City of Harrisburg Planning Commission Agenda for March 11, 2025, Meeting at 6:00 P.M. Heritage Board Room 200 E. Willow Street, Harrisburg, SD

Call to Order and Roll Call

Approval of Agenda

Approval of the Meeting Minutes

1. Approve the draft minutes of the February 11, 2025 meeting.

Old Business

Public Comment on Non-Agenda Items

Public Hearings

- 1. A public hearing has been scheduled for 6:00 p.m. or shortly thereafter to accept public input regarding a Conditional Use Permit application to allow mini warehouses on the property legally described as Lot 3, Block 1, Flatiron Crossing Addition, Parcel # 270.62.66.4010 (Black Dog, LLC).
- 2. A public hearing has been scheduled for 6:00 p.m. or shortly thereafter to accept public input regarding a Conditional Use Permit application to allow a telecommunications tower on the property legally described as Tract 1, Slack High School Addition, except Lot 1 of Tract 1 and Lot H-1, Parcel # 270.73.00.100 (Verizon Wireless).
- 3. A public hearing has been scheduled for 6:00 p.m. or shortly thereafter to accept public input regarding a request to rezone Lot 2, Block 1, of Rix Addition, Parcel 270.84.01.002 (1434 Mary Place) from R-3 Multi-Family Residential to GB General Business (S&Z, LLC)

New Business

- 1. Review for approval a Conditional Use Permit application to allow mini warehouses on the property legally described as Lot 3, Block 1, Flatiron Crossing Addition, Parcel # 270.62.66.4010 (Black Dog, LLC).
- 2. Review for approval a Conditional Use Permit application to allow a telecommunications tower on the property legally described as Tract 1, Slack High School Addition, except Lot 1 of Tract 1 and Lot H-1 Lot, Parcel # 270.73.00.100 (Verizon Wireless).
- 3. Review and recommendation to City Council a request to rezone Lot 2, Block 1, of Rix Addition, Parcel 270.84.01.002 (1434 Mary Place) from R-3 Multi-Family Residential to GB General Business (S&Z, LLC).
- 4. Review and recommendation to City Council: Plat for Tracts 1, 2, 3, & 4 of Dakota Farms Addition, Section 18, Township 99 North, Range 49 West and Pre-annexation agreement.
- 5. Review and recommendation to City Council the Preliminary Plan for Orchard's Edge Addition.
- 6. Review for approval an application to keep chickens at 615 Emmett Trail.

City of Harrisburg Planning Commission Agenda for March 11, 2025, Meeting at 6:00 P.M. Heritage Board Room 200 E. Willow Street, Harrisburg, SD

Administrative Reports and Commission Input

- 1. Commission input.
- 2. Building permit reports for February 2025.
- 3. Plats filed in February 2025
 - Lots 3, 4, 6A, 7A, and 9 in Block 1 and Lots 1, 2, 4, and 5 in Block 2 of the Whiskey Creek Addition

Adjournment

City of Harrisburg Planning Commission Draft Meeting Minutes for February 11, 2025, Meeting at 6:00 P.M. Heritage Board Room 200 E. Willow Street, Harrisburg, SD

Call to Order and Roll Call

The regular meeting of the City of Harrisburg Planning Commission was called to order by Vice-Chairperson Schipper at 6:00 p.m. on February 11, 2025. Commissioners Jon Kraft, Rob Doyen, Matthew Irish, Jim Nielsen, and Vice-Chairperson Jason Schipper, were present. In Bruce Bicknase's absence, Vice-Chair Jason Schipper is the acting-Chairperson. Chad Huwe and Jen Cleveland were present on behalf of City Planning & Zoning. Deputy City Administrator Heath VonEye and Nathan Gustafson were also present.

Approval of Agenda

Chairperson Schipper asked if there were any changes to the meeting agenda. Jen Cleveland requested to remove Items #2 and #4 from the agenda at the request of the applicant. A motion was made by Commissioner Doyen, seconded by Commissioner Irish, to approve the agenda with Items 2 & 4 removed. A voice vote was taken. Yeas: Kraft, Doyen, Irish, Nielsen, Schipper. Nays: None. Motion carried 5-0.

Approval of the Meeting Minutes

1. Approve the draft minutes of the January 14, 2025 meeting.

Chairperson Schipper asked if there were any changes to the meeting minutes of January 14, 2025. No revisions were presented. A motion was made by Commissioner Nielsen, seconded by Commissioner Doyen, to approve the meeting minutes. A voice vote was taken. Yeas: Kraft, Doyen, Irish, Nielsen, Schipper. Nays: None. Motion carried 5-0.

Old Business

No old business was discussed.

Public Comment on Non-Agenda Items

Deputy City Administrator Heath VonEye introduced himself as the new Harrisburg Deputy City Administrator.

Public Hearings

 A public hearing has been scheduled for 6:00 p.m. or shortly thereafter to accept public input regarding an application to rezone a portion of the SE1/4 of the SE1/4 of Section 26, Township 100 North, Range 50 West of the 5th Principal Meridian, Parcel # 270.62.66.4011. (Black Dog, LLC)

Chairperson Schipper opened the public hearing at 6:05 p.m. No public comment was received. Chairperson Schipper closed the public hearing at 6:06p.m.

2. A public hearing has been scheduled for 6:00 p.m. or shortly thereafter to accept public input regarding an application for an amendment to a Conditional Use Permit for an off-premises digital sign at 27249 SD Highway 115. (Cyclops Media)

Item was removed from the agenda.

New Business

3. Review and recommendation to the City Council an application to rezone a portion of the SE1/4 of the SE1/4 of Section 26, Township 100 North, Range 50 West of the 5th Principal Meridian, Parcel #

City of Harrisburg Planning Commission Agenda for February 11, 2025, Meeting at 6:00 P.M. Heritage Board Room 200 E. Willow Street, Harrisburg, SD

270.62.66.4011. (Black Dog, LLC)

Chad Huwe presented a summary of the application and staff report. Commissioner Doyen made a motion, seconded by Commissioner Irish, to recommend approval of the application to City Council. A voice vote was taken. Yeas: Kraft, Doyen, Irish, Nielsen, Schipper. Nays: None. Motion carried 5-0.

4. Review an application for an amendment to a Conditional Use Permit for an off-premise digital sign at 27249 SD Highway 115. (Cyclops Media)

Item was removed from the agenda.

Administrative Reports and Commission Input

1. Review proposed revisions to Harrisburg Zoning Regulations regarding billboards and electronic signs.

Jen Cleveland presented the Planning Commission with draft language for a zoning amendment to the Zoning Regulations regarding billboards and electronic message boards. Staff and Planning Commission members engaged in discussion. No action was taken.

2. Building permit reports for January 2025.

Jen Cleveland presented the issued building permit reports and the monthly comparison from previous years, highlighting that the number of issued permits in January 2025 were double the permits issued in 2023 and 2022.

3. Commission input.

Chad Huwe engaged the Planning Commission members in discussion regarding reduced lot width and side yard setbacks.

- 4. Plats filed in January 2025
 - None.

Adjournment

A motion to adjourn was made at 6:59 p.m. by Commissioner Doyen, seconded by Commissioner Nielsen. A voice vote was taken. Yeas: Kraft, Doyen, Irish, Nielsen, Schipper. Nays: None. Motion carried 5-0.



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Agenda Item Staff Report

Date: March 11, 2025

To: Planning Commission

From: Planning and Building Services

Agenda Item:

A Conditional Use Permit application for mini warehouses on the property legally described as Lot 3, Block 1 of the Flatiron Crossing Addition to the City of Harrisburg, Lincoln County, South Dakota

Public Hearing: ☑ Business Item: ☑ Informational: □

Information:

- The applicant is Dalton Allen of Black Dog LLC.
- The applicant proposes constructing four buildings to be used as heated storage units for personal or business use. The first phase would be the south buildings, and the second phase would be the north buildings.
- The buildings are 60 feet by 343 feet.
- The property is zoned LI (Industrial), and mini warehouses are a conditional use in LI zoning.
- The use-specific standards for mini warehouses are discussed in Section 5.17 of the Zoning Regulations and are as follows:
 - Mini warehouse buildings shall be at least one hundred feet from any existing or proposed residential district.
 - The closest existing or proposed residential district is approximately 1,500 feet.
 - The mini warehouse site shall be designed so that no mini warehouse overhead doors face a collector or arterial street.
 - The overhead doors do not face a collector or arterial street.
 - A landscape buffer and screening strip shall be provided as required in the approved Conditional Use Permit. Said buffer and screening strip shall consist of any combination of a berm, fencing, and vegetation which will provide a visual screen as deemed appropriate by the Planning Commission. Within R-2, R-3, GB, CB, LI, and HI districts, one tree per fifty feet of lot width is required. No more than twenty percent of the trees may be planted in the street right-of-way. No more than twenty-five percent of the required trees may be deciduous ornamental, evergreen, or coniferous trees. Each existing tree of at least 1 3/4-inch caliper in size shall count toward the tree requirement



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- The applicant does not intend to install perimeter fencing for screening purpose. For security purposes, the applicant plans to connect to the existing camera/video system being used with the current storage units.
- The proposed site plan meets the city's landscaping requirements and tree planting requirements.
- No more than one freestanding sign shall be allowed on any parcel with mini warehouse use.
 - One freestanding sign is proposed.
- Storage units within mini warehouse buildings shall not be used for manufacturing, retail or wholesale services, business services, or human or animal habitation.

Attachments:

Application Site Plan Sheets Use-Specific Standards and Responses Notice of Public Hearing

Staff Recommendation:



City of Harrisburg Planning Services

301 E. Willow St. Harrisburg, SD 57032 Phone: 605-743-5872

CONDITIONAL USE PERMIT APPLICATION

| W. J | | | | |
|--|--|--|--|--|
| Application Date: 214125 | | | | |
| Applicant Name: Dalton Allen | | | | |
| Mailing Address: 48022 Timber Riclge Pl. | | | | |
| City/State/Zip: Harrisburg, SD 57032 | | | | |
| Phone: 605 370 - 1043 Email: dalton @ allenhomessd. com | | | | |
| Property Owner Name: (if different) Black Dog LLC | | | | |
| Property Owner's Mailing Address: Same as above | | | | |
| City/State/Zip: | | | | |
| | | | | |
| Property Address or Legal description of the property: Lot 3 BIK | | | | |
| Flatiron Crossing Addition | | | | |
| Current zoning of the property: Light Industrial | | | | |
| Type of use requested: Mini-Wavehouse (Storage Units) - Heated | | | | |
| · 4 Large Buildings - Single Sided w Windows + Architectural Detail · Personal or Business Heated Storage - Not to Be Used as Workshops This Application form must be accompanied by: A non-refundable application fee of \$300.00 Detailed site plan Any other pertinent or requested information regarding the request | | | | |
| I/we hereby certify that the information I have provided is accurate and correct. | | | | |
| D+111/2 2-4-25 | | | | |
| Applicant's signature Date | | | | |
| | | | | |
| Property Owner's signature Date | | | | |

Please submit completed application, detailed plans, and non-refundable fee payment to City Hall or via email to: buildingservices@harrisburgsd.gov

| FOR CITY USE ONLY | | | | | |
|-------------------|----------------------|---------------|--|--|--|
| Date received: | Permit # | Hearing Date: | | | |
| Date sign posted: | Date of publication: | | | | |









REVISIONS 12.17.24 12.31.24

BLACK DOG - 21 16X60 SIOUX FALLS, SD





DISCLAIMER



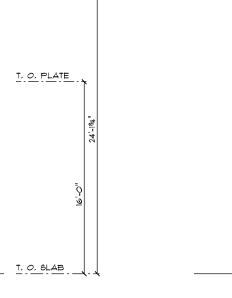


REVISIONS 12.17.24 12.31.24 1.2.25

BLACK DOG - 21 16X60 SIOUX FALLS, SD

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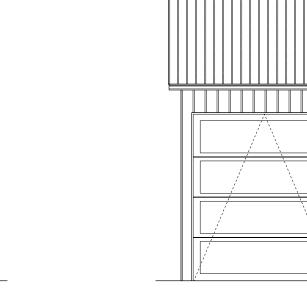
REAR ELEVATION SCALE: 1/16" = 1'-0"



LEFT ELEVATION

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

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



FRONT ELEVATION - UNIT SCALE: 1/8" = 1'-0"

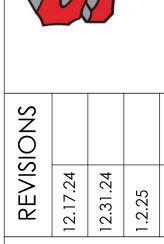
MAIN FLOOR - UNIT SCALE: 1/8" = 1'-0"

BLDG 1 - END UNIT SCALE: 1/8" = 1'-0"

PRELIMINARY DRAWINGS

(NOT FOR CONSTRUCTION USE)



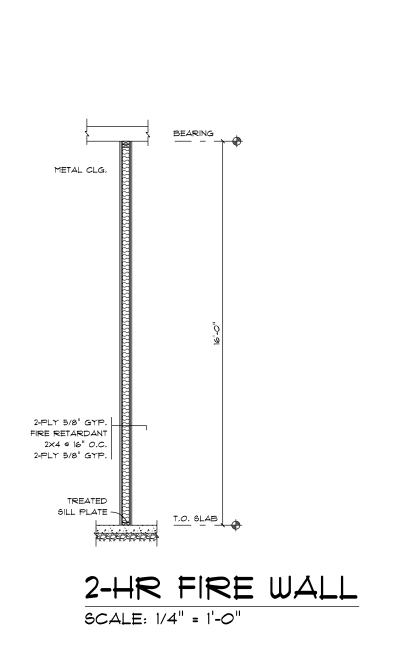


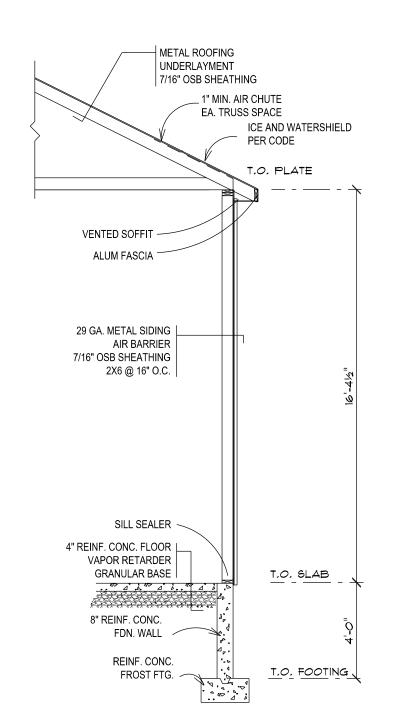
BLACK DOG - 21 16X60 SIOUX FALLS, SD

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(NOT FOR CONSTRUCTION USE)

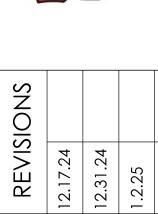
FOUNDATION SCALE: 1/16" = 1'-0"





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





BLACK DOG - 21 16X60 SIOUX FALLS, SD



OWNER: BLACK DOG, LLC

BLACK DOG, LLC

STREET ADDRESS: 1025 N. CLIFF AVENUE, HARRISBURG, SD 57032

LEGAL DESCRIPTION:

LOT 3, BLOCK 1 FLATIRON CROSSING ADDITION TO THE CITY OF HARRISBURG, LINCOLN COUNTY, SD CONTAINING: 5.2± ACRES

PROPOSED BUILDING SETBACKS:*
FRONT 25'

SIDE 10' REAR 20' HEIGHT 45'

ZONING DISTRICTS

(L1) LIGHT INDUSTRIAL DISTRICT
USE - MINI WAREHOUSE (CONDITIONAL USE REQUIRED)

DATE OF SURVE 10-24-2023

FENCING/SCREENING REQUIREMENT:

THE DEVELOPER DOES NOT INTEND TO INSTALL PERIMETER FENCING FOR SCREENING OR SECURITY PURPOSES. FOR SECURITY PURPOSES THE DEVELOPER PLANS TO CONNECT TO THE EXISTING CAMERA/VIDEO SYSTEM BEING UTILIZED WITH THE CURRENT STORAGE UNITS.

LANDSCAPING REQUIREMENT:
A LANDSCAPING STRIP WITH A MINIMUM WIDTH OF FIVE FEET SHALL BE LOCATED
BETWEEN THE PARKING LOT AND THE ADJOINING LOT LINES.

PROPOSED SITE MEETS THIS REQUIREMENT.

TREE & PLANTING REQUIREMENTS:

ONE TREE PER FIFTY FEET OF LOT WIDTH IS REQUIRED. NO MORE THAN TWENTY PERCENT OF THE TREES MAY BE PLANTED IN THE STREET RIGHT-OF-WAY. NO MORE THAN TWENTY PERCENT OF THE REQUIRED TREES MAY BE DECIDUOUS ORNAMENTAL, EVERGREEN, OR CONIFEROUS TREES. EACH EXISTING TREE OF AT LEAST 1 3/4-INCH CALIPER IN SIZE SHALL COUNT TOWARD THE TREE REQUIREMENT.

ONE SHADE TREE FOR EVERY FIFTY FEET OF LOT PERIMETER IN THE LANDSCAPE STRIP.

REQUIRED NUMBER OF TREES: 21 TREES FOR 1,051' \pm OF STREET FRONTAGE $\frac{7}{28}$ TREES FOR 346' \pm OF LOT PERIMETER $\frac{1}{28}$ TREES TOTAL REQUIRED

PROVIDED NUMBER OF TREES: 28 TREES (SEE TREE SCHEDULE BELOW)

| TREE SCHEDULE | | | | | |
|---------------|-----|-----|------------------------|--------|------|
| LOCATION | KEY | QTY | COMMON NAME | SIZE | ROOT |
| SEE PLAN | AB | 9 | AUTUMN BLAZE MAPLE | 2" CAL | B&B |
| SEE PLAN | LL | 9 | LITTLE LEAF LINDEN | 2" CAL | B&B |
| SEE PLAN | KC | 10 | KENTUCKY COFFEETREE | 2" CAL | B&B |
| | | | | | |

FIRE ACCESS & FIRE COVERAGE:

FIRE ACCESS PROVIDED BY THE PROPOSED SURFACING & 47'± WIDE DRIVE AISLE IN THE

EXISTING AND PROPOSED FIRE HYDRANTS TO BE INSTALLED WITH ANOTHER PROJECT WILL PROVIDE ADEQUATE COVERAGE.

STORM WATER DETENTION AND WATER QUALITY:

THE SITE DRAINS TO AN EXISTING DETENTION POND LOCATED IN LOT 1, BLOCK 1.

FEMA FLOODPLAIN & WETLANDS: LINE INDICATED ON FIRM PANEL 46099C0477D (EFFECTIVE 9/2/2009) AS ZONE AE. LOMR 10-08-0604P (EFFECTIVE 3/17/2011)..

NO WETLANDS ARE WITHIN THE PROJECT LIMITS.

AMERICANS WITH DISABILITIES ACT (ADA):
ANY PEDESTRIAN PATHWAYS OR SIDEWALKS INSTALLED ON OR ADJACENT TO THIS SITE
DEVELOPMENT SHALL BE FULLY ADA COMPLIANT. ALL SIDEWALK SHALL COMPLY WITH ADA
STANDARDS. MAXIMUM CROSS SLOPE OF 2% (1:50) AND MAXIMUM LONGITUDINAL SLOPE
OF 5% (1:20). ALL SW RAMPS SHALL BE LESS THAN 8.33% (1:12).

ANY SECTIONS OF SIDEWALK FOUND TO BE OUT OF COMPLIANCE WILL BE REMOVED AND REPLACED. THERE ARE NO CONSTRUCTION TOLERANCES ON MAXIMUM OR MINIMUM GRADES. FOR EXAMPLE, THE CONTRACTOR MAY WANT TO SET SIDEWALK FORMS AT A 1.5% CROSS SLOPE TO FALL UNDER THE 2% MAXIMUM SIDEWALK CROSS SLOPE.

KEYNOTES

- (1) 4" YELLOW PAVEMENT MARKING PAINT
- (2) 4' WIDE VALLEY GUTTER
- 3 CURB & GUTTER AND ADA SIDEWALK RAMP INSTALLATION TO BE DONE WITH SEPARATE STREET & UTILITY PROJECT.
- (4) 5' WIDE CURB TAPER

MISC. SITE NOTES

- SITE DIMENSIONS: ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR FACE OF CURB, UNLESS NOTED.

 ALL DIMENSIONS ARE TO EDGE OF BUILDING FOUNDATION WALL UNLESS NOTED.
- 2. LANDSCAPE PLAN: SEE SITE PLAN & FINAL EROSION CONTROL
- 3. SURFACING: SEE TYPICAL SECTIONS ON SHEETS C1.2.
- 4. SEE ARCHITECTURAL PLANS FOR ADDITIONAL DIMENSIONS, LIGHTING PLANS, TRASH ENCLOSURE DETAILS, & LANDSCAPING.

= STANDARD DUTY ASPHALT CONCRETE

= PCC PAVEMENT

= AGGREGATE SURFACING

= STANDARD TREE - TBD

= STANDARD TREE - TBD

= STANDARD TREE - TBD

FFE = FINISHED FLOOR ELEVATION

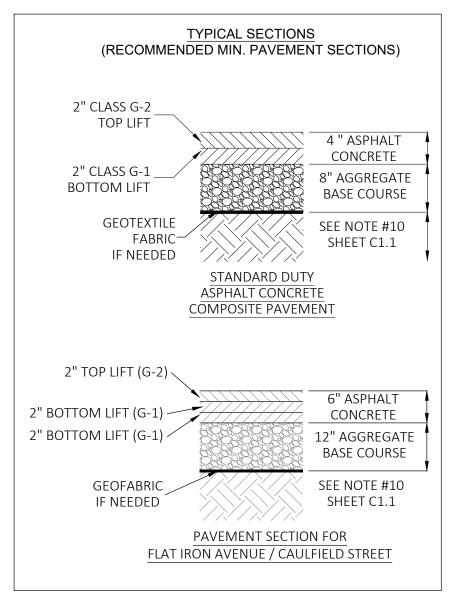
GSE = GARAGE SILL ELEVATION

FS = FRONT YARD SETBACK

RS = REAR YARD SETBACK

SS = SIDE YARD SETBACK

LEGEND







LOT 3, BLOCK 1 FLATIRON CROSSING ADDITION

CIVIL SITE LAYOUT

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Project No. 70173.12

Date: 7-23-24

Drawn By: TVV

C1.2





301 E WILLOW STREET • PO BOX 26 • HARRISBURG SD • 57032 PHONE: 605-743-5872

Agenda Item Staff Report

Date: March 11, 2025

To: Planning Commission

From: Planning and Building Services

Agenda Item:

A Conditional Use Permit application for a telecommunications facility on the property legally described as Tract 1, Slack High School Addition, except Lot 1 of Tract 1 and Lot H-1, Section 35, Township 100 North, Range 50 West of the 5th Principal Meridian (Parcel ID: 270.73.00.100)

Public Hearing: ☑ Business Item: ☑ Informational: □

Information:

- The applicant is Verizon Wireless Communications.
- The applicant proposes constructing a 99-foot wireless telecommunications monopole tower on the east side of the high school campus.
- The property is zoned R-2 (Low Density Residential), and a telecommunications facility is a conditional use in R-2 zoning.
- The use-specific standards for a telecommunications facility are discussed in Section 5.22 of the Zoning Regulations are addressed in the attachments.

Attachments:

Application
Site Plan Sheets
Use-Specific Standards and Responses
Notice of Public Hearing

Staff Recommendation:

Staff recommends approval with the condition that a building permit is issued prior to the start of construction.



