



**Dykema Gossett PLLC**

2300 Cabot Drive

Suite 505

Lisle, IL 60532

WWW.DYKEMA.COM

Tel: (630) 245-0400

Fax: (630) 245-0140

**Bruce L. Goldsmith**

Direct Dial: (630) 577-2811

Direct Fax: (855) 261-8765

Email: BGoldsmith@dykema.com

June 26, 2023

**VIA FEDERAL EXPRESS**

Nicholas V. Alfonso  
Asst. State's Attorney  
DuPage County State's Attorney Civil Division  
503 N. County Farm Road  
Wheaton, IL 60187

Re: VB BTS II, LLC vs. Bloomingdale Township and County of DuPage, DuPage County Case  
No. 2022 MR 752

Dear Mr. Alfonso:

On two occasions we have tried to have the County review our client's request to have the County apply its Exception to the requirement of a separate access permit from Bloomingdale Township before the County would reissue the necessary building permit. We are now submitting a third request based on your last letter on this subject. The latest request is attached.

You have rejected these attempts on behalf of the County by e-mail without ever having the person in authority (Mr. Hoss, we believe) formally respond. On the assumption that you will not let Vertical Bridge start an appeal to the Board Committee without an additional submittal based on your last e-mail, even though this seems punitive, we are submitting the following:

1. A new letter addressed to Mr. Hoss and the Board committee chair.
2. A re-application which includes the original application.
3. The building permit package, which is basically identical to the original submission that was approved except that: (1) The survey corrects the Easement area to show that MSVL owns it and is consistent with the County's GIS map; and (2) the construction access road is asphalt instead of crushed stone as directed by the County in consultation with the Fire Protection District.
4. Evidence that the approved \$7500 bond was posted.

5. Affidavits as required by the Exception.

As we anticipate another rejection of this request without a formal decision, please treat this letter as an appeal to the Board Committee regardless of whether it is an outright rejection or if we get a formal rejection. Given that there is currently a stop work notice based on the Township's position and the County has now recognized that the Township does not own the Easement, our client is requesting that the original permit be reissued.

You have also asserted based on the Highway Code that the Township controls the grass area next to the paved road. As you will see from our filings in the case yesterday, MSVL owns this area as there has never been a public dedication of the two roads to the Township. For this reason, Vertical Bridge's Lease with MSVL gives it the right to extend its construction access road to the pavement of the public roadways. Moreover, the County has as much right to access the paved area as MSVL as rights of way permit other governmental entities and utilities to have access and use. The Township's original approval was perfunctory and the County has simply, up to now, allowed the Township to use petty political actions to compromise our client's rights.

Very truly yours,

**Dykema Gossett PLLC**

Bruce L. Goldsmith

Enclosures



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June 26, 2023

**VIA FEDERAL EXPRESS TO  
NICHOLAS ALFONSO, ASSISTANT  
STATE'S ATTORNEY**

Paul Hoss  
Planning and Zoning Administration Coordinator  
c/o Nicholas V. Alfonso  
Asst. State's Attorney  
DuPage County State's Attorney Civil Division  
503 N. County Farm Road  
Wheaton, IL 60187

Sam Tornatore  
Development Committee Chairman  
c/o Nicholas V. Alfonso  
Asst. State's Attorney  
DuPage County State's Attorney Civil Division  
503 N. County Farm Road  
Wheaton, IL 60187

**Re:** Notice of and Application for Appeal of County's Rejection of Vertical Bridge's May 1, 2023 Demand for Building Permit  
Owner: Medinah Spring Valley  
Address: 9 Spring Valley Dr., Medinah

Dear Mr. Hoss and Mr. Tornatore:

Our client, Vertical Bridge Development LLC ("Vertical Bridge"), is hereby appealing the rejection of VTB's May 1, 2023 request for a building permit pursuant to Section 8-112.6's Exception received by email from Nicholas Alfonso on May 11, 2023 (a copy of this email is attached as Exhibit A) and the rejection of the May 30<sup>th</sup> appeal that was also sent to your attention via Mr. Alfonso. In support of its appeal:

(1) Vertical Bridge has delivered two checks to the Township totaling \$7500, representing the current "Approved Bond" pursuant to the Township's Final Administrative Decision (a copy of the letter to Sean Conway is attached).



Paul Hoss  
Sam Tornatore  
c/o Nicholas V. Alfonso  
June 26, 2023  
Page 2

(2) The Affidavit of Johnny R. Crawford, Executive Vice President of Development of Vertical Bridge REIT, LLC, confirms the processing of the \$7000 check for the Approved Bond to be added to the \$500 submitted with the March 3, 2023 reapplication to the Township.

(3) The Affidavit of Kenneth C. Baumgardt, a licensed engineer employed by Edge Consulting, Inc. ("Edge") and the lead engineer on the Project, confirming that the Access Road will be constructed with an asphalt surface.

(4) Updated plans that are the same as the original plans except for a correction of the survey to note that the "66' easement for future road" is part of Lot 171 subject to the Lease between MSVL and Vertical Bridge, consistent with the County's current GIS map.

(5) The original application to the County.

We note your counsel has indicated that the Exception requires the Owner's signature. However, the Owner is not constructing the road as may be typical in your application of the exception. Rather, our client is constructing the road and is posting the necessary bond.

Very truly yours,

**Dykema Gossett PLLC**

Bruce L. Goldsmith

Enclosures

**From:** Alfonso, Nicholas <Nicholas.Alfonso@dupageco.org>  
**Sent:** Thursday, May 11, 2023 12:24 PM  
**To:** Goldsmith, Bruce L.  
**Subject:** RE: Attached Letter now attached  
**Attachments:** Final Administrative Decision.wExhibits.pdf

\*\*\* EXTERNAL \*\*\*

Mr. Goldsmith,

The County, in its discretion under the DuPage County Code of Ordinances, Sec. 8-112.6 (“...a written notarized affidavit...may be accepted....”), hereby rejects VTB’s May 1, 2023 demand for a building permit pursuant to Section 8-112.6’s Exception. First, while your correspondence asserts that VTB has submitted a “\$500.00 bond” to the Township, the currently “Approved Bond”—per the Township’s Final Administrative Decision (attached)—is \$7,500.00. Second, and much more importantly, VTB’s own construction plans clearly indicate that the construction activities and the planned gravel track will “impact the access drive.” Thus, the Ordinance does not permit the County to apply the exception under these circumstances (See DuPage Code, Sec. 8-112.6) (permitting exception to be made only, “[o]n such permits...where the proposed project will have no impact on access drives....”).

Should you have any questions, please feel free to contact me.

Thank you,

Nicholas V. Alfonso  
Assistant State’s Attorney, Civil Division  
DuPage County State’s Attorney’s Office  
503 N. County Farm Road  
Wheaton, IL 60187  
p: 630.407.8208  
f: 630.407.8201  
e: [nicholas.alfonso@dupageco.org](mailto:nicholas.alfonso@dupageco.org)

**From:** Goldsmith, Bruce L. <BGoldsmith@dykema.com>  
**Sent:** Monday, May 1, 2023 5:44 PM  
**To:** Alfonso, Nicholas <Nicholas.Alfonso@dupageco.org>  
**Cc:** Chico, Melanie J. <mchico@dykema.com>; Perkowitz, Cathy A. <CPerkowitz@dykema.com>  
**Subject:** RE: Attached Letter now attached

[Caution: This email originated outside Dupageco.org. Do not click links or open attachments unless you recognize the sender and know the content is safe.]

**Bruce L. Goldsmith**  
Senior Counsel

D 630-577-2811 • M 630-391-8202  
BGoldsmith@dykema.com • dykema.com

**BIO VCARD**

2300 Cabot Drive, Suite 505  
Lisle, Illinois 60532

---



**From:** Alfonso, Nicholas <[Nicholas.Alfonso@dupageco.org](mailto:Nicholas.Alfonso@dupageco.org)>  
**Sent:** Monday, May 1, 2023 2:48 PM  
**To:** Goldsmith, Bruce L. <[BGoldsmith@dykema.com](mailto:BGoldsmith@dykema.com)>  
**Subject:** RE: Attached Letter

**\*\*\* EXTERNAL \*\*\***

Bruce,

Given you sent this today (5/1), can you please re-send with the proper date?

Thank you,

Nicholas V. Alfonso  
Assistant State's Attorney, Civil Division  
DuPage County State's Attorney's Office  
503 N. County Farm Road  
Wheaton, IL 60187  
p: 630.407.8208  
f: 630.407.8201  
e: [nicholas.alfonso@dupageco.org](mailto:nicholas.alfonso@dupageco.org)

**From:** Goldsmith, Bruce L. <[BGoldsmith@dykema.com](mailto:BGoldsmith@dykema.com)>  
**Sent:** Monday, May 1, 2023 1:20 PM  
**To:** Alfonso, Nicholas <[Nicholas.Alfonso@dupageco.org](mailto:Nicholas.Alfonso@dupageco.org)>  
**Subject:** Attached Letter

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Please review. Bruce

**Bruce L. Goldsmith**  
Senior Counsel

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**Neither this information block, the typed name of the sender, nor anything else in this message is intended to constitute an electronic signature unless a specific statement to the contrary is included in this message.**

**O'Brien, Terri J.**

---

**From:** Alfonso, Nicholas <Nicholas.Alfonso@dupageco.org>  
**Sent:** Tuesday, June 6, 2023 11:30 AM  
**To:** Goldsmith, Bruce L.  
**Cc:** Hoss, Paul; Tornatore, Sam; Stran, Jim  
**Subject:** RE: Vertical Bridge litigation - VTB's Request for Appeal  
**Attachments:** 1486\_001.pdf

\*\*\* EXTERNAL \*\*\*

Mr. Goldsmith,

Please accept this correspondence in response to your attached mailing, received by my office on May 31, 2023. More specifically, in response to your letter to Paul Hoss and Chair Tornatore (requesting an appeal of the County's May 11, 2023 rejection of VTB's request for building permit under the Zoning Ordinance's Sec. 8-112.6 Exception), please be advised that the Development Committee cannot take into consideration any documentation received after May 11, 2023 during an appeal of that decision—which would exclude from consideration all of the additional documentation you submitted after May 11, 2023, which was appended to your May 30, 2023 correspondence. As such, should you wish proceed to an appeal the May 11, 2023 decision, that appeal will be limited to the documents submitted by VTB on or prior to May 11, 2023.

Alternatively, should VTB wish for the County to consider the additional documentation/information contained within the attached May 30, 2023 mailing, it must submit a formal amendment to its original building permit application to the Building and Zoning Department, which contains both: (a) all documentation required by Section 8-112.6's exception, and (b) updated drawings depicting VTB's current construction plans [considering that VTB has now affirmed in the attached that the planned "access road" construction (asphalt) now differs from the plans previously submitted with VTB's original permit application (gravel)]. Once the County has received VTB's permit application amendment documentation, it will consider the amendment in due course and issue a decision, at which time VTB may then opt to appeal the result to the Development Committee based on a complete record.

Please let me know the manner in which you wish to proceed. Should you have any questions, concerns, or comments relative to this correspondence, please feel free to contact me.

Thank you,

Nicholas V. Alfonso  
Assistant State's Attorney, Civil Division  
DuPage County State's Attorney's Office  
503 N. County Farm Road  
Wheaton, IL 60187  
p: 630.407.8208  
f: 630.407.8201  
e: [nicholas.alfonso@dupageco.org](mailto:nicholas.alfonso@dupageco.org)

**From:** Alfonso, Nicholas  
**Sent:** Thursday, May 18, 2023 11:20 AM  
**To:** Goldsmith, Bruce L. <BGGoldsmith@dykema.com>  
**Cc:** Sean Conway <seanconway@bond-dickson.com>  
**Subject:** RE: Vertical Bridge litigation



Bruce,

Correcting a mistake in the below as to the GIS mapping: based on new information I've just received this morning from county staff in the GIS/IT department, the change was made (entered) on or before February 8, 2023. With that said, however, the GIS update was not published to the GIS website until March 2, 2023.

Thank you,

Nicholas V. Alfonso  
Assistant State's Attorney, Civil Division  
DuPage County State's Attorney's Office  
503 N. County Farm Road  
Wheaton, IL 60187  
p: 630.407.8208  
f: 630.407.8201  
e: [nicholas.alfonso@dupageco.org](mailto:nicholas.alfonso@dupageco.org)

**From:** Alfonso, Nicholas  
**Sent:** Wednesday, May 17, 2023 6:23 PM  
**To:** Goldsmith, Bruce L. <[BGoldsmith@dykema.com](mailto:BGoldsmith@dykema.com)>  
**Subject:** RE: Vertical Bridge litigation

Bruce,

On your attached correspondence's first point, per my information, the effective date for all changes to the County's GIS maps was January 31, 2023—meaning all changes to the online GIS maps would have gone “into effect” that day. On your certiorari claim, given that no such claim has been asserted against the County, the County takes no position as to VTB's ability to supplement the record in relation to that specific claim.

Regarding your second point, the County has not “refused to adopt the exception to Sec. 8-112.6.” Instead, as I explained in detail in my earlier email response (copied in below) and over the phone with you yesterday, the work proposed by VTB does not qualify for the Ordinance's exception. Specifically: (1) VTB has not submitted an “approved bond” in compliance with the Township's administrative decision; and (2) more importantly, VTB's installation of an asphalt (or gravel) access road—planned to commence at the edge of the pavement of the intersection of Spring Valley Drive and Glendale Road, continuing through the township's right of way from the pavement up to the eastern boundary of lot 171's easement (the **initial** portion of track planned to be placed *outside* the easement)—will clearly impact the “access drive” (defined as “The area within the Right-of-Way between the pavement edge or curb and the Right-of-Way line, used to provide ingress and egress to and from a Lot.”). Based on the GIS map and VTB's own plans, the Access Drive is currently unimproved. It is immaterial that the Township's administrative decision expressed no opinion as to the “potential impact” to the access drive. Per VTB's own drawings, the Access Drive will be impacted. And based on VTB's own representations in its request for the exception, VTB has only submitted \$500.00, which is \$7,000.00 less than the “approved bond” required by the Township's administrative decision. Under these circumstances, State statute and County Ordinance do not allow the County to issue a building permit.

Finally, as to your last point, to my knowledge the County currently has no plans for any further changes to the relevant GIS parcel mapping. Should this change, I will be sure to let you know.

Should you have any questions, concerns, or further comments, please feel free to contact me.

Thank you,

Nicholas V. Alfonso  
Assistant State's Attorney, Civil Division  
DuPage County State's Attorney's Office  
503 N. County Farm Road  
Wheaton, IL 60187  
p: 630.407.8208  
f: 630.407.8201  
e: [nicholas.alfonso@dupageco.org](mailto:nicholas.alfonso@dupageco.org)

**From:** Goldsmith, Bruce L. <[BGoldsmith@dykema.com](mailto:BGoldsmith@dykema.com)>  
**Sent:** Wednesday, May 17, 2023 5:33 PM  
**To:** Alfonso, Nicholas <[Nicholas.Alfonso@dupageco.org](mailto:Nicholas.Alfonso@dupageco.org)>  
**Subject:** Vertical Bridge litigation

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Nick-Please see the attached. Bruce

**Bruce L. Goldsmith**  
Senior Counsel

D 630-577-2811 • M 630-391-8202  
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**Sent:** Thursday, May 11, 2023 12:24 PM  
**To:** Goldsmith, Bruce L. [BGoldsmith@dykema.com](mailto:BGoldsmith@dykema.com)  
**Subject:** RE: Attached Letter now attached

Mr. Goldsmith,

The County, in its discretion under the DuPage County Code of Ordinances, Sec. 8-112.6 (“...a written notarized affidavit...may be accepted...”), hereby rejects VTB’s May 1, 2023 demand for a building permit pursuant to Section 8-112.6’s Exception. First, while your correspondence asserts that VTB has submitted a “\$500.00 bond” to the Township, the currently “Approved Bond”—per the Township’s Final Administrative Decision (attached)—is \$7,500.00. Second, and much more importantly, VTB’s own construction plans clearly indicate that the construction activities and the planned gravel track will “impact the access drive.” Thus, the Ordinance does not permit the County to apply the exception under these circumstances (See DuPage Code, Sec. 8-112.6) (permitting exception to be made only, “[o]n such permits...where the proposed project will have no impact on access drives....”).

Should you have any questions, please feel free to contact me.

Thank you,

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**To:** Alfonso, Nicholas <[Nicholas.Alfonso@dupageco.org](mailto:Nicholas.Alfonso@dupageco.org)>  
**Cc:** Chico, Melanie J. <[mchico@dykema.com](mailto:mchico@dykema.com)>; Perkowitz, Cathy A. <[CPerkowitz@dykema.com](mailto:CPerkowitz@dykema.com)>  
**Subject:** RE: Attached Letter now attached

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**To:** Goldsmith, Bruce L. <[BGoldsmith@dykema.com](mailto:BGoldsmith@dykema.com)>  
**Subject:** RE: Attached Letter

\*\*\* EXTERNAL\*\*\*

Bruce,

Given you sent this today (5/1), can you please re-send with the proper date?

Thank you,

Nicholas V. Alfonso  
Assistant State's Attorney, Civil Division  
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**Sent:** Monday, May 1, 2023 1:20 PM  
**To:** Alfonso, Nicholas <[Nicholas.Alfonso@dupageco.org](mailto:Nicholas.Alfonso@dupageco.org)>  
**Subject:** Attached Letter

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Senior Counsel

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[2300 Cabot Drive, Suite 505](#)  
Lisle, Illinois 60532

---

The logo for Dykema, featuring the word "Dykema" in a bold, blue, sans-serif font. The letter "i" is lowercase and has a small dot above it.

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**Bruce L. Goldsmith**

Direct Dial: (630) 577-2811

Direct Fax: (855) 261-8765

Email: BGoldsmith@dykema.com

May 30, 2023

**Via Federal Express**

Sean Conway  
Bond, Dickson & Conway  
400 S. Knoll Street, Unit C  
Wheaton, IL 60187

Re: VB BTS II, LLC vs. Bloomingdale Township and County of DuPage, DuPage County Case  
No. 2022 MR 752

Dear Sean:

Enclosed is a check from Vertical Bridge to Bloomingdale Township in the amount of \$7000 which, coupled with the previously submitted \$500, represents the current "Approved Bond" pursuant to Township's Final Administrative Decision.

Very truly yours,

**Dykema Gossett PLLC**

Bruce L. Goldsmith

Enclosure

cc: Nicholas Alfonso, with copy of enclosure via email

California | Illinois | Michigan | Minnesota | Texas | Washington, D C | Wisconsin

121816.000001 4896-3953-3159.1

THIS CHECK HAS A COLORED BACKGROUND AND CONTAINS MULTIPLE SECURITY FEATURES - SEE BACK FOR DETAILS

VB B2, LLC  
750 Park of Commerce Dr Ste 200  
Boca Raton, FL 33487

Bank of America N.A.

1850  
68-4 / 680

Date: May 25, 2023

PAY TO THE ~~Bloomington~~ Township  
ORDER OF

Seven Thousand and 00/100 DOLLARS

\*\*\$7,000.00\*\*

Void After Ninety Days

BLOOMINGDALE TOWNSHIP  
123 ROSEDALE AVE  
BLOOMINGDALE IL 60108  
UNITED STATES



Authorized Signature

VB B2, LLC

PAYEE: , Bloomington Township

CHECK NO: 1850

CHECK DATE: 5/25/2023

| DATE      | INVOICE NO.   | MEMO | INVOICE AMOUNT | DISCOUNT | NET AMOUNT |
|-----------|---------------|------|----------------|----------|------------|
| 5/19/2023 | IL5657-051923 |      | 7,000.00       |          | 7,000.00   |

**DYKEMA GOSSETT PLLC**  
**DISBURSEMENT ACCOUNT**  
4200 COMMERCE CT., SUITE 300  
LISLE, IL 60832

2-88

**Bank of America**  
Chicago, Illinois

1166

2-3/710 U.  
0108L

Details on Back  
Security Features Included

DATE March 14, 2023

PAY Five Hundred and 00/100ths----- DOLLARS \$ 500.00

TO THE  
ORDER OF

Bloomington Township Road District  
6N030 Rosedale Avenue  
Bloomington, IL 60108

11

DYKEMA GOSSETT PLLC  
DISBURSEMENT ACCOUNT  
LISLE, IL 60832

DETACH AND RETAIN THIS STATEMENT  
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW. IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.

| DATE       | DESCRIPTION   | AMOUNT   |
|------------|---|----------|
| 03/14/2023 | Vertical Bridge<br>121815-000001<br><br>VB BTS II, LLC Entrance Permit Bond | \$500.00 |

AS

Re-submittal

**ENTRANCE PERMIT/BOND  
BLOOMINGDALE TOWNSHIP  
ROAD DISTRICT**

NAME VB BTS II, LLC (Vertical Bridge)

DATE March 3, 2023

ADDRESS 750 Park of Commerce Drive, Suite 200

PERMIT # \_\_\_\_\_

Boca Raton, Florida 33487

RESIDENTS NAME Daniel Kalina

PHONE # (561) 923-0724

CELL # (630) 946-7741

**LOCATION OF ENTRANCE**

ADDRESS W End Spring Valley Drive, Medinah

WORK TO BE PERFORMED Access Driveway

**SPECIAL INSTRUCTIONS**

- NO BRICK MAILBOXES IN R O W
- NO FILLING OF DITCHLINE AT ANY TIME
- KEEP MUD OFF OF STREET AT ALL TIMES
- WATER DISCHARGE OF ANY KIND MUST BE KEPT 6' FROM TOWNSHIP R.O.W.
- DRIVEWAYS SHALL BE PAVED FROM EDGE OF EXISTING PAVEMENT TO PROPERTY LINE PRIOR TO PAVING A MANDATORY PRE-POUR INSPECTION BY THE ROAD DISTRICT SHALL BE REQUIRED BOND WILL BE FORFEITED IF PRE-POUR INSPECTION IS NOT REQUESTED REQUESTS CAN BE MADE AT 630-529-5221 M-F 7:00 am – 3 30 pm.

A cash bond has been posted with the Road District and will be *refunded less 10% processing fee* by same upon satisfactory completion of all work required as specified above. Contact the undersigned for a final inspection so that the balance of the bond can be released to you. This applies to all work other than new construction/home additions

**FAILURE TO APPLY FOR A REFUND WITHIN ONE YEAR SHALL RESULT IN FORFEITURE OF SAID BOND TO THE ROAD DISTRICT PER ORDINANCE #15-03.**

SIGNATURE \_\_\_\_\_

**ENTRANCE BOND RECEIPT**

Receipt of \$ \_\_\_\_\_ has been presented this date \_\_\_\_\_ to

**Bloomington Township Road District, 6N030 Rosedale Avenue, Bloomington, IL 60108 #630-529-5221**

SIGNATURE OF ROAD DISTRICT AUTHORITY \_\_\_\_\_

WHITE - APPLICANT

YELLOW - BLOOMINGDALE TOWNSHIP ROAD DISTRICT\*

PINK - BUILDING/ZONING



STATE OF FLORIDA )  
 )  
COUNTY OF PALM BEACH ) SS:

**IN THE CIRCUIT COURT OF THE EIGHTEENTH JUDICIAL CIRCUIT,  
DUPAGE COUNTY, ILLINOIS**

VB BTS II, LLC,  
Plaintiff,

vs.

BLOOMINGDALE TOWNSHIP and THE  
COUNTY OF DUPAGE,

Defendants.

Case No.: 2022 MR 752

Hon. Judge Anne T. Hayes

**AFFIDAVIT OF JOHNNY R. CRAWFORD**

**NOW COMES** the undersigned, having been duly sworn and states as follows:

1. My name is Johnny R. Crawford and I am over 18 years of age and if called upon to testify, I can attest to the statements contained herein.
2. I am an employee of Vertical Bridge REIT, LLC with the position of Executive Vice President of Development. My responsibilities include site development oversight including for the project referenced below which is the subject matter of the above captioned litigation.
3. Vertical Bridge has leased a certain tract of land identified by Tax Parcel No 02-14-203-001, as further described on Exhibit A ("Property") of the Option and Lease Agreement, as amended, by and between Vertical Bridge and Medinah Spring Valley Lake, Inc., an Illinois corporation dated April 25, 2019 and recorded on June 27, 2019 as Document #R2019-051950 in the records of DuPage County, Illinois and first amended effective April 1, 2021 and second amended effective April 24, 2022.

4. Pursuant to its authority under the Lease, Vertical Bridge seeks to build an asphalt construction road across an unimproved grass area on the Property to connect the site for the cell tower to a public roadway at the intersection of Glendale Road and Spring Valley Drive within the Medinah Spring Valley Lake subdivision.

5. Vertical Bridge applied for a Township access permit on March 3, 2023 and posted a \$500 cash bond as a prerequisite for a building permit from DuPage County. Since that time, Vertical Bridge is in the process of posting an additional \$7000 consistent with the amount specified in the Township's Final Administrative Decision dated 4/12/23.

6. This affidavit is given pursuant to Section 8-112.6 of the DuPage County Building Code.

7. Vertical Bridge represents it is in the process of posting the additional \$7000 bond requirement by the Township and that Vertical Bridge has not either received any delivery of construction materials nor has it commenced construction.

Further affiant sayeth not.

***[signatures and acknowledgements on following page]***

Name: Vertical Bridge REIT, LLC  
By: Johnny R. Crawford  
Its: Executive Vice President of Development

Date: May     , 2023

STATE OF SOUTH CAROLINA

ACKNOWLEDGEMENT

COUNTY OF CHARLESTON                     

I, Janelle Auzan, a Notary Public for said County and State, do hereby certify that Johnny R. Crawford personally came before me this day and acknowledged that he executed the foregoing Affidavit, on behalf of the limited liability company.

WITNESS my hand and official Notarial Seal, this 19 day of May, 2023.

Notary Public, Charleston County, South Carolina  
Acting in Charleston, South Carolina  
My Commission Expires: 8/16/2027



**IN THE CIRCUIT COURT OF THE EIGHTEENTH JUDICIAL CIRCUIT,  
DUPAGE COUNTY, ILLINOIS**

VB BTS II, LLC,

Plaintiff,

vs.

BLOOMINGDALE TOWNSHIP and THE  
COUNTY OF DUPAGE,

Defendants.

Case No.: 2022 MR 752  
Hon. Anne T. Hayes

**AFFIDAVIT OF KENNETH C. BAUMGARDT**  
**Licensed Professional Engineer**

I, Kenneth C. Baumgardt, being first duly sworn on oath states that I have personal knowledge of the following facts and, if called upon as a witness, could competently testify as follows:

1. I am an Illinois licensed engineer with over 20 years of experience and am employed by Edge Consulting Engineers, Inc ("Edge").

