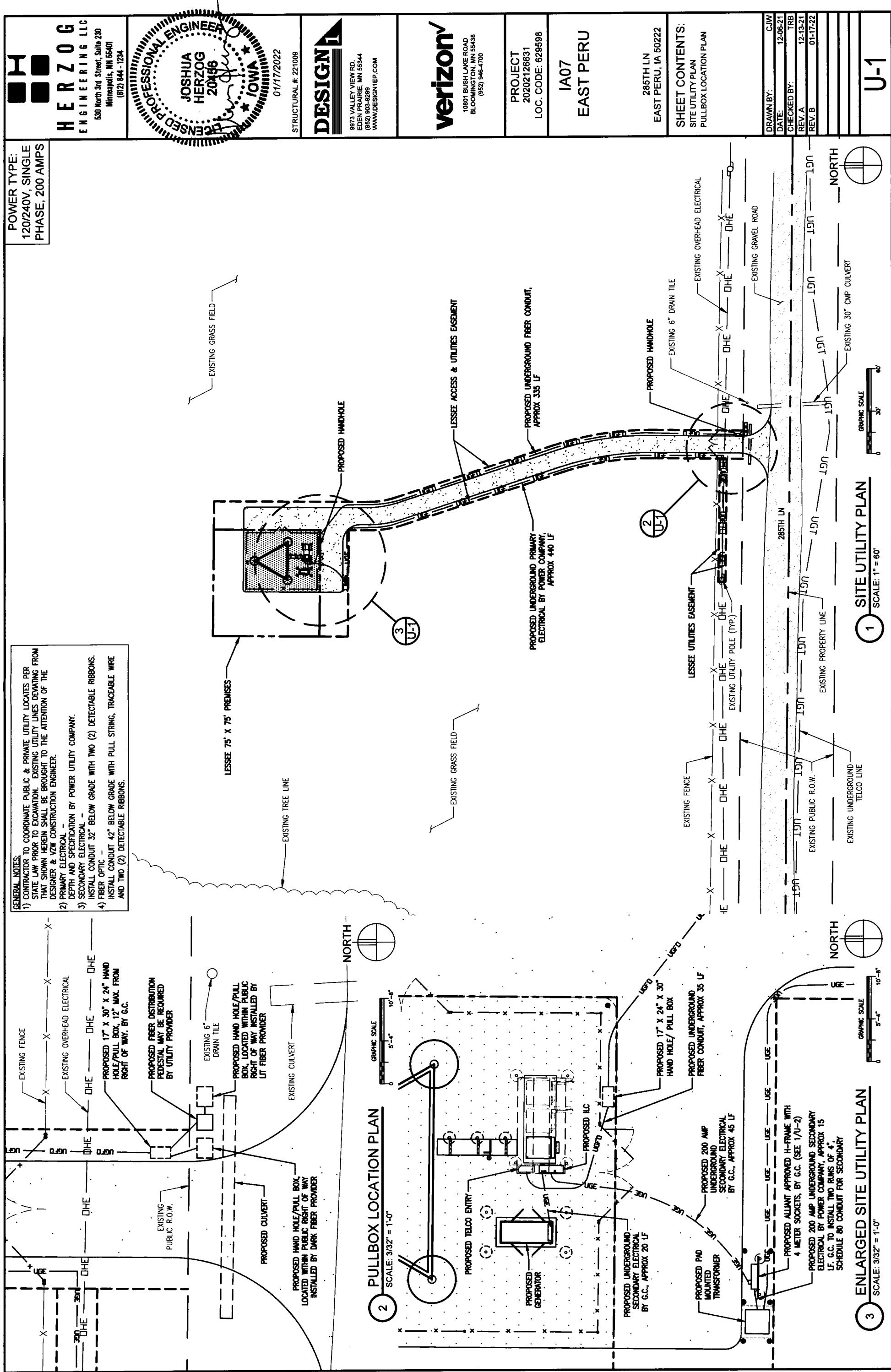


NOTE: GENERAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THAT THE INSTALLATION OF ALL GROUNDING MEETS THE VERIZON NETWORK DOCUMENT TITLED "CELL SITE AND MICROWAVE RADIO STATION PROTECTION - ENGINEERING CONSIDERATIONS".

NOTE: CONTRACTOR TO COORDINATE PUBLIC & PRIVATE UTILITY LOCATES PER STATE LAW PRIOR TO EXCAVATION. EXISTING UTILITY LINES DEMINING FROM THAT SHOWN HEREIN SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER & VZN CONSTRUCTION ENGINEER.