Date sign posted: _____

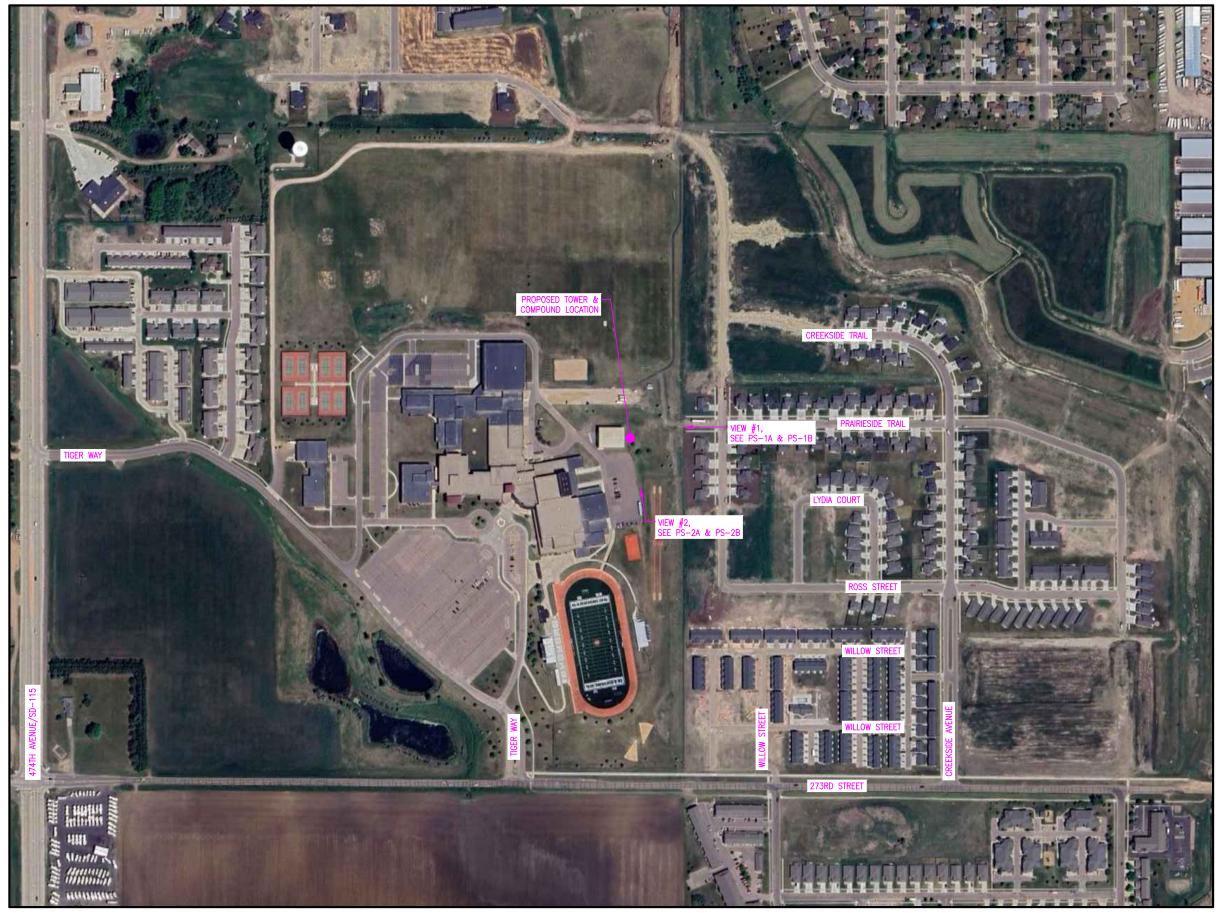
City of Harrisburg Planning Services

301 E. Willow St. Harrisburg, SD 57032 Phone: 605-743-5872

CONDITIONAL USE PERMIT APPLICATION

| Application Date:1/28/2025 |
|--|
| Applicant Name: Verizon Wireless Communications |
| Mailing Address: 10801 Bush Lake Road |
| City/State/Zip: Bloomington MN 55438 |
| Phone: 515-299-0736 Email: jeffreyskinner@nevcowireless.com |
| Property Owner Name: (if different) Harrisburg School District |
| Property Owner's Mailing Address: 200 East Willow Street |
| City/State/Zip: Harrisburg SD 57032 |
| Property Address or Legal description of the property: Parcel:270.73.00.100 TRACT NO.1 SLACK HIGH SCHOOL ADD (EX LOT 1 OF TRACT 1 & LOT H-1) CITY OF |
| Current zoning of the property: R-2 |
| Type of use requested: Construction of 99' wireless telecom monopole tower and associated equipment Cabinets. |
| This Application form must be accompanied by: A non-refundable application fee of \$300.00 Detailed site plan Any other pertinent or requested information regarding the request |
| I/we hereby certify that the information I have provided is accurate and correct. |
| Applicant's signature Property Owner's signature 1-28-2025 Date Date |
| Please submit completed application, detailed plans, and non-refundable fee payment to City Hall or via email to: buildingservices@harrisburgsd.gov |
| FOR CITY USE ONLY |
| Date received: Permit # Hearing Date: |

Date of publication:



DESIGN

9973 VALLEY VIEW RD. EDEN PRAIRIE, MN 55344 (952) 903-9299 WWW.DESIGN1EP.COM

verizon[/]

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

PROJECT 00210688.C.9136 LOC. CODE: 385855

SD09 WEST HARRISBURG

E. WILLOW ST. HARRISBURG, SD 57032

SHEET CONTENTS: PHOTO SIMULATIONS

| DRAWN BY: | MJS |
|-------------|----------|
| CHECKED BY: | JP/TJR |
| v.1 | 05-28-24 |
| | |



DESIGN

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SHEET CONTENTS: PHOTO SIMULATIONS

| DRAWN BY: | MJS |
|-------------|----------|
| CHECKED BY: | JP/TJR |
| v.1 | 05-28-24 |
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EXISTING PHOTO

PS-2A



DESIGN

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

PROJECT 00210688.C.9136 LOC. CODE: 385855

SD09 WEST HARRISBURG

E. WILLOW ST. HARRISBURG, SD 57032

SHEET CONTENTS: PHOTO SIMULATIONS

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| CHECKED BY: | JP/TJR |
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PROPOSED IMAGE

PS-2B

Verizon Wireless Zoning Application Harrisburg High School Project

- **5.22 TELECOMMUNICATIONS FACILITIES**. Telecommunications facilities shall comply with the following use-specific standards:
- A. Telecommunications facilities shall not be located within a Flood Hazard Area. The proposed site is not located in a flood hazard rea
- B. All proposed support structures shall be designed to be the minimum height needed to meet the service objectives of the applicant. The maximum height of a telecommunications facility shall be no more than one hundred feet above the preconstruction level of the grade adjacent to the support structure location. The height shall be an exception to the Zoning District's maximum structure height. However, a variance may be granted to allow a maximum height of up to one hundred fifty feet if the applicant's professional engineer certifies in writing that such a height is the sole viable option available to site the facility within municipal limits; The proposed site has been designed to meet the minimum requirements of the project design criteria. In addition, the proposed site is designed to support up to three additional providers for future use.
- C. The minimum setback distance between each support structure and all surrounding properties lines, overhead utility or transmission lines, other telecommunication facilities, wind turbine towers, electrical substations, public roads, and dwelling units shall be equal to no less than 1.1 times the system height (measured from the grade adjacent to the tower pad to the highest system component, including antennae); The proposed site is located 220' from the nearest property line and 269' to the nearest dwelling unit.
- D. The building permit application for a telecommunications facility shall include structure plans prepared by a professional engineer and a certification by a professional engineer that the structure has been designed to withstand the wind, snow, and ice loads typical of this area. The building permit application shall show the number and type of proposed antennae and their height above ground level, including the proposed placement of antennae on the support structure; Zoning Regulations 55 The submitted construction drawings depict the requirements noted in the ordinance and are stamped by a professional engineer. In addition, the building permit application will include a certified stamped structural analysis.
- E. Telecommunication facilities shall be collocated if feasible. If collocation is not feasible, the applicant shall submit a written certification of why collocation is not a viable option and that explains the alternatives considered and why those alternatives were either unacceptable or infeasible due to technical, physical, or financial reasons. If an existing

support structure is listed among the alternatives, the applicant must specifically address why the support structure is not a viable option. See submitted statement from Verizon RF. There are no existing antenna support structure of the required height within one mile of the proposed site other than the city owned water tank located to the north. The City of Harrisburg has indicated via written response that the water tank is not available for wireless providers.

- F. The application for a new support structure shall be accompanied by a letter stating that the proposed support structure will be made available for collocation to other service providers at commercially reasonable rates; See attached letter and CDs to support design of monopole to support additional providers. See cover page for tower profile.
- G. A proposed telecommunications facility support structure intended to be built as a monopole shall accommodate at least three telecommunications providers, and have a site area surrounding the tower of sufficient size to accommodate accessory equipment for at least four telecommunications providers' See attached CDs
- H. All ground- or pad-mounted electrical and control equipment shall be labeled and secured to prevent unauthorized access; All ground based equipment shall be fenced from public access as noted on the submitted CDS pages. See pages A-2 and A-3
- I. All accessory equipment, including any buildings, cabinets, or shelters, shall be used only to house equipment and other supplies in support of the operation of the telecommunications facility or support structure. Any equipment not used in direct support of such operation shall not be stored on the site; Proposed site will adhere to zoning ordinance as noted above.
- J. All telecommunication facilities shall comply with the setback and yard requirements of their Zoning District. They may be located on a parcel containing another principal use on the same site; Proposed site meets with the requirements as noted in the zoning ordinance
- K. The visual impact of all accessory equipment above ground level shall be mitigated by fencing or landscaping. A site plan shall be submitted with the building permit application. Fencing and landscaping materials shall be installed and maintained in a workman-like manner. Page A-2 of the CDs notes the type of fencing as white vinyl fencing and page A-3 of the CDs notes the landscaping plans.
- L. All signs, other than the manufacturer's or installer's identification, appropriate warning signs, or owner identification on any telecommunication facility structure that is visible from any public road shall be prohibited; There are no proposed signs other than required by law as noted in the ordinance.

- M. All electrical wires associated with a telecommunications facility shall be buried underground; All proposed electrical services are buried underground as noted on the CDs pages A-2 and U-1
- N. A telecommunication facility support structure shall be designed and installed so as to not provide step bolts or a ladder readily accessible to the public for a minimum height of eight feet above adjacent grade; Zoning Regulations 56 Proposed design supports requirements noted in ordinance
- O. A telecommunications facility shall not be artificially lighted unless such lighting is required by the Federal Aviation Administration; The proposed site does not require any lighting as determined by the FAA
- P. A telecommunications facility shall comply with all applicable state and local construction and electrical codes and the National Electrical Code; See submitted CDS for requirements noted in ordinance
- Q. A telecommunications facility shall not be installed until evidence has been provided to the Planning & Zoning Administrator that the FAA has been informed of the applicant's intent to install the facility; The applicant is required to file form 7460-2 prior to construction and this site will adhere to those requirements. In addition please see the submitted FAA notice that indicates the proposed site is below the notice criteria and no further FAA filing is required.
- R. A telecommunications facility that is out-of-service for a continuous twelve-month period will be deemed to have been abandoned. As such, it shall be deemed a public nuisance; Verizon understands the provisions of the ordinance and has no concerns
- S. A COW may be placed at any location within the City without a Conditional Use Permit or building permit for not more than one hundred twenty days from the date of a declaration of an emergency by the Mayor; and No COW is proposed at this time.
- T. A COW may be placed at any location within the City without a Conditional Use Permit or building permit for not more than fourteen days to serve a community event declared as such by the Council. No COW is proposed at this time



VZW SD09 West Harrisburg

To whom it may concern:

Per the requirements of the City of Harrisburg Zoning Ordinance Verizon Wireless has designed the proposed 99' monopole to meet the criteria noted in the zoning ordinance to allow for up to three additional wireless providers.

Regards

Jerry Haffield

Verizon Wireless Radio Frequncy Engineer



June 12th, 2024

Re: Collocation Exclusion - Proposed Verizon Wireless Communication Tower-SD09 West Harrisburg

To: City of Harrisburg Planning & Zoning Commission

Verizon Wireless cares about the communities as well as the environment and prefers to collocate on existing structures when available. We prefer collocation due to reduced construction costs, faster deployment, and environment protection. However, Verizon Wireless was unable to find a suitable structure close enough to the population center and demand area to collocate on in the rapidly growing developments on the western edge of Harrisburg, SD.

Verizon Wireless Radio Frequency Engineers establish search area criteria in order to effectively meet coverage objectives as well as offload existing Verizon Wireless cell sites. This provides uninterrupted communication throughout the coverage area. Cell sites are placed in a way, so they provide smooth hand off to each other and are placed at some distance from each other to eliminate too much overlap. Too much overlap may result in a waste of resources and raise a system capacity overload concern. All options to collocate on an existing structure that would meet the network requirements were exhausted and thus the Zoning request to approve the construction of a new tower on the Campus of Harrisburg High School is being presented.

An attachment is included with this memo that is a map of all existing structures in the immediate area that can be used as wireless communications structures. Those structures are labeled 1 through 4 on the map and below is a discussion that details the reasons that they are disqualified as a potential opportunity for Verizon to collocate their equipment for a new cell site.

- 1. City of Harrisburg water tank. Verizon has been told by the City of Harrisburg that this tank is not available for collocation.
- Crown Castle 157' Self Support tower. This structure is only 800' directly north of our existing
 cell site in Harrisburg or 1.0 mile east northeast of the proposed site and does not meet the
 objectives of this project which are to improve service in and around the west edge of
 Harrisburg.
- 3. City of Harrisburg water tank (located at TCC Materials at 101 Industrial Road.. The existing cell site that Verizon has in Harrisburg is already located on this tank.
- 4. Sioux Falls PCS 187' monopole tower. Once again, this particular structure does not meet the objective of this project to improve service on the west side of Harrisburg given that it is almost 1.5 miles away from the targeted area for our new cell site build.



Thank you for the opportunity to discuss the list of other structures within Harrisburg that can be used as wireless communication support structures however for the reasons listed above, are not suitable for this current project.

Please do not hesitate to reach out to me if there are any questions or concerns regarding the information I have provided above. My email address is jerry.haffield@verizonwireless.com.

Regards,

Jerry Haffield

Verizon Wireless

Jerry Haffield



SD09 WEST HARRISBURG **NEW BUILD**

PROJECT INFORMATION

SITE NAME: SD09 WEST HARRISBURG

SITE ADDRESS: E. WILLOW ST. HARRISBURG, SD 57032

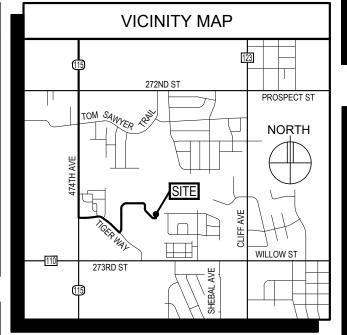
LINCOLN COUNTY: LATITUDE: N 43° 26' 07.59" LONGITUDE: W 96° 43' 06.37'

DRAWING BASED ON

REDS DATED. 01-05-24 CONSTRUCTION TYPE:

SITE AREA: 20'-0" X 20'-0" = 400 S F

| | SHEET INDEX | | | |
|-------|--|--|--|--|
| SHEET | SHEET DESCRIPTION | | | |
| T-1 | PROJECT INFORMATION, TOWER ELEVATION & SHEET INDEX | | | |
| A-1 | SITE PLAN, DETAIL INDEX & PHOTO | | | |
| A-2 | ENLARGED SITE PLAN | | | |
| A-3 | LANDSCAPING PLAN & KEY, PLANTING DETAIL | | | |
| A-4 | ANTENNA AND COAX KEY, CABLE BRIDGE PLAN & NOTES | | | |
| A-5 | OUTLINE SPECIFICATIONS | | | |
| G-1 | GROUNDING NOTES | | | |
| G-2 | GROUNDING PLAN & GROUNDING DETAIL INDEX | | | |
| U-1 | SITE UTILITY PLANS & NOTES | | | |
| - | SURVEY (2 SHEETS) | | | |
| | | | | |



MAP DATA ©2023 GOOGLE

LOCATION SCAN



| | ISSUE SUMMARY | | | | |
|-----|-----------------------------------|--------------|--|--|--|
| REV | DESCRIPTION | SHEET/DETAIL | | | |
| Α | ISSUED FOR REVIEW 05-03-24 | ALL | | | |
| В | ISSUED FOR OWNER SIGNOFF 05-09-24 | ALL | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

DEPARTMENTAL APPROVALS

| JOB TITLE | NAME | DATE |
|-----------------------|----------------|----------|
| RF ENGINEER | JERRY HAFFIELD | 05-05-24 |
| OPERATIONS MANAGER | | |
| CONSTRUCTION ENGINEER | PETER SHANNON | 05-03-24 |

LESSOR / LICENSOR APPROVAL

| SIGNATURE | PRINTED NAME | DATE |
|---|--------------|------|
| | | |
| LESSOR / LICENSOR: PLEASE CHECK THE APPROPRIATE BOX BELOW | | |

CONTACTS

LESSOR / LICENSOR: TIM GRAF

NO CHANGES.

200 E WILLOW ST, PO BOX 187 HARRISBURG, SD 57032

CHANGES NEEDED. SEE COMMENTS.

(605) 743-2567 x3002

LESSEE: VERIZON WIRELESS

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

POWER UTILITY SOUTHEASTERN ELECTRIC COOPERATIVE

501 SOUTH BROADWAY AVE COMPANY CONTACT:

MARION, SD 57043 TONY PETERS (605) 904-4181

TELCO UTILITY T.B.D.

COMPANY CONTACT:

DESIGN 1 OF EDEN PRAIRIE DESIGNER 9973 VALLEY VIEW ROAD

> EDEN PRAIRIE, MN 55344 (952) 903-9299

SURVEYOR: WIDSETH

610 FILLMORE STREET - PO BOX 1028 ALEXANDRIA MN 56308-1028

320-762-8149

T.B.D

T.B.D

STRUCTURAL

ENGINEER:

GEOTECHNICAL

ENGINEER

THESE DRAWINGS DO NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, OF THE ACCURACY OF THE STRUCTURAL ANALYSES AND THE PERFORMANCE OF THE COMPLETED CONSTRUCTION AS SHOWN ON THESE DOCUMENTS AND THE STRUCTURAL ANALYSES.

. NO STRUCTURAL ANALYSIS FOR THE TOWER, MOUNTS OR FOUNDATION HAVE BEEN PERFORMED AS PART OF THESE DRAWINGS. THE STRUCTURAL ANALYSIS FOR THE TOWER AND FOUNDATION ARE BY THE TOWER SUPPLIER AND SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT.

. PLEASE COORDINATE ANY STRUCTURAL CONCERNS/MATTERS OR ANY LOADING MODIFICATIONS TO THE CONSULTANT WHO AUTHORED THE ANALYSIS AND NOTIFY DESIGN 1 IMMEDIATELY OF THE ISSUE.

TOWER FOUNDATION, EQUIPMENT SLAB, GENERATOR FOUNDATION. AND THE ACCESS DRIVE TO BE EXCAVATED AND CONSTRUCTED IN ACCORDANCE VITH RECOMMENDATIONS AND SPECIFICATIONS OF THE GEOTECHNICAL REPORT WHICH IS NOT INCLUDED IN THIS PACKAGE. DISCREPANCIES BETWEEN THE REPORT AND THE OTHER DOCUMENTS TO BE IMMEDIATELY REPORTED TO VERIZON WIRELESS AND THE DESIGNER.

TOWER ELEVATION

OVERALL STRUCTURE HEIGHT 1531.7' AMSL / 99' AGL

ANTENNA TIP HEIGHT
1527.7' AMSL / 95' AGL

ANTENNA CENTERLINE HEIGHT 1523.7' AMSL / 91' AGL

FUTURE PROVIDER

1512.7' AMSL / 80' AGL

FUTURE PROVIDER
1502.7' AMSL / 70' AGL

FUTURE PROVIDER
1492.7' AMSL / 60' AGL

PROPOSED 95'

PROPOSED CABLE -

BRIDGE (SEE A-3)

PROPOSED EQUIPMENT -

GRADE © TOWER 1432.7' AMSL

CABINET ON SLAB

(SEE A-2)

EAST ELEVATION

MONOPOLE

NOTES:

1. TOWER TO BE ERECTED AND INSTALLED IN ACCORDANCE WITH TOWER MANUFACTURER'S DRAWINGS NOT INCLUDED WITH THIS PACKAGE. DISCREPANCIES BETWEEN TOWER DRAWINGS AND DESIGNER DRAWINGS TO BE REPORTED TO VERIZON WIRELESS AND THE DESIGNER IMMEDIATELY.

CONTRACTOR TO ENSURE TIP OF ANTENNAS DO NOT EXCEED TOWER HEIGHT. . ELEVATION IS SHOWN FOR GENERAL DIAGRAMMATIC PURPOSES ONLY. DO

1. THE STRUCTURAL DESIGN FOR THE MOUNTS (BY OTHERS) SHALL BE PER THE VERIZON NETWORK STANDARD NSTD-445. ALL LOADING AND DESIGN



SPRING LAKE PARK, MN 55432 (612) 844-1234 WWW.HERZOGENGINEERING.COM



DESIGN

PROPOSED 4'

. PROPOSED ANTENNAS.

TOWER-MOUNTED

FOR THE PURPOSES

ENVIRONMENTAL

FOUNDATION IS

ESTIMATED TO BE

NO LARGER THAN

DEPTH OF UP TO

10' X 10' &

APPROX. 40'.