2. Edge was retained by Vertical Bridge as engineer to prepare plans ("Plans") for the construction of a cell tower on land owned by Medinah Spring Valley Lake, Inc. ("MSVL"), which includes building a construction road across an unimproved grass area ("Access Area") to connect the site for the cell tower ("Tower Site") to a public roadway at the intersection of Glendale Road and Spring Valley Drive within the Medinah Spring Valley Lake subdivision (the "Project").

3. I am the lead engineer on this Project and signed the Plans on January 26, 2023. The plans were prepared under my direct supervision and control.

4. As a part of the Plans, Vertical Bridge will build an access road ("Access Road") from the Tower Site to the intersection of Glendale Road and Spring Valley Drive.

5. Although the Access Road was originally designed with stone of sufficient load bearing gravel to handle heavy vehicles it is my understanding that the County, at the direction of the local fire department, indicated that the road should be constructed with an asphalt surface to handle fire trucks.

6. The Access Road is specified as asphalt on the Plans as originally approved by the County.

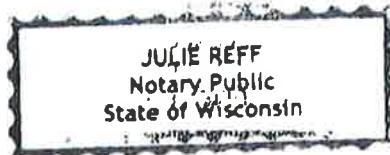
All opinions expressed in the Affidavit are being presented with reasonable certainty in the field of engineering and are based upon my education, training, and experience as an engineer.

Further affiant sayeth not.

\_\_\_\_\_  
Kenneth C. Baumgard  
Licensed Professional Engineer of Illinois

Subscribed and Sworn to before  
me this 22 day of May, 2023.

NT  
✓



ZONING

RE- APPLICATION FOR REGULATORY PERMIT (TYPE II & III)
NEW CONSTRUCTION/ADDITIONS/INTERIOR ALTERATIONS

PERMIT #

DATE

DUPAGE COUNTY BUILDING & ZONING DEPARTMENT

421 North County Farm Road, Wheaton, IL 60187

TRACKING #

(630) 407-6700

APPLICATION IS HEREBY MADE FOR PERMISSION TO CONSTRUCT: (Please print a brief description of work to be done.)

(Please check the item that applies)

[X] Commercial

[ ] Residential

Please tab to each line

Installation of wireless facility on property owned by Medinah Spring Valley Lake, Inc. at the southwest corner of Spring Valley Dr. and Glendale Rd. in Medinah.

Form with sections: SQUARE FEET OF NEW (living area, basement, etc.), NUMBER OF NEW PLUMBING FIXTURES (bathtubs, showers, etc.), NUMBER OF BEDROOMS (TOTAL 0), COMMERCIAL/INDUSTRIAL (Number of New: 2 wire circuits 1), ELECTRICAL SERVICE SIZE (new 200A/1 Ph).

Was property recently RED TAGGED [ ] No [ ] Yes Date of Red Tag
Applicant's estimated cost of new construction: \$ 100,000 Existing construction: \$
Owner Dave Streck, President, Medinah Spring Valley Lake Inc. Phone Fax
Address PO Box 432 City Medinah Zip 60157
Construction Address: Southwest corner of Spring Valley Dr. & Glendale Rd. P.P.N. # 02-14-203-001

Table with 4 columns: NAME, REGISTRATION #, NAME, REGISTRATION #. Rows include General, Carpentry, Cell Tower Erector, Concrete, Damp Proofing, Demolition, Drywall, Electrical, Elevator/Lift, Excavating, Fence, Fire Alarm, Swimming Pools, Fire Sprinkler, Fireplaces, HVAC, Insulation, Irrigation, Masonry, Mechanical Piping, Plumbing, Roofing, Siding/Ext Wall Finish, Sign Erector, Steel Erector, Other.

UNDER PENALTY OF INTENTIONAL MISREPRESENTATION AND/OR PERJURY, I declare that I have examined and/or made this application and it is true and correct to the best of my knowledge and belief. I agree to construct said improvement in compliance with all provisions of the Ordinances of DuPage County. I realize that the information that I have affirmed hereon forms a basis for the issuance of the building permit herein applied for and approval of plans in connection therewith shall not be construed to permit any construction upon said premises or use thereof in violation of any provision of any Ordinance of DuPage County or to excuse the issuance of permit. Where no work has been started within ninety (90) days after the issuance of a permit, or when more than six (6) months have elapsed since the issuance of permit, such permit shall be VOID. No work shall commence prior to the expiration of the permit.

Owner Signature (original) Date: 9/24/2020 E-Mail: dstreck1@gmail.com
Applicant Signature (original) Mark Layne Phone # 630-890-45154 Fax #

For Office Use Only: County's estimated cost of new construction: \$ Existing construction: \$
Permit Fee \$ Drainage \$ Plumbing review \$
Plan Review \$ Fence \$ Alarm \$
Plumbing Fee \$ Sign \$ Suppression \$
Electrical Fee \$ Ex/Fill \$ Total Fee \$
Use/Occupancy \$ Other \$ App Fee Pd \$
Permit Technician Balance Due \$
House # Township Fire District

RECEIPT HEREBY ACKNOWLEDGED AND PERMIT AS CHECKED HEREBY AUTHORIZED BY:

Zoning Approval Date [ ] ZBA Building Official Date

INSPECTIONS MUST BE SCHEDULED TWENTY-FOUR (24) HOURS IN ADVANCE
MONDAY - FRIDAY BETWEEN THE HOURS OF 8:00 A.M. - 4:00 P.M. at (630) 407-6700



# verticalbridge T Mobile

**VB US-IL-5657 LAKE VIEW  
T-MOBILE ID: CH74346L  
MEDINAH, ILLINOIS  
CONSTRUCTION DRAWINGS  
65' MONOPINE**

**Edge**  
Consulting Engineers, Inc.  
1111 W. WASHINGTON ST.  
CHICAGO, IL 60607  
TEL: 312.467.1000  
WWW.EDGE-CEI.COM

**verticalbridge**  
VERTICAL BRIDGE DEVELOPMENT, LLC  
175 PARK OF COMMERCE DRIVE  
SUITE 200  
MEDINAH, IL 60451

| SITE LOCATION MAPS | SHEET INDEX   | DIRECTORY  | PROJECT INFO  | SCOPE OF WORK   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
|--------------------|---|--|---|---|-------------|-------|------------------------|-------|---------------------------------|-------|-----------|-------|--------------------|-------|----------------------|-------|---------------|-------|-----------------|-------|----------------|-------|-------------------|-------|----------------------------------|-------|---------------------------------|-------|-------------------------|-------------|---------------------------|-------|----------------------|-------|-----------------|-------|---------------|-------|---------------------|-------|--------------------|-------|--------------------|-------|--------------------|-------|--------------------|-------|-------------------|-------|----------------------------|-------|----------------|-------|------------------------|-------|--------------------------|-------|----------------|-------|-------------------------------------|-------|----------------------|-------|--------------------|-------|------------------|-------|----------------|-------|----------------------------------|-------|----------------|-------|--------------|-------------|-------------------|-------------|-----------------|--|--|--|
|                    | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NO.:</th> <th style="width: 90%;">SHEET TITLE</th> </tr> </thead> <tbody> <tr><td>G-001</td><td>TITLE SHEET</td></tr> <tr><td>G-002</td><td>GENERAL SPECIFICATIONS</td></tr> <tr><td>G-003</td><td>GENERAL SPECIFICATIONS (SURVEY)</td></tr> <tr><td>C-101</td><td>SITE PLAN</td></tr> <tr><td>C-102</td><td>ENLARGED SITE PLAN</td></tr> <tr><td>C-103</td><td>EROSION CONTROL PLAN</td></tr> <tr><td>C-602</td><td>FENCE DETAILS</td></tr> <tr><td>C-903</td><td>GRADING DETAILS</td></tr> <tr><td>L-101</td><td>LANDSCAPE PLAN</td></tr> <tr><td>L-001</td><td>LANDSCAPE DETAILS</td></tr> <tr><td>A-001</td><td>EQUIPMENT CABINET SPECIFICATIONS</td></tr> <tr><td>A-002</td><td>GROUND EQUIPMENT SPECIFICATIONS</td></tr> <tr><td>A-101</td><td>EQUIPMENT PLATFORM PLAN</td></tr> <tr><td>S-001-S-002</td><td>STRUCTURAL SPECIFICATIONS</td></tr> <tr><td>S-003</td><td>INSPECTION CHECKLIST</td></tr> <tr><td>S-101</td><td>FOUNDATION PLAN</td></tr> <tr><td>S-102</td><td>PLATFORM PLAN</td></tr> <tr><td>S-103</td><td>RAILING/LADDER PLAN</td></tr> <tr><td>S-201</td><td>PLATFORM ELEVATION</td></tr> <tr><td>S-202</td><td>PLATFORM ELEVATION</td></tr> <tr><td>S-203</td><td>PLATFORM ELEVATION</td></tr> <tr><td>S-204</td><td>PLATFORM ELEVATION</td></tr> <tr><td>S-901</td><td>FOUNDATION DETAIL</td></tr> <tr><td>S-902</td><td>EQUIPMENT PLATFORM DETAILS</td></tr> <tr><td>S-101</td><td>ISOMETRIC VIEW</td></tr> <tr><td>T-001</td><td>ANTENNA SPECIFICATIONS</td></tr> <tr><td>T-002</td><td>EQUIPMENT SPECIFICATIONS</td></tr> <tr><td>T-101</td><td>SITE ELEVATION</td></tr> <tr><td>T-101</td><td>ANTENNA AND EQUIPMENT CONFIGURATION</td></tr> <tr><td>T-101</td><td>INSTALLATION DETAILS</td></tr> <tr><td>T-102</td><td>ICE BRIDGE DETAILS</td></tr> <tr><td>T-603</td><td>PLUMBING DIAGRAM</td></tr> <tr><td>T-604</td><td>WIRING DETAILS</td></tr> <tr><td>E-001</td><td>UTILITY EQUIPMENT SPECIFICATIONS</td></tr> <tr><td>E-101</td><td>GROUNDING PLAN</td></tr> <tr><td>E-102</td><td>UTILITY PLAN</td></tr> <tr><td>E-001-E-002</td><td>GROUNDING DETAILS</td></tr> <tr><td>E-001-E-002</td><td>UTILITY DETAILS</td></tr> </tbody> </table> | NO.:   | SHEET TITLE   | G-001   | TITLE SHEET | G-002 | GENERAL SPECIFICATIONS | G-003 | GENERAL SPECIFICATIONS (SURVEY) | C-101 | SITE PLAN | C-102 | ENLARGED SITE PLAN | C-103 | EROSION CONTROL PLAN | C-602 | FENCE DETAILS | C-903 | GRADING DETAILS | L-101 | LANDSCAPE PLAN | L-001 | LANDSCAPE DETAILS | A-001 | EQUIPMENT CABINET SPECIFICATIONS | A-002 | GROUND EQUIPMENT SPECIFICATIONS | A-101 | EQUIPMENT PLATFORM PLAN | S-001-S-002 | STRUCTURAL SPECIFICATIONS | S-003 | INSPECTION CHECKLIST | S-101 | FOUNDATION PLAN | S-102 | PLATFORM PLAN | S-103 | RAILING/LADDER PLAN | S-201 | PLATFORM ELEVATION | S-202 | PLATFORM ELEVATION | S-203 | PLATFORM ELEVATION | S-204 | PLATFORM ELEVATION | S-901 | FOUNDATION DETAIL | S-902 | EQUIPMENT PLATFORM DETAILS | S-101 | ISOMETRIC VIEW | T-001 | ANTENNA SPECIFICATIONS | T-002 | EQUIPMENT SPECIFICATIONS | T-101 | SITE ELEVATION | T-101 | ANTENNA AND EQUIPMENT CONFIGURATION | T-101 | INSTALLATION DETAILS | T-102 | ICE BRIDGE DETAILS | T-603 | PLUMBING DIAGRAM | T-604 | WIRING DETAILS | E-001 | UTILITY EQUIPMENT SPECIFICATIONS | E-101 | GROUNDING PLAN | E-102 | UTILITY PLAN | E-001-E-002 | GROUNDING DETAILS | E-001-E-002 | UTILITY DETAILS | <p><b>CLIENT</b><br/>VERTICAL BRIDGE DEVELOPMENT, LLC<br/>175 PARK OF COMMERCE DRIVE, SUITE 200<br/>MEDINAH, IL 60451<br/>CONTACT: DAN E. MALINA<br/>PHONE: 604.943.7111</p> <p><b>CLIENT</b><br/>T-MOBILE<br/>1400 OLUS PLACE<br/>CHANNERS GROVE, IL 60516<br/>CONTACT: RAYMOND GRAFFIA<br/>PHONE: 617.707.3050</p> <p><b>ENGINEERING COMPANY</b><br/>EDGE CONSULTING ENGINEERS, INC.<br/>1111 W. WASHINGTON STREET<br/>CHICAGO, IL 60607<br/>CONTACT: ANDREW FORN<br/>PHONE: 604.943.1449</p> <p><b>SITE ACQUISITION</b><br/>IN SITE, INC.<br/>CONTACT: MARK LAVINE<br/>PHONE: 312.890.4334</p> <p><b>SURVEYOR</b><br/>MERIDIAN SURVEYING, LLC<br/>10857 FRIENDSHIP DRIVE<br/>NAUKALANA, WI 53106<br/>CONTACT: CRAIG REACH<br/>PHONE: 509.943.0661</p> | <p><b>SITE LOCATION</b><br/>NEAR GLENDALE ROAD AND SPRING VALLEY DRIVE<br/>MEDINAH, IL 60451</p> <p><b>PROPERTY OWNER</b><br/>MEDINAH SPRING VALLEY PARK INC.<br/>P.O. BOX 564<br/>MEDINAH, IL 60451</p> <p><b>CITY COORDINATE GIPER (GEOCENTRIC)</b><br/>LAT (NAD 1983) 41° 02' 59.41"<br/>LONG (NAD 1983) 071° 02' 47.72"<br/>GROUND ELEVATION (NAVD 83) 200.7</p> <p><b>PLUS INFORMATION</b><br/>LOT 171 OF BRANIGARS MEDINAH SPRING VALLEY<br/>LOCATED IN PART OF SECTION 11, T-10N, R-10E<br/>OF THE 3RD PM<br/>DUPAGE COUNTY<br/>ILLINOIS</p> <p><b>TAX KEY NUMBER</b><br/>0214-223001</p> <p><b>ZONED</b><br/>M</p> | <p><b>PROJECT DESCRIPTION</b><br/>PROJECT TYPE: NEW SITE BUILD TO INCLUDE<br/>1) HIGH SPEED MONOPINE<br/>EQUIPMENT PROPOSED EQUIPMENT PLATFORM<br/>TO BE ELEVATED 7' ABOVE GRADE</p> <p><b>PROPOSED ANTENNAS</b><br/>1) ANTENNAS<br/>2) LITE SODA COMP CO<br/>3) LITE AVIS PCS</p> <p><b>PROPOSED TOWER EQUIPMENT</b><br/>1) AT-LCA RADIOTELEPHONE HEADS<br/>2) AIR-RO MOUNTED RADIO HEADS<br/>3) FAN COOLING SYSTEM MODULE<br/>4) HYBRID FIBER BREAKOUT BOX</p> <p><b>PROPOSED GROUND EQUIPMENT</b><br/>1) TAMPS<br/>2) FEMP<br/>3) SITE SUPPORT CABINET<br/>4) BATTERY BACKUP CABINET<br/>5) ANGLE COUP<br/>6) CIENA<br/>7) POWER PROTECTION CABINET</p> <p><b>PROJECT AREA</b><br/>40' X 70' BASE AREA = 2,800 SQ. FT.<br/>30' WIDE ACCESS STRIP BASEMENT = 2,160 SQ. FT.<br/>15' WIDE STRIP BASEMENT = 945 SQ. FT.</p> |
|                    | NO.:  | SHEET TITLE  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| G-001              | TITLE SHEET   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| G-002              | GENERAL SPECIFICATIONS  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| G-003              | GENERAL SPECIFICATIONS (SURVEY)   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| C-101              | SITE PLAN   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| C-102              | ENLARGED SITE PLAN  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| C-103              | EROSION CONTROL PLAN  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| C-602              | FENCE DETAILS   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| C-903              | GRADING DETAILS   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| L-101              | LANDSCAPE PLAN  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| L-001              | LANDSCAPE DETAILS   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| A-001              | EQUIPMENT CABINET SPECIFICATIONS  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| A-002              | GROUND EQUIPMENT SPECIFICATIONS   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| A-101              | EQUIPMENT PLATFORM PLAN   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| S-001-S-002        | STRUCTURAL SPECIFICATIONS   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| S-003              | INSPECTION CHECKLIST  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| S-101              | FOUNDATION PLAN   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| S-102              | PLATFORM PLAN   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| S-103              | RAILING/LADDER PLAN   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| S-201              | PLATFORM ELEVATION  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| S-202              | PLATFORM ELEVATION  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| S-203              | PLATFORM ELEVATION  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| S-204              | PLATFORM ELEVATION  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| S-901              | FOUNDATION DETAIL   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| S-902              | EQUIPMENT PLATFORM DETAILS  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| S-101              | ISOMETRIC VIEW  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| T-001              | ANTENNA SPECIFICATIONS  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| T-002              | EQUIPMENT SPECIFICATIONS  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| T-101              | SITE ELEVATION  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| T-101              | ANTENNA AND EQUIPMENT CONFIGURATION   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| T-101              | INSTALLATION DETAILS  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| T-102              | ICE BRIDGE DETAILS  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| T-603              | PLUMBING DIAGRAM  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| T-604              | WIRING DETAILS  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| E-001              | UTILITY EQUIPMENT SPECIFICATIONS  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| E-101              | GROUNDING PLAN  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| E-102              | UTILITY PLAN  |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| E-001-E-002        | GROUNDING DETAILS   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
| E-001-E-002        | UTILITY DETAILS   |  |   |   |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |
|                    |   | <p><b>SPECIAL REQUIREMENTS</b></p> <p>THE FOLLOWING DURING CONSTRUCTION:<br/>CURRENT BUILDING CODE (CURRENTLY UNDER CONSTRUCTION)<br/>AND INTERNATIONAL CODE (CURRENT BUILDING FOR MINIMUMAL FIRE, GAS AND PROPERTY CODES)<br/>INTERNATIONAL FIRE CODE<br/>CURRENT ILLINOIS ENERGY EFFICIENT BUILDING CODE<br/>CURRENT ILLINOIS STATE PLUMBING CODE<br/>CURRENT ILLINOIS STATE WIRING CODE<br/>CURRENT ILLINOIS ACCESSIBILITY CODE</p> <p><b>CALLING NOTES</b><br/>1. ALL DIMENSIONS SHOWN ARE SUBJECT TO CHANGE BASED ON FIELD SURVEY DATA.<br/>2. ALL DIMENSIONS SHOWN ARE SUBJECT TO CHANGE BASED ON FIELD SURVEY DATA.<br/>3. ALL DIMENSIONS SHOWN ARE SUBJECT TO CHANGE BASED ON FIELD SURVEY DATA.<br/>4. ALL DIMENSIONS SHOWN ARE SUBJECT TO CHANGE BASED ON FIELD SURVEY DATA.<br/>5. ALL DIMENSIONS SHOWN ARE SUBJECT TO CHANGE BASED ON FIELD SURVEY DATA.</p> | <p><b>UTILITY INFORMATION</b></p> <p><b>ELECTRIC SERVICE PROVIDER</b> COMED</p> <p><b>FIBER PROVIDER</b> TMO</p> <p><b>NO PROVIDER</b> TMO</p> <p>TO OBTAIN LOCATION OF PARTICIPANTS<br/>UNDERGROUND FACILITIES BEFORE YOU DIG<br/>IN ILLINOIS, CALL CHICAGO DIGGERS HOTLINE<br/>TOLL FREE 1-800-744-7000<br/>OR TOLL FREE 1-800-832-0123<br/>ILLINOIS STATE REQUIRES MIN. 3 WORK DAYS<br/>NOTICE BEFORE YOU DIG DATE</p> | <p><b>STRUCTURAL ANALYSIS</b></p> <p>STRUCTURAL ANALYSIS COMPLETED BY OTHERS<br/>CONTRACTOR TO REVIEW STRUCTURAL REPORT IN ITS<br/>ENTIRETY. ANY DISCREPANCIES OR DISAGREEMENTS<br/>BE TWEEN THE REPORT AND THESE PLANS SHOULD BE<br/>RESOLVED PRIOR TO CONSTRUCTION.</p> <p>I HEREBY CERTIFY THAT THIS PLAN SET WAS<br/>PREPARED BY ME OR UNDER MY DIRECT<br/>SUPERVISION OTHER THAN THE EXCEPTIONS<br/>NOTED IN THE SHEET INDEX AND THAT I AM<br/>A FULLY LICENSED PROFESSIONAL ENGINEER<br/>UNDER THE LAWS OF THE STATE OF ILLINOIS</p> <p style="text-align: right;">DATE: <u>1/26/23</u></p> |             |       |                        |       |                                 |       |           |       |                    |       |                      |       |               |       |                 |       |                |       |                   |       |                                  |       |                                 |       |                         |             |                           |       |                      |       |                 |       |               |       |                     |       |                    |       |                    |       |                    |       |                    |       |                   |       |                            |       |                |       |                        |       |                          |       |                |       |                                     |       |                      |       |                    |       |                  |       |                |       |                                  |       |                |       |              |             |                   |             |                 |  |  |  |

**TITLE SHEET  
CH74346L (SPRING VALLEY DR - RL)  
MEDINAH, ILLINOIS**



**G-001**

### 1.00 GENERAL REQUIREMENTS

- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK. ALL GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENTS TO BE USED IN CONDITIONS WHICH ARE NOT SPECIFICALLY SHOWN OTHERWISE.
- B. ALL SYMBOLS AND ABBREVIATIONS ARE CONSIDERED CONSTRUCTION INDUSTRY STANDARDS. IF A CONTRACTOR HAS A QUESTION REGARDING THEIR EXACT MEANING THE ARCHITECT/ENGINEER SHALL BE NOTIFIED FOR CLARIFICATIONS.
- C. WHERE SPECIFIED MATERIALS TESTING SHALL REF TO THE LATEST STANDARDS AVAILABLE AS REQUIRED BY THE LOCAL GOVERNING AGENCY RESPONSIBLE FOR RECORDING THE RESULTS.
- D. THE CONTRACTOR SHALL PROVIDE THE MATERIALS APPROVED BY THE FIRE MARSHALL FOR FILING OR SEALING PENETRATIONS THROUGH FIRE RATED ASSEMBLIES.
- E. ALL DIMENSIONS TAKE PRECEDENCE OVER SCALE UNLESS OTHERWISE NOTED.
- F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE FROM THE START OF THE PROJECT TO THE COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO ASSESS CONDITIONS THAT MAY ADVERSELY AFFECT THE WORK OR THE COST OF THE WORK.
- G. THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSIONS, ELEVATIONS, ETC. NECESSARY FOR THE PROPER CONSTRUCTION OF NEW PORTION OF THE WORK AND ALIGNMENT OF THE NEW PORTION OF THE WORK TO THE EXISTING WORK. THE CONTRACTOR SHALL MAKE ALL MEASUREMENTS NECESSARY FOR FABRICATION AND ERECTION OF STRUCTURAL MEMBERS. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE A & E.
- H. NEW CONSTRUCTION ADDED TO EXISTING CONSTRUCTION SHALL BE MATCHED IN FORM, TEXTURE, MATERIAL AND PAINT COLOR EXCEPT AS NOTED IN THE PLANS.
- I. NO CHANGES ARE TO BE MADE TO THESE PLANS WITHOUT THE KNOWLEDGE AND WRITTEN CONSENT OF THE A & E.
- J. ANY REFERENCE TO THE WORDS APPROVED OR APPROVAL IN THESE DOCUMENTS SHALL BE HERE DEFINED TO MEAN GENERAL ACCEPTANCE ON REVIEW AND SHALL NOT RELIEVE THE CONTRACTOR AND/OR HIS SUB-CONTRACTORS OF ANY LIABILITY IN FINISHING THE REQUIRED MATERIALS OR LABOR SPECIFIED.
- K. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGERS OR SUPPORTS FOR INSTALLATION OF ITEMS INDICATED ON THE DRAWINGS.
- L. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITIONS OF THE FOLLOWING CODES/SPECIFICATIONS:
  - 1. LATEST LOCAL JURISDICTIONAL BUILDING CODES
  - 2. ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES AND REGULATIONS
  - 3. AMERICAN CONCRETE INSTITUTE (ACI)
  - 4. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
  - 5. ANSIEA - 222 - E
  - 6. UNIFORM BUILDING CODE (UBC)
  - 7. BUILDING OFFICIALS & CODE ADMINISTRATION (BOCA)
  - 8. NATIONAL ELECTRICAL CODE (NEC) WITH ALL AMENDMENTS
  - 9. AMERICAN INSTITUTE FOR STEEL CONSTRUCTION SPECIFICATIONS (AISC)
  - 10. LIFE SAFETY CODE NFPA - 101
  - 11. FEDERAL AVIATION REGULATIONS

### 1.03 CONFLICTS

- A. THE CONTRACTOR AND EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL MEASUREMENTS AT THE SITE BEFORE ORDERING ANY MATERIALS OR PERFORMING ANY WORK. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSION AND DIMENSIONS INDICATED ON THE CONSTRUCTION DRAWINGS. ANY SUCH DISCREPANCY IN DIMENSIONS WHICH MAY INADVERTENTLY OCCUR SHALL BE SUBMITTED TO THE SOA OR DESIGNATED REPRESENTATIVES FOR CONSIDERATION BEFORE THE CONTRACTOR PROCEEDS WITH WORK IN THE AFFECTED AREAS.
- B. THE CONTRACTOR SHALL NOTIFY A & E OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES AS THEY MAY BE DISCOVERED IN THE PLANS, SPECIFICATIONS AND NOTES PRIOR TO STARTING CONSTRUCTION INCLUDING BUT NOT LIMITED TO DEMOTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERRORS, OMISSIONS, OR INCONSISTENCIES AFTER THE START OF CONSTRUCTION THAT HAVE NOT BEEN BROUGHT TO THE ATTENTION OF THE A & E AND SHALL INCUR ANY EXPENSES REQUIRED TO RECTIFY THE SITUATION. THE METHOD OF CORRECTION SHALL BE APPROVED BY THE A & E.
- C. THE CONTRACTOR IF AWARDED THE CONTRACT WILL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY MATTER OR THING WHICH THE CONTRACTOR MIGHT NOT HAVE FULLY INFORMED HIMSELF PRIOR TO BIDDING.
- D. NO PLEA OF IGNORANCE OF CONDITIONS THAT EXIST OR OF DIFFICULTIES THAT MAY BE ENCOUNTERED OR OF ANY OTHER RELEVANT MATTER CONCERNING THE WORK TO BE PERFORMED WILL BE ACCEPTED AS A REASON FOR ANY FAILURE OR OMISSION ON THE PART OF THE CONTRACTOR TO FULFILL THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

### 1.07 PROTECTION

- A. PROTECT FINISHED SURFACES, INCLUDING JANIS AND WALLS USED AS PASSAGEWAYS THROUGH WHICH EQUIPMENT AND MATERIALS WILL PASS.
- B. PROVIDE PROTECTION FOR EQUIPMENT ROOM SURFACES PRIOR TO ALLOWING EQUIPMENT OR MATERIAL TO BE MOVED OVER SUCH SURFACES.
- C. MAINTAIN FINISHED SURFACES CLEAN, UNMARKED AND SUITABLY PROTECTED UNTIL JOB SITE IS ACCEPTED BY THE SOA.
- D. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL AREAS FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE TO NEW OR EXISTING SURFACES, STRUCTURES OR EQUIPMENT SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE PROPERTY OWNER. THE CONTRACTOR SHALL BEAR THE EXPENSE OF REPAIRING OR REPLACING ANY DAMAGED AREAS.