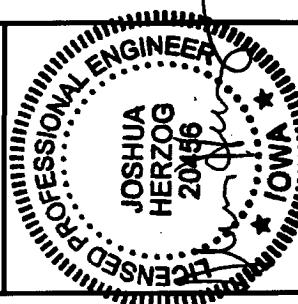
NOTE: CONTRACTOR SHALL ENSURE THAT EACH WHP IS ROUTED TO LEAD 1 BY THE SHORTEST PATH, AND BENDS SHALL NOT BE LESS THAN 12' RADIUS.

G-2





**HERZOG**  
ENGINEERING LLC  
530 North 3rd Street, Suite 230  
Minneapolis, MN 55401



STBUICTIIBAI # 221009

DESIGN 1

9973 VALLEY VIEW RD.  
EDEN PRAIRIE, MN 55344  
(852) 903-9289  
[WWW.DESIGN1EP.COM](http://WWW.DESIGN1EP.COM)

verizon<sup>®</sup>

101 BUSH LAKE ROAD  
WYOMINGTON, MN 55438  
(952) 946-4700

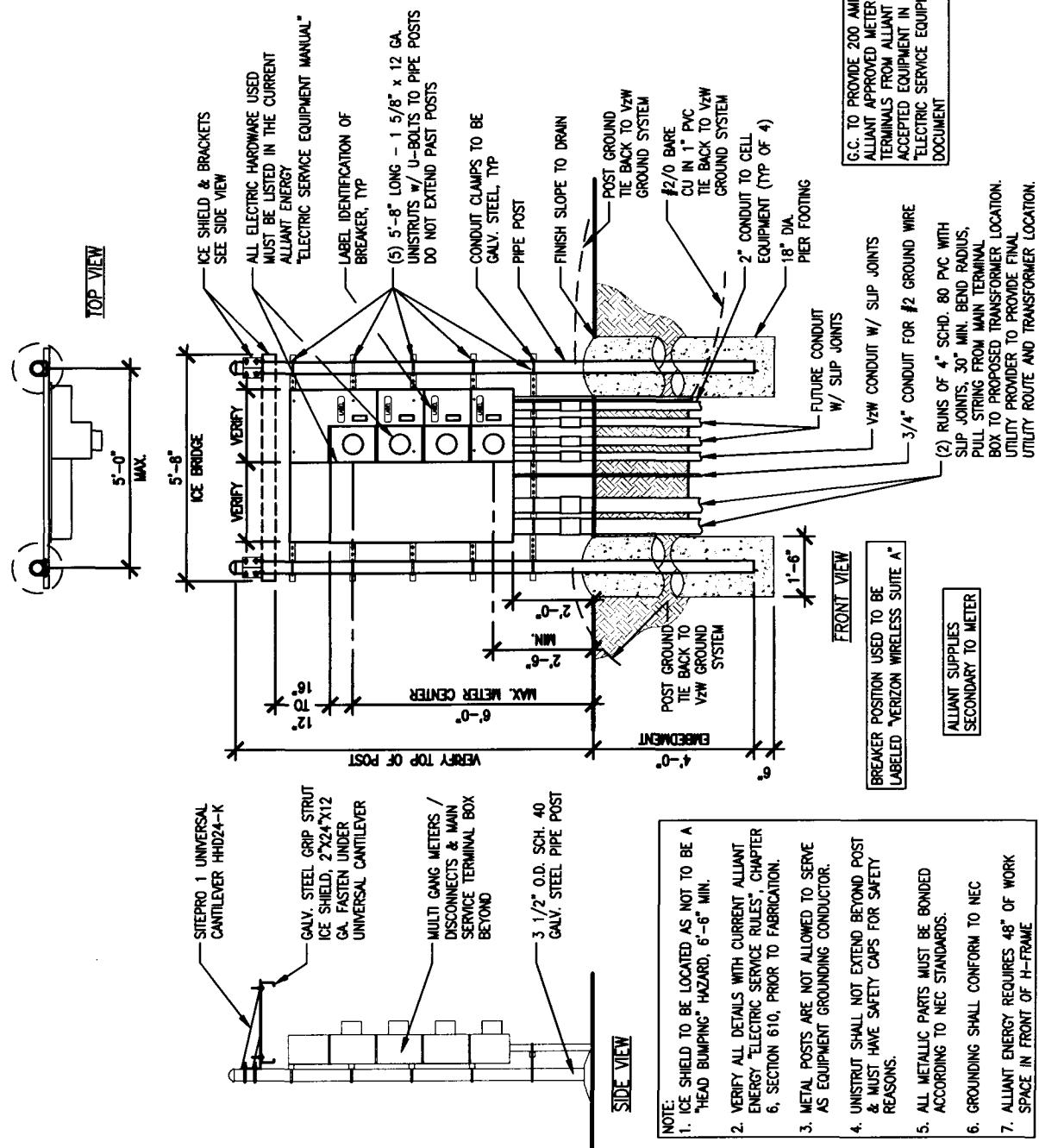
LOC. CODE: 629598  
IA07  
EAST PERU

285TH LN  
FAST PERIODIA 50222