REVIEW THE TOWER

EQUIPMENT &

T-FRAMES

9973 VALLEY VIEW RD. EDEN PRAIRIE, MN 55344 (952) 903-9299 WWW.DESIGN1EP.COM

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

PROJECT 00210688.C.9136 LOC. CODE: 385855

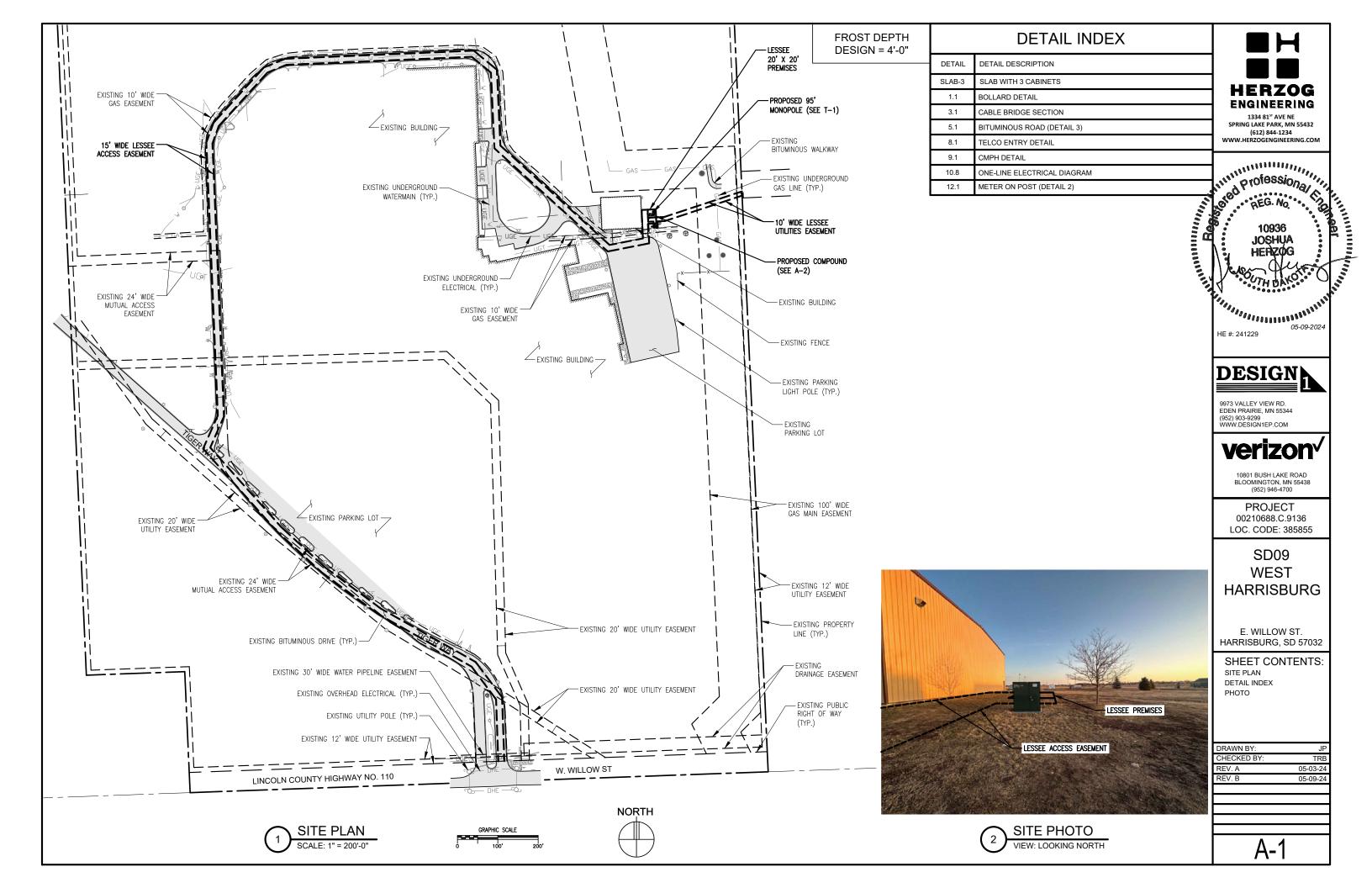
SD09 WEST HARRISBURG

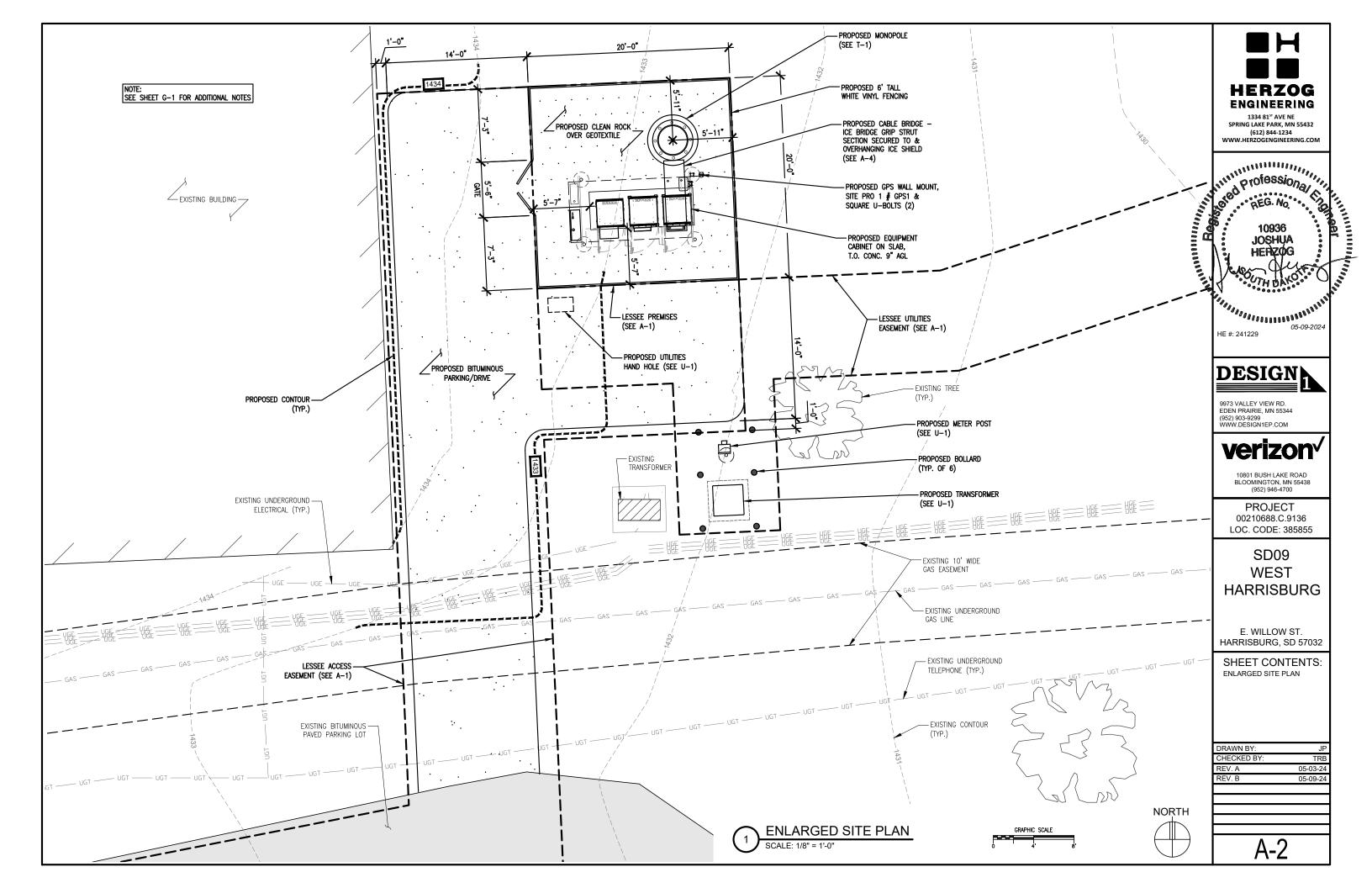
E. WILLOW ST. HARRISBURG, SD 57032

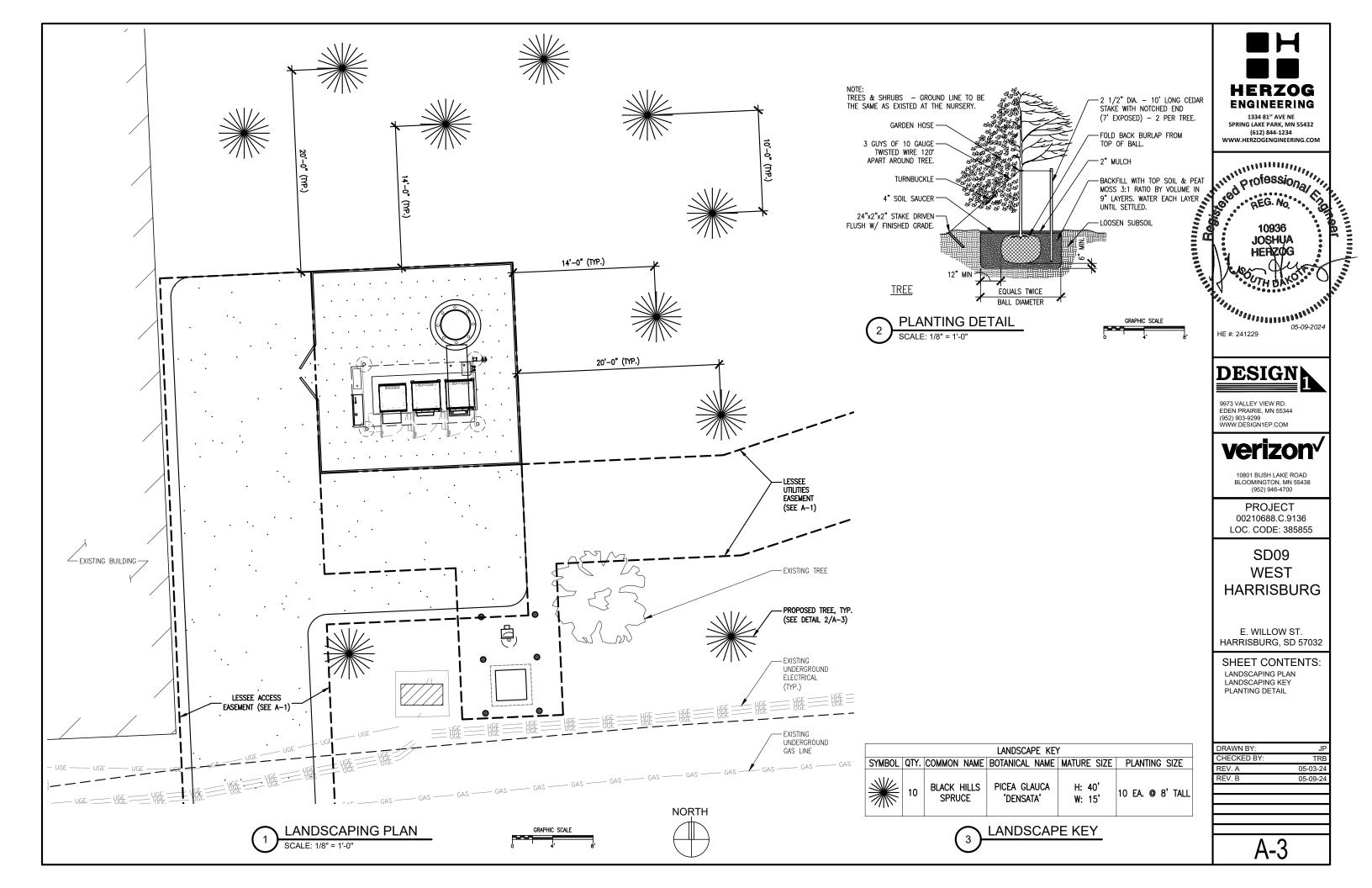
SHEET CONTENTS:

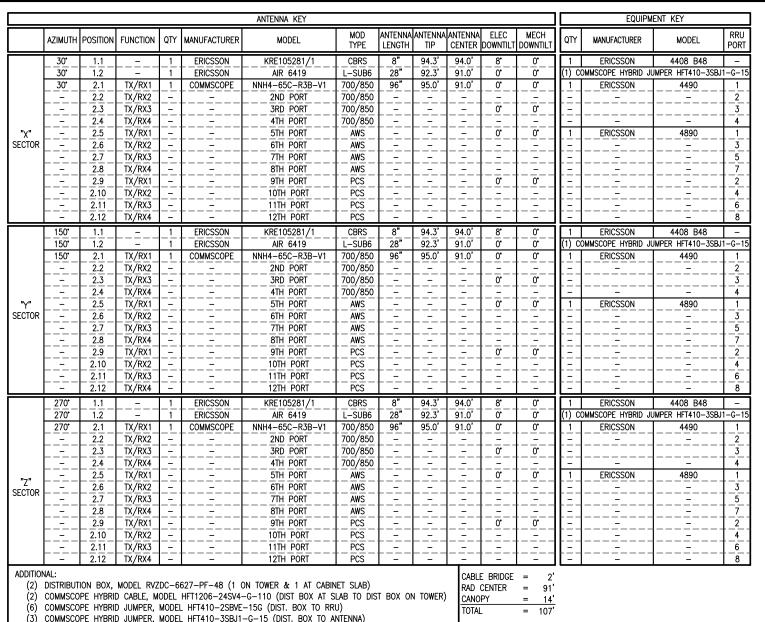
CONTACTS ISSUE SUMMARY SHEET INDEX DEPARTMENTAL APPROVALS LESSOR APPROVAL PROJECT INFORMATION AREA & VICINITY MAPS GENERAL NOTES

| DRAWN BY: | JF |
|-------------|----------|
| CHECKED BY: | TRE |
| REV. A | 05-03-24 |
| REV. B | 05-09-24 |
| | |
| | |

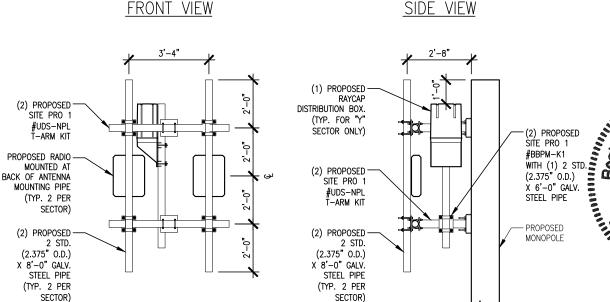








EQUIPMENT MOUNTING DETAILS



Professional Profe 10936 **JOSHUA** HERZØG The state of the s

05-09-2024

HERZOG

ENGINEERING

1334 81ST AVE NE

SPRING LAKE PARK, MN 55432 (612) 844-1234 WWW.HERZOGENGINEERING.COM

nin Professiona

HE #: 241229

GRAPHIC SCALE

DESIGN

9973 VALLEY VIEW RD. EDEN PRAIRIE, MN 55344 (952) 903-9299 WWW.DESIGN1EP.COM

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

PROJECT 00210688.C.9136 LOC. CODE: 385855

SD09 WEST HARRISBURG

E. WILLOW ST. HARRISBURG, SD 57032

SHEET CONTENTS:

PROPOSED KEYS CABLE BRIDGE PLAN ANTENNA MOUNTING DETAIL **EQUIPMENT MOUNTING DETAI**

| DRAWN BY: | JP |
|-------------|----------|
| CHECKED BY: | TRB |
| REV. A | 05-03-24 |
| REV. B | 05-09-24 |
| | |
| | |

PROPOSED KEYS

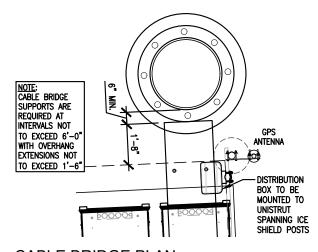
(36) ANDREW COAX JUMPER, MODEL LDF4-50A, 1/2" FOAM DIELECTRIC, 10' EACH (RRÚ TO ANTENNA)

(1) POWERSHIFT EQUIPMENT, DC-DC UP-CONVERTER UNITS (IN CABINET)

(3) ERICSSON MODEL #TFL90134/60M POWER CABLES FOR CBRS

(3) ERICSSON MODEL #RPM2533512/5000 FIBER CABLES FOR CBRS

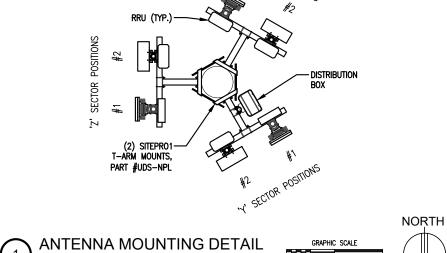
(3) POWERSHIFT EQUIPMENT, DC-DC UP-CONVERTER MODULE (IN CABINET)



GRAPHIC SCALE

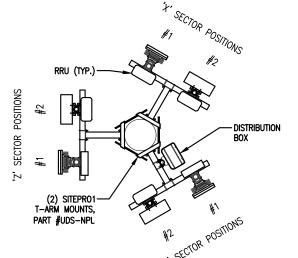






NOTES:

T-FRAMES & ANTENNA MOUNTING PIPES BY TOWER MANUFACTURER. CONTRACTOR TO ENSURE MOUNT & ANTENNA ARRAY DOES NOT IMPEDE SAFETY CLIMB/CABLES.



GENERAL CONDITIONS OO OOO1 PERMITS

Construction Permit shall be acquired by, or in the name of, Verizon Wireless, to be hereinafter referred to as the OWNER. Other permits shall be acquired by the

00 0002 SURVEY FFFS

Survey shall be furnished by the Designer. Layout Staking shall be coordinated with the Surveyor per "Request For Quote", (RFQ).

01 0010 INSURANCE & BONDS

Contractor is to furnish Insurance certificates for themselves and subcontractors. Contractor will provide any required Bonding. Contractor agrees to warranty the project for (1) one year after completion.

01 0400 SUPERVISION & COORDINATION

Contractor shall provide supervision throughout the Project, coordinating the work of the Subcontractors, and delivery & installation of Owner-furnished items Contractor's responsibilities include arranging & conducting of Underground Utilities Locates. Contractor shall comply with municipal, county, state and/or federal codes, including OSHA.

01 0600 TESTING

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

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

01 5100 TEMPORARY LITILITIES

Contractor shall maintain the job site in a clean and orderly fashion, providing temporary sanitary facilities, waste disposal, and security (fence area or trailer

01 5300 FQUIPMENT RENTAL

Contractor shall furnish equipment necessary to expedite work.

01 5900 FIELD OFFICES & SHEDS

Contractor shall provide security (fence area or trailer module) for tools and materials that remain overnight on site.

01 7000 CLEAN UP & CLOSE OUT

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

01 8000 TRUCKS & MILEAGE

Contractor shall provide transportation for their own personnel.

01 8300 TRAVEL TIME & PER DIEM

Contractor shall provide room and board for their own personnel, and reasonable time for traveling to & from job site.

01 9200 TAXES

Contractor shall pay sales and/or use tax on materials and taxable services.

SITEWORK 02 1000 SITE PREPARATION

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

02 1100 ROAD IMPROVEMENT & CONSTRUCTION

Contractor shall furnish materials for, and install, a twelve foot (12') wide gravel roadway from the road access to the work area, for truck and crane access to site. Contractor shall furnish & install culverts as necessary to prevent ponding or washing-out from normal surface runoff. Contractor shall obtain city, county, state and/or federal approvals for road approach and culvert work within or adjacent to right-of ways. Road shall be graded smooth, and edges dressed, at job completion.

02 2000 EARTHWORK & EXCAVATION

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

02 5000 PAVING & SURFACING

New paving shall be according to plans, or match existing adjacent paving. Asphalt paving shall be 2" bituminous topping over 4" asphaltic concrete, underlaid with 6" Class 5 or roadstone base. Concrete paying shall be 5" thick, reinforced with 6"x6" welded wire mesh or #3 steel bars 18" o.c.e.w., over a 3" sand cushion.

02 7800 POWER TO SITE

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

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

02 7900 TELCO TO SITE

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

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

Contractor to provide and install Carlon expansion joint connections at cabinets/shelter location per manufacturer's specifications and recommendations.

02 8000 SITE IMPROVEMENTS

Areas bounded by fence and adjacent to Cabinet Slab shall receive polyethylene geotextile, 200 mesh woven, topped with 3" deep 3/4" to 1 1/2" clean rock (no fines), raked smooth.

02 8001 FENCING

Fence to be 6' tall Weatherables Pembroke, vinyl privacy fence with pyramid post caps, "White" color. Posts to be buried min. of 60" below grade. Provide gates with a latching mechanism that is operable from both sides & is compatible with a Verizon supplied comination style padlock with extended shackle. Fence to be constructed by manufactures recommended specifications. Fence enclosures shall be completed within 7 days of tower erecting. (www.trexfencing.com)

02 8500 IRRIGATION SYSTEMS

Contractor shall provide temporary irrigation of new trees, shrubs, and sod, to be

02 9000 LANDSCAPING

Contractor to restore turf areas damaged by construction by preparing soil, seeding & watering to maintain grass survival for 1 year.

Contractor shall protect existing landscape elements that are not in the Scope of Work. Reasonable precautions shall be taken to assure the health of existing trees and shrubbery. If conflicts arise regarding the location of root systems, branch lines etc. the Designer must be contacted prior to performing Work that may cause damage. Damage resulting from disregard of this Article shall be compensated by the Responsible Party and at a cost to be determined by the Property Owner, Designer, and Owner. Contractor shall furnish and install new trees, shrubs, and sod. Watering shall be as described in 02 8500.

0.3 1000 CONCRETE FORMWORK

Concrete forms shall be dimensional lumber, modular, or steel.

0.3 8000 TOWER FOUNDATION

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

03 8001 CATHODIC PROTECTION

0.3 9000 EQUIPMENT CARINETS FOUNDATION

Contractor shall furnish & install materials for Equipment Cabinets foundation Concrete shall be $6\% \pm 1\%$ air entrained, and 4,000 psi at 28 days.

All reinforcing steel is to be Grade 60 (ASTM 615). Anchor bolts are furnished by Contractor. Contractor shall comply with the Owner's Standard CONSTRUCTION SPECIFICATIONS MINIMUM CONCRETE STANDARDS

MASONRY

N/A

METALS

05 0000 METALS

Contractor will furnish and install steel shapes and fabricated steel items not specifically furnished by Owner, and install Owner-furnished materials. Fabrication and erection of steel items per AISC standards. Welding shall conform to AWS standards. Fabrications shall be shop welded and galvanized before delivery to site unless noted otherwise.

Steel shapes shall meet ASTM A36 and steel pipe ASTM A53 Grade B. Steel shapes and fabrications shall be hot-dip galvanized per ASTM A123 with minimum coating thickness Grade 55 (2.2 mil). Bolts shall meet ASTM F3125 and U-bolts SAE J429 Grade 5 minimum. Bolts and hardware to be hot-dip galvanized per ASTM A153. Field repair of galvanized coatings shall be per ASTM A780.

WOOD & PLASTICS

THERMAL & MOISTURE

N/A

DOORS AND HARDWARE

FINISHES

09 9000 PAINTING

Contractor shall provide materials and labor for all painting indicated in the architectural documents and shall touch—up construction related scrapes & scratches with appropriate paint.

SPECIAL CONSTRUCTION

13 1260 CABLE BRIDGE, CANOPY, & ICE SHIFLDS

Contractor shall furnish & install materials for the Cable Bridge as indicated on the drawings and Verizon Wireless Standard Details

Contractor shall install Owner's antennas and feed lines during erecting. Contractor shall test and certify feed lines per current VZW standards.

13 3423 TRANSPORT AND SET EQUIPMENT CABINETS

Contractor shall provide crane(s) and/or truck for transporting, setting and erecting Equipment Cabinets per RFQ. Contractor shall install items shipped loose with the Equipment Cabinets.

13 3613 TRANSPORT AND ERECT TOWER/ANTENNA MOUNTS

Contractor shall schedule delivery of Owner-furnished Tower, and provide cranes for unloading and erecting. Contractor shall ensure the existence of a 3/8" cable safety climb (DBI/Sala or equal) on the Tower.

MECHANICAL

15 4000 PLUMRING

N/A

15 5000 HVAC

N/A

16 5000 LIGHTING AND FLECTRICAL

Contractor shall provide labor and materials as necessary to complete the work shown on Drawings including items shipped loose with the Equipment Cabinets

16 6000 CROLINDING

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

OWNER-FURNISHED EQUIPMENT & FEES

MONOPOLE TOWER ANTENNA FRAMES CARINETS COAX AND/OR CABLES ANTENNAS & DOWNTILT BRACKETS GPS & GPS MOUNTING BUILDING PERMIT FEES MATERIALS TESTING FEES SPECIAL INSPECTIONS FEES

CONTRACTOR-FURNISHED EQUIPMENT

POWER TO SITE TELCO TO SITE CABLE BRIDGE & ICE SHIFLDS

SITE PREPARATION SITE WORK & ROAD CONSTRUCTION CABINET SLAB & TOWER FOUNDATIONS SET EQUIPMENT CABINETS & ERECT TOWER ROUTING OF GROUND, POWER, FIBER & ALARM SITE GROUNDING **ELECTRICAL & TELEPHONE SERVICES** INSTALL ANTENNAS & CABLES CARLE BRIDGE & ICE SHIFLDS GRAVEL SURFACING & FENCING GRADING

Contractor to compare drawings against Owner's "Request for Quote", (RFQ). If discrepancies arise, Contractor shall verify with Owner that the RFQ supersedes the

LANDSCAPING

The Designer/E.O.R. makes no warranty, expressed or implied, on the structural adequacy for proprietary brackets, clips & parts from a manufacturer.



SPRING LAKE PARK, MN 55432 (612) 844-1234 WWW.HERZOGENGINEERING.COM

nin Professiona GROUNDING MATERIALS
FENCING
CONNECTORS, BOOTS, & RELATED HARDWARE

SCOPE OF WORK:
CONTRACTOR SHALL PROVIDE MATERIALS, LABOR, TOOLS, TRANSPORTATION, SUPERVISION, CETC. TO FULLY EXECUTE WORK. WORK REQUIREMENTS ARE DETAILED ON THE DRAWINGS AND SPECIFICATIONS AND SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOILOWING HERZOG The state of the s 05-09-2024 HF # 241229

DESIGN

9973 VALLEY VIEW RD. EDEN PRAIRIE, MN 55344 (952) 903-9299 WWW.DESIGN1EP.COM

verizon[,]

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

PROJECT 00210688.C.9136 LOC. CODE: 385855

SD09 WEST HARRISBURG

E. WILLOW ST. HARRISBURG, SD 57032

SHEET CONTENTS: OUTLINE SPECIFICATIONS

DRAWN BY CHECKED E TRR RFV A 05-03-24 REV. B 05-09-2

GENERAL GROUNDING NOTES:

An external buried ground ring (Lead 1) shall be established around the equipment cabinets and tower foundations. Lead 1 shall be kept 24" from foundations: if foundations are less than 48" apart, keep Lead 1 centered between them. If the tower base is over 20'-0" from the equipment cabinets, a separate Lead 1 shall be established around each foundation, and the two Lead 1s shall be bonded with two parallel leads at least 6 feet apart horizontally. Connections between the two Lead 1s shall be bi-directional

All subgrade connections shall be by exothermic weld, brazed weld, or gas-tight UL467-listed compression fittings pre-filled with anti-oxidant compound. Subgrade connections shall <u>not</u> be 'cold aalvanize' coated.

Lead 1 shall be #2 solid bare tin-clad (SBTC) copper wire buried at local frost depth. Lead 1 bends shall be minimum 24" radius. 'Whip' lead bends may be of 12" radius.

Ground rods shall be galvanized steel, 5/8"Ø, spaced twenty feet apart, or as shown. Rods shall be kept min. 24 inches from foundations. Ground rods are required to be installed at their full specified length. Depth shall be as shown in Detail 11.1 in the Verizon Wireless Standard Detail Booklet.