### 1.08 REPAIRS AND REPLACEMENTS

- A. IN EVENT OF DAMAGES, THE CONTRACTOR SHALL NOTIFY OWNER SOA. THEN PROMPTLY MAKE ALL REPLACEMENTS AND REPAIRS AT NO ADDITIONAL COST TO OWNER.
- B. ADDITIONAL TIME THAT IS REQUIRED TO SECURE REPLACEMENTS AND TO MAKE REPAIRS WILL NOT BE CONSIDERED BY OWNER TO JUSTIFY EXTENSION IN THE CONTRACT TIME FOR COMPLETION.

### 1.10 CLEAN UP

- A. THE CONTRACTOR SHALL AT ALL TIMES KEEP THE SITE FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY THEIR EMPLOYEES AT WORK, AND AT THE COMPLETION OF THE WORK, THEY SHALL REMOVE ALL RUBBISH FROM AND ABOUT THE BUILDING INCLUDING ALL TOOLS, SCAFFOLDING AND SURPLUS MATERIALS, AND SHALL LEAVE THE WORK AREA CLEAN AND READY FOR USE EACH DAY.
  - 1. REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES
  - 2. IT IS NECESSARY TO ACHIEVE A UNIFORM DEGREE OF CLEANLINESS, HOSE DOWN THE EXTERIOR OF THE STRUCTURE.
- B. EXTERIOR: VISUALLY INSPECT EXTERIOR SURFACES AND REMOVE ALL TRACES OF SOIL, WASTE MATERIAL, DUST, SMUDGES AND OTHER FOREIGN MATTER.
  - 1. REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES
  - 2. REMOVE PAINT DROPPINGS, SPOTS, STAINS AND DIRT FROM FINISHED SURFACES.
- C. INTERIOR: VISUALLY INSPECT INTERIOR SURFACES AND REMOVE ALL TRACES OF SOIL, WASTE MATERIAL, GRUDGE'S AND OTHER FOREIGN MATTER.
  - 1. REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES
  - 2. REMOVE PAINT DROPPINGS, SPOTS, STAINS AND DIRT FROM FINISHED SURFACES.
- D. CONTRACTOR SHALL WASH AND WAX FLOOR PRIOR TO FINAL ACCEPTANCE FROM SOA. WAX SHALL BE THE ANTI-STATIC TYPE.

### 1.12 RELATED DOCUMENTS AND COORDINATION

- A. GENERAL CARPENTRY, ELECTRICAL AND INTERFERA DRAWINGS ARE INTERRELATED IN PERFORMANCE OF THE WORK. EACH CONTRACTOR MUST PREPARE ALL DRAWINGS. ALL COORDINATION TO BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- B. THE CONTRACTOR SHALL SUPERVISE AND COORDINATE ALL WORK, USING HIS PROFESSIONAL KNOWLEDGE AND SKILLS. HE IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES AND PROCEDURES, AND FOR SUPERVISING, SCHEDULING AND COORDINATING ALL PORTIONS OF THE WORK.

### 1.13 SHOP DRAWINGS

- A. CONTRACTOR TO SUBMIT SHOP DRAWINGS AS REQUIRED AND LISTED IN THESE SPECIFICATIONS AND THROUGH THE GENERAL CONTRACTOR TO THE SOA FOR APPROVAL.
- B. SHOP DRAWINGS FOR ALL STRUCTURAL STEEL SHALL BE SUBMITTED TO THE ENGINEER OF RECORD UNLESS SPECIFICALLY NOTED OTHERWISE. CONTRACTOR SHALL NOT FABRICATE STEEL UNTIL DRAWINGS HAVE BEEN ACCEPTED IN WRITING.
- C. ALL SHOP DRAWINGS TO BE REVISED, CHECKED AND CORRECTED BY GENERAL CONTRACTOR PRIOR TO SUBMITTAL TO THE SOA.

### 1.14 PRODUCTS AND SUBSTITUTIONS

- A. SUBMIT 3 COPIES OF EACH REQUEST FOR SUBMISSION. IN EACH REQUEST IDENTIFY THE PRODUCT FABRICATION OR INSTALLATION METHOD TO BE REPLACED BY THE SUBSTITUTION. INCLUDE RELATED INSPECTIONS AND DRAWING NUMBERS, AND COMPLETE DOCUMENTATION SHOWING COMPLIANCE WITH THE REQUIREMENTS FOR SUBSTITUTIONS.
- B. ALL NECESSARY PRODUCT DATA AND CUT SHEETS SHOULD PROPERLY INDICATE AND DESCRIBE ITEMS, PRODUCTS AND MATERIALS BEING INSTALLED. THE CONTRACTOR SHALL PROVIDE NECESSARY BY THE SOA. SUBMIT ACTUAL SAMPLES TO THE SOA FOR APPROVAL IN LIEU OF CUT SHEETS.



vertical  
GENERAL SPECIFICATIONS  
CH74348L (SPRING VALLEY DR - RL)  
MEDINAH, ILLINOIS

GENERAL SPECIFICATIONS  
CH74348L (SPRING VALLEY DR - RL)  
MEDINAH, ILLINOIS

|               |             |
|---------------|-------------|
| DATE:         | 11/11/2021  |
| TIME:         | 10:00 AM    |
| BY:           | KL          |
| FOR:          | KL          |
| PROJECT:      |             |
| LOCATION:     | KCB         |
| DATE:         | 1-24-2022   |
| NO:           | 20552       |
| TYPE:         | PERMIT DWGS |
| SHEET NUMBER: | G-002       |



**1.15 COMPLIANCE**

- A ALL MATERIALS DESIGN AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES (SOME ARE LISTED HEREIN) ORDINANCES AND AUTHORITIES HAVING JURISDICTION OVER THE WORK UPON THE COMPLETION OF THE WORK THE CONTRACTOR SHALL PROVIDE CARBON WITH THE CERTIFICATES OF OCCUPANCY (IF REQUIRED); JOB SITE PERMITTED PLANS AND INSPECTION CARD WITH ALL FINAL INSPECTION SIGNATURES AND OTHER LEGAL DOCUMENTS TO VERIFY SUCH COMPLIANCES WHERE NO CODES EXIST THE WORK SHALL CONFORM TO THE UNIFORM BUILDING CODE AND/OR THE SPECIFICATIONS HEREIN WHICHEVER IS MORE STRINGENT AND A DOCUMENT STATEMENT SHALL BE FURNISHED TO THIS EFFECT
- B IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY COMPLIANCE WITH THE GOVERNING CODES AND TO NOTIFY THE SDM OF ANY DISCREPANCIES PRIOR TO PERFORMING WORK
- C REFERENCES TO ANY STANDARD OR CODE OF PRACTICES IN THIS SPECIFICATION SHALL BE DEEMED TO MEAN THE EDITION CURRENT AT THE TIME OF AWARD OF THE CONTRACT
- D THE TELECOMMUNICATIONS EQUIPMENT SPACE SHOWN IN THESE DRAWINGS IS NOT CUSTOMARILY OCCUPIED WORK TO BE PERFORMED IN THIS FACILITY CANNOT REASONABLY BE PERFORMED BY PERSONS WITH A SEVERE IMPAIRMENT TO MOBILITY SIGHT OR HEARING THEREFORE PER THE APPLICABLE CODES THIS FACILITY SHALL BE EXEMPTED FROM ALL TITLE 24 ACCESS REQUIREMENTS
- E THE CONTRACTOR SHALL COMPLY WITH ALL ZONING AND SITE ACQUISITION SPECIAL stipulations AS OUTLINED IN THE JOB SPECIFICATIONS OR AS DIRECTED BY THE SDM
  - i ANSIEA - 222 G
  - k UNIFORM BUILDING CODE (UBC)
  - m BUILDING OFFICIALS & CODE ADMINISTRATION (BOCA)
  - n NATIONAL ELECTRICAL CODE (NEC) WITH ALL AMENDMENTS
  - v AMERICAN INSTITUTE FOR STEEL CONSTRUCTION OR SPECIFICATIONS (AISC)
  - u LIFE SAFETY CODE NFPA - 101
  - w FEDERAL AVIATION REGULATIONS

**SERVICE NOTES:**

- A ELECTRICAL PLANS, DETAILS AND DIAGRAMS ARE DIAGRAMMATIC ONLY VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS WITH OWNER PLACEMENT AND ROUTING OF ALL COMPONENTS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES
- B SERVICE EQUIPMENT SHALL HAVE A FAULT WITHSTAND RATING EQUAL TO OR EXCEEDING THE MAXIMUM AVAILABLE FAULT CURRENT AT THE SUPPLY TERMINAL INSTALLATION SHALL BE FREE FROM ALL FAULTS AND GROUNDS
- C ALL ELECTRICAL EQUIPMENT CONDUITS AND SUPPORT SHALL BE ABLE TO WITHSTAND BE MPH WIND SPEED EXPOSURE C
- D ALL ELECTRICAL EQUIPMENT SHALL HAVE A PERMANENTLY AFFIXED NEOPRENE PLASTIC LABEL - BLACK ON WHITE LETTER HEIGHT SHALL BE 1/2" ALL NAMEPLATES TO BE FASTENED WITH (2) STAINLESS STEEL SCREWS NOT ADHESIVE
- E ALL WIRING SHALL BE COPPER WITH THINWALL DUAL HATED 800V COLOR CODED #12 AWG MINIMUM UNLESS NOTED OTHERWISE

**CONDUIT NOTES:**

- A RIGID CONDUIT SHALL BE U L LABEL GALVANIZED ZINC COATED WITH GALVANIZED ZINC INTERIOR AND SHALL BE USED WHEN INSTALLED IN OR UNDER CONCRETE SLABS IN CONTACT WITH EARTH UNDER PUBLIC ROADWAYS IN MASONRY WALLS OR EXPOSED ON BUILDING EXTERIOR
- B ELECTRICAL METALLIC TUBING SHALL BE U L LABEL FITTING SHALL BE (6) AND RUNG COMPRESSION TYPE
- C CORING THROUGH FLOORS AND WALLS SHALL NOT BE DONE WITHOUT FINAL APPROVAL OF BUILDING OWNER OR OWNER REPRESENTATIVE
- D CORING SHALL NOT BE PERFORMED DURING WORKING HOURS UNLESS OTHERWISE APPROVED BY THE OWNER

**GENERAL NOTES:**

- A SUBMITTAL OF BID INDICATES CONTRACTOR IS FAMILIAR WITH ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED AS DETAILED AND OUTLINED IN THESE DRAWINGS
- B THE ELECTRICAL PORTION OF THESE DRAWINGS IS ONLY A PART OF THE OVERALL DESIGN IT IS NECESSARY FOR THE ELECTRICIAN TO CONSIDER ALL ASPECTS OF THIS PROJECT WHEN BIDDING AND PLANNING THE WORK
- C IN THE EVENT OF A CONFLICTING DESIGN OR NOTATION THE CONTRACTOR SHALL ASSUME THE MOST EXPENSIVE OR RESTRICTIVE METHOD UNTIL A CLARIFICATION IS MADE
- D ALL THINGS WHICH IN THE OPINION OF THE CONTRACTOR ARE DEFICIENCIES OMISSIONS CONTRADICTIONS OR AMBIGUITIES IN THESE DESIGN DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE WORK PROCEEDS ALL CLARIFICATIONS MUST BE RECEIVED IN WRITING IN ORDER FOR THE MATTER TO BE CONSIDERED RESOLVED
- E ELECTRICAL WORK SHALL INCLUDE BUT NOT LIMITED TO ALL MATERIALS AND LABOR TO COMPLETE ALL ELECTRICAL SYSTEMS INCLUDING LIGHTING LOW VOLTAGE SYSTEMS PANELS POWER AND TELEPHONE DATA SERVICE CONTROL WIRING AND GROUNDING
- F ALL WORK TO BE EXECUTED IN A WORKMAN LIKE MANNER AND SHALL PRESENT A NEAT UNIFORM AND WELL INSTALLED APPEARANCE THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PROTECTION CLEANUP AND RESTORATION OF OWNER FACILITIES ASSOCIATED WITH THE WORK
- G SUBMITTAL OF BID INDICATES CONTRACTOR IS AWARE AND WILL CONFORM TO ALL LOADING AND UNLOADING RESTRICTIONS ELEVATOR RESTRICTIONS AND UNDERSTANDS OWNER EXPECTATION REGARDING TO THE SCHEDULE OF CORING AND OTHER TENANT IMPACTING ACTIVITIES
- H CONTRACTOR TO VERIFY ACCEPTANCE OF THESE PLANS AND DESIGNS WITH THE LOCAL UTILITY COMPANY ENGINEER BEFORE THE START OF ANY WORK AND ORDERING OF ANY MATERIAL
- I CONTRACTOR TO VERIFY OWNER APPROVAL OF ANY PLANNED OUTAGES PRIOR TO SUBMITTAL OF BID

**SPECIAL NOTES:**

- A AS DETERMINED BY THE DESIGN PROFESSIONAL IN CHARGE OF SPECIAL INSPECTIONS A FINAL REPORT OF FINAL INSPECTIONS (CONCRETE SOILS FOUNDATION ELEMENTS ETC) WILL BE REQUIRED TO THE COUNTY BEFORE A CERTIFICATE OF USE IS ISSUED (IBC 111.1.709.2.4)

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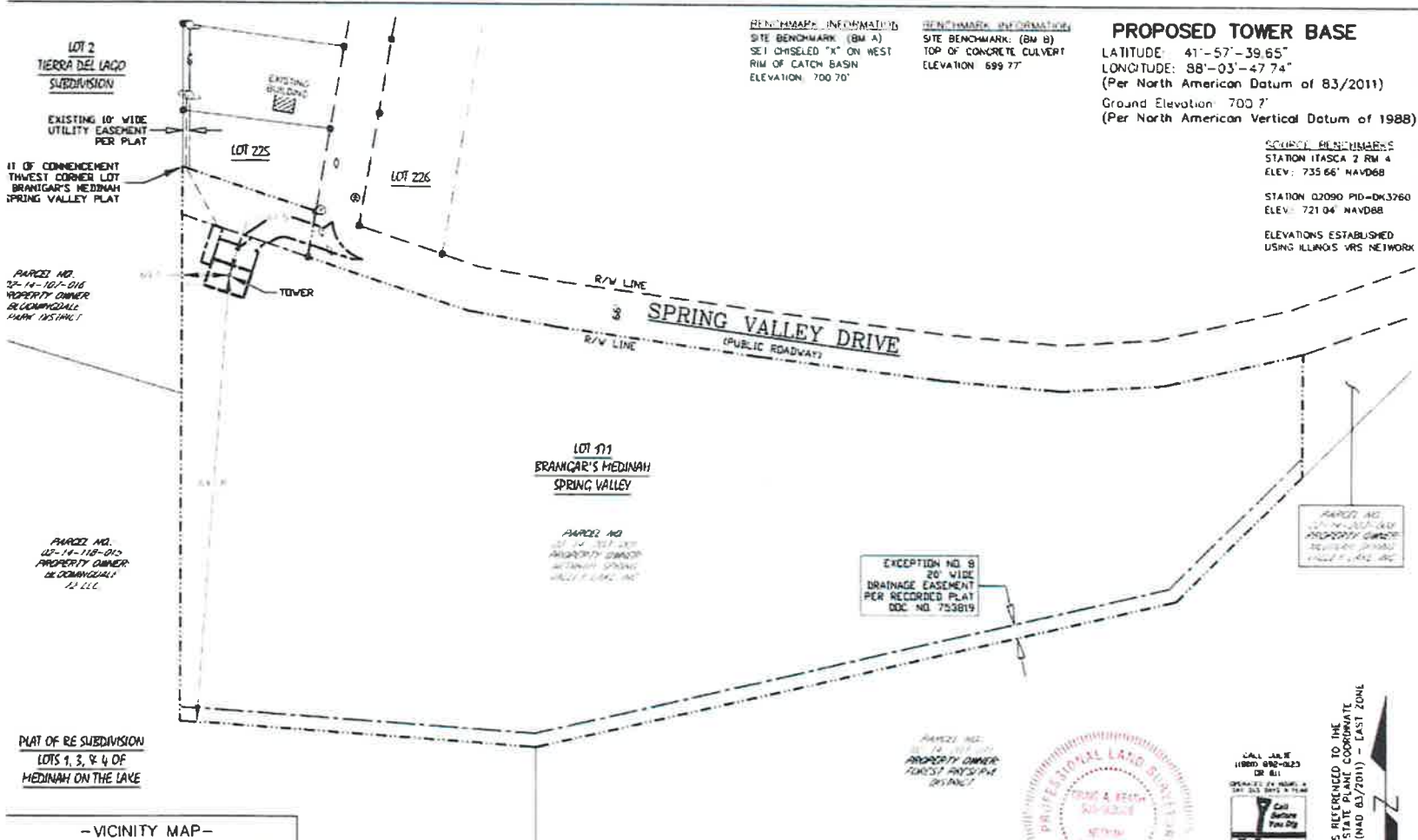
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vertical

**GENERAL SPECIFICATIONS**  
CH74348L (SPRING VALLEY DR - FL)  
MEDINAH, ILLINOIS

|                  |             |
|------------------|-------------|
| DATE: 01/23/2013 |             |
| REV              | DESCRIPTION |
| 01               | 2013-01-23  |
| 02               | 2013-01-23  |
| 03               | 2013-01-23  |
| 04               | 2013-01-23  |
| 05               | 2013-01-23  |
| 06               | 2013-01-23  |
| 07               | 2013-01-23  |
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| 97               | 2013-01-23  |
| 98               | 2013-01-23  |
| 99               | 2013-01-23  |
| 100              | 2013-01-23  |

KCB  
1/24/2013  
20553  
PERMIT DWGS  
**G-003**



**BENCHMARK INFORMATION**  
 SITE BENCHMARK: (BM A)  
 SE1 CHISELED "X" ON WEST  
 RIM OF CATCH BASIN  
 ELEVATION: 700.70'

**BENCHMARK INFORMATION**  
 SITE BENCHMARK: (BM B)  
 TOP OF CONCRETE CULVERT  
 ELEVATION: 699.77'

**PROPOSED TOWER BASE**  
 LATITUDE: 41°-57'-39.65"  
 LONGITUDE: 88°-03'-47.74"  
 (Per North American Datum of 83/2011)  
 Ground Elevation: 700.7'  
 (Per North American Vertical Datum of 1988)

**SOURCE BENCHMARKS**  
 STATION ITASCA 7 RM 4  
 ELEV: 735.66' NAVD88

STATION Q2090 PID-DK3260  
 ELEV: 721.04' NAVD88

ELEVATIONS ESTABLISHED  
 USING ILLINOIS VRS NETWORK

SURVEYED FOR:

Edge Consulting Engineers, Inc.  
 624 Water Street  
 P.O. Box 1100  
 60804-1100  
 608.664.1549 voice  
 608.664.1549 fax  
 www.edgeconsult.com

SURVEYED FOR:

750 PARK OF COMMERCE DRIVE  
 SUITE 200  
 BOCA RATON, FL 33487

**MERIDIAN**  
**SURVEYING, LLC**  
 N9637 Friendship Drive Office 320-993-0881  
 Kaukaun, WI 54130 Fax: 920-273-6037

**SITE NAME:**  
LAKEVIEW

**SITE NUMBER:**  
US-IL-5657

**SITE ADDRESS:**  
SPRING VALLEY DR.  
MEDINAH, IL 60157

**PROPERTY OWNER:**  
 MEDINAH SPRING  
 VALLEY LAKE INC  
 PO BOX 564  
 MEDINAH, IL 60157

**PARCEL NO.:** 02-14-203-001

**ZONED:** R

**SURVEY PLAT**  
 FOR  
**VB BTS II, LLC.**  
 LOT 171 OF BRANICAR'S MEDINAH  
 SPRING VALLEY, LOCATED IN NW1/4 OF  
 SECTION 14, T. 40N., R. 10E., OF THE  
 3rd P.M., DUPAGE COUNTY, ILLINOIS

PARCEL NO.  
02-14-107-016  
PROPERTY OWNER  
BRANICAR'S MEDINAH  
SPRING VALLEY PLAY

PARCEL NO.  
02-14-118-010  
PROPERTY OWNER  
BRANICAR'S MEDINAH  
SPRING VALLEY PLAY

PLAT OF RE-SUBDIVISION  
 LOTS 1, 2, 3, & 4 OF  
 MEDINAH ON THE LAKE



**CERTIFICATION:**  
 I, CRAIG A. KEACH, PLS, A ILLINOIS PROFESSIONAL LAND SURVEYOR, LICENSE NO. 035-003528, HEREBY CERTIFY TO: VERTICAL BRIDGE REIT, LLC, A DELAWARE LIMITED LIABILITY COMPANY, ITS SUBSIDIARIES, AND THEIR RESPECTIVE SUCCESSORS AND/OR ASSIGNS, TORONTO DOMINION (TEXAS) LLC, AS ADMINISTRATIVE AGENT, FOR ITSELF AND ON BEHALF OF THE LENDERS PARTIES FROM TIME TO TIME TO THAT CERTAIN SECOND AMENDED AND RESTATED LOAN AGREEMENT DATED JUNE 17, 2016 WITH VERTICAL BRIDGE HOLDCO, LLC, AS BORROWER, AND VERTICAL BRIDGE HOLDCO PARENT, LLC, AS PARENT, AS MAY BE AMENDED, RESTATED, MODIFIED OR RENEWED, THEIR SUCCESSORS AND ASSIGNS AS THEIR INTERESTS MAY APPEAR, AND FIDELITY NATIONAL TITLE INSURANCE COMPANY.

THIS SURVEYOR HAS RECEIVED AND REVIEWED THAT CERTAIN TITLE COMMITMENT NO. 29051142 ISSUED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY WITH AN EFFECTIVE DATE OF OCTOBER 10, 2018 WHICH PROPOSES TO INSURE THE LANDS DESCRIBED UNDER ITS SCHEDULE A.

**-LEGEND-**

- = 1" x 16" IRON PIPE SET
- = 1" IRON PIPE FOUND
- = 6" NAIL SET
- ⊕ = EXISTING POWER POLE
- ⊙ = GAS VALVE
- ⊖ = STORM INLET
- ⊘ = SIGN
- ⊙ = WOOD LATH
- = OVERHEAD ELECTRIC
- = BURIED GAS LINE
- — — = PROPERTY LINE
- ⊙ = EXISTING TREE

EXCEPTION NO. 9  
 20' WIDE  
 DRAINAGE EASEMENT  
 PER RECORDED PLAT  
 DOC. NO. 753819



BEARINGS REFERENCED TO THE  
 ILLINOIS STATE PLANE COORDINATE  
 SYSTEM (NAD 83/2011) - LAST ZONE

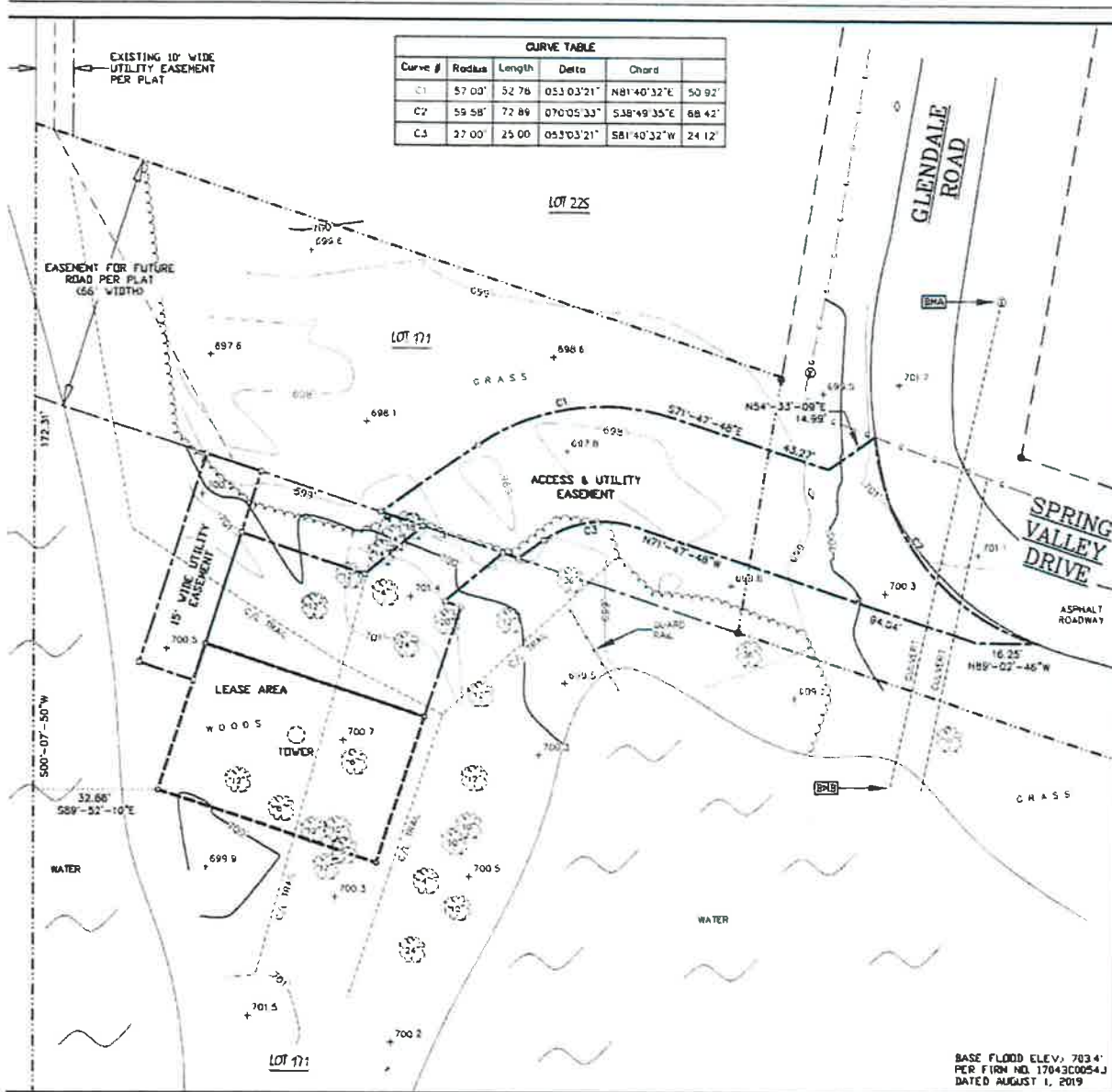
**SURVEYOR'S CERTIFICATE**  
 I, CRAIG A. KEACH, PLS, A ILLINOIS PROFESSIONAL LAND SURVEYOR, LICENSE NO. 035-003528, HEREBY CERTIFY TO: VERTICAL BRIDGE REIT, LLC, A DELAWARE LIMITED LIABILITY COMPANY, ITS SUBSIDIARIES, AND THEIR RESPECTIVE SUCCESSORS AND/OR ASSIGNS, TORONTO DOMINION (TEXAS) LLC, AS ADMINISTRATIVE AGENT, FOR ITSELF AND ON BEHALF OF THE LENDERS PARTIES FROM TIME TO TIME TO THAT CERTAIN SECOND AMENDED AND RESTATED LOAN AGREEMENT DATED JUNE 17, 2016 WITH VERTICAL BRIDGE HOLDCO, LLC, AS BORROWER, AND VERTICAL BRIDGE HOLDCO PARENT, LLC, AS PARENT, AS MAY BE AMENDED, RESTATED, MODIFIED OR RENEWED, THEIR SUCCESSORS AND ASSIGNS AS THEIR INTERESTS MAY APPEAR, AND FIDELITY NATIONAL TITLE INSURANCE COMPANY.