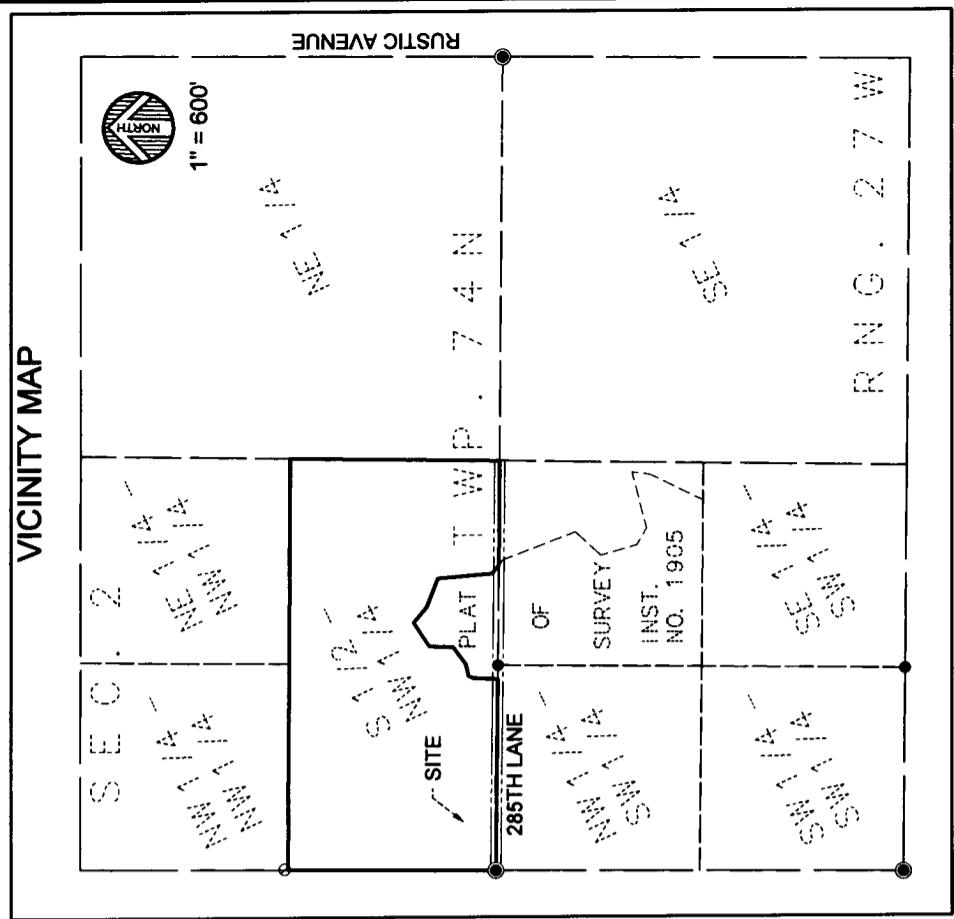
**SHEET CONTENTS:**  
NAME/DETAIL

DRAWN BY:	CJW
DATE:	12-06-21
CHECKED BY:	TRB
REV. A	12-13-21
REV. B	01-17-22

U-2

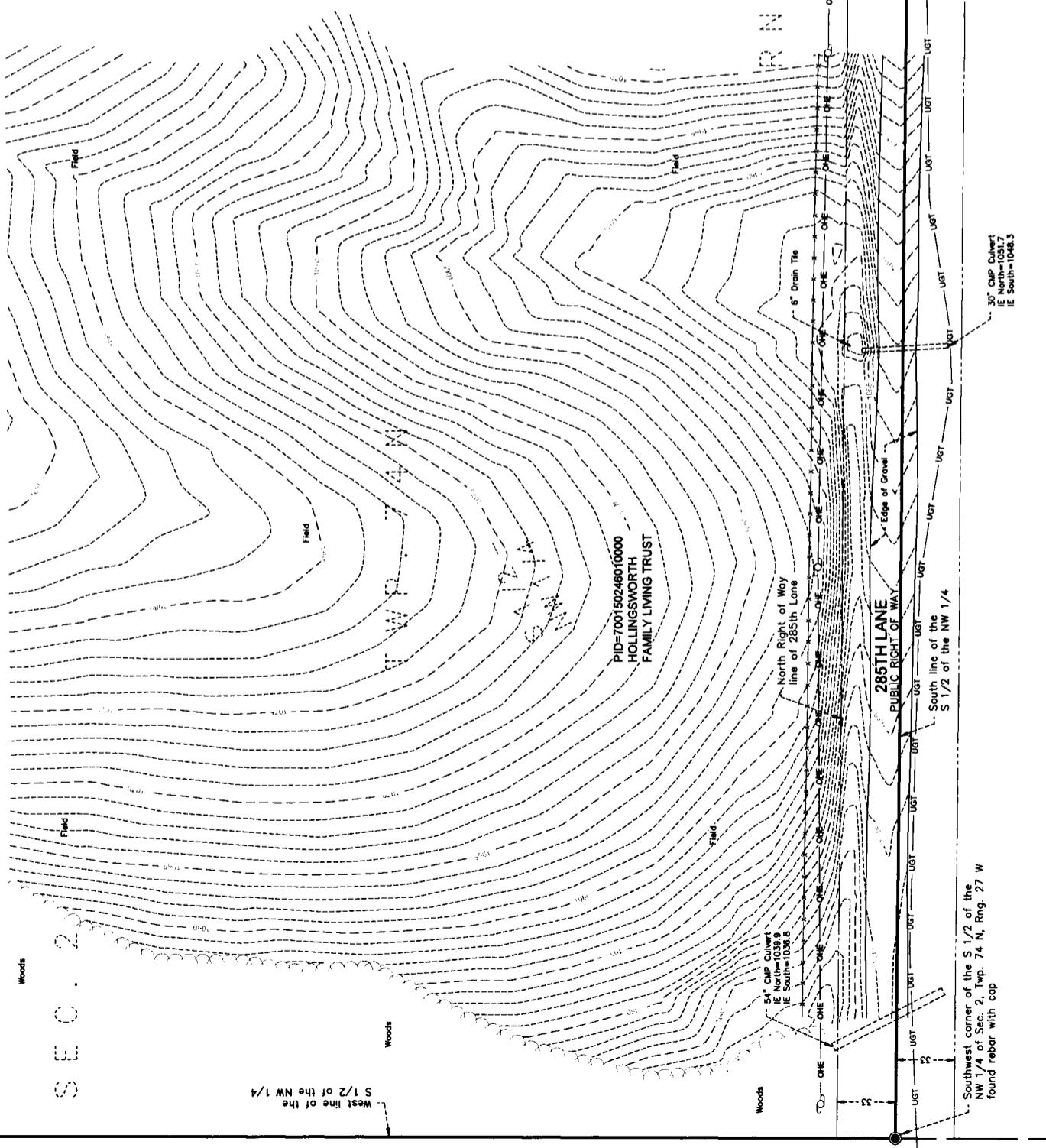


## SITE SURVEY



## LEGEND

ELEC POLE	
TELE PEDESTAL	
CULVERT	
EDGE OF WOODS	
BARBED WIRE FENCE	
OVERHEAD ELECTRIC	
UNDERGROUND TELEPHONE	
BOUNDARY LINE	
SECTION LINE	
QUARTER LINE	
SIXTEENTH LINE	
RIGHT OF WAY LINE	
PLAT LINE	
GRAVEL SURFACE	



# DESIGN 1

SITE NAME:  
IA07 EAST PERU

**WIDSETH**  
PRELIMINARY SURVEY  
HEREAS CERTIFY THAT THIS LONG SURVEYING DOCUMENT  
WAS PREPARED AND THE RELATED SURVEY WORK  
PERFORMED BY ME OR UNDER MY DIRECTION  
AND SUPERVISION AND THAT I AM THE  
SURVEYOR UNDER THE LAWS OF THE STATE OF IOWA.

ERIKAN T. BALCOMBE, L.S.  
DATE: 5/6/21  
LICENSE # 17677  
FIELD SCALE ON ZONE  
HALF SCALE ON 11717

**SURVEYOR NOTES:**

- 1.) Utilities are per observed evidence and from markings per IOWA ONE CALL Locate Request Ticket Nos. 552102317, dated April 21, 2021 and 552102152, dated April 14, 2021.
- 2.) This drawing has been scaled from Iowa State Plane Coordinate System South Zone grid distance to around distance by scale factor of 1.0000072280.

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