SPECIAL CONSIDERATIONS FOR GROUND RODS:

When ground rods are not specified to be backfilled w/ Bentonite Slurry: If boulders, bedrock, or other obstructions prevent driving of ground rods, the Contractor will need to have drilling equipment bore a hole for ground rod placement. Hole to be backfilled w/ Bentonite Slurry.

When specified with slurried Bentonite encasement, drilling equipment will be need to be used to be bore a hole for ground rod placement. Slurry shall be made from pelletized material ("Grounding Gravel"); powdered Bentonite is not allowed. If boulders, bedrock, or other obstructions are found. Contractor shall drill to the specified depth and provide Bentonite

Above-grade connections shall be by lugs w/ two-hole tongues unless noted otherwise, joined to solid leads by welding (T&B 54856BE "BROWN"), self-threading (RECOGNIZED, EM 2522DH.75.312), or 10,000psi crimping (BURNDY YA3C 2TC 14E2). Surfaces that are galvanized or coated shall have coating(s) removed prior to bolting. Bolts shall be stainless steel with flat washers on each side of the connection and a lock washer beneath the fastening nut. Star-tooth washers shall be used between lug & dissimilar metal (copper-to-steel, etc) but are not required between tin-clad CU lugs & tin-clad CU bus bars. Lug tongues shall be coated with anti-oxidant compound, and excess compound wiped clean after bolting. The connection shall then be coated with cold-galvanizing compound, or with color-matching paint.

Ground bars exposed to weather shall be tin-clad copper, and shall be clean of any oxidation prior to lug bolting.

Galvanized items shall have zinc removed within 1" of weld area. and below lug surface contact area. After welding or bolting, the joint shall be coated with cold galvanizing compound.

Ground Bar leads

Ground bars are isolated electrically from tower bottoms and equipment cabinets by their standoff mounts. Leads from each ground bar to the ground ring shall be a pair of #2 SBTC, each connected to Lead 1 bi-directionally with #2 SBTC 'jumpers'. Pairs of #2 SBTC may be required between ground bars. Leads shall be routed to around bars as follows:

- * The Main Ground Bar (MGB), typically mounted adjacent to the ILC (location varies).
- * The Port Ground Bars (PGB), mounted inside and outside on the equipment shelter walls beneath the transmission line port. Note: Transmission line grounds also attach to the PGBs.
- * The Tower Ground Bar (TGB) mounted at the base of the tower. Note: Transmission line grounds also attach to the TGBs.

NOTE: Contractor shall confirm that TGBs exist at 75-foot vertical intervals on any guyed or self-support tower, and that transmission lines are grounded to each TGB. Only the bottom-most TGB is isolated from the tower steel frame; upper TGBs may use the tower steel frame as common ground. requiring no copper leads between TGBs.

#2 SBTC Whip leads

"Whip" leads shall connect the buried external ground ring to the

Three whips to flanges on the monopole base at least 90 apart. If none are provided, attach to the baseplate or consult tower manufacturer.

Self-Support Towers:

* Two whips to flange(s) on each tower leg base. If none are provided, attach to the baseplate or consult tower manufacturer.

Guyed Towers:

Two whips to flange(s) on the tower base. If none are provided, attach to the baseplate or consult tower manufacturer. Establish a Lead 1 within the fence enclosure of each guy anchor, at least 40 foot perimeter and having 4 ground rods.

#2 SBTC leads shall extend up, and be clamped (bronze clamshell or equal), to any two guy wires. NEVER weld leads to the guy wires. The lead to the guy anchor 'hand' plate may be

Metallic fence within 25 feet of tower Lead 1, or within 6 feet of shelter lead 1, shall have whip leads as follows:

- Each corner post.
- Each pair of gate posts.
- Any line post over 20'-0" from a grounded post.
- Each gate leaf to its respective gatepost using braided strap (3/4", tin-clad copper w/ lug ends).
- Fences around guy anchors shall be grounded in similar

NEVER WELD to any fuel enclosure. NEVER penetrate the fuel containment. Metal tanks shall have one whip lead attached. Use an approved clamp or two-hole lug on an available flange.

Equipment Shelter/Platform and Other General Requirements (including but not limited to):

- Extend new Lead 21B up to shelter halo, remaking two-way connections as needed. Generator-equipped shelters have 6 such connections. Connections within the shelter shall be by compression: NEVER weld inside the shelter.
- Each vertical support pipe of the exterior cable bridge. Bridge end shall be kept at least 6" from the tower structure. The cable bridge shall be jumpered to the vertical support pipes with #2 SBTC at each vertical support pipe.
- Opposite corners of the steel equipment platform
- Opposite corners of the roof shield over the equipment
- Each HVAC unit shield, if separate (may be 'jumpered' to main roof shield).
- Each HVAC package unit.
- Commercial electric meter box.
- Generator receptacle, if present.
- Steel building skid, if shelter is metal frame.
- Each air intake or exhaust fan vent louver.
- Each generator vent hood or louver. Generator exhaust stack, external,
- Opposite corners of generator support frame, if separate from
- Generator fuel tank, if separate from generator unit.
- Host building rain gutter, downspouts, and roof flashings within 25 feet.
- Telco MPOP (Main Point of Presence), if external to equipment shelter.
- Within cable vaults, one each to the ladder and to the manhole rim.

Note: The door frame is connected to the interior ground halo, and need no separate connection to the external ground ring.

Inspection & Testing

Test lead #1 and around rods after installation but before backfilling or connecting to any other grounding, using the 3-point fall of potential method. Contractor to notify Verizon Wireless senior construction engineer at least 48 hours prior to testing. Document installation and test results with photographs.

General Contractor Notes:

- 1. Contractor to coordinate public & private utility locates prior to construction start. Notify the Designer & VZW Construction Engineer immediately of any utility line issues.
- 2. General contractor is responsible for confirming that the installation of all grounding meets the Verizon Network Standard Number "NSTD46" document titled "Cell Site and Microwave Radio Station Protection - Engineering Considerations".
- 3. Contractor shall ensure that each whip is routed to lead 1 by the shortest path, and bends shall not be less than 12" radius.
- Primary Electrical -
- Depth and specification by Power Utility Company. 5. Secondary Electrical -
- Install conduit 32" below grade with two (2) detectable ribbons.
- Install conduit 36" below grade with pull string, traceable wire and two (2) detectable ribbons.

SYMBOL AND NOTE LEGEND

- --(1)-- #2 SBTC AROUND CABINET SLAB, TOWER, OR GUY ANCHOR
 - 5/8" X 10'-0" GALVANIZED STEEL GROUND ROD TEST WELL PREFERRED LOCATION

---- #2 SBTC 'WHIP' LEAD

(2) #2 SBTC FROM MGB, PGB, OR TGB TO LEAD 1

6 AC HVAC LINIT

(21B) BC BUILDING CORNER

6 BO BOLLARD

6 CBS CABLE BRIDGE SUPPORT POST

4 EL ELECTRICAL SERVICE GROUND

6 FM COMMERCIAL ELECTRICAL METER

6 GUY ANCHOR PLATE 6 FP FENCE POST

(90) GEN GENERATOR

0 GP GATE POST, 3/4" BRAID STRAP TO LEAF

6 GPS GPS UNIT

6 GUY GUY WIRE, MECH. CLAMP ONLY - NO WELDS

6 н HOOD OR LOUVER

OUTSIDE OF HOFFMAN BOX

6 ILC INTEGRATED LOAD CENTER

(5) MGB MAIN GROUND BAR

6) MU GENERATOR MUFFLER (5) PORT GROUND BAR

6) RRR FOUNDATION REINFORCING

6 RS ROOF SHIELD

6 STEEL BEAM SB

6 SP STEEL POST

6) STP STEEL PLATFORM

6 TEL HOFFMAN BOX TGR TOWER GROUND BAR

(5) 6 TWR TOWER BASE

6 VP DIESEL FUEL VENT PIPE

Note:

Contractor to provide #2 solid bare tin-clad (SBTC) copper wire lead from #1 ground ring to air conditioner & ice shield if provided by VZW.



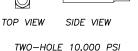
COMPRESSION FITTING

UL 9498 LISTED

NOTE: REMOVE GALVANIZING FROM FENCE POSTS IN AREAS LUGS WILL BE INSTALLED LIGHTLY COAT THE UNDERSIDE OF THE LUGS W/ ANTI-OX COMPOUND BEFORE ATTACHING TO POSTS.







TYPF VS

ROUND SURFACE



LEAD IDENTIFICATION & DESCRIPTION:

MAIN AC PANEL NEUTRAL BUS TO (2) GROUND

RING, EXTERNAL BURIED w/ RODS

RODS, ISOLATED FROM LEAD #1

AC PANEL TO WATER METER
EXT WATER TO INT WATER PIPES

2 DEEP ANODE (TO IMPROVE OHMS)

1A RING, CONCRETE ENCASED

5 RING TO GROUND BAR

RING TO RIDG STI FRAME

RING TO EXT MTI OBJECT

14 MGB/FGB TO BLDG STL FRAME

16A ECPGB TO CABLE ENTRY RACK

17B MGB/FGB TO F-O SPLICE SHELF

MGB/FGB TO BRANCH AC PNI

20A NEAREST GRND TO DISCONNECT PNI

ROOF TOWER RING TO ROOF GRND

24 ECPGB TO EACH PROTECTOR ASSEMBLY

23 MGB/FGB TO ECPGB, SAME FLOOR

23A MGR/FGR TO CXR-HE LINE PROT

24A LOWER PROT ASSY TO UPPER

19 IFAD 18 TO OTHER FCBs <6'

20B GWB TO AC DISTR PNI

21 MGB/FGB TO INT HALO

21A INTERIOR 'GREEN' HALO

21B INT HALO TO EXT RING

21C INT HALO TO EQUIPMENT MTL

18 LOWEST MGB/FGB TO HIGHEST FGB

17 MGB TO CABLE SHIELDING

17A ECPGB TO CABLE SHIELDING

14C MGB/FGB TO ROOF/WALL MTL PNL

15 MGB/FGB TO FGB-HE SAME FLOOR

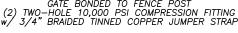
DEEP ANODE TO MGB

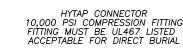
10 INT WATER PIPE TO MGB

11-12 NOT USED

16 NOT LISED

13 AC PANEL TO MGB



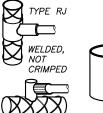


WELD: THOMAS & BETTS, 54856BE "BROWN33

CRIMP: BURNDY, YA3C 2TC 14E2, 10,000 PSI

SCREW: RECOGNIZED, EM 2522DH.75.312





TYPE RR

REINF. BAR





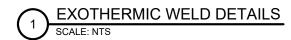








TYPE PT TYPE GL LUG





#6 I-STR

#2 I-STR

#6 I-STR

#2 SBTC

#2/0 I-STR

25 RING TO NEAREST LIGHTNING ROD

RING TO TOWER RING

RING TO SHELTER RING

#31 TO PCU FRAME

#31 TO DSU FRAME

#31 TO PDU FRAME

38 FGB TO PDU GB

41A MGB/FGB TO #58

47 FGB TO INTEG FRM

48 LEAD #31 TO INTEG FRM

PDU BTTY RET TO #51

53A MGB/FGB TO PDF/BDFB

58A #41A TO AISLE FRAME

60-89 NOT USED

54 MGB/FGB TO STATIC DEVICES

INTEG FRM TO EQUIP SHELF

42-44 NOT USED

37 MGB/FGB TO BTTY RETURN

27

28

31

32

3.3

36

51

#2 SBTC

#2 SBTC

#2 SRTC

ROD OR PIPE

NFC 250.66

(2) #2 SBTC

#2 SBTC

NSTD33-9

NSTD33-9

NSTD33-9

#2/0 I-STR

#1/0 I-STR

#2/0 I-STR

#1/0 I-STR

#6 I-STR

#6 I-STR

#1 I-STR

#2/0 I-STR

#2/0 I-STR

NEC 250.66

<u>#6 I-</u>STR

#6 I-STR

#2 I-STR

#2 I-STR

#2 SBTC

#6 I-STR

NFPA 780

#1 I-STR

#6 I_STR

#6 I-STR

#6 I-STR

RURNDY

RFI DFN

1/2"Ø I.D.

TUBULAR

RRAIDED

STRAP

YA6C 2TC 14

CRIMP LUG

26 LGHTNG ROD SYS TO NEARBY MTL

BRANCH AC PNL TO BTTY CHG FRM BRANCH AC PNL TO OUTLETS

MGB/FGB TO PWR. BTTY FRAMES

#31 TO BATTERY CHARGER FRAME

#31 TO BATTERY RACK FRAME

37A MGB/FGB TO RTN TERM CARR SUPP

38A FGB TO PDU GB CARRIER SUPPLY

39 DC BUS DUCT TO NEXT SECTION

MAIN AC PNL TO BRANCH AC PNL

BRANCH AC PNL TO DED OUTLET

#50 TO TRANS FRM ISO DC PWR

52 TRANS FRM FLISE TO FRM OR BAR

MGB/FGB TO CABLE AT ENTRY

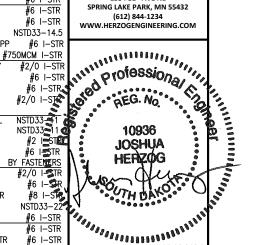
57A MGB/FGB TO CBL GRID/RUNWAY

59A #58A TO EACH SGL FRAME GRND

90 GENERATOR FRAME TO EXT RING

56 MGB/FGB TO AC PWR RADIO XMTTR

40 DC BUS DUCT TO MGB/FGB





05-09-2024

9973 VALLEY VIEW RD. EDEN PRAIRIE, MN 55344 (952) 903-9299 WWW.DESIGN1EP.COM

HE #: 241229

verizon^v

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

PROJECT 00210688 C 9136 LOC. CODE: 385855

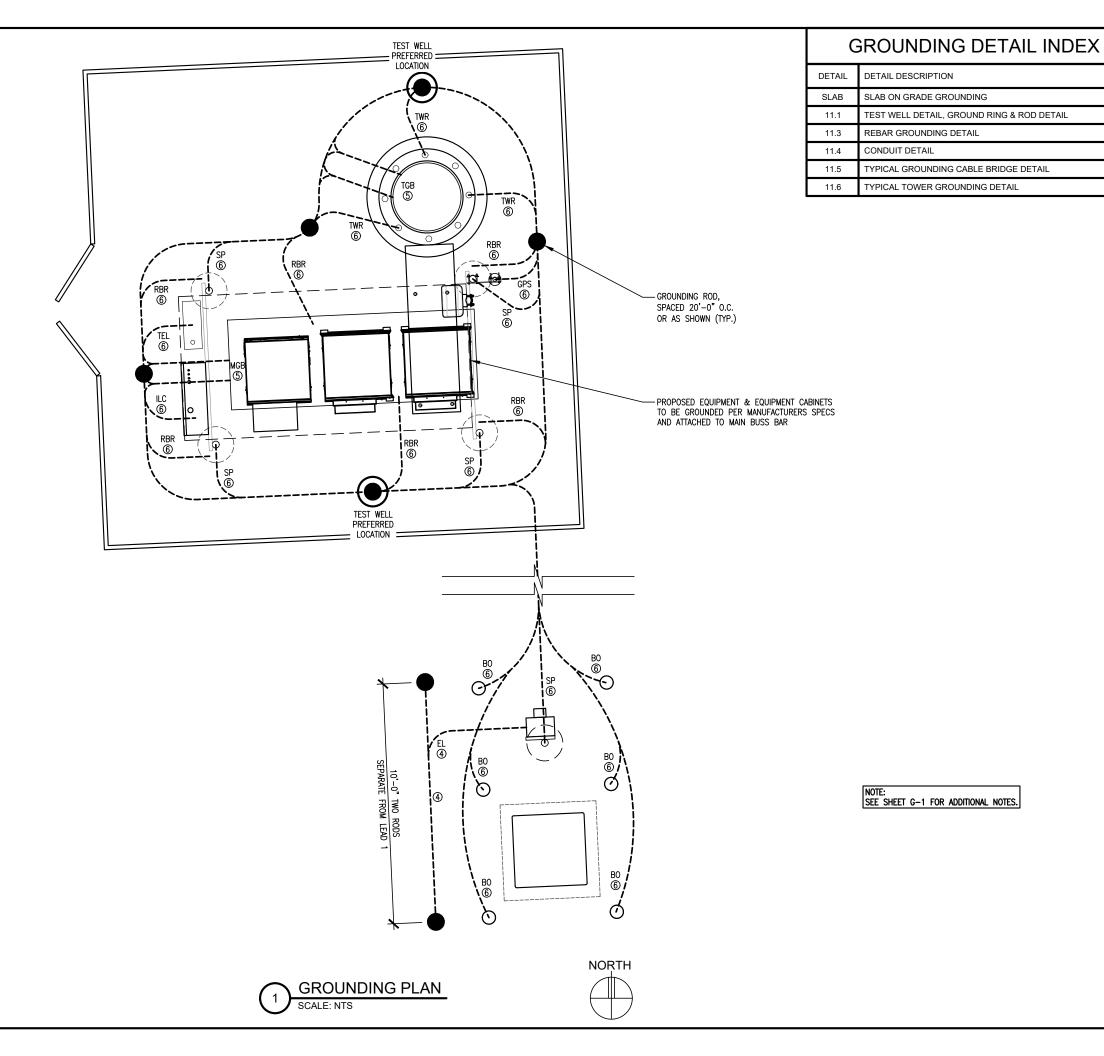
SD09 WEST HARRISBURG

E. WILLOW ST. HARRISBURG, SD 57032

SHEET CONTENTS: GROUNDING & LITH ITY NOTES

| DRAWN BY: | JP |
|-------------|----------|
| CHECKED BY: | TRB |
| REV. A | 05-03-24 |
| REV. B | 05-09-24 |
| | |
| | |
| | |

G-1



HERZOG ENGINEERING 1334 81ST AVE NE SPRING LAKE PARK, MN 55432 (612) 844-1234 WWW.HERZOGENGINEERING.COM

10936
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HERZOG

LOCATH DAKO.

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HE #: 241229

DESIGN

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

PROJECT 00210688.C.9136 LOC. CODE: 385855

SD09 WEST HARRISBURG

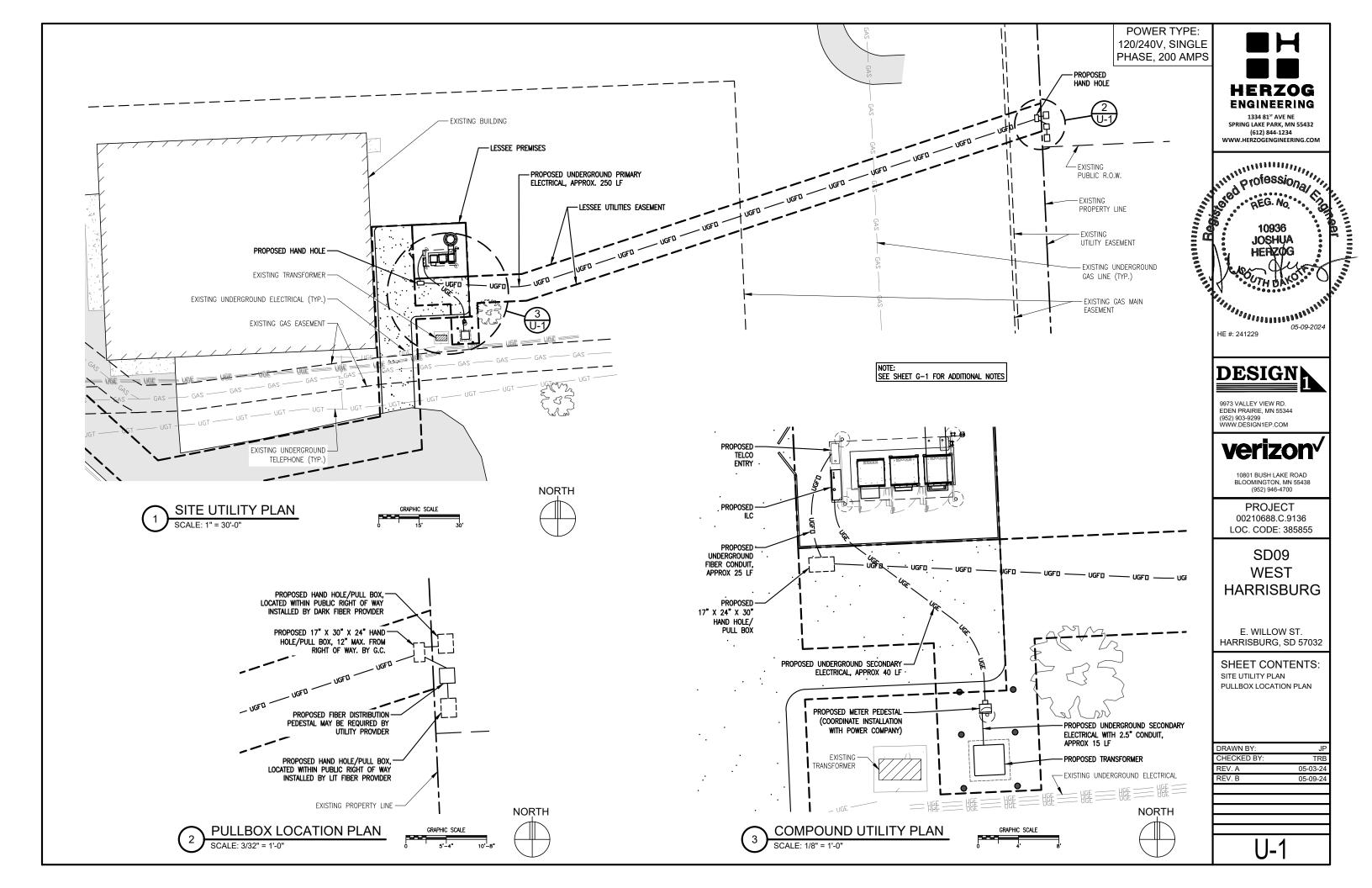
E. WILLOW ST. HARRISBURG, SD 57032

SHEET CONTENTS:

GROUNDING PLAN GROUNDING DETAIL INDEX

| DRAWN BY: | JP |
|-------------|----------|
| CHECKED BY: | TRB |
| REV. A | 05-03-24 |
| REV. B | 05-09-24 |
| | |
| | |

G-2



SITE SURVEY

Parent Parcel Description (per First American Title Insurance Company Title Commitment No. NCS-1173588-KCTY, Revision No. 1, dated March 8, 2024)

The Land referred to herein below is situated in the County of LINCOLN, State of SOUTH DAKOTA, and is described as follows:

TRACT NO. 1 OF SLACK HIGH SCHOOL ADDITION, LOCATED IN THE SOUTHWEST QUARTER (SW1/4) OF SECTION 35, TOWNSHIP 100 NORTH, RANGE 50 WEST OF THE 5TH P.M., CITY OF HARRISBURG, LINCOLN COUNTY, SOUTH DAKOTA, AS SHOWN ON THE PLAT RECORDED IN BOOK Z OF PLATS, PAGE 191, AND AS CORRECTED BY THE AFFIDAVIT RECORDED IN BOOK 27 OF MISCELLANEOUS, PAGE 2; LESS LOT 1 OF TRACT NO. 1 OF SLACK HIGH SCHOOL ADDITION, AS SHOWN ON THE PLAT RECORDED IN BOOK 2 OF PLATS, PAGE 223; AND LESS LOT H1, AS SHOWN ON THE PLAT RECORDED IN BOOK 15 OF PLATS, PAGE 108.