THIS SURVEYOR HAS RECEIVED AND REVIEWED THAT CERTAIN TITLE COMMITMENT NO. 29051142 ISSUED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY WITH AN EFFECTIVE DATE OF OCTOBER 10, 2018 WHICH PROPOSES TO INSURE THE LANDS DESCRIBED UNDER ITS SCHEDULE A.

**PROPERTY DETAIL  
 NOT TO SCALE**

| NO. | DATE     | DESCRIPTION                  | BY   |
|-----|----------|------------------------------|------|
| 10  | 2/28/23  | Revised Easement             | J.B. |
| 9   | 7/13/22  | Revised Easement             | J.B. |
| 8   | 12/14/21 | Added Existing Easement into | J.B. |
| 7   | 9/30/21  | Added Benchmark Info         | J.B. |
| 6   | 3/25/21  | Added New FEMA Info          | J.B. |
| 5   | 12/10/18 | Added Text                   | J.B. |
| NO. | DATE     | DESCRIPTION                  | BY   |

|             |        |                  |            |
|-------------|--------|------------------|------------|
| WN BY:      | J.B.   | FIELD WORK DATE: | 10-24-18   |
| CHECKED BY: | C.A.K. | FIELD BOOK:      | N-45 HC-49 |
| JOB NO.:    | 10702  | SHEET:           | 1 OF 3     |



| CURVE TABLE |        |        |            |                    |
|-------------|--------|--------|------------|--------------------|
| Curve #     | Radius | Length | Delta      | Chord              |
| C1          | 57.00' | 52.76' | 053°03'21" | N81°40'32"E 50.92' |
| C2          | 59.58' | 72.89' | 070°05'33" | S38°49'35"E 88.42' |
| C3          | 37.00' | 25.00' | 053°03'21" | S81°40'32"W 24.12' |

**SURVEY NOTES:**

- THE LOCATION OF THE EXISTING UTILITIES, AS SHOWN ON THIS PLAN, ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ACTUAL LOCATION AND DEPTH OF ALL EXISTING UTILITIES. THE OWNER AND THE SURVEYOR SHALL NOT BE RESPONSIBLE FOR ANY OMISSION OR VARIATION FROM THE LOCATION SHOWN.
- JULY TICKET NO. XD02892204
- ACCORDING TO FEDERAL EMERGENCY AGENCY MAPS, THE PROPOSED TELECOMMUNICATIONS SITE IS LOCATED IN ZONE "AE". COMMUNITY PANEL NO. 17043C0054J, DATED AUGUST 1, 2019, AND IS IN A SPECIAL FLOOD HAZARD AREA (ZONE "AE" IS DESIGNATED AS "BASE FLOOD ELEVATION DETERMINED").
- NO WETLANDS AREAS HAVE BEEN INVESTIGATED BY THIS SURVEY.
- THIS IS NOT A BOUNDARY SURVEY OF THE PARENT PARCEL. THIS SURVEY REPRESENTS THE LEASE AREA, ACCESS & UTILITY EASEMENT AND 15' WIDE UTILITY EASEMENT ONLY.
- THE LEASE AREA, ACCESS & UTILITY EASEMENT AND 15' WIDE UTILITY EASEMENT LIE ENTIRELY WITHIN THE PARENT PARCEL.
- THERE ARE NO PHYSICAL ENCROACHMENTS AFFECTING THE LEASE AREA OR ACCESS & UTILITY EASEMENT.
- THE ACCESS & UTILITY EASEMENT RUNS TO SPRING VALLEY DRIVE RIGHT OF WAY (A PUBLIC RIGHT OF WAY).
- THE EASEMENT RIGHTS ARE BROADER THAN THE SURVEY DEPICTION PER THE OPTION AND LEASE AGREEMENT.
- NO ADDITIONAL FIELDWORK WAS PERFORMED SINCE 10-24-2018. THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR ANY NEW IMPROVEMENTS OR DIFFERENT SITE CONDITIONS FROM 1-WAY DATE.

**-LEGEND-**

- = 1" x 18" IRON PIPE SET
- = 1" IRON PIPE FOUND
- = 6" NAIL SET
- ⊕ = EXISTING POWER POLE
- ⊗ = GAS VALVE
- ⊖ = STORM INLET
- ⊙ = SIGN
- ⊥ = WOOD LATH
- = OVERHEAD ELECTRIC
- - - = BURIED GAS LINE
- - - = PROPERTY LINE
- ⊗ = EXISTING TREE



BEARINGS REFERRED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83/2011) - EAST ZONE

**BENCHMARK INFORMATION**  
 RE BENCHMARK (BM A)  
 T CHISELED "X" ON WEST  
 4 OF CATCH BASIN  
 ELEVATION 700.70

**BENCHMARK INFORMATION**  
 SITE BENCHMARK (BM B)  
 TOP OF CONCRETE CULVERT  
 ELEVATION 699.77

**GRAPHIC SCALE**  
 1 inch = 30 ft



SURVEYED FOR:

**Edge**  
 Consulting Engineers, Inc.  
 624 West Street  
 Peoria, IL 61614  
 308.644.1449 voice  
 308.644.1549 fax  
 www.edgeconsult.com

SURVEYED FOR:

**verticalbridge**

750 PARK OF COMMERCE DRIVE  
 SUITE 200  
 BOCA RATON, FL 33487

**MERIDIAN**

**SURVEYING, LLC**

19637 Friendship Drive Office 920-993-0881  
 Kankakee, IL 61501 Fax 920-273-6037

**SITE NAME:**  
 LAKEVIEW

**SITE NUMBER:**  
 US-IL-5657

**SITE ADDRESS:**  
 SPRING VALLEY DR.  
 MEDINAH, IL 60157

**PROPERTY OWNER:**  
 MERIDIAN SPRING  
 VALLEY LAKE INC  
 P.O. BOX 564  
 MEDINAH, IL 60157

**PARCEL NO.:** 02-14-203-001  
**ZONED:** R

**SURVEY PLAT**  
 FOR  
**VB BTS II, LLC.**

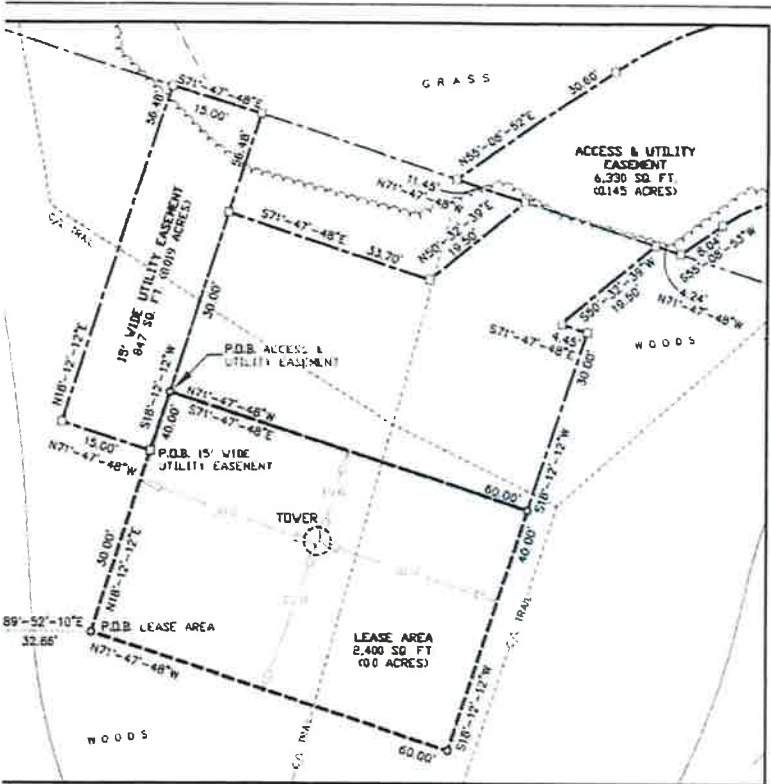
LOT 171 OF BRANIGAR'S MEDINAH  
 SPRING VALLEY, LOCATED IN NW1/4 OF  
 SECTION 14, T40N, R10E, OF THE  
 3rd P.M., DUPAGE COUNTY, ILLINOIS

| NO. | DATE     | DESCRIPTION                  | BY |
|-----|----------|------------------------------|----|
| 10  | 2/25/23  | Revised Easement             | JB |
| 9   | 7/13/22  | Revised Easement             | JB |
| 8   | 12/14/21 | Added Existing Easement Info | JB |
| 7   | 8/30/21  | Added Benchmark Info         | JB |
| 6   | 2/25/21  | Added New FEMA Info          | JB |
| 5   | 12/10/18 | Added Text                   | JB |
| NO. | DATE     | DESCRIPTION                  | BY |

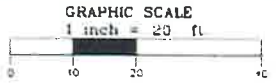
Checked By: **C.A.K.** FIELD WORK DATE: **10-24-18**

FIELD BOOK: **M-49, PG 45**

JOB NO.: **10702** SHEET **2** OF **3**



ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83/2011) - EAST ZONE



**SURVEYOR'S CERTIFICATE**  
 I, J. A. K., a duly licensed Professional Land Surveyor in the State of Illinois, do hereby certify that the foregoing plat was prepared and plotted in accordance with the provisions of the Surveying Act of the State of Illinois.  
 DATED: 28th FEBRUARY 2022  
 J. A. K.  
 J. A. K. PROFESSIONAL LAND SURVEYOR, No. 0214-203-001  
 LICENSE EXPIRES NOVEMBER 30, 2024  
 1530 N. HAWKINS STREET, SUITE 100, CHICAGO, ILLINOIS 60642  
 80 PROFESSIONAL SERVICE COMPANIES TO THE CURRENT LAND MEASUREMENT STANDARDS FOR A FULL-SCALE SURVEY

- LEGEND-**
- = 1" x 18" IRON PIPE SET
  - = 1" IRON PIPE FOUND
  - = 6" NAIL SET
  - = EXISTING POWER POLE
  - = GAS VALVE
  - = STORM INLET
  - = SIGN
  - = WOOD LATH
  - = OVERHEAD ELECTRIC
  - = BURIED GAS LINE
  - = PROPERTY LINE
  - = EXISTING TREE

**LEASE AREA**

Part of Lot 171 of Branigan's Medinah Spring Valley Unit Number 3 according to the plat thereof recorded April 21, 1955 as Document No. 753819 and Certificate of Correction Recorded May 2, 1955 and Certificate of Correction dated May 21, 1974 as Document No. R74-24443 and being a part of the Northwest Quarter (NW1/4) of Section Fourteen (14) Township Forty (40) North, Range Ten (10) East of the 3<sup>rd</sup> Principal Meridian, Dupage County, Illinois containing 2,400 square feet (0.055 acres) of land and being described by:

Commencing at the Northwest Corner of said Lot 171, thence S00°-07'-50"W 172.31 feet along the West line of said Lot 171 thence S89°-52'-10"E 32.86 feet to the point of beginning, thence N18°-12'-12"E 40.00 feet; thence S71°-47'-48"E 60.00 feet; thence S18°-12'-12"W 40.00 feet; thence N71°-47'-48"W 60.00 feet to the point of beginning; being subject to any and all easements of record

**ACCESS AND UTILITY EASEMENT**

Part of Lot 171 of Branigan's Medinah Spring Valley Unit Number 3 according to the plat thereof recorded April 21, 1955 as Document No. 753819 and Certificate of Correction Recorded May 2, 1955 and Certificate of Correction dated May 21, 1974 as Document No. R74-24443 and also being a part of the Northwest Quarter (NW1/4) of Section Fourteen (14) Township Forty (40) North, Range Ten (10) East of the 3<sup>rd</sup> Principal Meridian, Dupage County, Illinois containing 6,330 square feet (0.145 acres) of land and being described by:

Commencing at the Northwest Corner of said Lot 171; thence S00°-07'-50"W 172.31 feet along the West line of said Lot 171 thence S89°-52'-10"E 32.86 feet; thence N18°-12'-12"E 40.00 feet to the point of beginning; thence continue N18°-12'-12"E 30.00 feet; thence S71°-47'-48"E 33.70 feet; thence N50°-32'-39"E 19.50 feet; thence N71°-47'-48"W 11.45 feet; thence N55°-08'-52"E 30.60 feet to the beginning of a curve to the right; thence 32.78 feet along the arc of said curve to the right having a radius of 57.00 feet; and a chord which bears N81°-10'-32"E 50.92 feet; thence S71°-47'-48"E 43.27 feet; thence N54°-33'-09"E 14.99 feet to the beginning of a non-tangent curve to the left; thence 72.89 feet along the arc of said curve to the left having a radius of 59.58 feet and a chord which bears S38°-49'-35"E 68.42 feet; thence N89°-02'-46"W 16.25 feet; thence N71°-47'-48"W 94.04 feet to the beginning of a curve to the left; thence 25.00 feet along the arc of said curve to the left having a radius of 27.00 feet and a chord which bears S81°-10'-32"W 24.12 feet; thence S55°-08'-53"W 8.04 feet; thence N71°-47'-48"W 4.24 feet; thence S50°-32'-39"W 19.30 feet; thence S71°-47'-48"E 1.15 feet; thence S18°-12'-12"W 30.00 feet; thence N71°-47'-48"W 60.00 feet to the point of beginning; being subject to any and all easements of record

**15 FOOT WIDE UTILITY EASEMENT**

Part of Lot 171 of Branigan's Medinah Spring Valley Unit Number 3 according to the plat thereof recorded April 21, 1955 as Document No. 753819 and Certificate of Correction Recorded May 2, 1955 and Certificate of Correction dated May 21, 1974 as Document No. R74-24443 and being a part of the Northwest Quarter (NW1/4) of Section Fourteen (14) Township Forty (40) North, Range Ten (10) East of the 3<sup>rd</sup> Principal Meridian, Dupage County, Illinois containing 847 square feet (0.019 acres) of land and being described by:

Commencing at the Northwest Corner of said Lot 171, thence S00°-07'-50"W 172.31 feet along the West line of said Lot 171 thence S89°-52'-10"E 32.86 feet; thence N18°-12'-12"E 40.00 feet to the point of beginning; thence N71°-47'-48"W 15.00 feet; thence N18°-12'-12"W 56.48 feet; thence S71°-47'-48"E 15.00 feet; thence S18°-12'-12"W 56.48 feet to the point of beginning; being subject to any and all easements of record

**PARENT PARCEL**

Village of Roselle and State of Illinois the following described Real Estate, to wit: Part of the Northeast Quarter of Section Fourteen (14) Township Forty (40) North, Range Ten (10) East of the Third Principal Meridian, in DuPage County, Illinois

AND BEING a portion of the same property conveyed to Medinah Spring Valley Lake, Inc., an Illinois corporation from The Branigan Organization, Inc. by Warranty Deed dated July 20, 1961 and recorded May 22, 1962 in Instrument No. R62-15637

Tax Parcel No. 02-14-203-001

**TITLE REPORT REVIEW**

Title Report: Fidelity National Title Insurance Company  
 Commitment No. 28051142  
 Effective Date: October 10, 2018  
 Fee Simple Title Vested In: Medinah Spring Valley Lake, Inc., an Illinois corporation

**NOTE:** The Statement of Applicability refers to the Lease Site and any Easements pertinent thereto. Where Specific Encumbrances affect the Lease Site and/or a Pertinent Easement, they are identified as such.

**Schedule B-II**

- (1-7) These are general statements and not specific encumbrances
- (8) Matters as shown and noted on Plat recorded in Instrument No. 753819. The plat discloses a 20' wide drainage easement that applies to the parent parcel and is plotted and shown. Does not affect the Lease Area, Access and Utility Easement or 15 foot wide Utility Easement.
- (9) Grant of Temporary Easement in favor of The Forest Preserve District of DuPage County, Illinois, a body politic and corporate set forth in instrument recorded on 10/09/1987 in Instrument No. R87-148534. This easement expired in 1989, does not apply.

SURVEYED FOR

Edge Consulting Engineers, Inc.  
 624 Water Street  
 Prairie du Sac, WI 53578  
 608.664.1449 voice  
 608.664.1597 fax  
 www.edgeconeur.com

SURVEYED FOR

verticalbridge  
 750 PARK OF COMMERCE DRIVE  
 SUITE 200  
 BOCA RATON, FL 33487

**MERIDIAN**  
 SURVEYING, LLC

N9637 Friendship Drive Office: 920-993-6801  
 Kaukauna, WI 54130 Fax: 920-273-6037

**SITE NAME:**  
LAKEVIEW

**SITE NUMBER:**  
US-IL-5657

**SITE ADDRESS:**  
SPRING VALLEY DR,  
MEDINAH, IL 60157

**PROPERTY OWNER:**  
MEDINAH SPRING  
VALLEY LAKE INC  
PO BOX 564  
MEDINAH, IL 60157

**PARCEL NO.:** 02-14-203-001

**ZONED:** R

**SURVEY PLAT**  
FOR  
VB BTS II, LLC.

LOT 171 OF BRANIGAN'S MEDINAH  
SPRING VALLEY, LOCATED IN NW1/4 OF  
SECTION 14, 140N., R 10E., OF THE  
3rd P.M., DUPAGE COUNTY, ILLINOIS

| NO. | DATE     | DESCRIPTION                  | BY   |
|-----|----------|------------------------------|------|
| 10  | 2/28/23  | Revised Easement             | J.B. |
| 9   | 7/13/22  | Revised Easement             | J.B. |
| 8   | 12/14/21 | Added Existing Easement Info | J.B. |
| 7   | 9/30/21  | Added Benchmark Info         | J.B. |
| 6   | 2/25/21  | Added New FEMA Info          | J.B. |
| 5   | 12/16/18 | Added Text                   | J.B. |

|                           |                                  |
|---------------------------|----------------------------------|
| <b>DRAWN BY:</b> J.B.     | <b>FIELD WORK DATE:</b> 10-24-18 |
| <b>CHECKED BY:</b> C.A.K. | <b>FIELD BOOK:</b> M-49 PG 49    |
| <b>JOB NO.:</b> 10702     | <b>SHEET:</b> 3 OF 3             |







**LEGEND: (THIS SHEET)**

- EXISTING CONTOUR GRADES
- PROPOSED CONTOUR GRADES
- SPOT ELEVATIONS
- PROPOSED DRAINAGE PATH
- SALT FENCE
- EROSION MAT

Calculation Method  
 Prismatic  Grid Points

Calculation Options  
 Calculation: Object to Object  
 From Object: Existing Ground  
 To Object: Design

Use Quantity Depth  
 Use Range Range

Volume Calculations  
 Use Factors

Cut Volume: 47,308 CY  
 Fill Volume: 27,416 CY  
 Balance: 19,892 CY  
 Area: 824,032 SY

Output  
 Output To ASCII File  Create File

Boundary Selection  
 Use Boundary Place Select

Volumes By Region Regions

Volume Polygons  
 Display Only  
 Fill Volume Polygons

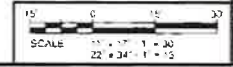
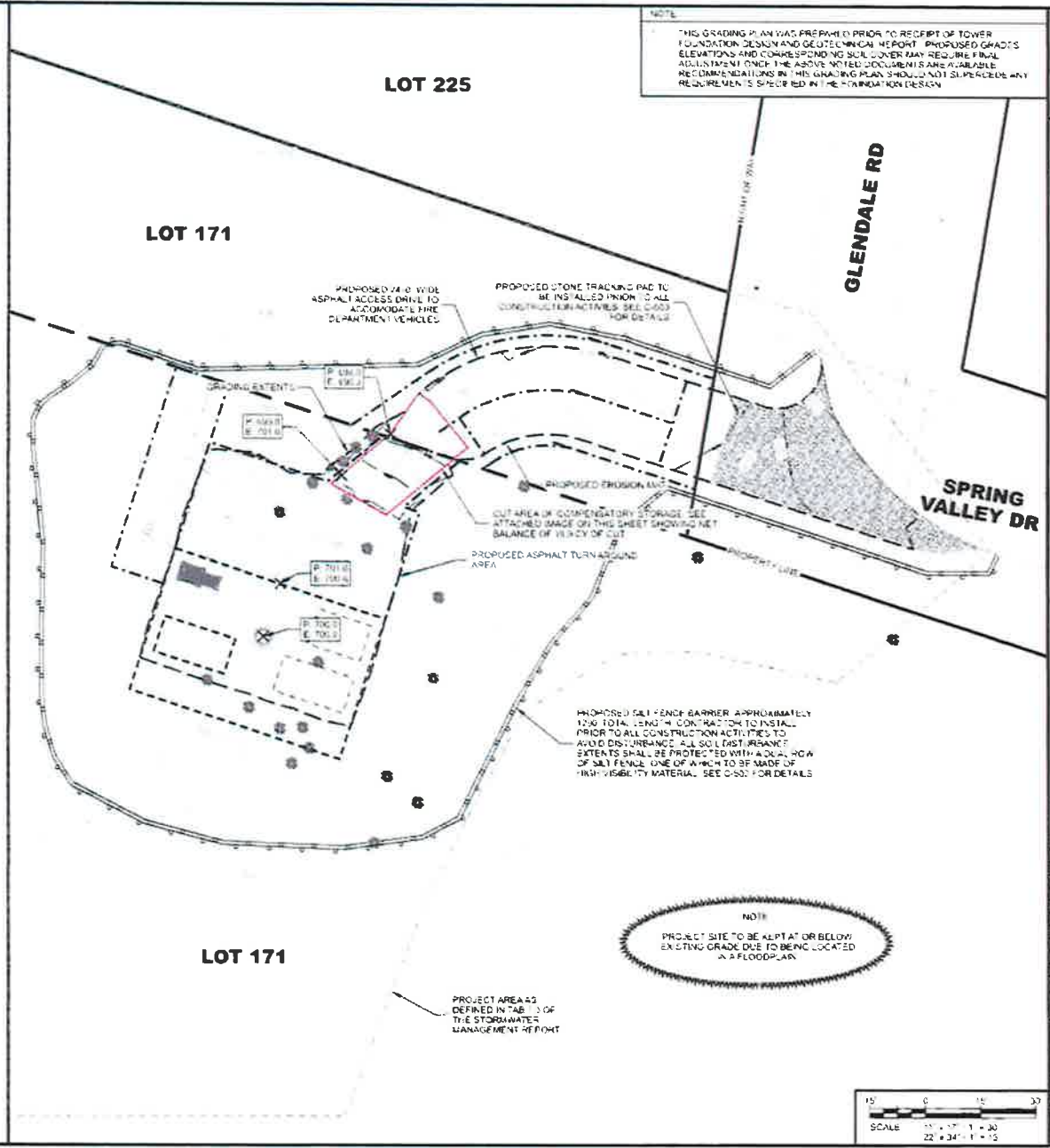
Process

**GRADING NOTES: (THIS SHEET)**

1. CONTOUR INTERVAL IS 1 FOOT
2. CONTRACTOR SHALL MATCH EXISTING GRADE (IE - AT GRADE) FOR ENTIRE SITE
3. CONTRACTOR SHALL FOLLOW ALL EROSION CONTROL MEASURES AS OUTLINED IN TAB 7 OF THE STORMWATER MANAGEMENT REPORT
4. ALL DISTURBED GRASS/Turf AREAS SHALL BE RESTORED WITH TOPSOIL, SEED AND MULCH (TOPSOIL TO BE 6 INCHES MINIMUM)
5. CONTRACTOR TO PERFORM MAINTENANCE AND INSPECTION OF EROSION CONTROL DEVICES AND EXPOSED GRADE THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL CONTINUE MAINTENANCE AND INSPECTION UNTIL FULL VEGETATION ESTABLISHMENT AND/OR PROJECT ACCEPTANCE
6. SWEEPING OF PAVEMENT SHALL BE DONE AS NEEDED TO CONTROL TRACKING SEDIMENTS
7. CONTRACTOR SHALL PROVIDE A DEWATERING SYSTEM PLAN FOR REVIEW IF ANY GROUNDWATER IS ENCOUNTERED EITHER PRIOR TO OR DURING CONSTRUCTION ACTIVITIES
8. NO LOCKPILES MAY BE LOCATED WITHIN THE FLOODPLAIN AREAS AND SHOULD BE HAULED OFF AT THE END OF EACH WORKDAY
9. ALL COMPENSATORY STORAGE SHOULD BE OPERATIONAL PRIOR TO PLACEMENT OF FILL STRUCTURES OR OTHER MATERIALS. ALL GRADING SHALL BE DONE IN A MANNER TO MAINTAIN EFFECTIVE FLOOD PLAIN STORAGE AT ALL TIMES.