Schedule "B" Exceptions (per First American Title Insurance Company Title Commitment No. NCS-1173588-KCTY, Revision No. 1, dated March 8, 2024)

- 1-11. Not a plottable survey matter.
- 12. Statutory section line right—of—way across the south 33 feet of the Land pursuant to SDCL, Chapter 31—18, and as shown on the plat recorded in Book Z of Plats, Page 191. The right of way of Willow Street is as shown on the survey.
- 13. Right of Way Contract granted to Standard Oil Company, as set forth in instrument recorded July 8, 1941, in Book J of Miscellaneous, Page 435.
 —Assignment of Rights of Way to The American Oil Company, as set forth in instrument recorded March 3, 1961, in Book O of Miscellaneous, Pages 239—243.
 —Assignment and Conveyance to Kaneb Pipe Line Operating Partnership, L.P., as set forth in instrument recorded January 14, 1999, in Book 9 of Miscellaneous, Page 42.
 —Partial Release of Right of Way, as set forth and shown in instrument recorded September 12, 2008, in Book 18 of Miscellaneous, Page 818.
 Book 18 of Miscellaneous, Page 818 described a 100' wide Gas Main Easement. It is as
- shown on the survey.
- 14. Right of Way Contract granted to Standard Oil Company, as set forth in instrument recorded July 8, 1941, in Book J of Miscellaneous, Page 436.
 —Assignment of Rights of Way to The American Oil Company, as set forth in instrument recorded March 3, 1961, in Book O of Miscellaneous, Pages 239—243.
 —Assignment and Conveyance to Kaneb Pipe Line Operating Partnership, L.P., as set forth in instrument recorded January 14, 1999, in Book 9 of Miscellaneous, Page 42.
 —Partial Release of Right of Way, as set forth and shown in instrument recorded September 12, 2008, in Book 18 of Miscellaneous, Page 818.
 - Book 18 of Miscellaneous, Page 818 described a 100' wide Gas Main Easement. It is as shown on the survey.
- 15. Right—of—Way Easement granted to Lincoln County Rural Water System, Inc., as set forth in instrument recorded December 17, 1973, in Book T of Miscellaneous, Page 644.

 The easement calls for a 30' wide easement centered on the pipeline as constructed. A waterline was located along the north side of Willow St. The easement is as shown on the survey.
- 16. Right-of-Way Easement granted to Lincoln County Rural Water System, Inc., as set forth in instrument recorded December 17, 1973, in Book T of Miscellaneous, Page 646.

 Same as item 15 above.
- 17. Vested Drainage Rights, as set forth in instrument recorded April 12, 1991, in Book 1 of Miscellaneous, Page 898.
- The document does not provide a specific land description, and drain tiles were not observed during the survey.
- 18. Vested Drainage Rights, as set forth in instrument recorded April 8, 1992, in Book 2 of Miscellaneous, Page 135.

The document does not provide a specific land description, and drain tiles were not

- 19. Right-of-Way Easement granted to Lincoln County Rural Water System, Inc., as set forth in instrument recorded May 18, 2001, in Book 11 of Miscellaneous, Page 256.

 The easement calls for a 30' wide easement centered on the pipeline as constructed. Same as Item 15 above.
- 20. Right-of-Way Easement granted to Lincoln County Rural Water System, Inc., as set forth in instrument recorded May 18, 2001, in Book 11 of Miscellaneous, Page 259.
 The easement calls for a 30' wide easement in the SW1/4-SW1/4 of Section 35 and centered on the pipeline as constructed. The easement does not affect the proposed tower site. It is not shown on the survey.
- 21. Right-of-Way Easement granted to Lincoln County Rural Water System, Inc., as set forth in instrument recorded May 22, 2001, in Book 11 of Miscellaneous, Page 271.

 The easement calls for a 30' wide easement in the NW1/4-SW1/4 of Section 35 and
- The easement calls for a 30° wide easement in the NW1/4—SW1/4 of Section 35 and centered on the pipeline as constructed. The easement does not affect the proposed tower site. It is not shown on the survey.
- 22. Right-of-Way Easement granted to Lincoln County Rural Water System, Inc., as set forth in instrument recorded May 22, 2001, in Book 11 of Miscellaneous, Page 272.

 Same as Item 21 above.
- 23. Right—of—Way Easement granted to Lincoln County Rural Water System, Inc., as set forth in instrument recorded August 8, 2001, in Book 11 of Miscellaneous, Page 389.

 The easement calls for a 30' wide easement centered on the pipeline as constructed. A waterline was located along the north side of Willow St. The easement is as shown on the survey.
- 24. Covenants, conditions, restrictions and reservations contained in the Use Restriction/Option to Purchase recorded January 29, 2007, in Book 17 of Miscellaneous, Page 133.
- Not a plottable survey matter.
- 25. Covenants, conditions, restrictions and reservations contained in the Agreement to Allow Farming of Land, recorded January 29, 2007, in Book 17 of Miscellaneous, Page 134.

 Not a plottable survey matter.
- 26. Covenants, conditions, restrictions and reservations contained in the Agreement to Bring in Utilities, recorded January 29, 2007, in Book 17 of Miscellaneous, Page 135.

 Not a plottable survey matter.
- 27. Permanent Utility and Mutual Access Easement granted to the City of Harrisburg, South Dakota, as set forth and shown in instrument recorded December 11, 2008, in Book 18 of Miscellaneous, Page 1085.

 The easements are as shown on the survey.
- 28. The limitations, covenants, conditions, restrictions, easements, reservations, exceptions, terms, liens or charges contained in the Deed and Use Restrictions, recorded March 30, 2010, in Book 20 of Miscellaneous, Page 200.
 - Not a plottable survey matter.
- 29. Gas Easement granted to MidAmerican Energy Company, as set forth in instrument recorded September 16, 2016, in Book 26 of Miscellaneous, Page 537.
- The document calls for a 10' wide easement centered on the facilities as installed. A gas line was located during the time of survey. The easement is as shown.

 30. Agreement for Voluntary Right of Way Donation by and between the City of Harrisburg
- and Harrisburg School, as set forth and shown in instrument recorded March 6, 2019, in Book 29 of Miscellaneous, Page 111.

 The document is for a drainage easement in the southeast corner of the parent parcel.
- The document is for a drainage easement in the southeast corner of the parent parcel. The easement is as shown on the survey.
- 31. Utility easements 12 feet in width and public right—of—way 50 feet in width across portions of the Land, as shown on the plat recorded November 13, 2006, in Book Z of Plats, Page 191.
 - The easements and the public right of way is as shown on the survey.

-- Existing Curb & Gutter 12 - 🗕 .-----Bituminous Walkway - 13. and 14.) 100' wide Gas Main Easement per Bk 18, pg 818 Geothermal PRAIRIE SIDE TRAIL Grass - Existing Curb & Gutter per Bk 26, pg 537 **DETAIL**

SHEET 1 OF 2 SHEETS

observed during the survey.



SITE NAME: SD09 WEST HARRISBURG

Lincoln County, SD

No. Date REVISIONS By CHK APP'D FIELD WORK: 4/3/24 & 4/4/24 CHECKED BY: BTB DRAWN BY: TW

I HEREBY CERTIFY THAT THIS LAND SURVEYING
DOCUMENT WAS REVIEWED BY ME AND THAT LAMA
DULY LICENSED LAND SURVEYOR UNDER THE DIWS OF
THE STATE OF SOUTH DAKOTA

SURVEYOR STATE OF SOUTH DAKOTA

DATE: 5/1/24

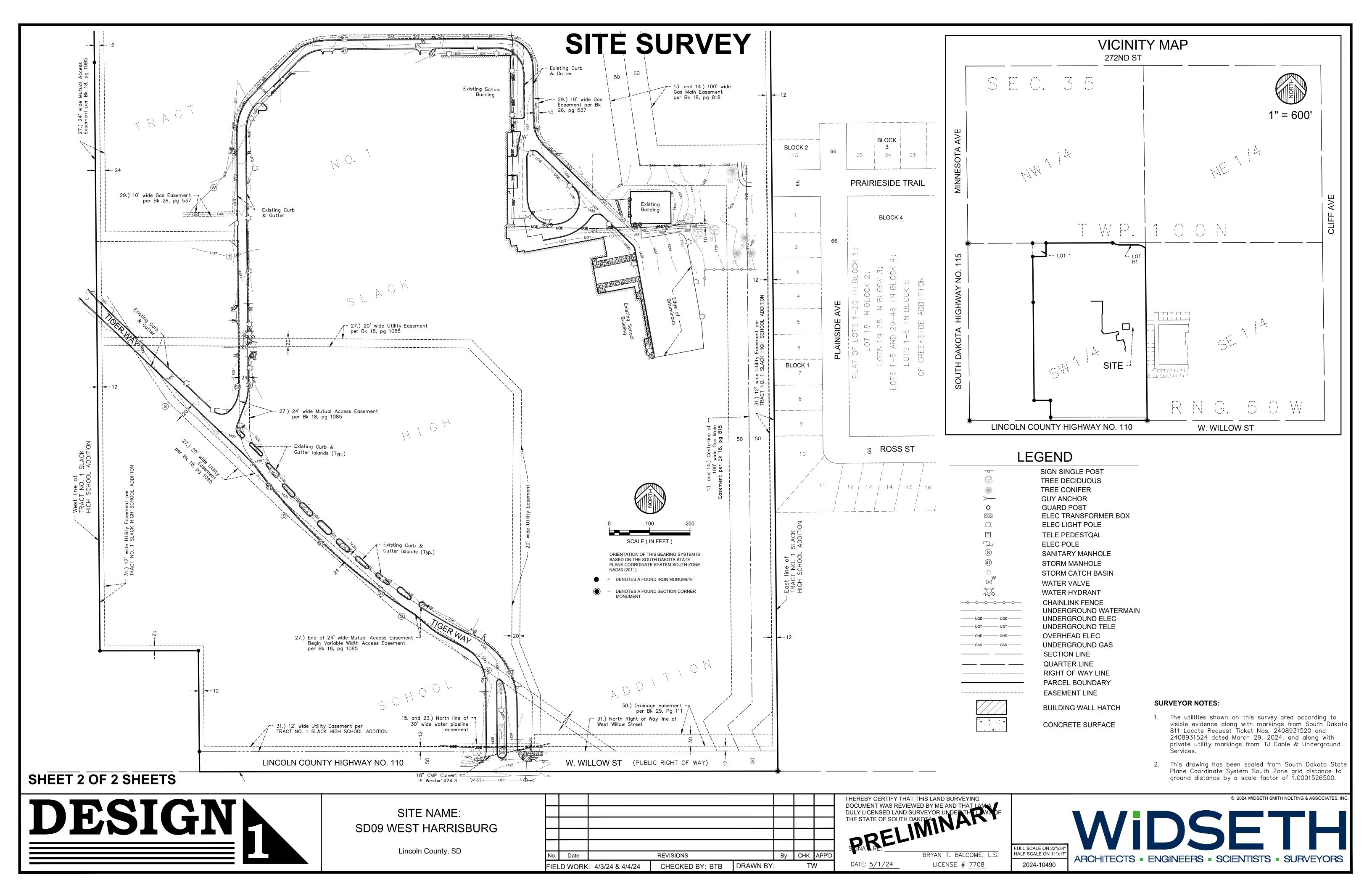
BRYAN T. BALCOME, L.S.

LICENSE # 7708

FULL SCALE ON 22"x34"
HALF SCALE ON 11"x17"
2024-10490

ARCHITECTS - ENGINEERS - SCIENTISTS - SURVEYORS

© 2024 WIDSETH SMITH NOI TING & ASSOCIATES IN





AA OE/AAA Offices

/iew Determined Cases

/iew Proposed Cases

/iew Supplemental Notices Form 7460-2)

Search Archives

Jownload Archives Jownload Correspondence

Sincle Search for Cases

Circle Search for Airports

General FAQs

iG FAQs

Discretionary Review FAQs Votice Criteria Tool

Distance Calculation Tool

DE/AAA Account

New User Registration

nstructions

AA Acronyms

orms

Regulatory Policy

Relevant Advisory Circulars

ight Outage Reporting

Jseful Links

State Aviation Contacts In Airport Contacts

Off Airport Contacts

Notice Criteria Tool

Notice Criteria Tool - Desk Reference Guide V_2018.2.0

The requirements for filing with the Federal Aviation Administration for proposed structures vary based on a number of factors; height, proximity to an airport, location, and frequencies emitted from the structure, etc. For more details, please reference CFR Tille 14 Part 77.9.

- more declars, please releterate CFK life 14-rat 77.9.

 You must file with the FAA at least 45 days pirot to construction if:

 your structure will exceed 200ft above ground level

 your structure will be in proximity to an airport and will exceed the slope ratio

 your structure involves construction of a traverseway (i.e. highway, railroad, waterway etc...) and once
 adjusted upward with the appropriate vertical distance would exceed a standard of 77.9(a) or (b)

 your structure will enth frequencies, and does not meet the conditions of the FAA Co-location Policy

 your structure will be mistrument approach area and might exceed pat 77.9 Subpart C

 your structure will be in proximity to a navigation facility and may impact the assurance of

 your structure will be on an airport or heliport

 filing has been requested by the FAA

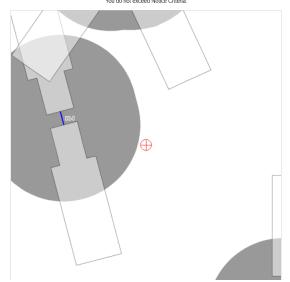
If you require additional information regarding the filing requirements for your structure, please identify and contact the appropriate FAA representative using the Air Traffic Areas of Responsibility map for Off Airport construction, or contact the FAA Airports Region / District Office for On Airport construction.

The tool below will assist in applying Part 77 Notice Criteria.



Results

You do not exceed Notice Criteria.



* Federal Airways & Airspace

*

* Summary Report: New Construction

*

* Antenna Structure

*

Airspace User: Kathryn Elasky

File: WESTHARRISBURG

Location: Harrisburg, SD

Latitude: 43°-26'-7.59" Longitude: 96°-

43'-6.37"

SITE ELEVATION AMSL.....1433 ft. STRUCTURE HEIGHT......99 ft. OVERALL HEIGHT AMSL.....1532 ft.

NOTICE CRITERIA

FAR 77.9(a): NNR (DNE 200 ft AGL)
FAR 77.9(b): NNR (DNE Notice Slope)
FAR 77.9(c): NNR (Not a Traverse Way)

FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria for

Y14

FAR 77.9: NNR FAR 77.9 IFR Notice for FSD FAR 77.9(d): NNR (Off Airport Construction)

NR = Notice Required

NNR = Notice Not Required

PNR = Possible Notice Required (depends upon actual IFR

procedure)

For new construction review Air Navigation Facilities at

bottom

of this report.

Notice to the FAA is not required at the analyzed location and height for $% \left(1\right) =\left(1\right) +\left(1\right) +$

 $\,$ section for notice requirements for offset IFR procedures and $\,$ EMI.

OBSTRUCTION STANDARDS

FAR 77.17(a)(1): DNE 499 ft AGL

FAR 77.17(a)(2): DNE - Airport Surface

```
FAR 77.19(a): DNE - Horizontal Surface
FAR 77.19(b): DNE - Conical Surface
FAR 77.19(c): DNE - Primary Surface
FAR 77.19(d): DNE - Approach Surface
FAR 77.19(e): DNE - Approach Transitional Surface
FAR 77.19(e): DNE - Abeam Transitional Surface
     VFR TRAFFIC PATTERN AIRSPACE FOR: Y14: MARV SKIE-LINCOLN COUNTY
     Type: A RD: 22167.8 RE: 1515
       FAR 77.17(a)(1): DNE FAR 77.17(a)(2): DNE - Height No Greater Than 200 feet
AGL.
       VFR Horizontal Surface: DNE
       VFR Conical Surface: DNE
       VFR Primary Surface:
                                    DNE
       VFR Approach Surface: DNE
       VFR Transitional Surface: DNE
     VFR TRAFFIC PATTERN AIRSPACE FOR: FSD: JOE FOSS FLD
     Type: A RD: 50385.23 RE: 1422.3
       FAR 77.17(a)(1): DNE FAR 77.17(a)(2): DNE - Greater Than 5.99 NM.
       VFR Horizontal Surface: DNE
       VFR Conical Surface: DNE
       VFR Primary Surface:
                                    DNE
       VFR Approach Surface: DNE
       VFR Transitional Surface: DNE
     TERPS DEPARTURE PROCEDURE (FAA Order 8260.3, Volume 4)
        FAR 77.17(a)(3) Departure Surface Criteria (40:1)
       DNE Departure Surface
     MINIMUM OBSTACLE CLEARANCE ALTITUDE (MOCA)
       FAR 77.17(a)(4): DNE - No Airway Found
     PRIVATE LANDING FACILITIES
       FACIL
                                                     BEARING RANGE DELTA
ARP FAA
       IDENT TYP NAME
                                                     To FACIL IN NM
ELEVATION IFR
       2SD6 HEL AVERA HEART HOSPITAL OF SOUT 321.31
                                                                 4.3
+55
       No Impact to Private Landing Facility
       Structure is beyond notice limit by 21127 feet.
       2SD1 HEL MC KENNAN HOSPITAL
                                                          1.45 5.92
+22
       IFR
       No Impact to Private Landing Facility
       Structure is beyond notice limit by 30971 feet.
```

AIR NAVIGATION ELECTRONIC FACILITIES

FAC ST DIST DELTA

GRND APCH

IDNT TYPE AT FREQ VECTOR (ft) ELEVA ST LOCATION

ANGLE BEAR

---- ------ -- ----- ------

____ ____

FSD LOM I 306.16 36277 +4 SD RWY 03 JOE

FOSS F .01

No Impact. Does Not Exceed NDB Notice Height Criteria.

FS NDB I 24 306.02 36294 +4 SD ROKKY

.01

No Impact. Does Not Exceed NDB Notice Height Criteria.

FSD RADAR ASR I 2710. 351.42 55358 +14 SD JOE FOSS

TELD .01

Alert. Object Does Not Require Notice to the FAA based upon

EMI.

Maximum Not To Exceed Notice Height is: 1805 ft AMSL

FSD RADAR WXL Y 357.14 55596 +37 SD SIOUX FALLS

.04

 $\,$ Alert. Object does not require notice to the FAA based upon $\,$ EMI.

Objects not classified as Large are not considered.

FSD VORTAC R 115.0 348.00 79766 -39 SD SIOUX FALLS -.03

5G AIRPORT SAFETY AREA

No Identified 5G conflict.

CFR Title 47, \$1.30000-\$1.30004

 $\,$ AM STUDY NOT REQUIRED: Structure is not near a FCC licensed AM station.

Movement Method Proof as specified in \$73.151(c) is not required.

Please review 'AM Station Report' for details.

Nearest AM Station: KWSN @ 4583 meters.

Airspace® Summary Version 24.1.694

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05-09-2024

18:09:32

City of Harrisburg Notice of Public Hearing Planning Commission

Notice is hereby given that the Harrisburg Planning Commission will hold a Public Hearing on March 11, 2025 at 6:00 p.m. or shortly thereafter in the Heritage Board Room, 200 E Willow Street, Harrisburg, SD. The hearing is to receive public input on a request for a Conditional Use Permit for a telecommunications facility on the property legally described Tract No. 1, Slack High School Addition (Parcel ID: 270.73.00.100).

The Planning Commission invites all interested people to attend and offer their comments. Those unable to attend may submit comments in writing, prior to the hearing, to: Harrisburg Planning & Zoning Administrator, PO Box 26, Harrisburg, SD 57032. In compliance with the Americans with Disabilities Act (ADA), if you need special assistance to participate in this hearing, please contact the Planning & Zoning Administrator at (605) 743-5872. Anyone who is deaf, hard-of-hearing, or speech-disabled may use Relay South Dakota at 711 (TTY/Voice). Notification 48 hours prior to the hearing will enable the city to make reasonable arrangements to ensure accessibility to this hearing.

Chad Huwe
Planning & Zoning Administrator
City of Harrisburg
Publish February 27, 2025
Published once at the approximate cost of \$______



301 E WILLOW STREET • PO BOX 26 • HARRISBURG SD • 57032 PHONE: 605-743-5872

Agenda Item Staff Report

Date: March 11, 2025

To: Planning Commission

From: Planning and Building Services

Agenda Item:

Rezone Lot 2 Block 1 of the Rix Addition to the City of Harrisburg, Lincoln County, South Dakota from R-3 Multi-Family Residential to GB General Business.

Public Hearing: ☑ Business Item: ☑ Informational: □

Information:

The applicant is Micheal Verley of S&Z, LLC.

Attachments:

Application Exhibit Notice of Public Hearing

Staff Recommendation:

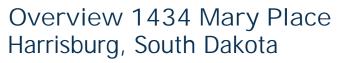


Zoning Amendment Application



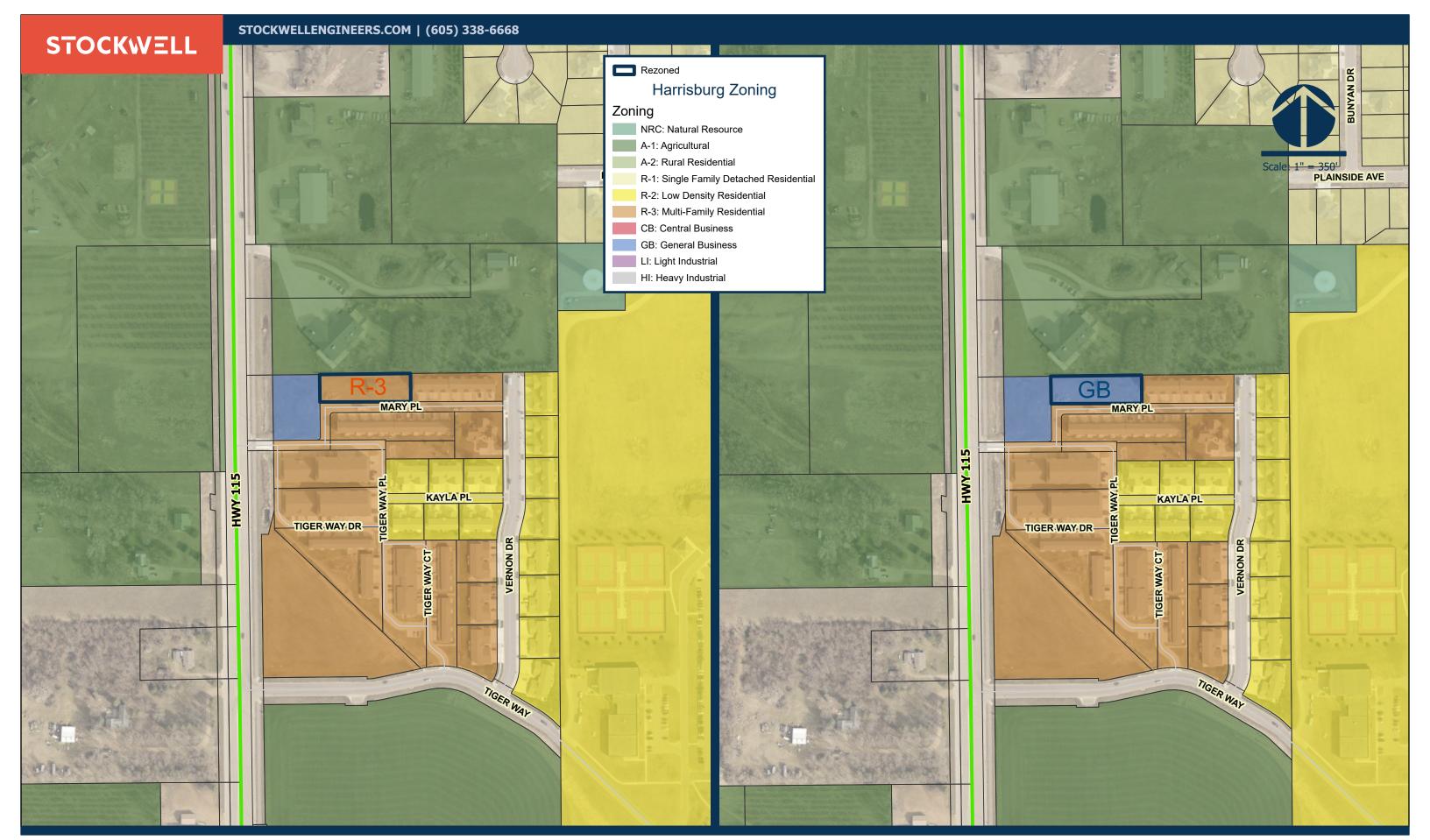
| Application Date: | |
|---|---|
| Property Address: 1434 Mary Pl | Planning and Zoning 301 E. Willow Street |
| Legal Description: Lot 2 Block 2 Rix Add | Harrisburg, SD 57032 |
| Property size (acres): | buildingservices@harrisburgsd.g |
| Current Zoning District: Multifamily | d # 270.84.01.002 |
| Proposed Zoning District: General Basiless 1 Horce | g # 2 10.01.002 |
| Purpose/Reason for zoning change request: | |
| | |
| | |
| Applicant Name: 5 + 2, L- (Micheal Ver 10 | ² y |
| Applicant Name: 5+2, LLC/Micheal Ver (a) Mailing Address: 27091 S. Talsgrass De | / |
| City/State/Zip: Sian Fall, SD 57108 Ste 103 | |
| Phone: 605 - 351-3010 Email: MSV @ MV 605. C | Com |
| Applicant Signature Dat | e 2-12-2028 |
| | |
| Property Owner: 5+2, LLC | |
| Mailing Address: 27091 S. Tallgrass tre Stc/03 | |
| City/State/Zip: 100x Falls, 50 57108 | |
| Phone: 6 <5 - 351-3010 Email: MSV@ MV 605, Com | <u> </u> |
| | |
| I/we hereby petition to change the zoning classification of t | |
| Legal Description: Lot 2 Block 1 Rix Ald, C | ity of Horrispung |
| M(1/M/l/ | Date 2-12-2015 |
| Property Owner Signature // // // | _ Date |
| | |











Existing Zoning





City of Harrisburg Notice of Public Hearing Planning Commission

Notice is hereby given that the Harrisburg Planning Commission will hold a Public Hearing on March 11, 2025 at 6:00 p.m. or shortly thereafter in the Heritage Board Room, 200 E Willow Street, Harrisburg, SD. The hearing is to receive public input on a request for a zoning amendment on the property legally described as Lot 2, Block 1, Rix Addition (Parcel ID: 270.84.01.002).

The Planning Commission invites all interested people to attend and offer their comments. Those unable to attend may submit comments in writing, prior to the hearing, to: Harrisburg Planning & Zoning Administrator, PO Box 26, Harrisburg, SD 57032. In compliance with the Americans with Disabilities Act (ADA), if you need special assistance to participate in this hearing, please contact the Planning & Zoning Administrator at (605) 743-5872. Anyone who is deaf, hard-of-hearing, or speech-disabled may use Relay South Dakota at 711 (TTY/Voice). Notification 48 hours prior to the hearing will enable the city to make reasonable arrangements to ensure accessibility to this hearing.

Chad Huwe
Planning & Zoning Administrator
City of Harrisburg
Publish February 27, 2025

Published once at the approximate cost of \$ _____



301 E WILLOW STREET • PO BOX 26 • HARRISBURG SD • 57032 PHONE: 605-743-5872

Agenda Item Staff Report

Date: March 11, 2025

To: Planning Commission

From: Planning and Building Services

| Agenda Item: Plat of Tracts 1, 2, 3, Agreement. | and 4 of Dakota Farms A | ddition and Pre-Annexation | |
|---|-------------------------|----------------------------|--|
| Public Hearing: □ | Business Item: ☑ | Informational: □ | |

Information:

- The applicant is Leonard Decker.
- The property is on the southeast corner of the intersection of 275th Street and 476th Avenue.
- This land is outside of Harrisburg city limits but is in Harrisburg's platting subdivision authority.
- This plat creates four, five-acre residential lots for ownership transfer.
- The parent parcel has four existing housing eligibilities.
- The plat dedicates 50 feet of right of way on the south side of 275th Street and the applicant has received an access permit from Dayton Township.
- The pre-annexation agreement outlines the process of voluntary annexation in the future.
- This land is identified for future industrial use in the City's comprehensive plan.

Attachments:

Application
Plat
Pre-Annexation Agreement

Staff Recommendation:

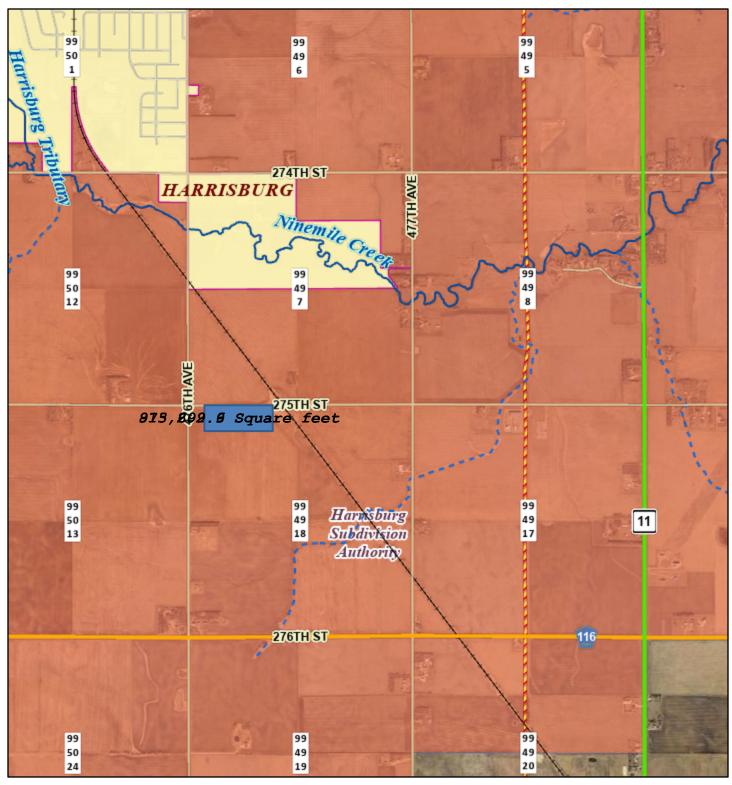
City of Harrisburg

301 E Willow St Harrisburg, SD 57032 (605) 767-5010

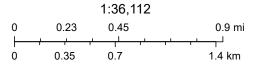


This approval is issued under municipal ordinance 2017-03 of the City of Harrisburg to subdivide land within the City's jurisdiction. Approval expires if plat is not recorded within 90 days of issuance. Provide all information requested throughout the form. Strikeout items that are not applicable. Deliver completed form to City Hall.

| Name: LONGVO DECKOV Phone: 605-3195 Address: 29007 477th AVE City: CONTON State: St. Zip: 570 [] Email: LIONAVASVA dalotastaclono Turm, Co. Surveyor | established are not eligible for building | g permits. roperty lines. development. |
|--|--|--|
| Name: Jeffery C. Schlevelbein SD License No: 10141 Company: Midwest Land Surveying, Inc. Email: Jeffs@midwestlandsurveying.com Total Area Subdivided: 20.03 acres Parent Parcel Legal Description Government Lots 1&2 NW1/4 18-T99N-R49W, 5th P.M., Lincoln Co., SD Proposed Legal Description: Tracts 1, 2, 3 and 4 of Dakota Farms Addition NW1/4 18, T99N, R49W, 5th P.M., Lincoln Co., SD The Plat includes private streets The Plat includes lands established for private facilities | Applicant Name: Jonava Joca Title: Jowne I hereby acknowledge that the information I ham authorized to submit this Plat Application a the City of Harrisburg's Subdivision Regulation: Applicant Signature | ave provided is correct, that I |
| | Use Only | |
| Prerequisites (SR 2.5.2) Approved Preliminary Subdivision Plan | Associated Fees | |
| Approved Engineering Submittals | Plat Application Fee (\$400) | \$ 400.00 |
| Assurances (SR 4.1) | Stormwater Basin Dev Fee (\$100 per lot) | \$ 400.00 |
| Public improvements are required or in progress to serve the lands established. A subdivision construction agreement, | Arterial Street Imp Fee (\$1000 per platted acre) | \$ |
| performance security and infrastructure permit is required. | Open Space Contributions * | |
| The plat is within the City's Unincorporated Platting Jurisdiction (UPJ). Annexation Agreement is required. | Columbia CRF | \$ |
| | /D 2000 15 17 17 17 17 17 | \$ |
| Exemptions (SR 4.3) The Authorized Official has determined the plat meets the | Nielson Water Main CRF (Res 2018-25 \$302.29 /acre) | \$ |
| definition of a minor plat per SR 4.3.1 and is therefore exempt | 8 Nielson Sanitary Sewer CRF | \$ |
| from the Preliminary Plan approval process. The plat is a government use plat or cemetery grave plat and is | | |
| exempt from the City's subdivision Regulations per SR 4.3.2. | (Res 2018-27 \$398.75/acre) | \$ |
| Accompaniments | ば (Res 2020-06 \$1881 55 /acre) | \$ |
| Non Refundable Application Fee (Required) | Westside Sewer CRF | \$ |
| Signed Mylar Original (Required) Signed Annexation Agreement (Required in UPJ) | (Res 2021-22 \$2541.80/acre) | |
| Signed Subdivision Construction Agreement | Total Fees | \$ 800.00 |
| Performance Securities - Signed-Infrostructure Permit | Deferred per pre-annexation agreement. | |
| Other: | Department Use | |
| Reviews Satisfied | Application No: D | ate: |
| Authorized Official (Required) City Engineer (Required) City Planning & Zoning Commission (Required in UPJ) City Council (Required in UPJ) | Issued by: | - |



3/9/2025, 10:11:57 AM



Maxar

STOCKWELL

June 6, 2024

via email
Mr. Andrew Pietrus
City of Harrisburg
andrew.pietrus@harrisburgsd.gov

04_24039 | SEI No. Plat for Review | Encl Jeffery Schievelbein, Midwest Land Surveying | Cc

Chad Huwe, Stockwell Engineers | Cc Mitch Mergen, Stockwell Engineers | Cc

Re: Plat for Review

Tracts 1, 2, 3 and 4 of Dakota Farms Addition

Dear Mr. Pietrus:

Enclosed please find a plat prepared by a Surveyor licensed and in good standing with the State of South Dakota. Stockwell Engineers reviewed and provided comments as a courtesy to aid the applicant in preparing Its submittals. Compliance with state and local ordinances or other governing agencies is the responsibility of the applicant and its agents. Copies of the City's subdivision regulations, design standards and local ordinances are available at City Hall for the applicant's reference. The Surveyor of record is responsible to ensure the submittals uphold the City's and all other governing agency's requirements in full.

The Surveyor addressed our comments to our satisfaction. We have no further comments and offer our recommendation to accept the plat as an accompaniment to the Subdivider's application. The Surveyor shall certify the plat and deliver final copies to city hall for approval and recording. The application shall also be accompanied by the appropriate fees and annexation agreement. If there are questions regarding our correspondence, please contact our office.

Respectfully submitted,

STOCKWELL ENGINEERS, INC.

Ross Kuchta, PE Project Engineer

ENGINEERING / LANDSCAPE ARCHITECTURE / SURVEYING

STOCKWELLENGINEERS.COM / 605.338.6668 / SIOUX FALLS / YANKTON

PLAT OF TRACTS 1, 2, 3 AND 4 OF DAKOTA FARMS ADDITION

IN THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 99 NORTH, RANGE 49 WEST OF THE 5TH PRINCIPAL MERIDIAN, LINCOLN COUNTY, SOUTH DAKOTA.

| | - |
|--|---|
| SURVEYOR'S CERTIFICATE | LINCOLN COUNTY HIGHWAY AUTHORITY |
| I, Jeffery C. Schievelbein, a Registered Land Surveyor in the State of South Dakota, do hereby state that I did, on or before this date, survey a portion of Government Lots 1 and 2 of the Northwest Quarter of Section 18, Township 99 North, Range 49 West of the 5th Principal Meridian, Lincoln County, South Dakota, and platted the same into Tracts 1, 2, 3 and 4 of Dakota Farms Addition in the Northwest Quarter of Section 18, Township 99 North, Range 49 West of the 5th Principal Meridian, Lincoln County, South Dakota, as shown on the foregoing PLAT. | I,(Name),(Title) of the (Agency), do hereby certify that that the location of the proposed access to an abutting subdivision street from the existing public street or highway is hereby approved and any change in the location of said access streets shall require additional approval. By. |
| The same shall be known and described as <u>TRACTS 1, 2, 3 AND 4 OF DAKOTA FARMS</u> ADDITION IN THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 99 NORTH, RANGE 49 WEST OF THE 5TH PRINCIPAL MERIDIAN, LINCOLN COUNTY, SOUTH DAKOTA. | TITLE: |
| I further certify that the above PLAT correctly represents the same, is true and correct and that it was made at the request of the owners. | CITY PLANNING COMMISSION |
| ADDITION IN THE NORTHWEST QUARTER OF SECTION 18. TOWNSHIP 99 NORTH, RANGE 49 WEST OF THE 5TH PRINCIPAL MERIDIAN, LINCOLN COUNTY, SOUTH DAKOTA. I further certify that the above PLAT correctly represents the same, is true and correct and that it was made at the request of the owners. Dated this day of, 20 | Be it resolved by the Planning Commission of the City of Harrisburg, South Dakota that this plat be approved and that the same be presented to the City Council with the recommendation to adopt said plat. Approved thisday of, 20 |
| Jeffery C. Schievelbein, Registered Land Surveyor No. 10141 OWNER'S CERTIFICATE | Chairman City of Harrisburg Planning Commission |
| Jeffery C. Schievelbein, Registered Land Surveyor No. 10141 | CITY COUNCIL RESOLUTION |
| We, the undersigned, do hereby certify that we are the owners of all land included in the above plat and that said plat has been made at our request and in accordance with our instructions for the purposes of transfer, and that the development of this land shall conform to all existing applicable zoning, subdivision and erosion and sediment control regulations. | Whereas this Plat has been examined by the City Council of Harrisburg and it appears to the City Council that the system of streets set forth therein conforms to the system of streets of the existing plats of the City, that all provisions of the City's subdivision regulations have been complied with, that all taxes and special assessments upon the tract or subdivision have been fully paid, and that such plat and the survey thereof have been executed according to law. |
| We hereby dedicate to the public for public use forever the streets, roads and alleys, parks and public grounds, if any, as shown on said Plat, including all sewers, culverts, bridges, water distribution lines, sidewalks, and other improvements on or under the streets, alleys, parks, and public grounds whether such improvements are shown or not. We also hereby grant easements to run with the land for water, drainage, sewer, gas, electric, telephone, or other public utility lines or services under, on, or over those strips | Now therefore, be it resolved by the City Council of Harrisburg, South Dakota that said plat is hereby approved, and the City Finance Officer is hereby directed to endorse on said plat a copy of this resolution and certify the same thereon. Approved this day of, 20 |
| of land designated hereon as easements for the purposes of constructing, maintaining, repairing, and improving said facilities. The owner, their lessees and assignees shall, at their own expense, keep the easement area in good repair and clear of obstructions. No | Mayor City of Harrisburg, South Dakota |
| improvements of any kind may be erected within an easement which might interfere in any way with the proper maintenance, use, repair, reconstruction, and patrolling of the easement. This covenant shall run with the land. | FINANCE OFFICER CERTIFICATE |
| We further certify the above plat is a Transfer of Ownership Plat subject to provisions of SDCL 11-6-40.1. The lands established herein are not eligible for building permits or incorporating new easements. The entire development process and updated plat is required before a building permit will be allowed. We hereby waive any rights of protest to any special assessment program which may be | I,, the duly appointed, qualified and acting Finance Officer of the City of Harrisburg, South Dakota, hereby certify that the certificate of approval is true and correct including the signature thereon, and that any special assessments which are liens upon the land shown in the above Plat, as shown by the records in my office, on this day of, 20, have been paid in full. |
| initiated for the purpose of installation of improvements required by the Subdivision Ordinance of the City of Harrisburg. | City Finance Officer |
| We do hereby certify that this re-plat will not place any existing lot or building in violation of any applicable ordinance, code, regulation, or law including but not limited to | City of Harrisburg, South Dakota TREASURER |
| zoning, building, subdivision, and flood prevention. | I, the Treasurer of Lincoln County, South Dakota, do hereby certify that all taxes which are liens upon any land shown in the above plat, as shown by the records of my office have been paid in full. |
| Dated this, 20 | Dated this Day of, 20 |
| By: Dakota Farms, LLP | TREASURER Lincoln County, South Dakota DIRECTOR OF EQUALIZATION |
| Its: | l, the Director of Equalization of Lincoln County, South Dakota, do hereby certify that a copy of the above and foregoing described plat has been filed in my office. |
| State of County of | Dated this Day of, 20 |
| On this the day of, 20, before me, the undersigned officer, personally appeared, who acknowledged themselves to be the of Dakota Farms, LLP, a South Dakota limited liability | DIRECTOR OF EQUALIZATION Lincoln County, South Dakota |
| partnership, and that they, as such being authorized so to do, executed the foregoing instrument for the purposes therein contained, by signing the name of the LLP by themselves as | REGISTER OF DEEDS |
| In witness whereof I hereunto set my hand and official seal. | Filed for record this day of, 20, at |
| Notary Public — State of My Commission Expires: | o'clock,m., and recorded in Book of Plats on Page |
| iny commission Expires. | REGISTER OF DEEDS Lincoln County, South Dakota |
| | |
| | |
| | |



PREPARED BY: City of Harrisburg 301 E Willow Street Harrisburg, SD 57032 605.743.5872

PRE-ANNEXATION AGREEMENT

This Pre-Annexation Agreement (the "Agreement") is made and entered into by and between the City of Harrisburg (the "City") and the undersigned property owners (the "Owner"). The purpose of this Agreement is to set forth the terms and conditions for the voluntary annexation of the Subdivision (defined below) by the City of Harrisburg.

The City and the Owners understand that the City's growth will eventually result in the City's municipal boundary becoming adjacent to the boundary of the Subdivision and that the annexation of the Subdivision will then be possible.

For and in consideration of the annexation of the property described below and the mutual promises set forth herein, the parties agree as follows:

 Pursuant to SDCL 9-4-1.1, the owners of the property within the Subdivision will submit a Petition for Voluntary Annexation (the "Petition") within sixty days of receipt of a request by the City for the annexation of the real property described as follows

20.03 Acres of Tracts 1, 2, 3 and 4 of Dakota Farm Addition in the Northwest Quarter of Section 18, Township 99 North, Range 49 West of the 5th Principal Meridian, Lincoln County, South Dakota as illustrated in the attached preliminary plat and

Government Lots 1 & 2 of the Northwest Quarter of Section 18, Township 99 North, Range 49 West of the 5th Principal Meridian, Lincoln County, South Dakota except 1.10 Acres of railroad right-of-way (Lincoln County Parcel ID No. 099.49.18.2000 as of June 6, 2024)

(the "Subdivision")

- 2. The Owners agree that when they submit a Petition for Voluntary Annexation to the City that all of the real property within the Subdivision will be included in and subject to the Petition.
- Owners agree to connect to City water and sanitary sewer mains within one year of installation of City water and sanitary sewer mains at the Owners' sole expense.
- 4. Once annexed, the owner agrees not to submit a petition to De-Annex.
- 5. Owners agree to comply with all existing zoning, building, and property maintenance codes.
- 6. The City and Owners agree to defer payment and collection of arterial street platting fees and open space contributions until the property is annexed, at which time payment will become due.

This Agreement shall be binding upon, and inure to the benefit of, the Owners and their respective heirs, successors, or assigns, and shall run with the land. This Agreement shall be recorded in the Lincoln County Register of Deeds Office to give notice to the public and all interested parties of the obligations herein.

Nothing in the Agreement shall be construed as requiring the City, at its sole expense, to construct or install any sanitary sewer lines, water distribution lines, or other improvements of any kind upon the Subdivision or extend such public improvements to service the Subdivision.

This Agreement embodies all agreements and representations of the Owners. There are no promises, terms, conditions, or allegations other than those contained herein; and this Agreement supersedes all previous communications, representations, and agreements, whether written or verbal, between the Owners. This Agreement may be modified only in writing and executed by all parties to this Agreement including any new owners of real estate within the Subdivision.

| This Agreement may be | pe executed in one or n | nore counterparts, | each of which wh | nen executed | and delivered, | shall be an | original, but |
|-----------------------|--------------------------|--------------------|------------------|--------------|---|-------------|---------------|
| | shall constitute one and | | | | egia regionale programme de l'Americani (a como seguir de recons) d'a | | , |

| Dated this | Day of | , 20 |
|------------|--------|------|
| | | |

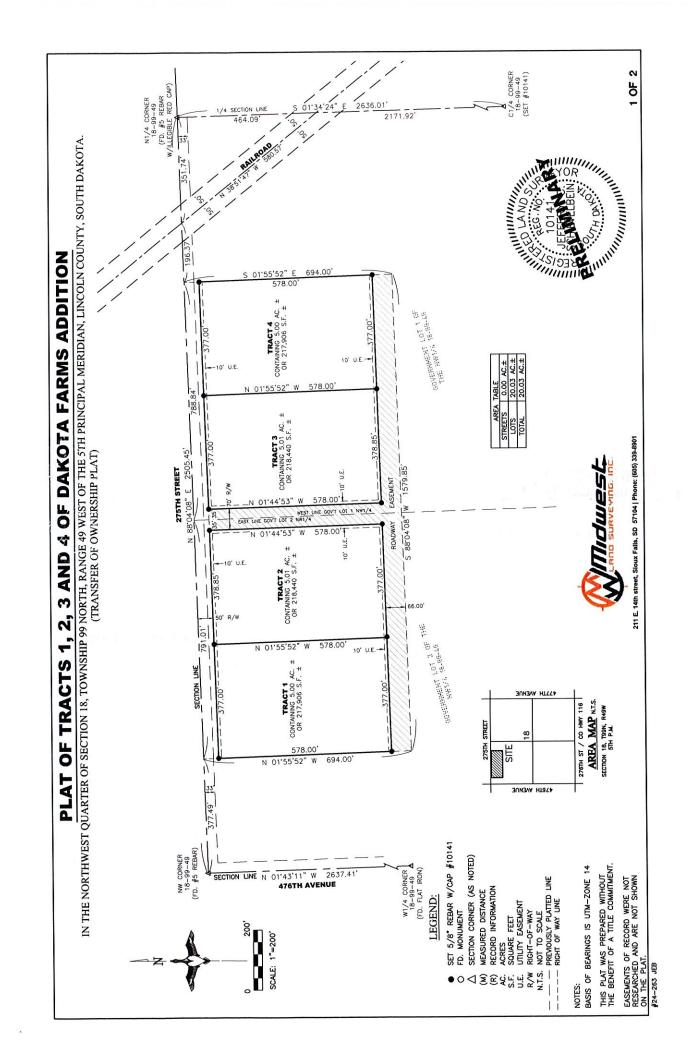
(Signatures begin on next page)