LOT 225

LOT 171



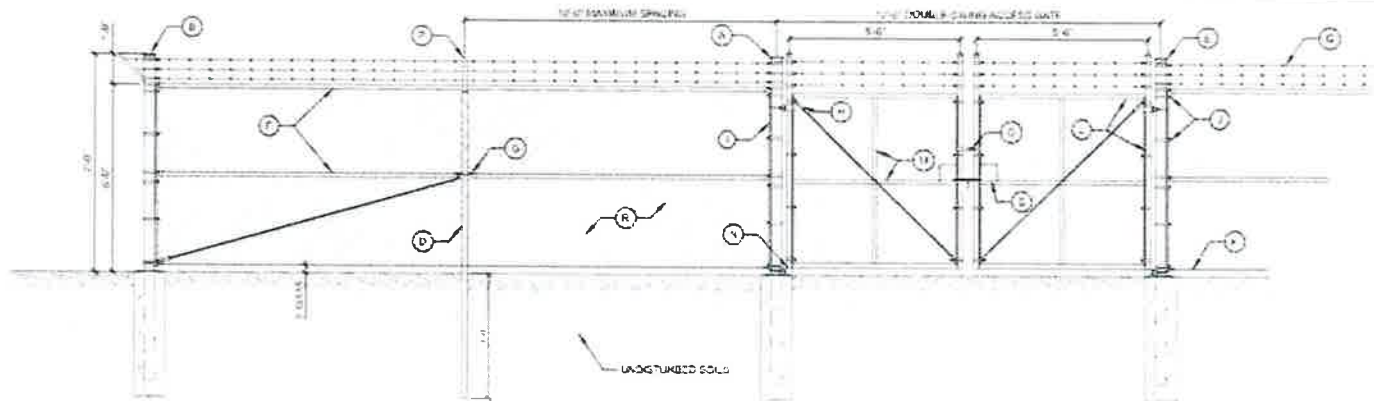
**Edge**  
 Consulting Engineers, Inc.

vertical

**EROSION CONTROL PLAN**  
 CH74348L (SPRING VALLEY DR - RL)  
 MEDINAH, ILLINOIS

|         |           |
|---------|-----------|
| DATE    | 1/26/2023 |
| PROJECT | 29553     |
| DATE    | 1/26/2023 |
| SCALE   | 1" = 30'  |
| PROJECT | 29553     |
| DATE    | 1/26/2023 |
| SCALE   | 1" = 30'  |
| PROJECT | 29553     |
| DATE    | 1/26/2023 |
| SCALE   | 1" = 30'  |
| PROJECT | 29553     |

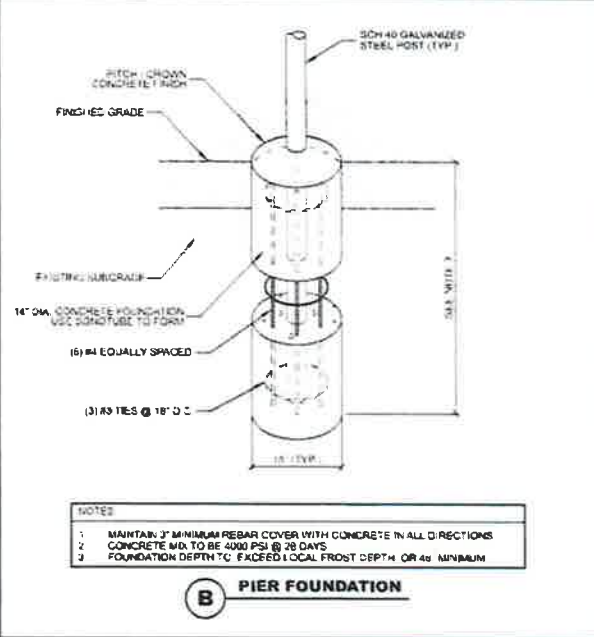
**C-103**



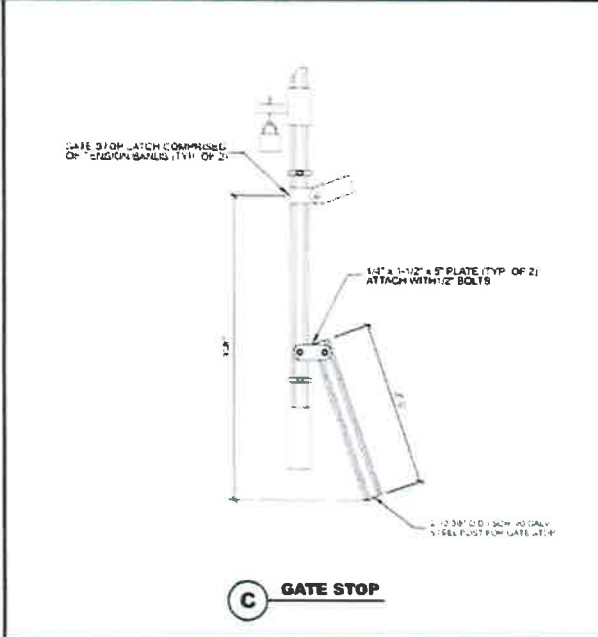
**REFERENCE NOTES: (THIS SHEET)**

- |   |   |  |
|---|---|--|
| <ul style="list-style-type: none"> <li>(A) 4" (1-1/2" O.D.) SCH 40 GALV. STEEL GATE POST</li> <li>(B) 4" (1-1/2" O.D.) SCH 40 GALV. STEEL CORNER POST</li> <li>(C) CONCRETE PIER FOUNDATION SEE DETAIL BELOW</li> <li>(D) 2" (2-3/8" O.D.) SCH 40 GALV. STEEL INTERMEDIARY LINE POSTS LINE POSTS SHALL BE EQUALLY SPACED AT MAXIMUM 10'-0" O.C</li> <li>(E) FENCE POST CAP (SIZE VARIES)</li> <li>(F) 1-1/4" (1.66" O.D.) TOP RAIL &amp; MID BRACE RAIL PIPE</li> </ul> | <ul style="list-style-type: none"> <li>(G) OFFSET BRACE RAIL ENDS FOR MID BRACE RAIL</li> <li>(H) 3/16" O.D. TRUSS ROD WITH TRUSS TIGHTENER ASSEMBLY</li> <li>(I) 3/16" x 3/4" STRETCHER BAR TO EXTEND FULL HEIGHT OF FENCE FABRIC</li> <li>(J) 3/4" TENSION BAND (TYP)</li> <li>(K) TENSION WIRE</li> <li>(L) 1-1/2" (1.87" O.D.) SCH 40 GALV. STEEL FENCE GATE FRAME</li> <li>(M) 1-1/4" (1.66" O.D.) SCH 40 GALV. STEEL HORIZONTAL AND VERTICAL GATE BRACES</li> </ul> | <ul style="list-style-type: none"> <li>(N) MALLEABLE BUTT HINGES (TYP)</li> <li>(O) GATE LATCH VERIFY REQUIREMENTS WITH FENCE MANUFACTURER</li> <li>(P) 45° BARB ARM FENCE POST CAP</li> <li>(Q) (3) STRANDS OF 4 PT. GALV. BARB WIRE</li> <li>(R) #9 GAUGE GALV. CHAIN LINK FENCE FABRIC WITH TWISTED TOP SELVAGE AND KNUCKLED BOTTOM SELVAGE</li> <li>(S) 6" x 6" HANDHOLE FOR CHAIN LOCK</li> </ul> |
|---|---|--|

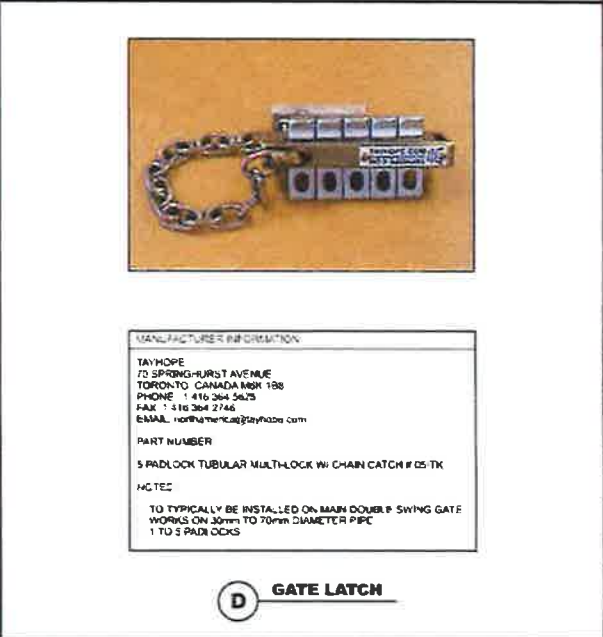
**(A) COMPOUND FENCE**



**(B) PIER FOUNDATION**



**(C) GATE STOP**



**(D) GATE LATCH**

**FENCE DETAILS**  
**CH74348L (SPRING VALLEY DR - RL)**  
**MEDINAH, ILLINOIS**

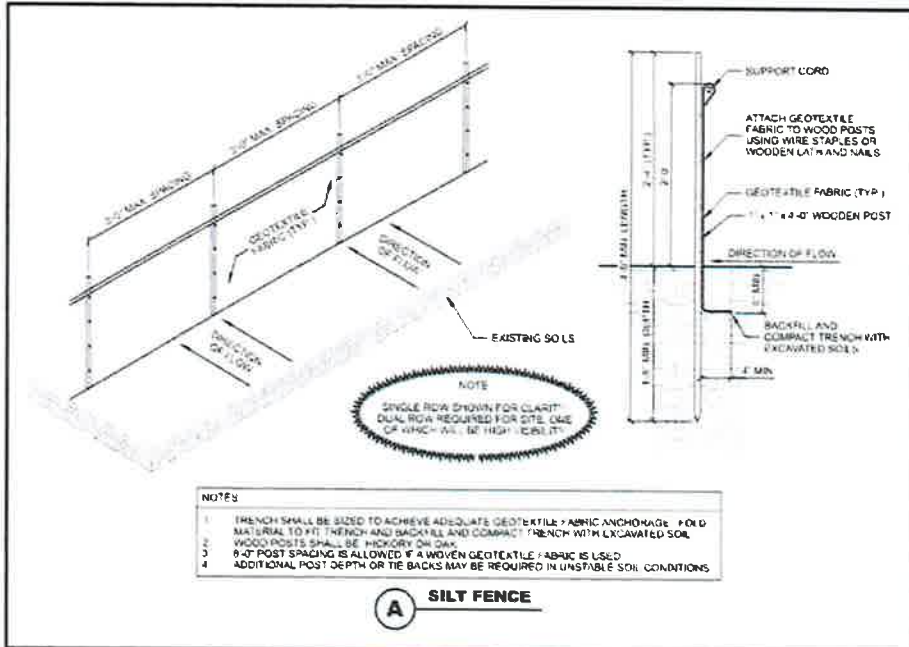
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| 1/24/2023 | KCB |     |     |
| DATE      | BY  | CHK | APP |
| 1/24/2023 |     |     |     |
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| DATE      | BY  | CHK | APP |
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PERMIT DWGS

**C-502**

1/24/2023 10:56:11 AM KCB

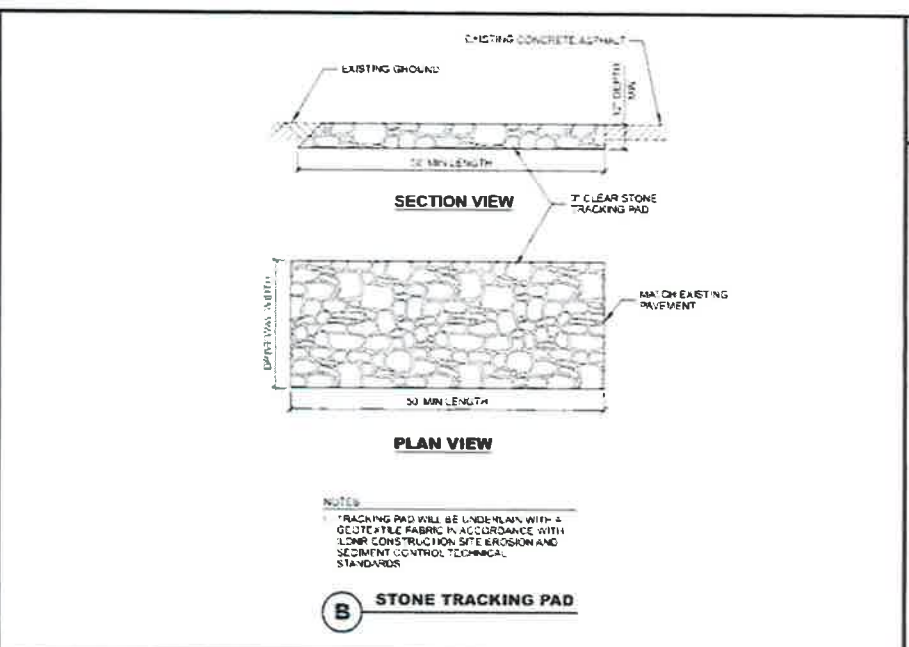




NOTE  
SINGLE ROW SHOWN FOR CLARITY  
DUAL ROW REQUIRED FOR SITE, ONE  
OF WHICH WILL BE HIGH DENSITY

- NOTES
1. TRENCH SHALL BE SIZED TO ACHIEVE ADEQUATE GEOTEXTILE FABRIC ANCHORAGE. FORD MATERIAL TO FIT THE TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
  2. WOOD POSTS SHALL BE HICKORY OR OAK.
  3. 6-FT POST SPACING IS ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.
  4. ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOIL CONDITIONS.

**(A) SILT FENCE**



- NOTES
1. TRACKING PAD WILL BE UNDERLAY WITH A GEOTEXTILE FABRIC IN ACCORDANCE WITH LOCAL CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS.

**(B) STONE TRACKING PAD**

NOTES

CONTRACTOR TO USE A TEMPORARY CONCRETE WASHOUT SYSTEM ON SITE, CULTRAY OR COMPARABLE ALL-WEATHER WASH-OUT TO BE USED.

4' x 4' x 12\"/>



**(C) TEMPORARY CONCRETE WASHOUT**

*THIS SPACE INTENTIONALLY LEFT BLANK*

**Edge**

vertical

**GRADING DETAILS**  
CH74346L (SPRING VALLEY DR - RL)  
MEDINAH, ILLINOIS

|      |    |     |     |
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| DATE | BY | CHK | APP |
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PROJECT NO: **C-503**

**LEGEND: (THIS SHEET)**

|  |   |
|--|---|
|  | 1) REDBUD<br>Flowering Crabapple<br>MIN PLANTING SIZE = 3.5' dia        |
|  | 2) NORTON BERRY<br>Flowering Crabapple<br>MIN PLANTING SIZE = 3.5' dia  |
|  | 3) REDBUD<br>Flowering Crabapple<br>MIN PLANTING SIZE = 3.5' dia        |
|  | 4) NORTON BERRY<br>Flowering Crabapple<br>MIN PLANTING SIZE = 3.5' dia  |
|  | 5) NORTON BERRY<br>Flowering Crabapple<br>MIN PLANTING SIZE = 3.5' dia  |
|  | 6) NORTON BERRY<br>Flowering Crabapple<br>MIN PLANTING SIZE = 3.5' dia  |
|  | 7) NORTON BERRY<br>Flowering Crabapple<br>MIN PLANTING SIZE = 3.5' dia  |
|  | 8) NORTON BERRY<br>Flowering Crabapple<br>MIN PLANTING SIZE = 3.5' dia  |
|  | 9) NORTON BERRY<br>Flowering Crabapple<br>MIN PLANTING SIZE = 3.5' dia  |
|  | 10) NORTON BERRY<br>Flowering Crabapple<br>MIN PLANTING SIZE = 3.5' dia |

**NOTES: (THIS SHEET)**

1. PLANT CONTAINER OR BALL-AND-SOCKET PLANTS IN SPRING OR FALL.
2. PLANT ON A BASIS OF 3" TO 6" TO BE PROTECTED BY A DRAINAGE MAT.
3. SOIL PROTECTION SHALL BE PROVIDED TO AVOID WEAR AND SOIL LOSS.
4. MAINTAIN DISTANCE TO EXISTING SITE UTILITIES. PLANTING MATERIAL AND PROPOSED CONSTRUCTION SHALL BE CONSIDERED IN CONJUNCTION WITH ALL UTILITIES. VERIFY WITH PLANNING DEPARTMENT FOR EXACT LOCATION OF UTILITIES. CONTACT UTILITIES FOR EXACT LOCATION OF UTILITIES. CONTACT UTILITIES FOR EXACT LOCATION OF UTILITIES.
5. PLANTING MATERIAL SHALL BE PROVIDED TO AVOID WEAR AND SOIL LOSS.
6. PLANTING MATERIAL SHALL BE PROVIDED TO AVOID WEAR AND SOIL LOSS.
7. PLANTING MATERIAL SHALL BE PROVIDED TO AVOID WEAR AND SOIL LOSS.
8. PLANTING MATERIAL SHALL BE PROVIDED TO AVOID WEAR AND SOIL LOSS.
9. PLANTING MATERIAL SHALL BE PROVIDED TO AVOID WEAR AND SOIL LOSS.
10. PLANTING MATERIAL SHALL BE PROVIDED TO AVOID WEAR AND SOIL LOSS.



**NOTE:**  
 ALL PLANTING MATERIAL SHALL BE PROVIDED TO AVOID WEAR AND SOIL LOSS.  
 PLANTING MATERIAL SHALL BE PROVIDED TO AVOID WEAR AND SOIL LOSS.  
 PLANTING MATERIAL SHALL BE PROVIDED TO AVOID WEAR AND SOIL LOSS.  
 PLANTING MATERIAL SHALL BE PROVIDED TO AVOID WEAR AND SOIL LOSS.



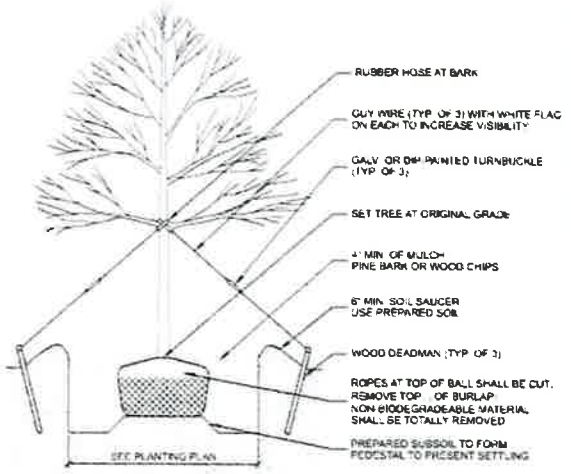
**LANDSCAPE PLAN  
 US-IL-8657 LAKE VIEW  
 MEDINAH, IL**

**Edge**  
 Landscape Architecture  
 1000 N. Wacker Drive, Suite 1000  
 Chicago, IL 60606  
 Phone: (312) 329-1100  
 Fax: (312) 329-1101  
 www.edge-la.com

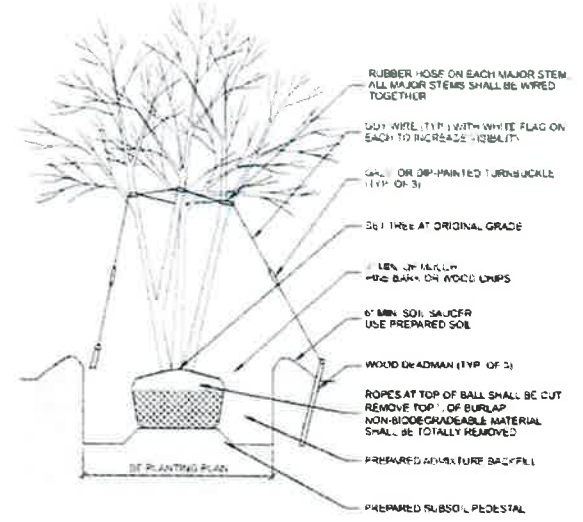
**Vertical**  
 1000 N. Wacker Drive, Suite 1000  
 Chicago, IL 60606  
 Phone: (312) 329-1100  
 Fax: (312) 329-1101  
 www.vertical.com

| NO. | DATE       | DESCRIPTION       |
|-----|------------|-------------------|
| 1   | 08/15/2018 | ISSUED FOR PERMIT |
| 2   | 08/15/2018 | ISSUED FOR PERMIT |
| 3   | 08/15/2018 | ISSUED FOR PERMIT |
| 4   | 08/15/2018 | ISSUED FOR PERMIT |
| 5   | 08/15/2018 | ISSUED FOR PERMIT |
| 6   | 08/15/2018 | ISSUED FOR PERMIT |
| 7   | 08/15/2018 | ISSUED FOR PERMIT |
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| 10  | 08/15/2018 | ISSUED FOR PERMIT |

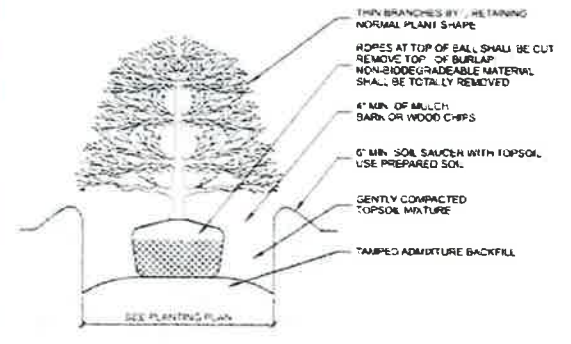
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 CHECKED: **Vertical**  
 DATE: 08/15/2018  
 PROJECT: US-IL-8657 LAKE VIEW  
 SHEET: L-101



**A** **DECIDUOUS TREE PLANTING**



**B** **MULTI-STEM TREE PLANTING**



**C** **SHRUB PLANTING: BALL AND BURLAP**



**LANDSCAPE DETAILS**  
US-IL-5657 LAKE VIEW  
MEDINAH, IL

|            |              |
|------------|--------------|
| DATE       |              |
| BY         |              |
| CHECKED BY |              |
| DATE       |              |
| PROJECT    | KCB          |
| DATE       |              |
| DRAWN BY   | JSSD         |
| DATE       |              |
| PROJECT    | PERMIT DWGS  |
| DATE       |              |
| DRAWN BY   | <b>L-501</b> |

L-501 (REV. 04/14)

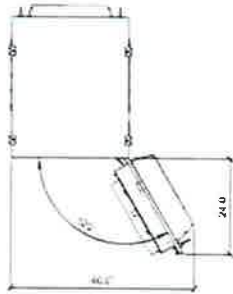
MANUFACTURER DELTA  
 MODEL HP-LARGE 2 POWER CABINET  
 DIMENSIONS: 72" x 30" x 41" (H x W x D)  
 WEIGHT: 941 LBS (WITHOUT EQUIPMENT OR BATTERIES)

ORDERING INFORMATION:  
 CABINET  
 ES06000-H001 (HP-LARGE 2 600A POWER CABINET)

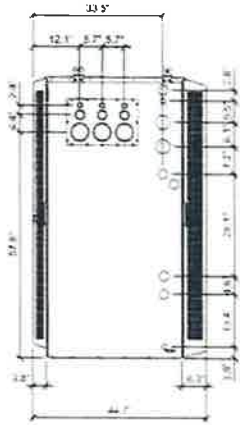
RECHTER  
 FOR-4500-D4 (42V/50A 2000W 50.4V 20A COMB)

CONTROLLER (SPARE)  
 TRS10200225N1T (OPTION TOUCH CONTROLLER)

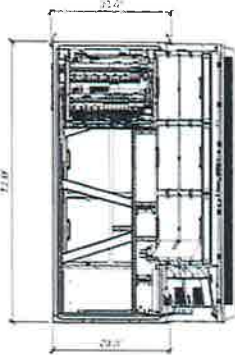
4" FLUTER  
 370037-001H000-0



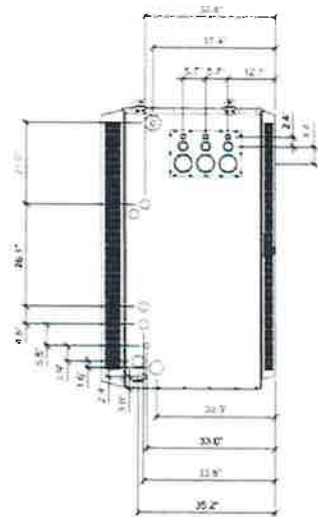
PLAN VIEW



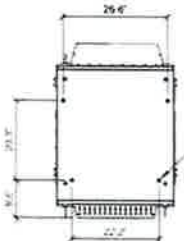
LEFT VIEW



FRONT VIEW



RIGHT VIEW



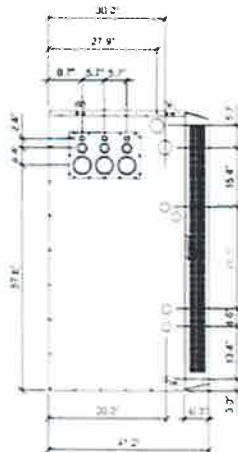
BOTTOM VIEW

**A** EQUIPMENT CABINET  
 SCALE: 11" x 17" - 3/8" = 1'-0"  
 22" x 34" - 3/4" = 1'-0"

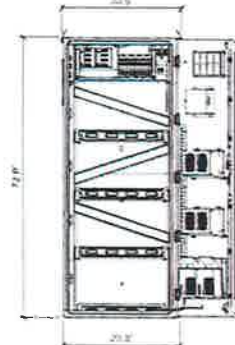
MANUFACTURER DELTA  
 MODEL LARGES-BATTERY CABINET  
 DIMENSIONS: 72" x 30" x 41" (H x W x D)  
 WEIGHT: 140 LBS (WITHOUT BATTERIES)

ORDERING INFORMATION:  
 CABINET  
 ES06075-EC100 (LARGE 2 POWER CABINET)

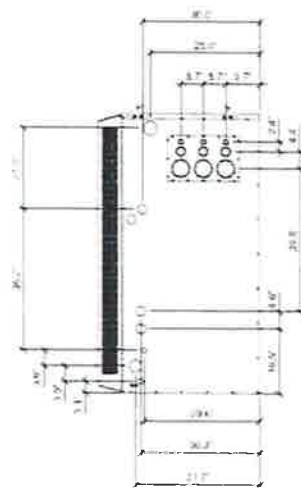
4" FLUTER  
 37002210210000-0



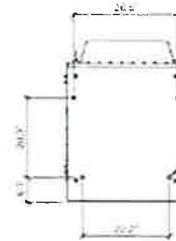
LEFT VIEW



FRONT VIEW



RIGHT VIEW



BOTTOM VIEW

**B** BATTERY BACKUP SYSTEM  
 SCALE: 11" x 17" - 3/8" = 1'-0"  
 22" x 34" - 3/4" = 1'-0"

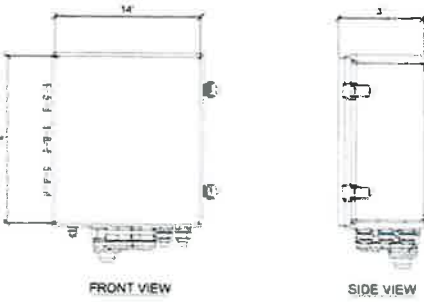
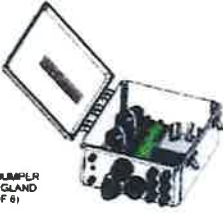
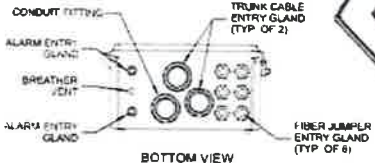


**EQUIPMENT CABINET SPECIFICATIONS**  
 CH74346L (SPRING VALLEY DR - RL)  
 MEDINAH, ILLINOIS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
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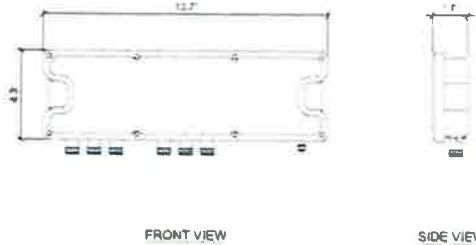
|              |             |
|--------------|-------------|
| PROJECT NO.  | KCB         |
| DATE         | 1-24-2023   |
| PROJECT NAME | 20553       |
| PERMIT DWGS  | PERMIT DWGS |
| SCALE        | A-001       |

MANUFACTURER: RAYCAP  
 MODEL: RAYCOV-000000000000  
 DIMENSIONS: 12" x 14" x 3" (H x W x D)



**A** RAYCAP OVER VOLTAGE PROTECTION (COVP)

MANUFACTURER: ALPHA  
 MODEL: AT2551A (FSEE)  
 DIMENSIONS: 1.7" x 13.7" x 4.3" (H x W x D)  
 WEIGHT: 1.1 LBS



**B** FLEXI SYSTEM EXTERNAL ALARM (FSEE)

OPTION A - NOKIA FMAB



OPTION B - NOKIA FMPIA



OPTION C - NOKIA FMMA



**C** FLEXI SYSTEM EXTERNAL ALARM (FSEE) MOUNTING

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**GROUND EQUIPMENT SPECIFICATIONS**  
 CH74348L (SPRING VALLEY DR - RL)  
 MEDINAH, ILLINOIS

|           |              |
|-----------|--------------|
| DATE:     | 1/24/2023    |
| PROJECT:  | PERMIT DWGS  |
| SCALE:    | AS SHOWN     |
| REVISION: |              |
| NO.       | DESCRIPTION  |
| 1         | KCB          |
| DATE      | 1/24/2023    |
| PROJECT   | 20253        |
| TYPE      | PERMIT DWGS  |
| SHEET     | <b>A-002</b> |

**GENERAL NOTES**

1. THIS PLAN CONTAINS SEE, SHOW, AND DATA NOTES.

2. THIS PLAN IS TO BE REVIEWED PRIOR TO INSTALLATION.

3. ALL NOTES TO BE REVIEWED PRIOR TO INSTALLATION.

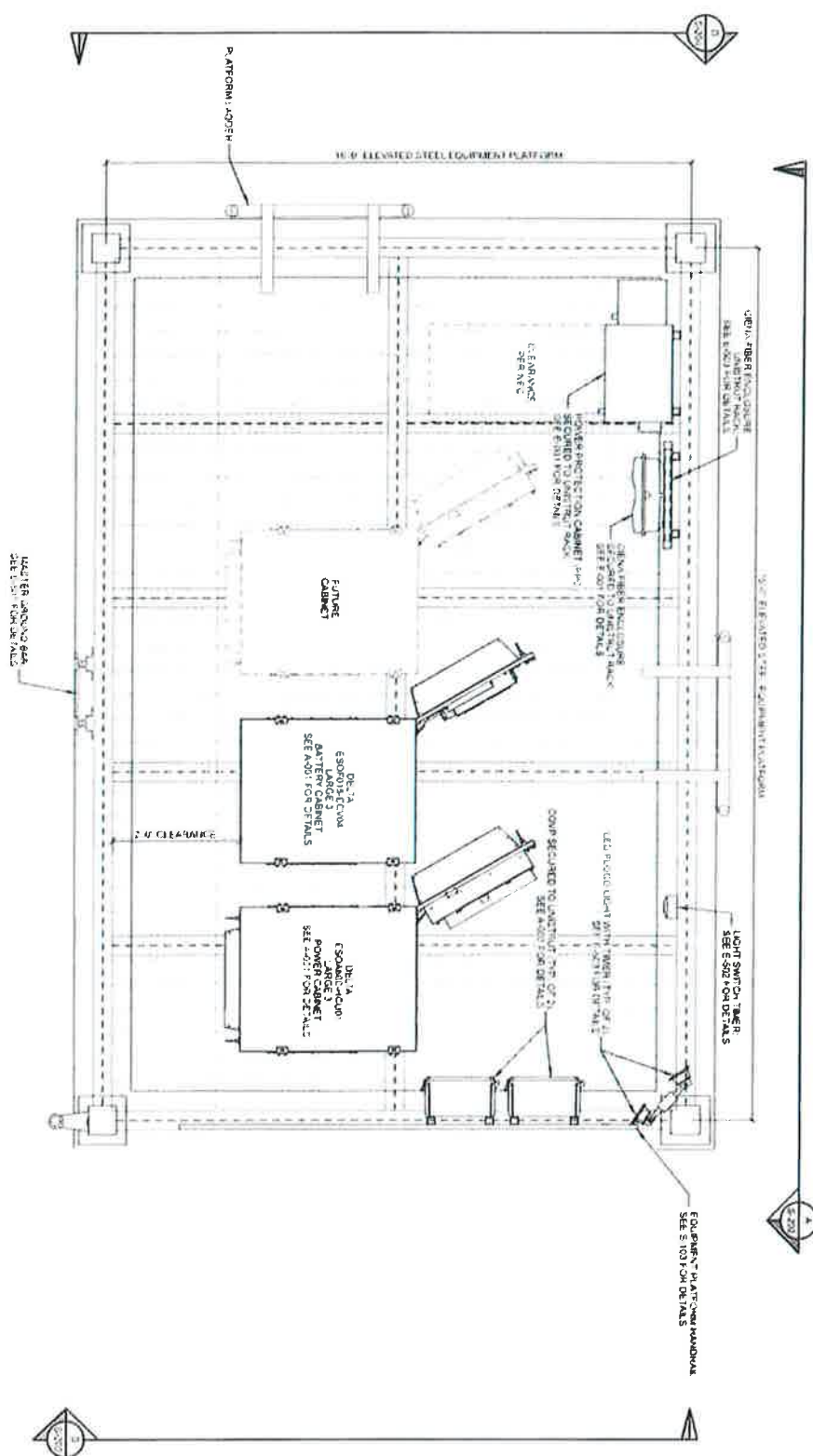
4. THIS PLAN IS TO BE USED AS A GUIDE TO CHANGES AS POSSIBLE.

5. THIS PLAN IS TO BE REVIEWED THROUGH THE COVER INTO CONDUIT.

6. SEE SPACERS FOR STRUCTURAL DESIGN AND DETAILS.

**POWER CABINET NOTE**

1. THIS CABINET IS TO BE A 48" X 18" X 36" CABINET TO BE LOCATED ABOVE THE PHS MAIN TOWER MANUFACTURER'S POWERPLUS 100-110.



**EQUIPMENT PLATFORM LAYOUT**

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

**Edge**

Contracting Engineers, Inc.

1201 E. 12TH AVENUE  
 SUITE 200  
 DENVER, CO 80202  
 303.733.7100  
 www.edgece.com

**Vertical**

Vertical Engineering, Inc.

1201 E. 12TH AVENUE  
 SUITE 200  
 DENVER, CO 80202  
 303.733.7100  
 www.verticaleng.com

**EQUIPMENT PLATFORM PLAN**  
 CH74346L (SPRING VALLEY DR - RL)  
 MEDINAH, ILLINOIS

|             |                   |            |            |
|-------------|-------------------|------------|------------|
| PROJECT NO. | CH74346L          | DATE       | 10/15/2024 |
| CLIENT      | CH74346L          | DRAWN BY   | KCB        |
| REVISION    |                   | CHECKED BY |            |
| 1           | ISSUED FOR PERMIT | DATE       | 10/15/2024 |
| 2           |                   | DATE       |            |
| 3           |                   | DATE       |            |
| 4           |                   | DATE       |            |
| 5           |                   | DATE       |            |
| 6           |                   | DATE       |            |
| 7           |                   | DATE       |            |
| 8           |                   | DATE       |            |
| 9           |                   | DATE       |            |
| 10          |                   | DATE       |            |

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

**A-101**

# FFHH-65C-R3

|                            |               |
|----------------------------|---------------|
| Antenna Type               | Active        |
| Band                       | Sub-6GHz      |
| Performance Note           | Sub-6GHz only |
| Total Input Power, maximum | 320 W (320 W) |

## Mechanical Specifications

|                                  |   |
|----------------------------------|---|
| RF Connector Quantity, total     | 4   |
| RF Connector Quantity, low band  | 4   |
| RF Connector Quantity, high band | 4   |
| RF Connector Interface           | 4 x SFP28 (QSFP)  |
| Color                            | Black   |
| Grounding Type                   | RF connector, 100% coverage on 100% of antenna terminals and mounting bracket |
| Radiator Material                | Aluminum (100% coverage)  |
| Radome Material                  | None  |
| Reflector Material               | Aluminum  |
| RF Connector Location            | Bottom  |
| Wind Loading, frontal            | 1000 Pa (20.7 lbf/ft²)<br>1000 Pa (20.7 lbf/ft²)<br>1000 Pa (20.7 lbf/ft²)    |
| Wind Loading, lateral            | 1000 Pa (20.7 lbf/ft²)<br>1000 Pa (20.7 lbf/ft²)<br>1000 Pa (20.7 lbf/ft²)    |
| Wind Loading, maximum            | 1000 Pa (20.7 lbf/ft²)<br>1000 Pa (20.7 lbf/ft²)<br>1000 Pa (20.7 lbf/ft²)    |
| Wind Speed, maximum              | 1000 Pa (20.7 lbf/ft²)<br>1000 Pa (20.7 lbf/ft²)<br>1000 Pa (20.7 lbf/ft²)    |

## Dimensions

|                                  |                   |
|----------------------------------|-------------------|
| Length                           | 382 mm (15.04 in) |
| Width                            | 215 mm (8.47 in)  |
| Depth                            | 25.4 mm (1.0 in)  |
| Net Weight, without mounting kit | 108.0 g (3.79 oz) |

## Remote Electrical Tilt (RET) Information

|   |                        |
|---|------------------------|
| Input Voltage                                 | 12 V DC                |
| Internal RET                                  | Yes (0° to 15° down)   |
| Power Consumption, idle state, maximum        | 1 W                    |
| Power Consumption, normal conditions, maximum | 1 W                    |
| Protocol                                      | 3GPP R15 (3GPP R15)    |
| RET Interface                                 | SFP28 (QSFP) 10GBase-R |
| RET Interface, quantity                       | 4                      |

## PRODUCT DESCRIPTION

|                              |   |
|------------------------------|---|
| Band                         | B41 – 2496-2690 MHz   |
| Supported Modulation schemes | (DL) BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM<br>(UL) BPSK, QPSK, 16 QAM, 64 QAM                       |
| No. of TX/RX                 | 64TX/64RX   |
| MIMO Streams                 | 16  |
| Instantaneous BW             | 194 MHz   |
| Occupied Bandwidth OBW       | 190 MHz   |
| Total Avg EIRP               | 74.8 dBm  |
| Supported bandwidths         | LTE: 3x20 MHz<br>5G: 40/60/80/100MHz  |
| Output Power                 | 5 W / TRX (320 W total, 2 W/MHz up to 160 MHz)  |
| Power Consumption            | ≤1330 W typical (75% DL duty cycle, 30% RF load)<br>≤1827 W max (75% DL duty cycle, 100% RF load) |
| Optical Ports                | 4 x SFP28 (QSFP), 25 Gbps, eCPR   |
| Connector Type               | APPG DC Pole connector  |
| Dimensions (H x W x D)       | 38.2 in x 21.5 in x 5.9 in  |
| Weight lbs                   | 108.0 lb  |
| HW/SW Availability           | SRAN20C/5G20B   |
| 5G NR Support                | Yes   |
| Material Description         | Nokia AirScale MAA 64T64R 192AE B41 320W AEHC   |



AEHC 475124A



**ANTENNA SPECIFICATIONS**  
 CH74346L (SPRING VALLEY DR - RL)  
 MEDINAH, ILLINOIS

|      |  |
|------|--|
| DATE |  |
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|      |              |
|------|--------------|
| REV  | KCB          |
| DATE | 1/24/2023    |
| REV  | 20653        |
| REV  | PERMIT DWG/C |
| REV  | <b>T-001</b> |

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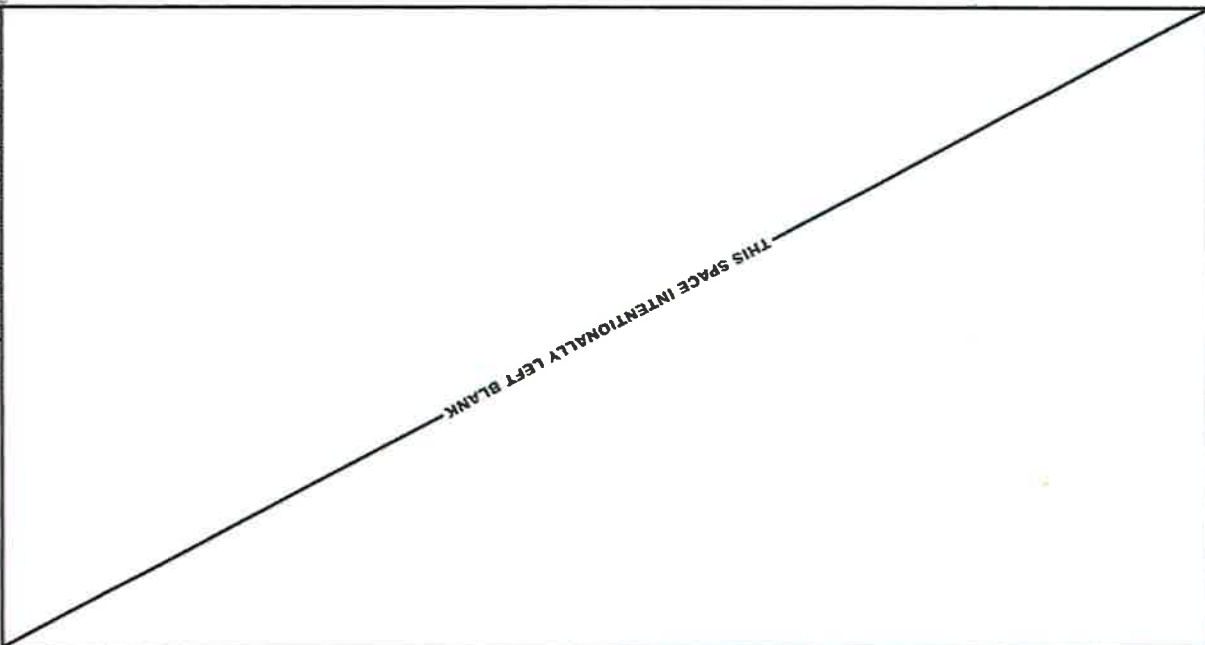
**A** ANTENNA SPECIFICATION (LTE/600 & GSM/PCS)

**B** ANTENNA SPECIFICATION (LTE AWS+PCS)

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|     |           |              |
|-----|-----------|--------------|
| REV | DATE      | DESCRIPTION  |
| 1   | 1/22/2025 | REVISED      |
| 2   | 2/20/25   | PERMITS DWGS |
| 3   | 2/20/25   | T-002        |


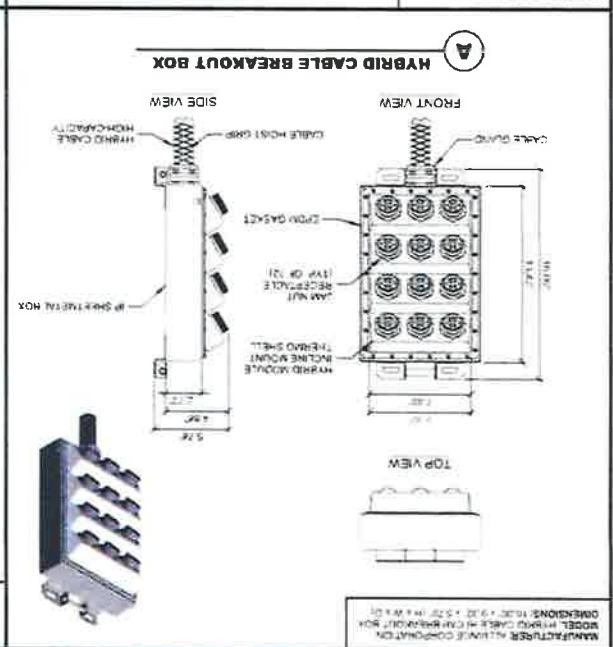
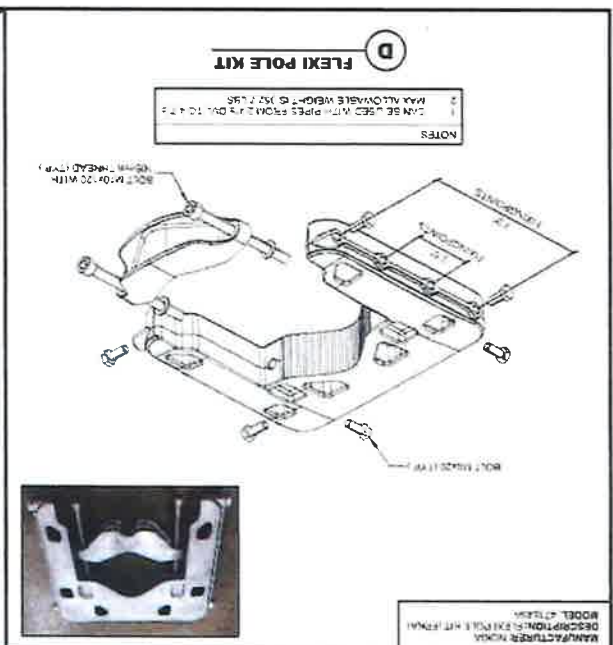
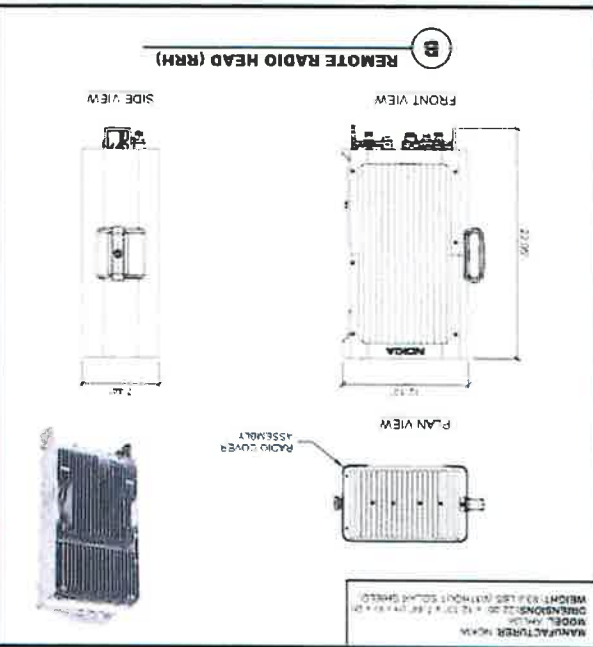
**EQUIPMENT SPECIFICATIONS**  
 CH74348L (SPRING VALLEY DR. - RI)  
 MEDINAH, ILLINOIS



**C**

**REMOTE RADIO HEAD (RRH)**

|                                  |  |
|----------------------------------|--|
| <b>Band</b>                      | 805 - 866  |
| <b>Instantaneous BW (Hz)</b>     | 55MHz on Band 23; 80MHz on Band 56                           |
| <b>Supported Modulation</b>      | up to 64QAM (RU) and up to 256QAM (RL)                       |
| <b>Supported bandwidths</b>      | 111 - 1.4, 3.0, 10, 20 MHz                                   |
| <b>No. of ports</b>              | 4x48   |
| <b>Output Power</b>              | 80 W for Band 25 and 60 W for Band 66 (Total Power in 48MHz) |
| <b>DC connector</b>              | Terminal block   |
| <b>Optical Fiber</b>             | 2 x 9 BGDP, CPM, 1xCT in 1x4                                 |
| <b>RF Connector</b>              | 3-10"  |
| <b>ATIS</b>                      | ATIS on all ports, DC on ANT1 and ANT2                       |
| <b>Dimensions (H x W x D) in</b> | 27.3 x 12.1 x 5.7  |
| <b>Weight lbs</b>                | 70.5 without cover   |
| <b>HW/SW Availability</b>        | Manufacturer - 3ANV10A                                       |
| <b>5G NR Support</b>             | Yes  |
| <b>4G LTE Support</b>            | Yes in Band Guardband Standalone                             |



8' LIGHTNING ROD ON TOP OF TOWER. MAX APPURTENANCE NOT TO EXCEED 77'-0" AG.

CL OF PROPOSED T-MOBILE PANEL ANTENNAS AND EQUIPMENT @ 82' 0" ABOVE T.O.C.

16" TO ENSURE 1" MIN. G-SET BETWEEN ANTENNA RAD CENTER TO PLATFORM DECK DOES NOT EXCEED 6"

FUTURE CARRIER PANEL ANTENNAS

PROPOSED 60' MONOPOLE  
TOP OF STEEL @ 65'-0"  
TOP OF MONOPOLE SHROUD @ 79'-0"

PROPOSED ELEVATED T-MOBILE EQUIPMENT PLATFORM

PROPOSED 7'-0" TALL BARBED WIRE FENCED COMPOUND, 5'-0" OF CHAIN-LINK FENCE W/ 1'-0" OF BARBED WIRE

TOP OF PROPOSED T-MOBILE PANEL ANTENNAS @ 82'-0" AG.

TOP OF PROPOSED TOWER SITE @ 85'-0" ABOVE T.O.C.

CL OF PROPOSED T-MOBILE PANEL ANTENNAS @ 82'-0" ABOVE T.O.C.

- NOTES
- 1 CONTRACTOR TO VERIFY HEIGHT AND DIRECTION OF ANTENNAS WITH PROJECT MANAGER
  - 2 CONTRACTOR TO VERIFY LIGHTNING ROD EXTENDS 2' MIN ABOVE ALL ANTENNAS & EQUIPMENT

**A** **SITE ELEVATION**  
SCALE 1/2" = 10'-0"  
22" x 34" - 11" x 8'-0"



vertical

**SITE ELEVATION**  
CH174346L (BPRING VALLEY DR. - RL)  
MEDINAH, ILLINOIS

|             |              |
|-------------|--------------|
| PROJECT NO. | 20553        |
| DATE        | 1/26/2022    |
| PROJECT     | 20553        |
| DATE        | PERMIT DWGS  |
| PROJECT     | <b>T-201</b> |



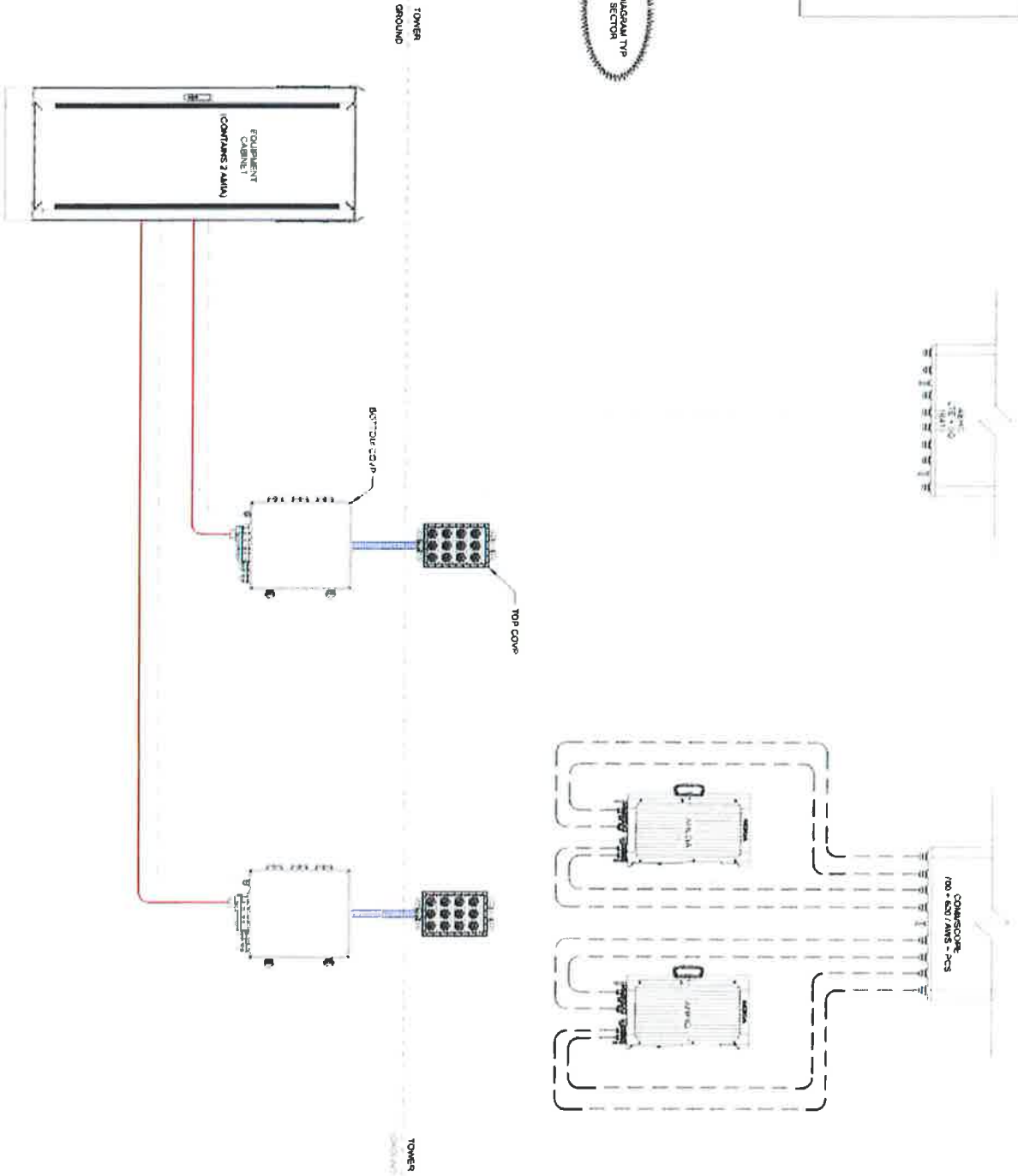




**CABLE LEGEND**

- HYBRID CABLE
- HYBRID JUMPER
- POWER CABLE
- ALIBY CABLE
- RET CABLE NG
- RF CABLE NG

CABLE DIAGRAM TYP PER SECTOR



**A** TYP. PLUMBING DIAGRAM

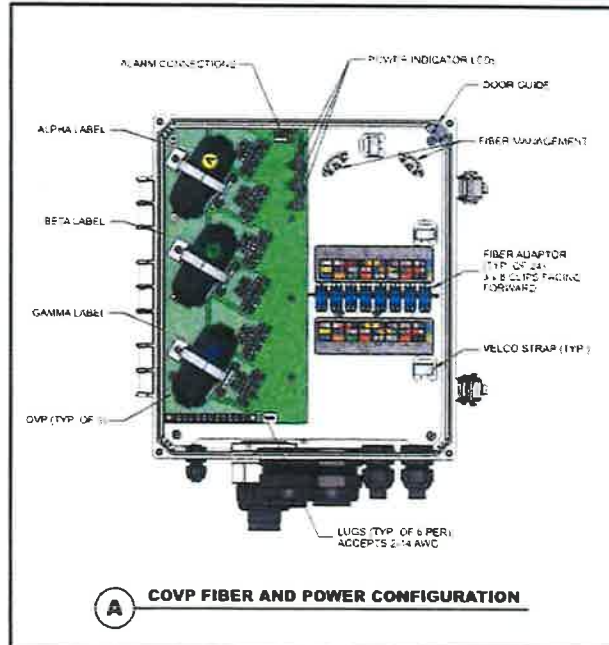
**PLUMBING DIAGRAM**  
 CH74346L (SPRING VALLEY DR - RL)  
 MEDINAH, ILLINOIS



**Vertical**  
 Vertical In Motion  
 Vertical In Motion  
 Vertical In Motion

|     |                   |          |             |
|-----|-------------------|----------|-------------|
| NO. | DESCRIPTION       | DATE     | BY          |
| 1   | ISSUED FOR PERMIT | 08/11/11 | PERMIT DWGS |
| 2   | REVISED           |          |             |
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| 100 | REVISED           |          |             |