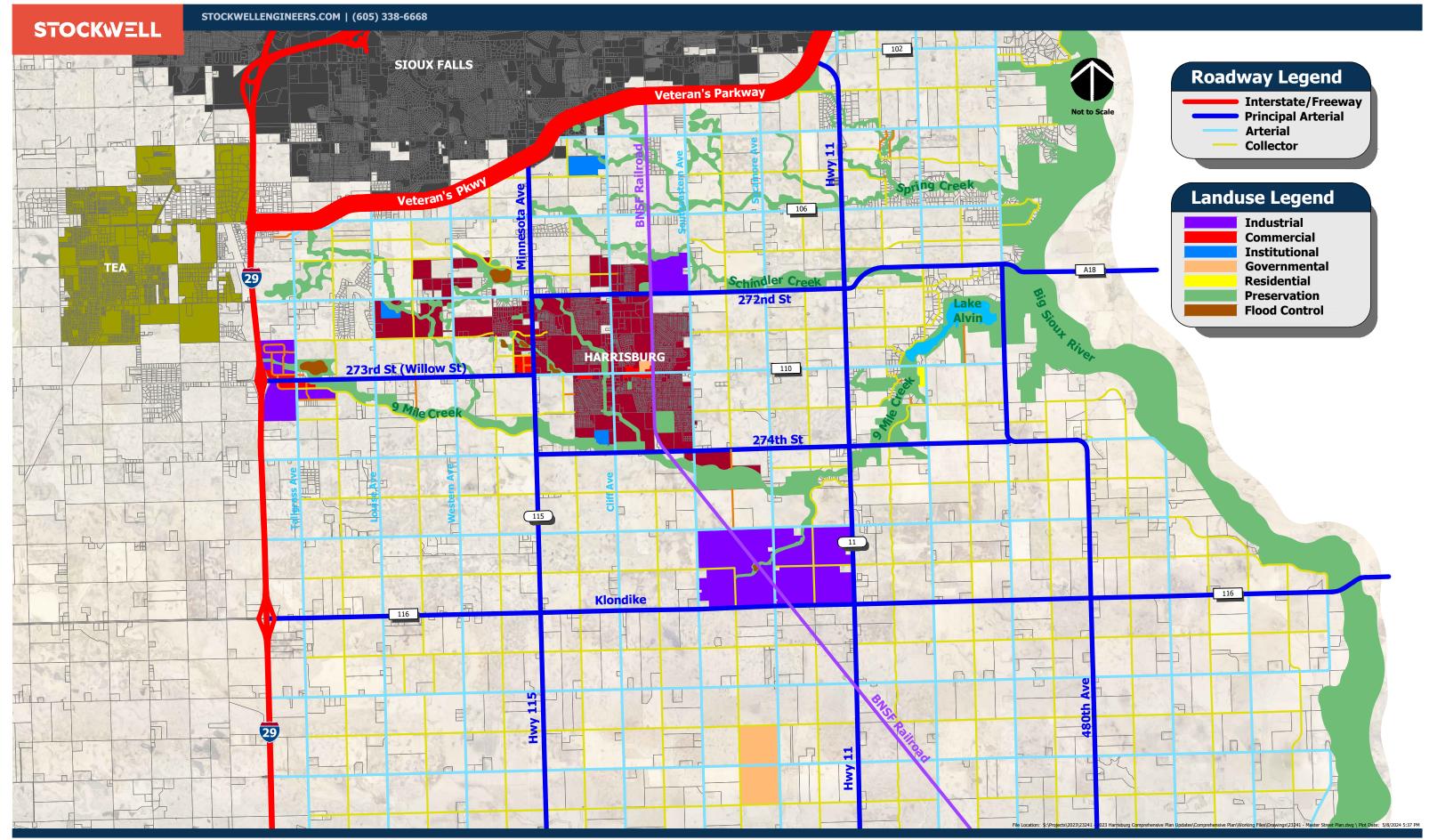
CITY OF HARRISBURG

| | | | Derick Wenck, Mayor | |
|---|---|--|---|---|
| Attest: | | | | |
| 06 | - | | | |
| Deb Harris, Finance Officer | | | | |
| STATE of SOUTH DAKOTA |))SS | | | |
| COUNTY OF LINCOLN |) | | | |
| personally known to me to be known to me to be the City F names are subscribed to the as such Mayor and City Finan said municipality and caused | e the Mayor of the City inance Officer of said foregoing instrument, ice Officer, they signed the corporate seal of s City of Harrisburg as th | of Harrisburg, a municipal corp corporation and personally know appeared before me this day in I and delivered the said instrum said municipality to be affixed th eir free and voluntary act and a | ereby certify that Derick Wenck, poration, and Deb Harris, persona what to me to be the same persons person and severally acknowledgent as Mayor and City Finance Of hereto pursuant to authority given as the free and voluntary act and a severally act and severally act act and severally act act act act act and severally act | whose ged that ficer of n by the |
| Given under my hand and off | ficial seal this | day of | , 20_ | · |
| | | | | |
| (SEAL) | | | ary Public, South Dakota commission expires | |

OWNER

| OWNER | |
|---|--|
| Dakota Farms 128. | |
| Lund Dehr | |
| Dakota Farms, LLP | |
| | |
| STATE of SOUTH DAKOTA))SS | |
| COUNTY OF LINCOLN) | |
| | |
| On this the | before me, appeared ed himself to be the Owner and that he as said the purposes therein contained. |
| In witness whereof, I have hereunto set my hand and official seal | |
| | |
| | Jeanie Jacobsen |
| (SEAL) | Notary Public, South Dakota My commission expire Commission Expires |
| N. P. West N. C. | October 2, 2025 |







301 E WILLOW STREET • PO BOX 26 • HARRISBURG SD • 57032 PHONE: 605-743-5872

Agenda Item Staff Report

Date: March 11, 2025

To: Planning Commission

From: Planning and Building Services

| Agenda Item: Preliminary Plan for Orc | hard's Edge Addition. | |
|--|-----------------------|----------------|
| Public Hearing: □ | Business Item: ☑ | Informational: |

Information:

- The applicant is Orchard View Properties.
- This 12.4-acre parcel is 1n the northwest corner of Highway 115 and Willow Street.
- The City's subdivision approval process is discussed in the *City of Harrisburg Ordinance* 2021-07 Subdivision Regulations (Revised) and includes the following steps:
 - Concept Plan
 - o Preliminary Subdivision Plan
 - Engineering Submittals
 - Plat
- The Preliminary Subdivision Plan is designed to assist the Subdivider and the City with the efficient and timely development of lots and infrastructure throughout a subdivision. Plans will be evaluated for compliance with the City's Design Standards and comprehensive plans for development and infrastructure.
- The requirements of the Preliminary Subdivision Plan are discussed in Chapter 9 of the Harrisburg Design Standards and includes the following:
 - o Title Page, General Notes, and Existing Conditions
 - Land Use and Phasing Plan and Lot Layouts
 - o Plans for Storm Drainage, Sanitary Sewer, Water, Street Lights, and Access
- The City Engineer has reviewed the Preliminary Subdivision Plan, determined the plan complies with state and local regulations, and recommends the acceptance of the Preliminary Subdivision Plan.

Attachments:

Application

Staff Recommendation:

Approve and recommend approval to the City Council.

City of Harrisburg

301 E Willow St Harrisburg, SD 57032 (605) 767-5010



APPLICATION

FOR PRELIMINARY PLAN APPROVAL

This approval is issued under municipal ordinance 2017-03 of the City of Harrisburg to subdivide land within the City's jurisdiction. Approval expires in 4 years of issuance per Subdivision Regulation 4.2.1. Provide all information requested throughout the form. Strikeout items that are not applicable. Deliver completed form to City Hall.

| Owner Information | | Applicant | |
|--|---------------------------------|--|--|
| Name: Orchard View Properties | Phone: 605.201.4968 | Name: Ryan Olson | |
| Address: 27240 SD Highway 115 | | Title: Owner | |
| | te: SD Zip: 57032 | I hereby acknowledge that the informat | ion I have provided is served that I |
| Email: ryan@bhi-construction.com | | am authorized to submit this Preliminary | y Plan Application and that the plan |
| <u></u> | | conforms to the City of Harrisburg's Sub | odivision Regulations. |
| Engineer Norman Engineering & Currenti | 0755 | 000 | 2.26- |
| Name: Norman Engineering + Surveyi | ng SD License No: 8755 | CHI COLOR | 2 200 |
| Total Area Subdivided: 12.4 | acres | Applicant Signature | Date |
| Parent Parcel Legal Description: | | | |
| Lot 4 & 5 in Tract 3 of Country Orchard | d's Addition to the City of | | |
| Harrisburg, Lincoln County, SD along w | ith Vacated Balamor Street | | |
| lying adjacent thereto; The West 196.5 | ' of East 361' of South 221.68' | | |
| Subdivision Name: Orchard's Edge Ad | dition | | |
| | For City | Use Only | The state of the s |
| Non Refundable Application Fee (R PE Certified Preliminary Subdivision Other: Reviews Satisfied Authorized Official (Required) City Engineer (Required) City Planning & Zoning Commission City Council (Required) | Plan (Required) | | |
| Associated Fees | | | |
| Application Fee (\$300) | \$ 300.00 | | |
| | \$ | | |
| | \$ | | |
| Total Face | | M | |
| Total Fees | \$ (300.00) | 12025 2/26/2025 | |
| Department Use Application No: 2025 - 0039 Issued by: | DEVENDE |) 3 | |

STOCKWELL

February 24, 2025

via email
Heath VonEye
City of Harrisburg
Heath.voneye@harrisburgsd.gov

e: Preliminary Plan Review Orchard's Edge Addition 04_24063 | SEI No. Preliminary Plan | Encl Aaron Norman, Norman Engineering | Cc Chad Huwe, Stockwell Engineers | Cc Mitch Mergen, Stockwell Engineers | Cc

Dear Mr. VonEye:

Enclosed please find a preliminary plan prepared by an Engineer licensed and in good standing with the State of South Dakota. Stockwell Engineers reviewed and provided comments as a courtesy to aid the applicant in preparing Its submittals. Compliance with state and local ordinances or other governing agencies is the responsibility of the applicant and its agents. Copies of the City's subdivision regulations, design standards and local ordinances are available at City Hall for the applicant's reference. The Engineer of record is responsible to ensure the submittals uphold the City's and all other governing agency's requirements in full.

The Engineer addressed our comments to our satisfaction. We have no further comments and offer our recommendation to accept the preliminary plan as an accompaniment to the Developer's application. Prior to approval, the developer shall submit CAD drawings to our office for staff's use. If there are questions regarding our correspondence, please contact our office.

Respectfully submitted,

STOCKWELL ENGINEERS, INC.

Ross Kuchta, PE Project Engineer



6221 E. Silver Maple Circle #2 Sioux Falls, South Dakota 57110 (605) 558-0808

February 13, 2025

Ross Kuchta, PE Stockwell Engineers 801 N. Phillips Avenue #100 Sioux Falls, SD 57104

RE: Preliminary Plan Review Comments
Orchard's Edge Addition

Dear Mr. Kuchta:

We have addressed the review comments dated 01/27/2025 for the Preliminary Plan for Orchard's Edge Addition. Below are our responses:

General Comments:

- 1. At a minimum provide a narrative of how the lighting requirements will be met, including the provider and generally how lights will be spaced throughout the subdivision.
 - a. Narrative has been included.

Title Page:

- Add certificates of approval for City Council, City Finance Officer, City Planning Commission, Authorized Official, and City Engineer.
 - a. Certificates have been included on the Title Page.

General Notes:

- 1. The updated note included "Storm Sewer" as an anticipated request for oversizing reimbursement. Private storm sewer pipe is not eligible for oversizing reimbursement. If there are no items eligible for oversizing reimbursement, state "none".
 - a. Note has been revised.
- 2. Under the Expectations for City Reimbursement note, add a reference to the City's TIF Policy. The City is in the process of developing a Policy for Tax Increment Financing.
 - a. Note has been included.

Lot Layout / Easements:

- 1. Remove the setback lines from this plan section, as that will only be applicable to individual site plans.
 - a. Setback lines have been removed.
- 2. Remove the Storm Sewer and Drainage Easements for private facilities.
 - a. Proposed storm sewer easements have been removed.
- 3. Show extension of Water Main and Sanitary Sewer Easements to the north property line of the development.
 - a. Water main and sanitary sewer have been revised.
- 4. Show Sanitary Sewer and Water Main Easements across Lot 1 where utility stubs are provided to serve Tract 3 of Country Orchards Addition.
 - a. Easements have been included.
- 5. Illustrate an access easement for the secondary fire access connection for emergency vehicles between McIntosh Drive and SD Highway 115.
 - a. Access easement has been included.



6221 E. Silver Maple Circle #2 Sioux Falls, South Dakota 57110 (605) 558-0808

Drainage Plan:

- 1. Grading for the detention pond extends outside of the property limits. Verify that work has been coordinated with and approved by impacted property owners.
 - a. Proposed grading work has been coordinated.
- 2. Size of the detention pond will not be reviewed at this time. Review of detention pond size will occur during the engineering submittal review.
 - a. Comment noted.

Sanitary Sewer Layout:

- 1. Add manholes at the ends of sanitary sewer stubouts for future development connections.
 - a. Manholes have been included.

Water Distribution Layout:

- 1. Add temporary hydrants to the ends of water main stubouts for future development connections.
 - a. Hydrants have been included.

Access Plan:

- Illustrate that the curves and bends on McIntosh Drive meet the minimum turning radius requirements for emergency access vehicles.
 - a. Emergency access vehicle turning movement has been added.
- 2. At minimum provide a narrative of how the pedestrian circulation will be incorporated to connect each lot and meet the goals of the City's comprehensive plan.
 - a. Narrative has been included.
- 3. Illustrate approximate locations of future sidewalks along both Willow Street and Highway 115. Add notes indicating that the sidewalks will be constructed as part of individual site plans.
 - a. Future sidewalk has been included.

If you have any questions or require any additional information for approval, please feel free to contact us.

Respectfully submitted,

Aaron Norman, PE, LS



Index of Sheets:

Sheet C1.0 - C1.2 Title Page, Typical Section, General Notes

Sheet C2.0 **Existing Conditions** Sheet C3.0 Land Use Lavout Sheet C4.0 Phasing Layouts Sheet C5.0 - C5.1 Lot Layout, Easements Sheet C6.0 Drainage Layout Sheet C7.0 - C7.1 **Utility Layouts** Sheet C8.0 Access Layout

Owner Representative:

Ryan Olson 27240 SD Hwy 115 Harrisburg, SD 57032 (605) 201-4968 Ryan@bhi-contruction.com

Norman Engineering, Inc Aaron Norman, PE, LS 6221 E. Silver Maple Circle #2 Sioux Falls, SD 57110 aaron@normanengineeringinc.com (605) 558-0808

<u>Legal Description:</u>
Lot 4 & 5 in Tract 3 of Country Orchard's Addition to the City of Harrisburg, Lincoln County, SD along with Vacated Balamor Street lying adjacent thereto; The West 196.5' of East 361' of South 221.68' SE1/4 34-100-50, Lincoln County, SD; and Lots A & B (Except Lot H-1) in the SE1/4 34-100-50, Lincoln County, SD

Survey Information:

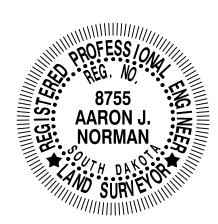
Date of Survey: 04.09.2024 Horizontal Datum: UTM Zone 14 North, Ground Coordinates Vertical Datum: NAVD 88

Project Area:

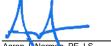
±12.4 Acres

Benchmark:

PIN #11: 2242917.99E 15784968.85N - Elev 1436.66 BM - Southwest Property Pin of Lot 4 in Tract 3



I, Aaron J. Norman, hereby certify that these plans were prepared by me, or under my direct supervision and that I am a duly registered engineer under the laws of the State of South Dakota



02.13.2025

City of Harrisburg

Lincoln County

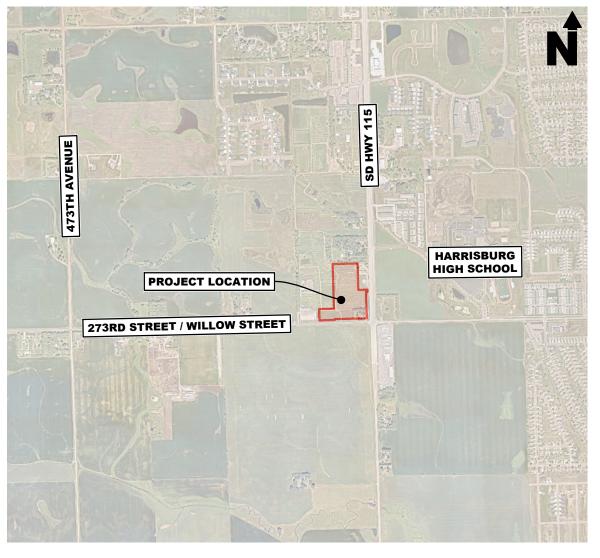
Preliminary Development Plans

Orchard's Edge Addition

Willow Street & SD Highway #11

NES: 24.02.001

Location Map



South Dakota One-Call:

Drawing indicates general utility locations only. Neither the correctness or completeness of locations are guaranteed. Contact South Dakota One Call prior to excavations.

CITY COUNCIL APPROVAL

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HARRISBURG, THAT THE PRELIMINARY SUBDIVISION PLAN OF LOTS 4 & 5 IN TRACT 3 OF COUNTRY ORCHARD'S ADDITION TO THE CITY OF HARRISBURG, LINCOLN COUNTY, SD ALONG WITH VACATED BALAMOR STREET LYING ADJACENT THERETO; THE WEST 196.5' OF EAST 361' OF SOUTH 221.68' SE1/4 34-100-50, LINCOLN COUNTY, SOUTH DAKOTA; AND LOTS A & B (EXCEPT LOT H-1) IN THE SE1/4 34-100-50, LINCOLN COUNTY, SOUTH DAKOTA IS HEREBY APPROVED AND THE THE FINANCE OFFICER OF THE CITY OF HARRISBURG IS HEREBY DIRECTED TO ENDORSE ON SUCH PLAN A COPY OF THIS RESOLUTION AND CERTIFY THE SAME THEREON.

| MAYOR, CITY OF HARRISBURG |
|--|
| ATTEST: |
| |
| CITY FINANCE OFFICER |
| CITY OF HARRISBURG |
| |
| STATE OF SOUTH DAKOTA) |
|)SS |
| COUNTY OF LINCOLN) |
| |
| ,, THE DULY APPOINTED, QUALIFIED, AND ACTING CITY FINANCE DEFICER OF THE CITY OF HARRISBURG, SOUTH DAKOTA HEREBY CERTIFY THAT THE ABOVE RESOLUTION S A TRUE AND CORRECT COPY OF THE RESOLUTION ADOPTED BY THE CITY COUNCIL OF THE CITY OF HARRISBURG, AT A MEETING HELD ON THE DAY OF, 2025. |
| NITNESS MY HAND AS CITY FINANCE OFFICER AND THE OFFICIAL SEAL OF THE CITY OF HARRISBURG, SOUTH DAKOTA. |
| DITY FINANCE OFFICER |
| CITY OF HARRISBURG |
| |
| OLTY ENGINEER ARREGUAL |
| CITY ENGINEER APPROVAL |
| |
| , CITY ENGINEER OF THE CITY OF HARRISBURG, DO HEREBY CERTIFY THAT I DID DULY REVIEW AND RECOMMEND APPROVAL OF THIS PRELIMINARY PLAN ON THIS DAY OF 2025. |
| |
| CITY ENGINEER |
| CITY OF HARRISBURG |
| |
| |
| CITY PLANNING AND ZONING ADMINISTRATOR APPROVAL |
| |

CITY PLANNING COMMISSION APPROVAL

CITY PLANNING AND ZONING ADMINISTRATOR CITY OF HARRISBURG, SOUTH DAKOTA

2025

THE CITY PLANNING COMMISSION OF THE CITY OF HARRISBURG APPROVES THE PRELIMINARY PLAN OF LOTS 4 & 5 IN TRACT 3 OF COUNTRY ORCHARD'S ADDITION TO THE CITY OF HARRISBURG, LINCOLN COUNTY, SD ALONG WITH VACATED BALAMOR STREET LYING ADJACENT THERETO; THE WEST 196.5' OF EAST 361' OF SOUTH 221.68' SE1/4 34-100-50, LINCOLN COUNTY, SOUTH DAKOTA; AND LOTS A & B (EXCEPT LOT H-1) IN THE SE1/4 34-100-50, LINCOLN COUNTY, SOUTH DAKOTA AND THE SAME IS RECOMMENDED TO THE CITY COUNCIL OF THE CITY OF HARRISBURG FOR APPROVAL.

HARRISBURG, DO HEREBY CERTIFY THAT I DID DULY REVIEW AND RECOMMEND APPROVAL OF THIS

, CITY PLANNING AND ZONING ADMINISTRATOR OF THE CITY OF

CITY PLANNING COMMISSION

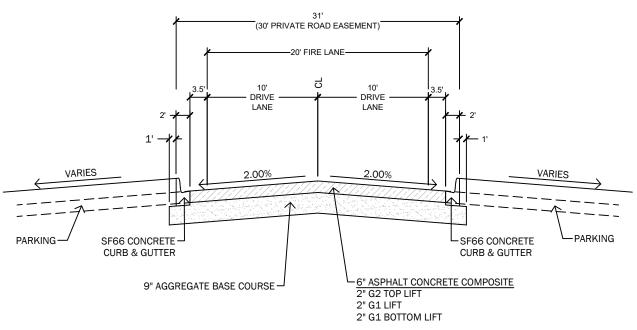
DAY OF

SHEET

8755
AARON J.
NORMAN
NORMAN
SURVE

02.13.2025

C1.1



EXCEPTIONS FOR CITY REIMBURSEMENTS:

- DEVELOPER WILL SUBMIT APPLICATION FOR TIF FUNDING PER CITY OF HARRISBURG TAX INCREMENT FINANCING POLICY.
- DEVELOPER WILL REQUEST OVERSIZING IN COMPLIANCE WITH RESOLUTION 2019-16.
- EXPECTED REQUESTS: NONE

INTENSIONS OF OWNERSHIP AND MAINTENANCE OF IMPROVEMENTS:

- PRIVATE DETENTION FACILITY PRIVATE ROADWAYS
- PUBLIC DEDICATION OF UTILITY MAINS WITHIN PROPOSED EASEMENTS.

ANTICIPATED PLANS FOR MITIGATION:

NONE - THERE ARE NO WATERS OF THE UNITED STATES LOCATED WITHIN THE SITE BOUNDARY.

IMPACTS TO FLOOD PLAIN:

NO IMPACTS TO THE FLOOD PLAIN. SITE IS LOCATED WITHIN ZONE X PER MAP NUMBER 46083C0161C

INTENT FOR PUBLIC SPACE CONTRIBUTIONS:

NONE (DEVELOPER WILL PAY PUBLIC SPACE CONTRIBUTION FEE AS OUTLINED IN THE SUBDIVISION REGULATIONS)

- MCINTOSH DRIVE IS A PRIVATE ROADWAY AND WILL NOT INCLUDE A PUBLIC STREET LIGHTING SYSTEM. PROPOSED STREET LIGHTS SHALL CONFORM TO THE CITY OF HARRISBURG'S ENGINEERING DESIGN STANDARDS AND SHALL BE SERVICED BY SOUTHEASTERN ELECTRIC CO-OP.
- LUMINAIRE POLE SPACING: 200'
- POLE MOUNTING HEIGHT: 20'
- POLE ARM LENGTH: 8'
- LUMINAIRE CLASS: 4K
- LUMINAIRE POLES SHALL MATCH EXISTING POLES INSTALLED WITH PHASE I DEVELOPMENT
- MCINTOSH DRIVE IS A PRIVATE ROADWAY AND WILL NOT INCLUDE A PUBLIC SIDEWALK. THE ADJACENT PROPERTY OWNER(S) ARE RESPONSIBLE FOR SIDEWALK CONNECTIVITY AND CIRCULATION. THE PROPOSED SIDEWALK NETWORK WILL ULTIMATELY CONNECT TO THE FUTURE HIGHWAY 115 SIDE PATH AND WILLOW STREET SIDE PATH, AND ALIGN WITH THE GOALS OF THE CITY OF HARRISBURG'S COMPREHENSIVE PLAN.

02.13.2025

ZORZENING + SURVEYING

C3.0

NOR SURVEYING THE SURVEYING

C4.0



Preliminary Development Plans Orchard's Edge Addition Harrisburg, SD

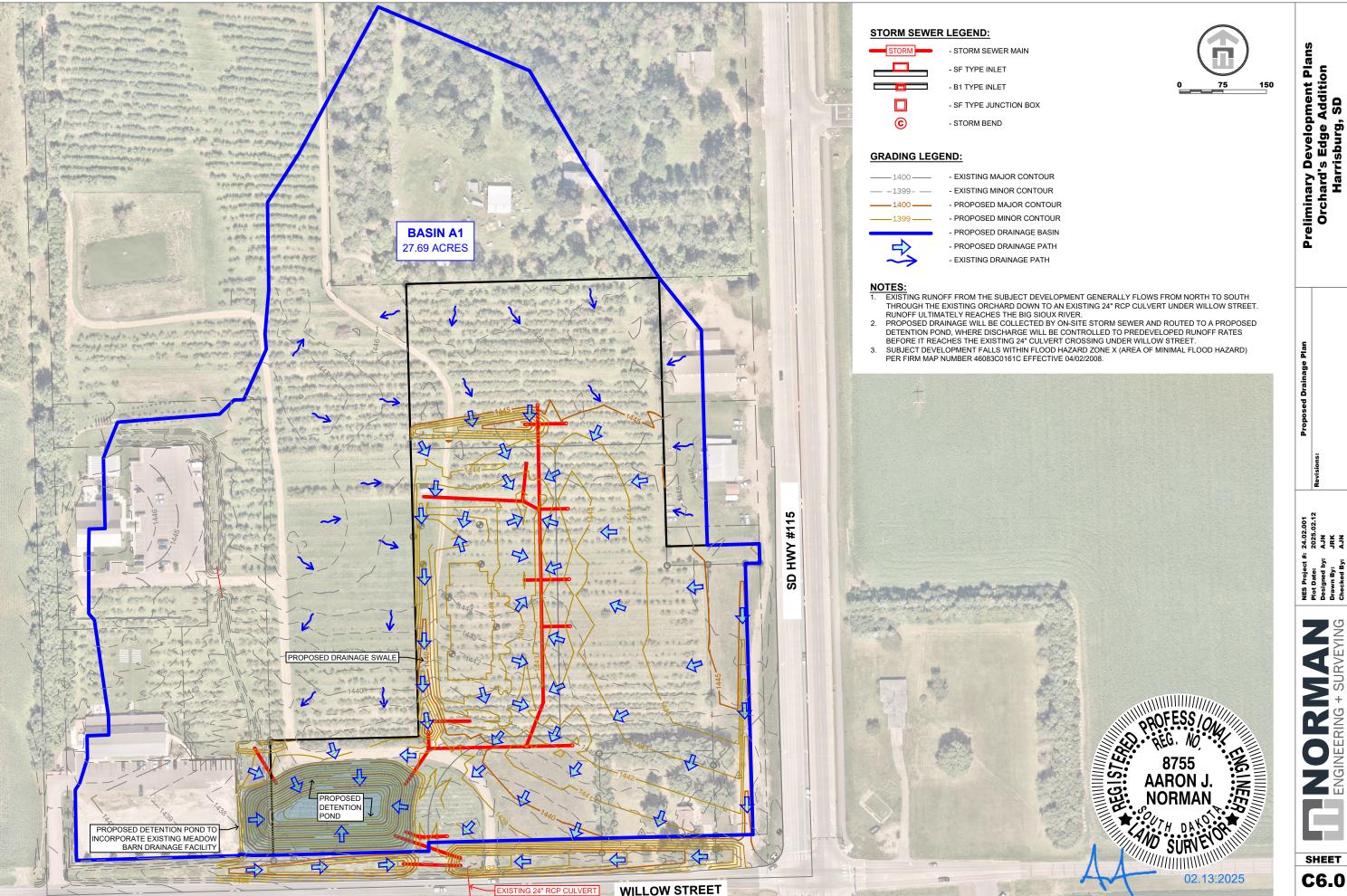


ROFESS ION BEG. NO. NORMAN NORMAN SURVEY

02.13.2025

02.13.2025

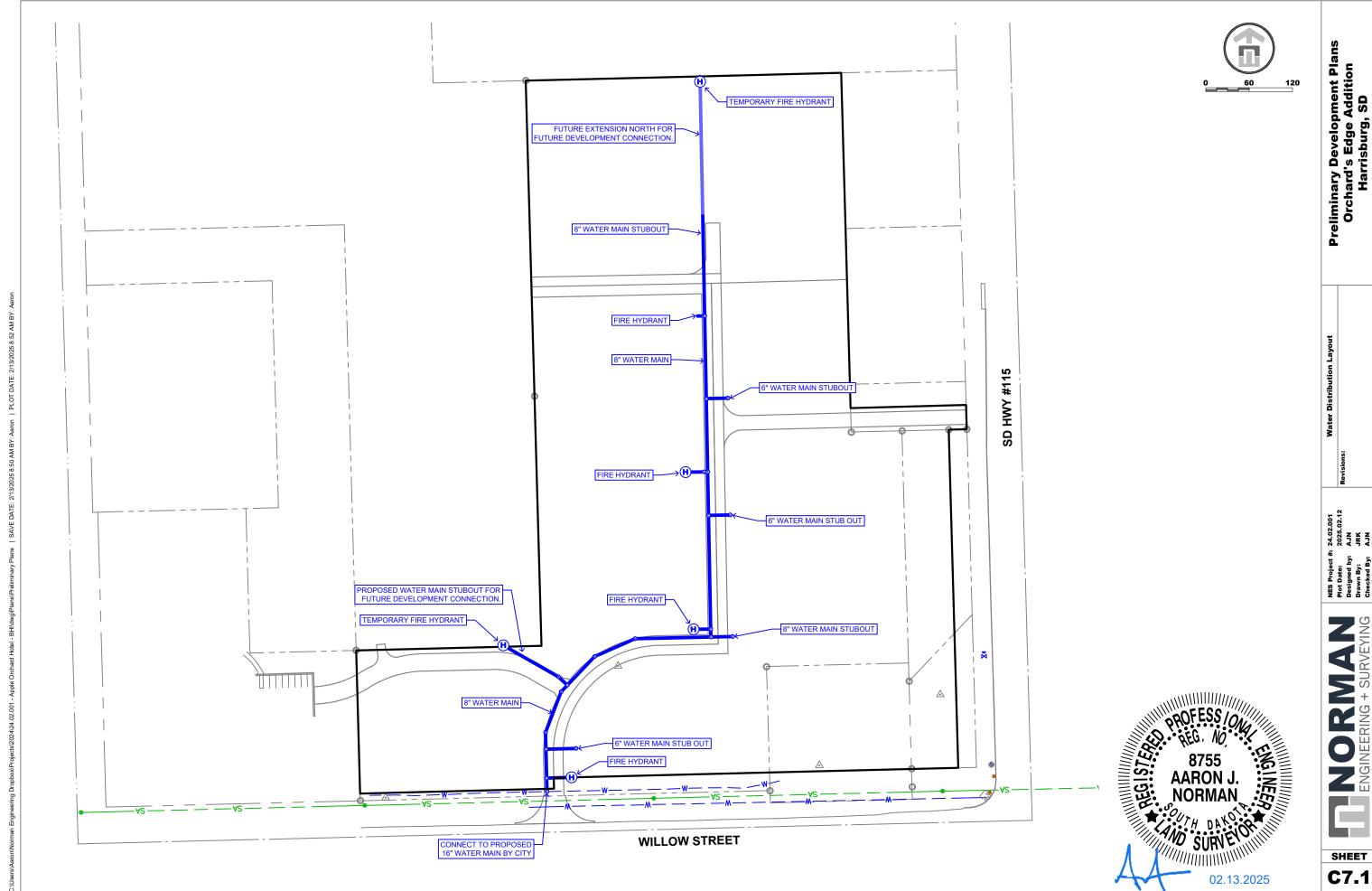
SHEET C5.0



Preliminary Development Plans Orchard's Edge Addition Harrisburg, SD

NOR + SURVEYING





NGINEERING + SURVEYING

NO REPLIENCE + SURVEYING

> SHEET **C8.0**



| Applicant Lucas Lorenzen | |
|---|-----|
| Address 615 Emmett Tr | |
| Phone # 507-227-3143 | |
| Iucaslorenzen83@gmail.com | |
| Property Owner (<i>if different</i>) | |
| R-1 Single Fam Zoning District in Which the Property is Located | ily |

A site plan of the property showing the location of the chicken coop and exercise yard, distances from property lines and any other pertinent site information must be attached to the application.

Rules Pertaining to the Keeping of Chickens:

- A. Chickens may only be kept within areas of the city zoned to permit single-family dwellings.
- B. No more than six hens shall be housed or kept on any one residential lot.
- C. Roosters and chicken breeding are prohibited. Cockerels must be culled from broods when identified.
- D. A coop and a reasonably satisfactory exercise yard is required to house chickens. Chicken facilities must be constructed and maintained to meet the following minimum standards:
 - 1) Located in the rear or side yard.
 - 2) The setback required for the coop and exercise yard is three feet from the rear and side property lines.
 - 3) Coop construction and materials must be adequate to prevent access by rodents.
 - 4) The coop and exercise yard must be maintained in good repair.
 - 5) Coop and exercise yard areas may not occupy more than 30% of the rear yard.
 - 6) Coop and exercise yard areas shall be enclosed with escape-proof fencing and/or netting.
 - 7) Chicken feces and waste shall be disposed of in a sanitary manner and be kept separate from other household waste or garbage.
 - 8) Manure storage shall be kept a minimum of 20 feet from streams, tributaries, ditches, storm water management facilities, drop inlets, or other storm drainage areas that would allow fecal matter to enter any city storm drainage system or stream. Dumping animal waste into the city storm drainage system is prohibited.
 - 9) Chickens must not be housed in a residential house or an attached or detached garage, except for brooding purposes only.

- 10) All premises on which chickens are kept or maintained shall be kept clean from filth, garbage, and any substances which attract rodents. The coop and its surrounding areas must be cleaned frequently enough to control odor.
- E. Chickens shall not be kept in such a manner as to constitute a nuisance to the occupants of adjacent properties.
- F. Dead chickens shall be disposed of within 48 hours after death. Legal forms of chicken carcass disposal include burial and off-site incineration or rendering.
- G. All grain and food stored for the use of the chickens shall be kept in rodent proof containers.
- H. Chickens shall be kept so that visibility is substantially obstructed at a height of five feet above ground level to the traveling public or surrounding property owners.

I have read and understand the rules pertaining to the keeping of chickens in the City of Harrisburg. I understand that a violation of these rules may result in the loss of this permit and therefore the permitted chickens must be removed from the permitted property.

| Signature of Applicant | |
|--|--|
| Date <u>01/28/2025</u> | |
| Signature of Property Owner (if different) | |
| Date | |



SITE PLAN



INTENDED CONSTRUCTION



301 E WILLOW STREET • PO BOX 26 • HARRISBURG SD • 57032 PHONE: 605-743-5872

Agenda Item Staff Report

Date: March 11, 2025
To: Planning Commission

From: Planning/Building Services

Agenda Item: Public Hearing 2 and Business Item 2

1. Review for approval an application to keep chickens at 615 Emmett Trail. (Parcel ID: 270.16.07.024).

Information:

- The applicant is Lucas Lorenzen.
- Applicant is requesting is to keep chickens at 615 Emmett. The parcel is improved with a single-family home.
- The proposed location of the chicken coop and exercise run is located in the rear yard fully behind the home. The rear yard is enclosed by a 4' chain-link fence, leaving the neighbor to the South with a partial view of the proposed chicken coop.
- The application meets all other requirements of Section 5.12 of the Harrisburg Zoning Regulations.

Attachments:

Application, Site Plan, Sign Rendering

Staff Recommendation:

- Staff recommends approval with the following conditions:
 - 1) No more than six hens shall be housed or kept.
 - 2) Roosters and chicken breeding are prohibited. Cockerels must be culled from broods when identified.
 - 3) A coop and a reasonably satisfactory exercise yard is required to house chickens. Chicken facilities must be constructed and maintained to meet the following minimum standards:
 - a) Located in the rear or side yard.
 - b) The setback required for the coop and exercise yard is three feet from the rear and side property lines.



301 E WILLOW STREET • PO BOX 26 • HARRISBURG SD • 57032 PHONE: 605-743-5872

- c) Coop construction and materials must be adequate to prevent access by rodents.
- d) The coop and exercise yard must be maintained in good repair.
- e) Coop and exercise yard areas may not occupy more than 30% of the rear yard.
- f) Coop and exercise yard areas shall be enclosed with escape-proof fencing and/or netting.
- g) Chicken feces and waste shall be disposed of in a sanitary manner and be kept separate from other household waste or garbage.
- h) Manure storage shall be kept a minimum of 20 feet from streams, tributaries, ditches, storm water management facilities, drop inlets, or other storm drainage areas that would allow fecal matter to enter any city storm drainage system or stream. Dumping animal waste into the city storm drainage system is prohibited.
- Chickens must not be housed in a residential house or an attached or detached garage, except for brooding purposes only.
- j) All premises on which chickens are kept or maintained shall be kept clean from filth, garbage, and any substances which attract rodents. The coop and its surrounding areas must be cleaned frequently enough to control odor.
- 4) Chickens shall not be kept in such a manner as to constitute a nuisance to the occupants of adjacent properties.
- 5) Dead chickens shall be disposed of within 48 hours after death. Legal forms of chicken carcass disposal include burial and off-site incineration or rendering.
- 6) All grain and food stored for the use of the chickens shall be kept in rodent proof containers.

| City of Harrisburg | | | | | | | | | |
|---|--|------------------------------------|--------------------------------|------------|--|--|--|--|--|
| Building Permits Issued February 2025 | | | | | | | | | |
| 2/3/2025 2025-0021 Seller Home Trust | Lower-Level Finish | Thurman Construction | 60,000.00 229 Plainside Avenue | Harrisburg | | | | | |
| 2/3/2025 2025-0023 Quien Rentals, LLC | Non-Residential Alteration | Quien, Mitch | 1,600.00 106 W. Willow Street | Harrisburg | | | | | |
| 2/4/2025 2025-0003 Capstone Homes South Dakota | New Single-Family Home | Capstone Homes South Dakota | 283,000.00 711 Estate Street | Harrisburg | | | | | |
| 2/13/2025 2024-0527 Dynamic Development, LLC | Non-Residential New Structure (Tire Store) | Fiechtner Construction | 600,000.00 912 N. Cliff Avenue | Harrisburg | | | | | |
| 2/13/2025 2025-0025 Kellar, Sheldon | Lower-Level Flnish | Kellar, Sheldon | 45,000.00 414 Dale Avenue | Harrisburg | | | | | |
| 2/18/2025 2025-0027 GH Properties, LLC | Lower-Level Finish | GH Properties, LLC | 45,000.00 841 Melissa Avenue | Harrisburg | | | | | |
| 2/25/2025 2025-0026 DeRocher Brothers Construction, LLC | Lower-Level Finish | DeRocher Brothers Construction, Ll | 32,300.00 719 Estate Street | Harrisburg | | | | | |
| 2/25/2025 2025-0032 Nelson, Tyler | Residential Remodel (Garage Repairs) | Elite Contracting | 12,000.00 601 Almond Avenue | Harrisburg | | | | | |
| 2/26/2025 2024-0507 Rocamora, Julio | Residential Remodel (Fire Restoration) | Intek | 14,000.00 103 E. Willow Street | Harrisburg | | | | | |
| 2/26/2025 2025-0031 Anderson, Bauer | Lower-Level Finish | Anderson, Bauer | 5,000.00 607 Honeysuckle Drive | Harrisburg | | | | | |
| 2/26/2025 2025-0037 Knock Homes, LLC | Lower-Level Finish | Knock Homes, LLC | 50,606.00 620 Highland Street | Harrisburg | | | | | |
| 2/28/2025 2025-0042 Arp, Sarah | Remodel | Garnik Building Solutions LLC | 5,200.00 902 Ash Grove Street | Harrisburg | | | | | |

City of Harrisburg Month-by-Month Comparison

| | January | | February | | | March | | | April | | | May | | | |
|----------------------------|-------------------|------|----------|------|------|--------|------|-----------|---------------------|---------|------|------|------|------|------|
| | 2023 | 2024 | 2025 | 2023 | 2024 | 2025 | 2023 | 2024 | 2025 | 2023 | 2024 | 2025 | 2023 | 2024 | 2025 |
| New Homes | 1 | 0 | 1 | 1 | 10 | 1 | 2 | 6 | | 16 | 10 | | 9 | 4 | |
| Lower-Level Finish | 4 | 5 | 9 | 8 | 5 | 6 | 6 | 3 | | 2 | 6 | | 3 | 7 | |
| Fence | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 9 | | 12 | 16 | | 19 | 30 | |
| Non-Residential (Comm/Ind) | 3 | 1 | 2 | 0 | 2 | 2 | 2 | 3 | | | 6 | | 2 | 4 | |
| Other | | 2 | 3 | 5 | 3 | 3 | 16 | 12 | | 52 | 19 | | 71 | 23 | |
| Total Permits | 8 | 8 | 17 | 14 | 22 | 12 | 26 | 33 | 0 | 82 | 57 | 0 | 104 | 68 | 0 |
| Running Total | 8 | 8 | 17 | 22 | 30 | 29 | 48 | 63 | 29 | 130 | 120 | 29 | 234 | 188 | 29 |
| | June | | | July | | August | | September | | October | | | | | |
| | 2023 | 2024 | 2025 | 2023 | 2024 | 2025 | 2023 | 2024 | 2025 | 2023 | 2024 | 2025 | 2023 | 2024 | 2025 |
| New Homes | 11 | 9 | | 9 | 6 | | 4 | 2 | | 9 | 11 | | 15 | 5 | |
| Lower-Level Finish | 2 | 2 | | 2 | 3 | | 5 | 2 | | 2 | 5 | | 1 | 5 | |
| Fence | 11 | 14 | | 11 | 10 | | 12 | 11 | | 5 | 14 | | 7 | 6 | |
| Non-Residential (Comm/Ind) | | 5 | | 0 | 7 | | 2 | 8 | | 1 | 4 | | 3 | 5 | |
| Other | 33 | 16 | | 35 | 16 | | 30 | 25 | | 13 | 20 | | 14 | 14 | |
| Total Permits | 57 | 46 | 0 | 57 | 42 | 0 | 53 | 48 | 0 | 30 | 54 | 0 | 40 | 35 | 0 |
| Running Total | 291 | 234 | 29 | 348 | 276 | 29 | 401 | 324 | 29 | 431 | 378 | 29 | 471 | 413 | 29 |
| | November December | | | | | | | | Permitted New Homes | | | | | | |

| 272 | 20. | =3 | 3.0 | 2,0 | 23 | |
|------|--------------------------------|---|--|--|--|--|
| | November | | December | | | |
| 2023 | 2024 | 2025 | 2023 | 2024 | 2025 | |
| 5 | 5 | | 1 | 0 | | |
| 6 | 1 | | 6 | 2 | | |
| 7 | 7 | | 2 | 2 | | |
| 3 | 4 | | 0 | 3 | | |
| 15 | 8 | | 5 | 6 | | |
| 36 | 25 | 0 | 14 | 13 | 0 | |
| 507 | 438 | 29 | 521 | 451 | 29 | |
| | 2023 5 6 7 3 15 | November 2023 2024 5 5 6 1 7 7 3 4 15 8 36 25 | November 2023 2024 2025 5 5 6 1 7 7 3 4 4 15 8 36 25 0 | November 2023 2024 2025 2023 5 5 1 6 6 1 6 6 7 7 2 2 3 4 0 0 15 8 5 5 36 25 0 14 | November December 2023 2024 2025 2023 2024 5 5 1 0 0 0 0 0 0 3 0 3 0 3 0 3 0 0 3 0 0 14 13 0 < | |



| | Permitted New Homes | | | | | | | | | |
|-----------|---------------------|------|------|--|--|--|--|--|--|--|
| | 2023 | 2024 | 2025 | | | | | | | |
| January | 1 | 0 | 1 | | | | | | | |
| February | 1 | 10 | 1 | | | | | | | |
| March | 2 | 6 | | | | | | | | |
| April | 16 | 10 | | | | | | | | |
| May | 9 | 4 | | | | | | | | |
| June | 11 | 9 | | | | | | | | |
| July | 9 | 6 | | | | | | | | |
| August | 4 | 2 | | | | | | | | |
| September | 9 | 11 | | | | | | | | |
| October | | 5 | | | | | | | | |
| November | 5 | 5 | | | | | | | | |
| December | 1 | 0 | | | | | | | | |
| TOTAL | 83 | 68 | 2 | | | | | | | |

| City of Harrisburg 2025 Building Permits Issued | | | | | | | | | |
|--|-----------|-----------------------------------|---|--|-----------------|-----------------------|------------|--|--|
| Date | Permit # | Property Owner | Description of Project | Contractor | Total Valuation | Property Address | City | | |
| 1/2/2025 | 2025-0002 | Doss, Gregory & Miranda | Mechanical | Chiu, Eric | 1,800.00 | 620 St. Jerome Street | Harrisburg | | |
| 1/2/2025 | 2024-0537 | Colwell, Mary | Fence | Nespor Fence | 6,389.00 | 511 Hillside Street | Harrisburg | | |
| 1/6/2025 | 2025-0001 | Wellman, Garrett & Ashley | Mechanical | Wellman, Garrett | 1,000.00 | 605 Hillside Street | Harrisburg | | |
| 1/6/2025 | 2025-0004 | Hofer, Cody | Lower-Level Finish | Hofer, Cody | 2,500.00 | 500 Miah Street | Harrisburg | | |
| 1/6/2025 | 2025-0005 | Thompson, James | Lower-Level Finish | Genuine Builders, Inc. | 40,000.00 | 118 Atlantic Circle | Harrisburg | | |
| 1/8/2025 | 2025-0006 | Dammann, Kirk & Connie | Lower-Level Finish | First Contracting LLC- DBA Sioux Falls Home Remodeling | 36,500.00 | 707 Prairieside Trail | Harrisburg | | |
| 1/9/2025 | 2025-0008 | Vargas, Carlos | Fence | TBD | 5,000.00 | 611 Hillside Street | Harrisburg | | |
| 1/9/2025 | 2024-0533 | Harrisburg SBX | Non-Residential Interior Finish (Starbucks) | TBD | 800,000.00 | 490 W. Willow Street | Harrisburg | | |
| 1/10/2025 | 2025-0009 | Lockwood, Jody | Mechanical | Lockwood, Jody | 600.00 | 404 Quinn Avenue | Harrisburg | | |
| 1/14/2025 | 2024-0530 | Capstone Homes South Dakota | New Single-Family Home | Capstone Homes | 273,000.00 | 510 Hillside Street | Harrisburg | | |
| 1/17/2025 | 2025-0011 | GH Properties, LLC | Lower-Level Finish | GH Properties, LLC | 60,000.00 | 823 Melissa Avenue | Harrisburg | | |
| 1/21/2025 | 2025-0007 | Cason, Mitchell & Alexis | Lower-Level Finish | Cason, Mitchell | 20,000.00 | 105 Atlantic Circle | Harrisburg | | |
| 1/22/2025 | 2025-0014 | Meyer, Bradley & Kyera | Lower-Level Finish (Partial) | Home Solutions | 36,000.00 | 626 Creekside Trail | Harrisburg | | |
| 1/23/2025 | 2025-0016 | Ferguson, Graham | Lower-Level Finish | Ferguson, Graham | 25,000.00 | 425 Huckleberry Trail | Harrisburg | | |
| 1/27/2025 | 2025-0017 | Leif, Thomas & Kimberly | Lower-Level Finish (Partial) | Leif, Thomas & Kimberly | 15,000.00 | 502 Andrew Avenue | Harrisburg | | |
| 1/30/2025 | 2025-0013 | Harrisburg School District | Non-Residential Additon/Remodel | Wynia, Derek | 17,000.00 | 1300 E. Willow Street | Harrisburg | | |
| 1/30/2025 | 2025-0020 | Julius, Jaden | Lower-Level Finish | Julius, Jaden | 10,000.00 | 503 Brannon Drive | Harrisburg | | |
| 2/3/2025 | 2025-0021 | Seller Home Trust | Lower-Level Finish | Thurman Construction | 60,000.00 | 229 Plainside Avenue | Harrisburg | | |
| 2/3/2025 | 2025-0023 | Quien Rentals, LLC | Non-Residential Alteration | Quien, Mitch | 1,600.00 | 106 W. Willow Street | Harrisburg | | |
| 2/4/2025 | 2025-0003 | Capstone Homes South Dakota | New Single-Family Home | Capstone Homes South Dakota | 283,000.00 | 711 Estate Street | Harrisburg | | |
| 2/13/2025 | 2024-0527 | Dynamic Development, LLC | Non-Residential New Structure (Tire Store) | Fiechtner Construction | 600,000.00 | 912 N. Cliff Avenue | Harrisburg | | |
| 2/13/2025 | 2025-0025 | Kellar, Sheldon | Lower-Level Flnish | Kellar, Sheldon | 45,000.00 | 414 Dale Avenue | Harrisburg | | |
| 2/18/2025 | 2025-0027 | GH Properties, LLC | Lower-Level Flnish | GH Properties, LLC | 45,000.00 | 841 Melissa Avenue | Harrisburg | | |
| 2/25/2025 | 2025-0026 | DeRocher Brothers Construction, L | L Lower-Level Finish | DeRocher Brothers Construction, LLC | 32,300.00 | 719 Estate Street | Harrisburg | | |
| 2/25/2025 | 2025-0032 | Nelson, Tyler | Residential Remodel (Garage Repairs) | Elite Contracting | 12,000.00 | 601 Almond Avenue | Harrisburg | | |
| 2/26/2025 | 2024-0507 | Rocamora, Julio | Residential Remodel (Fire Restoration) | Intek | 14,000.00 | 103 E. Willow Street | Harrisburg | | |
| 2/26/2025 | 2025-0031 | Anderson, Bauer | Lower-Level Finish | Anderson, Bauer | 5,000.00 | 607 Honeysuckle Drive | Harrisburg | | |
| 2/26/2025 | 2025-0037 | Knock Homes, LLC | Lower-Level Finish | Knock Homes, LLC | 50,606.00 | 620 Highland Street | Harrisburg | | |
| 2/28/2025 | 2025-0042 | Arp, Sarah | Remodel | Garnik Building Solutions LLC | 5,200.00 | 902 Ash Grove Street | Harrisburg | | |