**T-503**



**A COVP FIBER AND POWER CONFIGURATION**

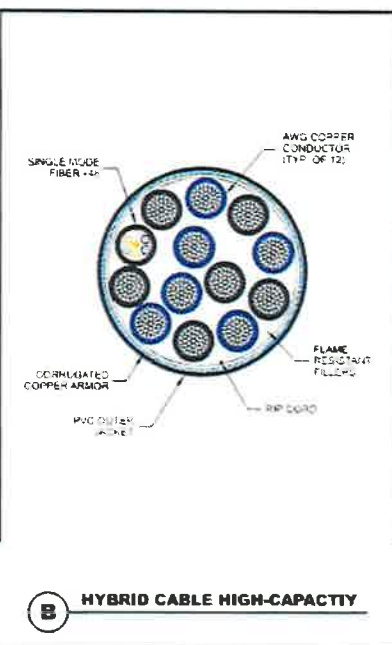
**MANUFACTURER:** A LANGE CORPORATION  
**MODEL:** AH4480D TRIMM HYBRID CABLE  
 HIGH-CAPACITY WITH 48 AWC CONDUCTORS

**MECHANICAL:**  
 JACKET COLOR: BLACK  
 OUTER DIAMETER (IN): 1.5  
 MIN. BEND RADIUS (IN) - MULTIPLE BENDS, LOADED: 30  
 MIN. BEND RADIUS (IN) - MULTIPLE BENDS, UNLOADED: 18  
 MIN. BEND RADIUS (IN) - SINGLE BEND, UNLOADED: 12.5  
 MIN. BEND RADIUS (IN) - FURCATION: 7.5  
 JACKET: CORRUGATED COPPER  
 WEIGHT (LBS/FT): 1.40  
 COMPRESSION (LBS/IN): 250  
 TENSILE LOAD (SHORT TERM LBS): 150  
 TENSILE LOAD (SHORT TERM LBS): 100

**ELECTRICAL:**  
 CONDUCTOR MATERIAL: COPPER  
 CONDUCTOR CONSTRUCTION: STRAND  
 CONDUCTOR COLOR: BLUE/BLACK  
 RESISTIVITY (MG AT 20°C): 10.37  
 CONDUCTORS QUANTITY: 12  
 CONDUCTOR SIZE (AWG): 12  
 CON SHIELD: 2  
 UL RATING: UL 1004-4H

**OPTICAL:**  
 FIBER TYPE: SINGLE MODE (RIBBON)  
 FIBERS QUANTITY: 48  
 ATTENUATION (dB/KM): MAX. 1550/1285-1333 NM: 0.5  
 DISPERSION (PS/NM): 1550/1285-1333 NM: 18.0/2.5/4  
 RETURN LOSS (dB): >50  
 INSERTION LOSS (dB) POST ENVIRONMENTAL: REDUCTION + 0.45  
 RETURN LOSS (dB) POST ENVIRONMENTAL: REDUCTION + 0  
 CUTOFF WAVELENGTH (NM): 1260  
 RIBBON TERMINATION: (C RIBBON STRAIGHT)

**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE (°F): -40 TO +162  
 STORAGE TEMPERATURE (°F): -40 TO +162  
 THERMAL CYCLE: EC 60008-2-4  
 VIBRATION: EC 60068-2-44  
 IMPACT (FT LB): 4.4 NM PER 1026MM



**B HYBRID CABLE HIGH-CAPACITY**

**MANUFACTURER:** A LANGE CORPORATION  
**MODEL:** AH4480D TRIMM HYBRID CABLE  
 HIGH-CAPACITY WITH 48 AWC CONDUCTORS

**MECHANICAL:**  
 JACKET COLOR: BLACK  
 OUTER DIAMETER (IN): 1.49  
 MIN. BEND RADIUS (IN) - MULTIPLE BENDS, LOADED: 29.2  
 MIN. BEND RADIUS (IN) - MULTIPLE BENDS, UNLOADED: 17.6  
 MIN. BEND RADIUS (IN) - SINGLE BEND, UNLOADED: 12.2  
 MIN. BEND RADIUS (IN) - FURCATION: 7.2  
 JACKET: CORRUGATED COPPER  
 WEIGHT (LBS/FT): 1.41  
 COMPRESSION (LBS/IN): 250  
 TENSILE LOAD (SHORT TERM LBS): 150  
 TENSILE LOAD (SHORT TERM LBS): 100

**ELECTRICAL:**  
 CONDUCTOR MATERIAL: COPPER  
 CONDUCTOR CONSTRUCTION: STRAND  
 CONDUCTOR COLOR: BLUE/BLACK  
 RESISTIVITY (MG AT 20°C): 10.37  
 CONDUCTORS QUANTITY: 12  
 CONDUCTOR SIZE (AWG): 12  
 CON SHIELD: 2  
 UL RATING: UL 1004-4H

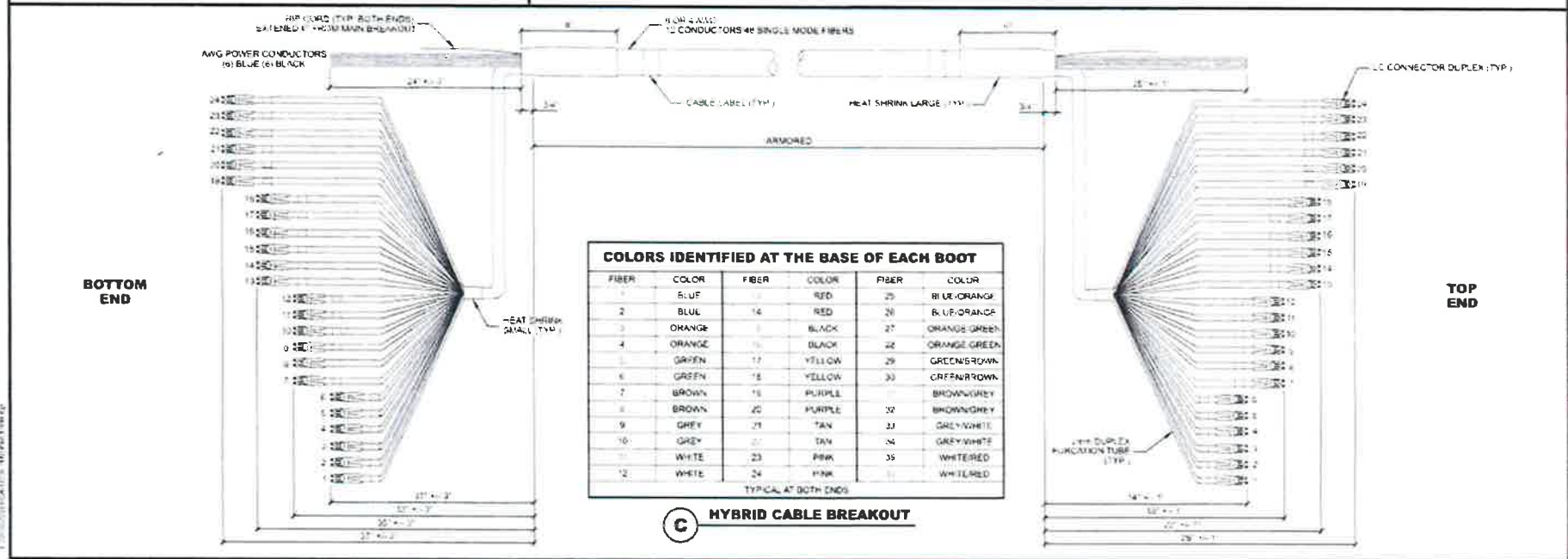
**OPTICAL:**  
 FIBER TYPE: SINGLE MODE (RIBBON)  
 FIBERS QUANTITY: 48  
 ATTENUATION (dB/KM): MAX. 1550/1285-1333 NM: 0.5  
 DISPERSION (PS/NM): 1550/1285-1333 NM: 18.0/2.5/4  
 RETURN LOSS (dB): >50  
 INSERTION LOSS (dB) POST ENVIRONMENTAL: REDUCTION + 0.50  
 RETURN LOSS (dB) POST ENVIRONMENTAL: REDUCTION + 0  
 CUTOFF WAVELENGTH (NM): 1260  
 RIBBON TERMINATION: (C RIBBON STRAIGHT)

**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE (°F): -40 TO +162  
 STORAGE TEMPERATURE (°F): -40 TO +162  
 THERMAL CYCLE: EC 60008-2-4  
 VIBRATION: EC 60068-2-44  
 IMPACT (FT LB): 4.4 NM PER 1026MM

**Edge**  
 Cabling Systems, Inc.  
 1000 N. W. 10th St.  
 Ft. Lauderdale, FL 33304  
 (954) 575-1000  
 www.edgecabling.com

vertical

CH74346L (SPRING VALLEY DR - RL)  
 MEDINAH, ILLINOIS



**COLORS IDENTIFIED AT THE BASE OF EACH BOOT**

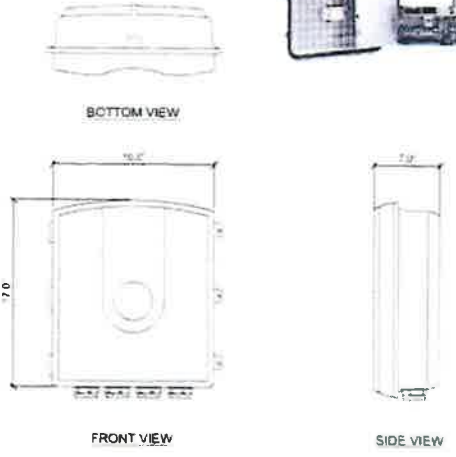
| FIBER | COLOR  | FIBER | COLOR  | FIBER | COLOR        |
|-------|--------|-------|--------|-------|--------------|
| 1     | BLUE   | 13    | RED    | 25    | BI-UR-ORANGE |
| 2     | BLUE   | 14    | RED    | 26    | BI-UR-ORANGE |
| 3     | ORANGE | 15    | BLACK  | 27    | ORANGE-GREEN |
| 4     | ORANGE | 16    | BLACK  | 28    | ORANGE-GREEN |
| 5     | GREEN  | 17    | YELLOW | 29    | GREEN/BROWN  |
| 6     | GREEN  | 18    | YELLOW | 30    | GREEN/BROWN  |
| 7     | BROWN  | 19    | PURPLE | 31    | BROWN/GRAY   |
| 8     | BROWN  | 20    | PURPLE | 32    | BROWN/GRAY   |
| 9     | GRAY   | 21    | TAN    | 33    | GRAY/WHITE   |
| 10    | GRAY   | 22    | TAN    | 34    | GRAY/WHITE   |
| 11    | WHITE  | 23    | PINK   | 35    | WHITERED     |
| 12    | WHITE  | 24    | PINK   | 36    | WHITERED     |

TYPICAL AT BOTH ENDS

**C HYBRID CABLE BREAKOUT**

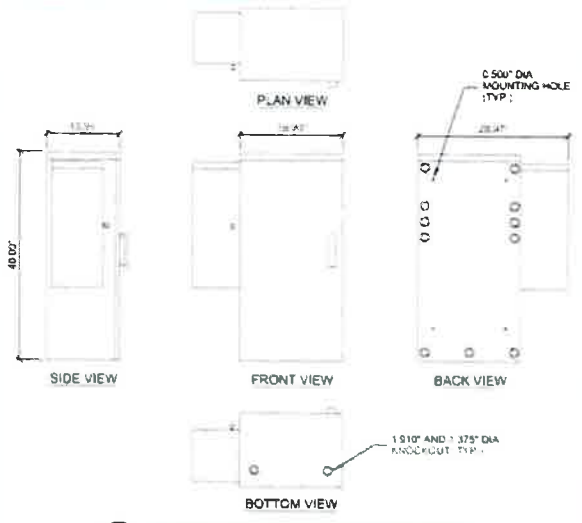
FORM NO. 100-0010-01  
 REV. 02-11-01  
 DATE: 02-11-01  
 DRAWN BY: JCB  
 CHECKED BY: JCB  
 PERMIT DWGS  
**T-504**

MANUFACTURER: CIENA  
 MODEL: 2931  
 DIMENSIONS: 17.0" x 16.0" x 7.0" (H x W x D)  
 WEIGHT: 25.0 LBS



**A** CIENA FIBER ENCLOSURE

MANUFACTURER: DELTA  
 MODEL: 204P-1200-030  
 DIMENSIONS: 40.00" x 19.00" x 13.94" (H x W x D)



**B** POWER PROTECTION CABINET (PPC)

**NOTE:**  
 1 ALL DISCONNECTS SHALL BE LEGIBLY IDENTIFIED AND ELECTRIC PANELS SHALL HAVE A SCHEDULE CIRCUIT DIRECTORY INSIDE OR ON THE FACE OF EACH PANEL (PER NEC 110.23 & 408.4).



**UTILITY EQUIPMENT SPECIFICATIONS**  
 CH74368L (SPRING VALLEY DR - RL)  
 MEDINAH, ILLINOIS

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|        |             |
|--------|-------------|
| DATE:  | 1/24/2020   |
| BY:    | KOB         |
| APP'D: | PERMIT DWGS |
| NO.:   | E-001       |

**KEYNOTES: (THIS SHEET)**

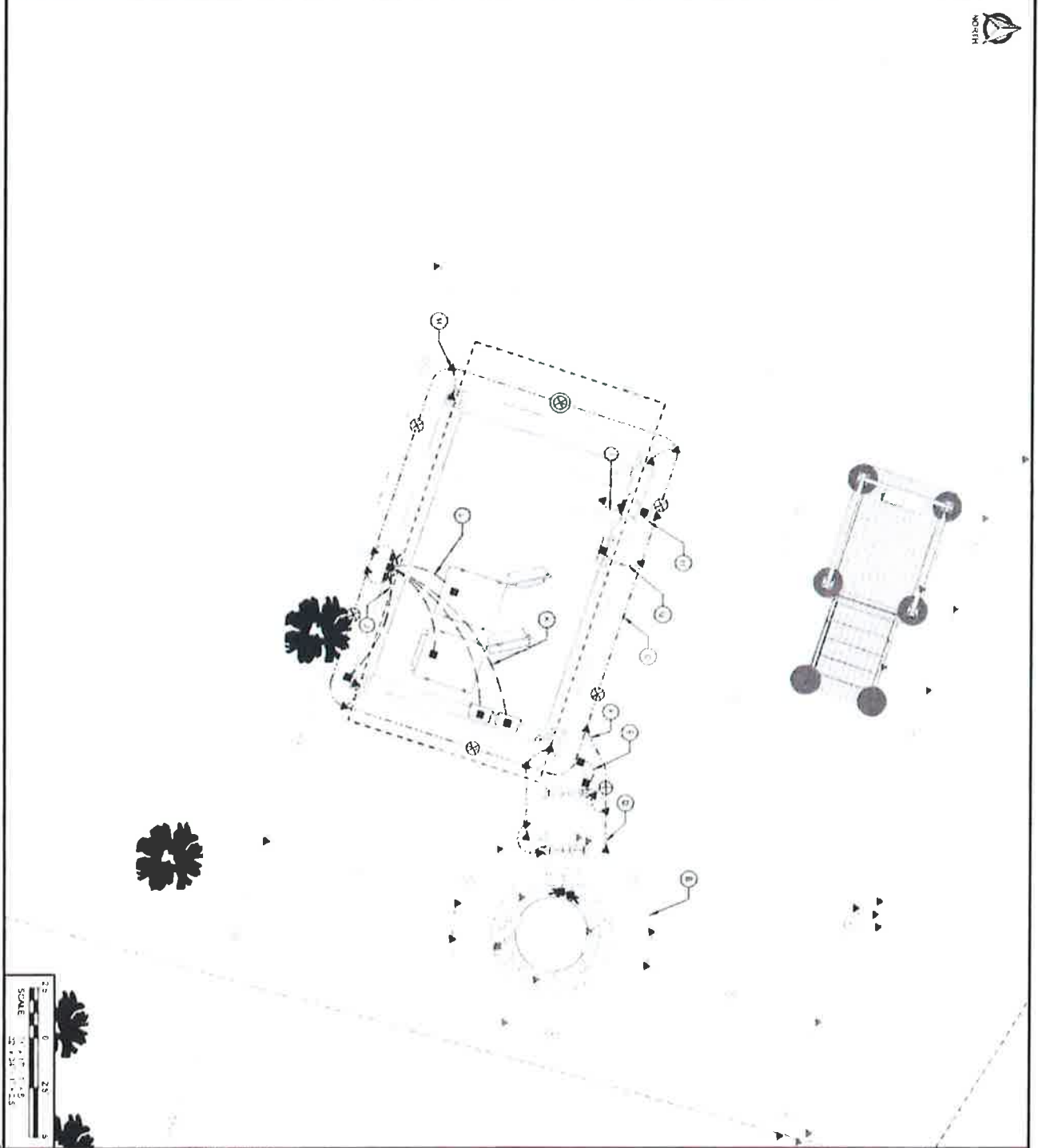
- 1 MAINTAIN 2'-FOOT CLEARANCE FROM ALL STRUCTURES
- 2 PROPOSED TOWER GROUND RING AND RING TO IDENTIFY LOCATION
- 3 EQUIPMENT PLATFORM GROUND RING IS SOLID BASE TINNED COPPER SEE E-302 FOR DETAILS
- 4 ICE BRIDGE SECTION GROUNDINGS SEE E-301 FOR DETAILS
- 5 BOND EQUIPMENT GROUND RING TO THE TOWER GROUND RING WITH ELECTROMETRIC CONNECTION (E-101)
- 6 CLEAN GROUND LEAD TO EQUIPMENT PLATFORM GROUND RING SEE E-301 FOR DETAILS
- 7 EQUIPMENT TRANSFER SWITCH (ATS) GROUND LEAD TO EQUIPMENT PLATFORM GROUND RING SEE E-301 FOR DETAILS
- 8 POWER PROTECTIVE CABLE (PPC) GROUND LEAD TO EQUIPMENT PLATFORM GROUND RING SEE E-301 FOR DETAILS
- 9 MAST BR GROUND BAY: SEE E-301 FOR DETAILS
- 10 GROUND MOUNTED EQUIPMENT GROUND TO MASTER GROUND BAY SEE E-301 FOR DETAILS
- 11 EQUIPMENT CABINET GROUND TO MASTER GROUND BAY SEE E-301 FOR DETAILS
- 12 GROUND LEAD FROM EQUIPMENT GROUND RING TO CANOPY STEEL POST: SEE E-301 FOR DETAILS
- 13 GENERATOR GROUND RING IS SOLID TINNED COPPER SEE E-302 FOR DETAILS
- 14 GENERATOR GROUND LEAD IS SOLID TINNED COPPER CONDUIT TO 2" BELOW GRADE TO EQUIPMENT GROUND RING

**GROUNDING LEGEND: (THIS SHEET)**

- ▲ E-101 REFERENCE ON ALL BAY TO BAY ELECTRICAL CONNECTION
- MECHANICAL CONNECTION
- GROUND LEAD
- ⊗ GROUND INSPECTION WELL
- ⊙ COPPER CLAD GROUND ROD (SAP 2M x 8 LONG) SPACE @ 1V O.C MAX
- ⊗ COPPER PLATE (18" x 18" x .027 THK) SPACE @ 10 O.C MAX

**NOTES: (THIS SHEET)**

- 1 ALL EXTERIOR GROUNDING SHALL MEET OR EXCEED THE CLASSIFIED AND APPROVED TO THE GROUNDING SYSTEMS AND CONDUCTIONS SHALL BE INSPECTED PRIOR TO BACK FILLING WITH RESULTS ON HAND OR LESS RESISTANCE UPON COMPLETION
- 2 HIGH CONDUCTIVITY TYPE CONNECTORS SHALL BE USED FOR CONDUIT CONNECTIONS AFTER RESISTANCE CONNECTIONS SHALL BE WRAPPED WITH ELECTRICAL TAPE. THE MECHANICAL CONNECTIONS SHALL INCLUDE ANTI-OXIDANT COMPOUND BEING USED AS A CONNECTION POINT
- 3 ALL GROUNDING SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SHALL NOT BE LESS THAN 90° AND THE ANGLE OF ANY BEND SHALL NOT BE SHARPER THAN 90°
- 4 ALL ABOVE GRADE EXISTING CONNECTIONS TO GROUNDING SHALL BE IDENTIFIED AND THE GROUNDING SHALL BE IDENTIFIED AND THE GROUNDING SHALL BE IDENTIFIED AND THE GROUNDING SHALL BE IDENTIFIED
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- 14 ALL ABOVE GRADE EXISTING CONNECTIONS TO GROUNDING SHALL BE IDENTIFIED AND THE GROUNDING SHALL BE IDENTIFIED AND THE GROUNDING SHALL BE IDENTIFIED



**Edge**

Engineering & Construction

4400 N. N. Ave. Suite 200

Chicago, IL 60630

www.edgecorp.com

**vertical**

Engineering & Construction

1111 N. Dearborn Ave. Suite 200

Chicago, IL 60610

www.verticalcorp.com

**GROUNDING PLAN**

CH74348L (SPRING VALLEY DR - RL)

MEDINAH, ILLINOIS

|             |             |
|-------------|-------------|
| Project No. | CH74348L    |
| Client      | PERMUT SVCS |
| Date        | 20553       |
| Scale       | 1" = 20'    |
| Sheet No.   | E-101       |





**KEYNOTES: (THIS SHEET)**

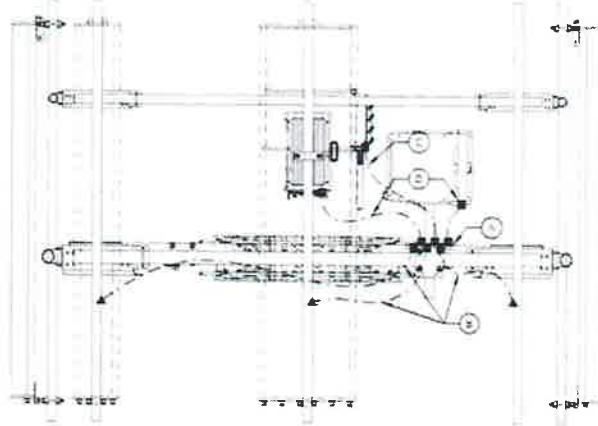
- A ANTENNA GROUND BAR FOR CONNECTION OF MULTIPLE GROUND KITS AT ONE LEVEL MOUNT TO TOWER STEEL (TYP. PER SECTOR)
- B MAST PIPE GROUND #2 SOLID INSULATED CONNECTION TO GROUND BAR WITH 2-HOLE LONG BARREL LUG (TYP.)
- C HYBRID BREAKOUT BOX GROUND #2 STRANDED INSULATED CONNECTION TO GROUND BAR WITH 2-HOLE LONG BARREL LUG
- D REMOTE RADIO GROUND #6 STRANDED INSULATED CONNECTION TO GROUND BAR WITH 2-HOLE LONG BARREL LUG (TYP.)
- E MASTER GROUND BAR (MGB) MOUNTED HORIZONTALLY TO EQUIPMENT PLATFORM ON INSULATORS
- F #2 SOLID TINNED COPPER GROUNDS ENCASED IN LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT TO 24" BELOW GRADE FROM MGB TO EQUIPMENT GROUND RING (TYP. OF 2)
- G EQUIPMENT CABINET GROUND #6 STRANDED INSULATED CONNECTION TO MGB WITH 2-HOLE LONG BARREL LUG (TYP.)
- H AMPLIFIER GROUND #6 STRANDED INSULATED CONNECTION TO MGB WITH 2-HOLE LONG BARREL LUG (TYP.)
- I FLEXI RADIO GROUND #6 STRANDED INSULATED CONNECTION TO MGB WITH 2-HOLE LONG BARREL LUG
- J GWS GROUND TO ICE CANOPY POST
- K ICE BRIDGE POST GROUND #2 SOLID TINNED COPPER ENCASED IN LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT TO 24" BELOW GRADE (TYP.)
- L ICE BRIDGE SECTION GROUND #2 STRANDED INSULATED WITH 2-HOLE LONG BARREL ON EACH END (TYP.)
- M ICE BRIDGE SECTION TO POST GROUNDS #2 STRANDED INSULATED WITH 2-HOLE LONG BARREL ON SECTION (TYP.), ORIENT LEAD WITH HIGH SIDE TOWARDS TOWER
- N EQUIPMENT PLATFORM GROUND #2 SOLID TINNED COPPER ENCASED IN LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT TO 24" BELOW GRADE (TYP.)
- O ICE CANOPY POST GROUND #2 SOLID TINNED COPPER ENCASED IN LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT TO 24" BELOW GRADE (TYP.)
- P ICE CANOPY TO ICE CANOPY POST GROUND #2 SOLID TINNED COPPER (TYP.)
- Q POWER PROTECTION CABINET (PPC) GROUND #2 SOLID TINNED COPPER ENCASED IN LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT TO 24" BELOW GRADE
- R AUTOMATIC TRANSFER SWITCH (ATS) GROUND #2 SOLID TINNED COPPER ENCASED IN LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT TO 24" BELOW GRADE
- S DENTAL GROUND #2 SOLID TINNED COPPER ENCASED IN LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT TO 24" BELOW GRADE

**GROUNDING LEGEND: (THIS SHEET)**

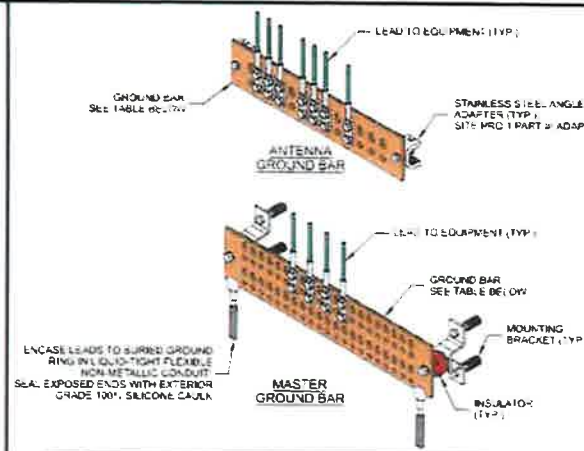
- ▲ EXOTHERMIC OR UL RATED IRREVERSIBLE CONNECTION
- MECHANICAL CONNECTION
- GROUND LEAD

**NOTES: (THIS SHEET)**

- 1 ALL BELOW-GRADE CONNECTIONS ARE TO BE EXOTHERMICALLY WELDED A MINIMUM OF 48" BELOW GRADE
- 2 ALL LEADS EXTENDING ABOVE GRADE TO BE ENCASED IN 3/4" CONDUIT AND EXTEND A MINIMUM OF 6" ABOVE FINISHED GRADE AND 24" BELOW FINISHED GRADE
- 3 APPLY COLD GALVANIZATION TO ALL ABOVE-GROUND EXOTHERMICALLY WELDED CONNECTIONS
- 4 APPLY ANTI-OXIDANT COMPOUND TO ALL MECHANICAL CONNECTIONS
- 5 UPPER AND LOWER TOWER GROUND BARS TO BE BONDED DIRECTLY TO TOWER STEEL WITH #2 CONDUCTORS
- 6 AIR TERMINAL TO EXTEND 2' ABOVE HIGHEST ANTENNA MAIN OR MAST PIPE MECHANICALLY FASTEN AIR TERMINAL TO MAST PIPE MAST PIPE TO BE MECHANICALLY CONNECTED TO TOWER STEEL
- 7 ALL METAL FRAMING AND GROUNDING ELECTRODES PRESENT SHALL BE BONDED TO THE ELECTRICAL GROUNDING SYSTEM SUBJECT TO COUNTY INSPECTION

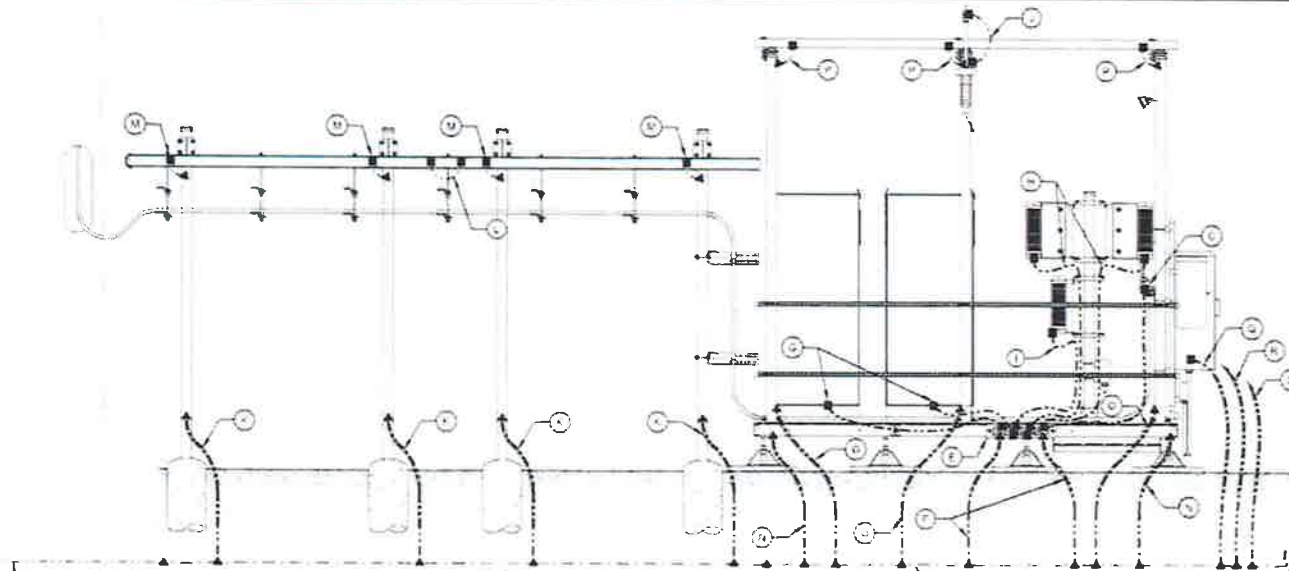


**A ANTENNA LEVEL GROUNDING**

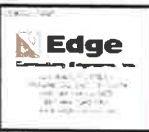


| GROUND BAR SCHEDULE |   |
|---------------------|---|
| MASTER GROUND BAR   | 1 1/2" x 4" x 1/2" GROUND BAR WITH INSULATORS AND BRACKETS SIZED FOR 42 SETS OF 2-HOLE LUGS<br>SITE PRO PART # MGB12X OR EQUIVALENT |
| ANTENNA GROUND BAR  | 1 1/2" x 2" x 1/2" GROUND BAR SIZED FOR 21 SETS OF 2-HOLE LUGS<br>SITE PRO PART # MGB6X OR EQUIVALENT                               |

**C GROUND BAR**



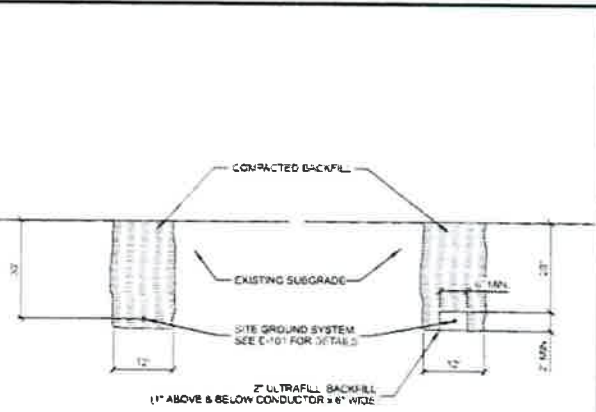
**B SITE GROUNDING**



**GROUNDING DETAILS**  
CH74346L (SPRING VALLEY DR - RL)

|             |             |
|-------------|-------------|
| PROJECT NO. | 124-2023    |
| DATE        | 06/20/23    |
| CLIENT      | PERMIT DWGS |
| SCALE       | E-501       |

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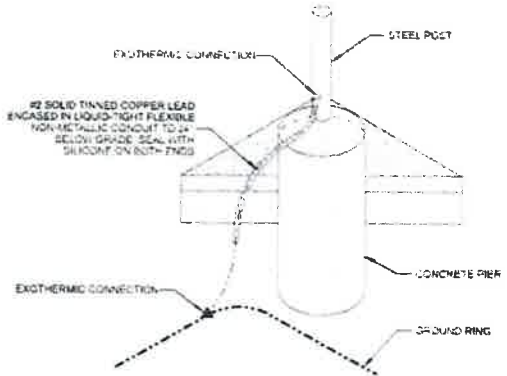


STANDARD GROUND TRENCH

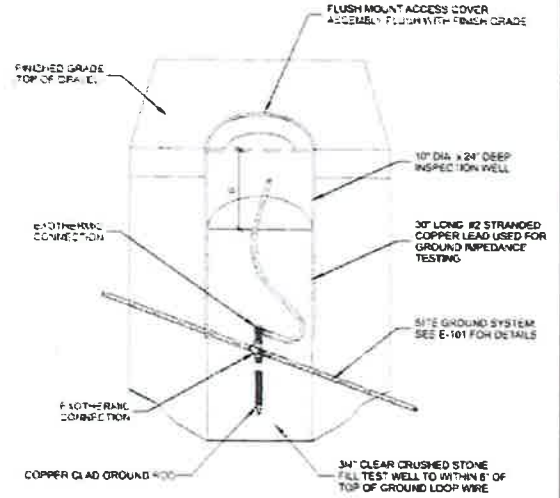
ENHANCED GROUND TRENCH

- NOTES
1. GROUNDING TRENCHES TO BE BACK FILLED WITH NATIVE SOIL
  2. COMPACT BACK FILL TO 95% MODIFIED PROCTOR
  3. CONTACT PSC MINIMUM 24HRS NOTICE PRIOR TO BACK FILLING TO ALLOW FOR INSPECTION

**A** GROUND TRENCH



**B** POST GROUNDING



**C** INSPECTION WELL

THIS SPACE INTENTIONIALLY LEFT BLANK

**Edge**  
Consulting Engineers, Inc.  
146 WEST 13TH STREET  
PERMITS DIVISION  
1015 WEST 14TH STREET  
MIDLAND, TEXAS 79701  
www.edgeinc.com

**vertical**  
Engineering & Construction  
1000 WEST 14TH STREET  
MIDLAND, TEXAS 79701  
www.verticalinc.com

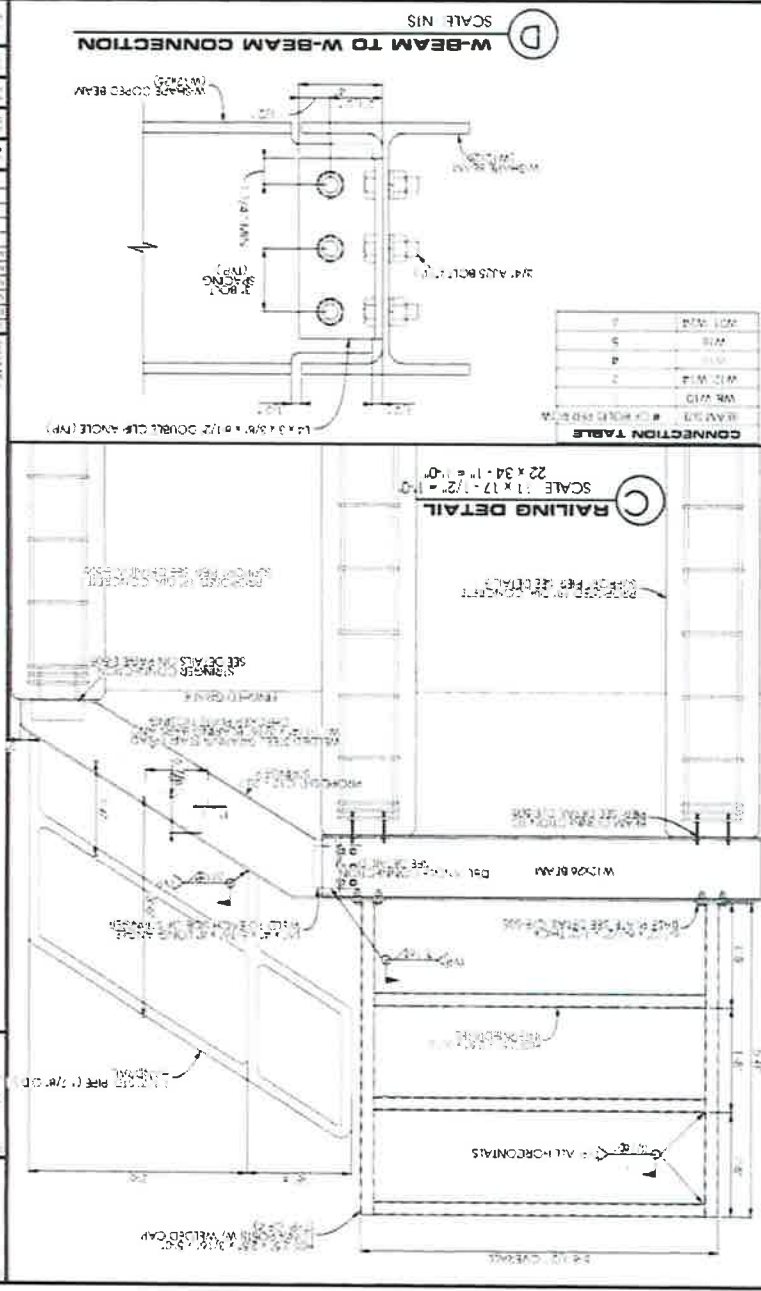
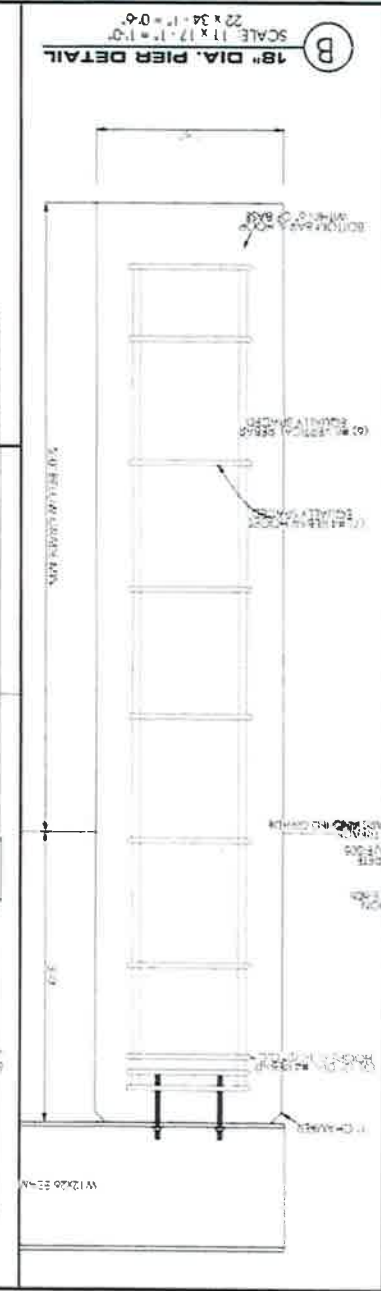
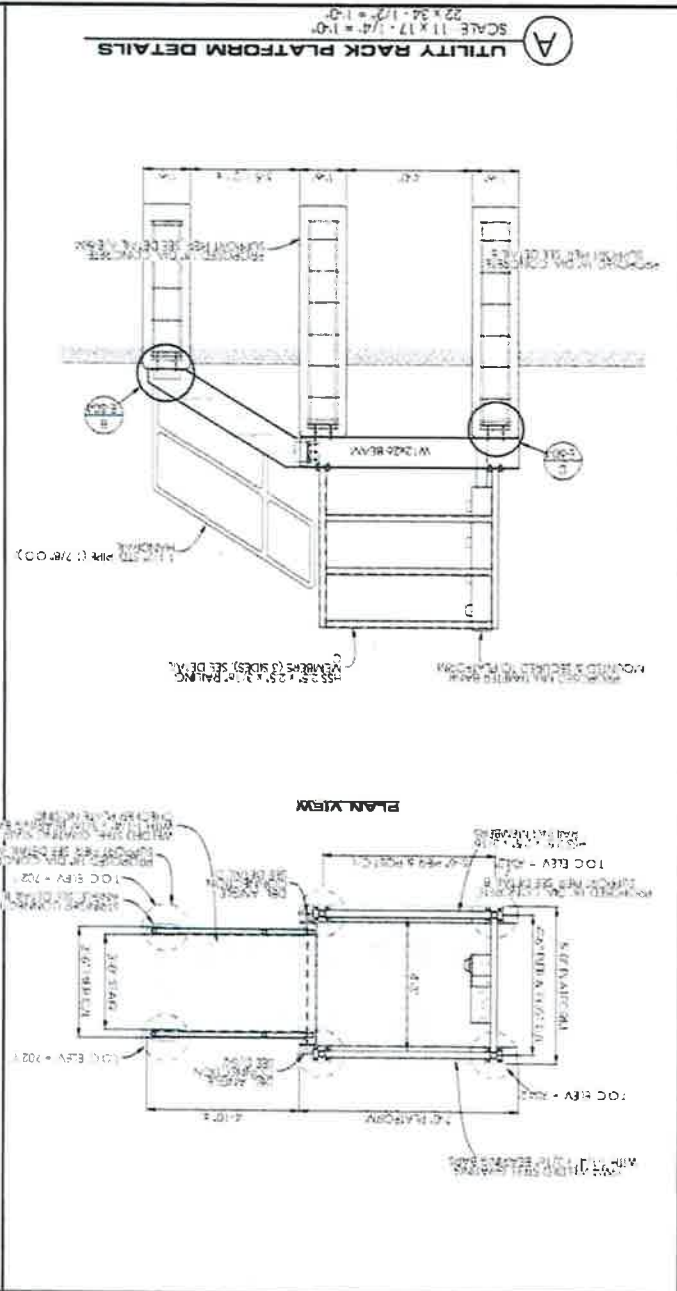
**GROUNDING DETAILS**  
CR743-66L (SPRING VALLEY DR - RL)  
MEDINAH, ILLINOIS

|             |             |
|-------------|-------------|
| NO.:        |             |
| DATE:       |             |
| BY:         |             |
| CHECKED BY: |             |
| DATE:       |             |
| SCALE:      |             |
| PROJECT:    |             |
| NO.:        |             |
| DATE:       |             |
| BY:         | KCB         |
| DATE:       | 1/24/2023   |
| NO.:        | 20553       |
| DATE:       |             |
| BY:         | PERMIT DWGS |
| DATE:       |             |
| NO.:        | E-502       |

1. PSC 2023 REGULATIONS (MID) 7/17/2023



DRAWING NO. UT-11-001



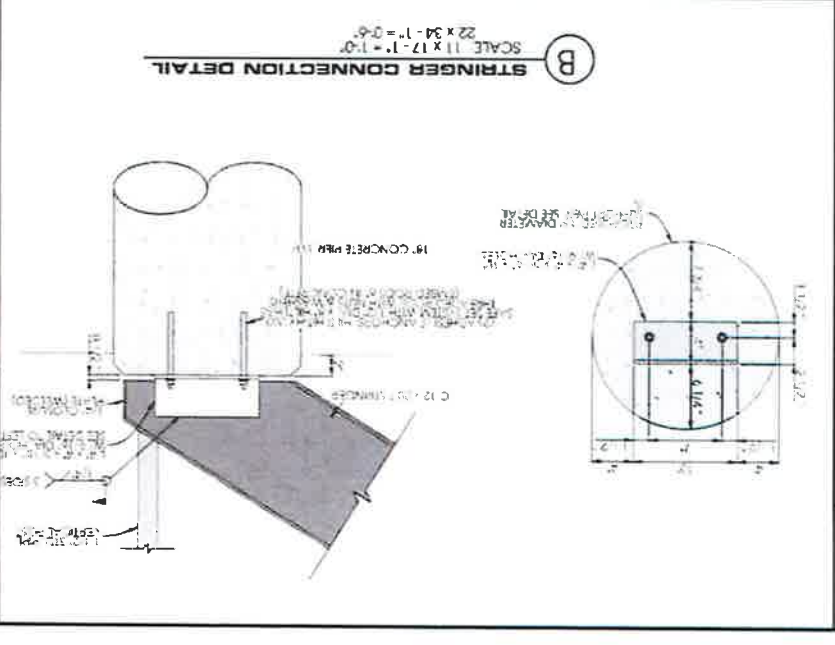
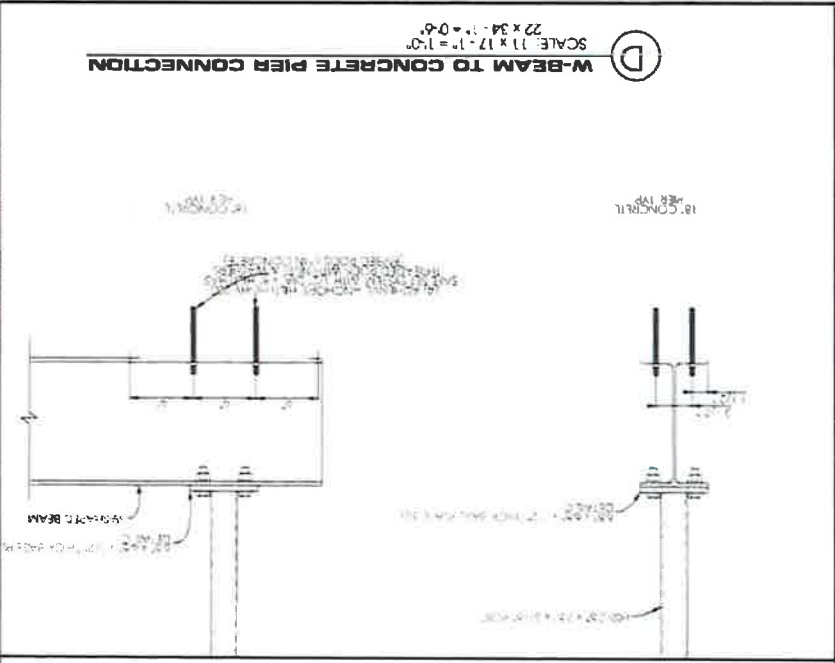
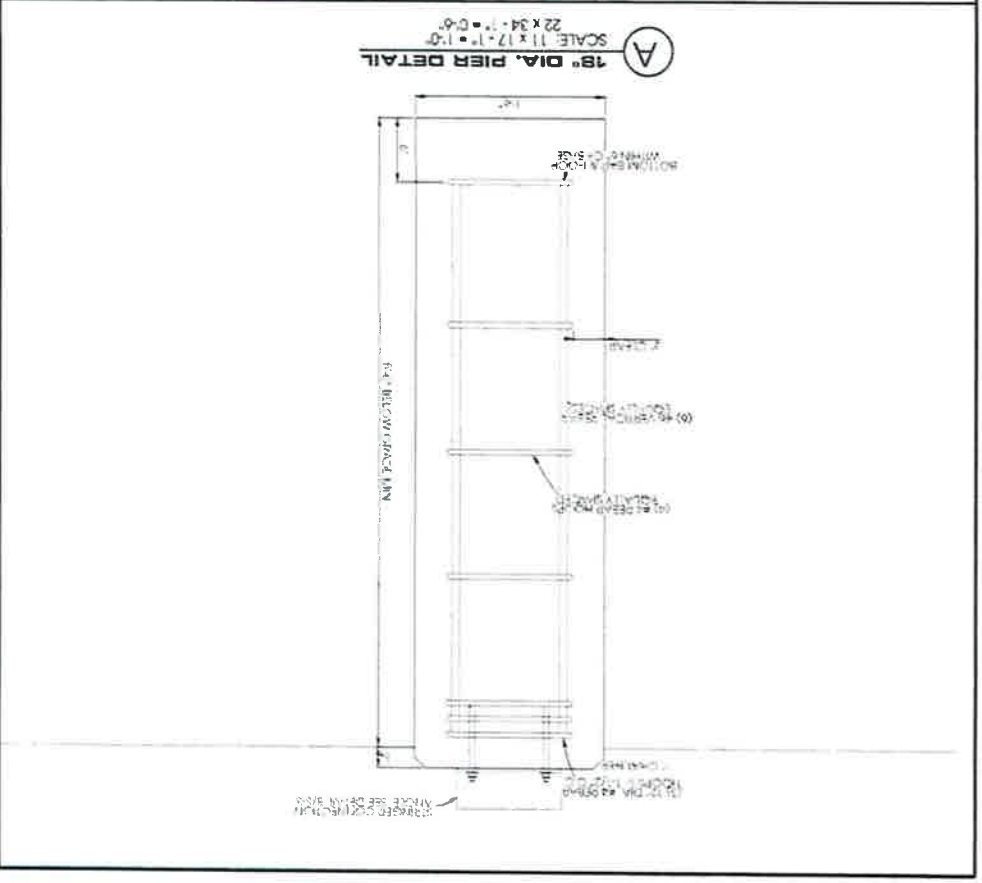
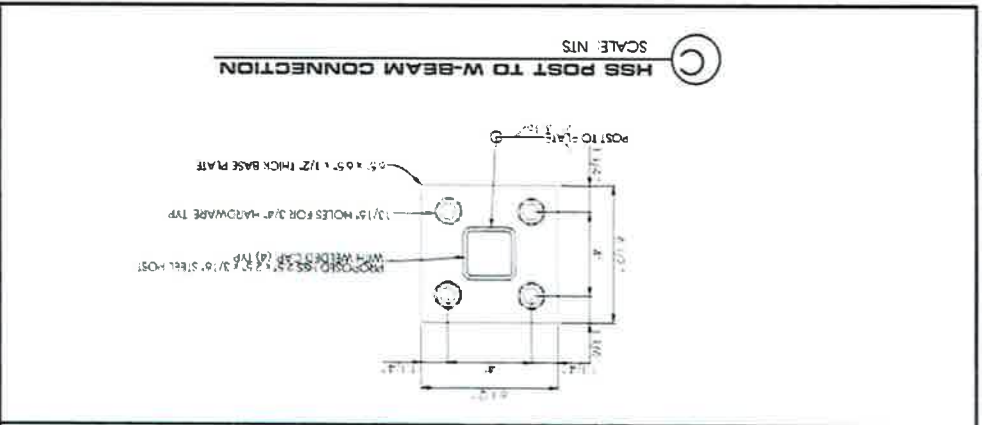
**E-504**

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| 100 | 99   | REVISED PER COMMENTS |

**UTILITY RACK PLATFORM**  
U9-11-5657 LAKE VIEW  
MEDINAH, IL

**Vertical**

**Edge**



| NO. | DESCRIPTION             | DATE      | BY | CHKD. |
|-----|-------------------------|-----------|----|-------|
| 1   | ISSUED FOR PERMIT       | 1/24/2023 | KB |       |
| 2   | ISSUED FOR CONSTRUCTION |           |    |       |
| 3   | ISSUED FOR CONSTRUCTION |           |    |       |
| 4   | ISSUED FOR CONSTRUCTION |           |    |       |
| 5   | ISSUED FOR CONSTRUCTION |           |    |       |
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| 8   | ISSUED FOR CONSTRUCTION |           |    |       |
| 9   | ISSUED FOR CONSTRUCTION |           |    |       |
| 10  | ISSUED FOR CONSTRUCTION |           |    |       |

# UTILITY RACK PLATFORM

US-1L-S037 LAKE VIEW  
MEDINAH, IL

**Vertical** **Edge**

Vertical Edge  
Engineering & Construction  
1000 N. Lake Street  
Medinah, IL 60160  
www.vertical-edge.com