

SUP-265



**Park County Planning & Zoning**

1002 Sheridan Ave. Suite 109, Cody, WY 82414  
 Phone: 307-527-8540 | Fax: 307-527-8515  
 E-mail: [planning@parkcounty-wy.gov](mailto:planning@parkcounty-wy.gov)

Rec. By: ELD  
 Date: 4/17/24  
 Receipt #: 24045/ck#1021  
 App. #: SUPA 20240417-1

**SPECIAL USE PERMIT (SUP) APPLICATION\***(4 pages) Fee: \$350.00\*

This application is required to obtain a Special Use Permit (SUP) within unincorporated areas of Park County. **Submission of this application does not constitute permission to proceed with development or the proposed use. Special Use Permit approval is required from the Board of County Commissioners before commencing or establishing any use specified in Chapter IV, Section 2.e. Table 4-1: Schedule of Uses in the Park County Development Standards and Regulations.**

\*The applicant is responsible for paying mailing fees for neighbor notifications and publication fees for public hearing notices.

<b>APPLICANT INFORMATION:</b>	<b>OWNER INFORMATION (if different from applicant):</b>
Name: <u>Horizon Tower LLC</u>	Name: <u>Hoodoo Land Holdings LLC</u>
Mailing Address: <u>117 Town &amp; Country Drive Suite A</u> <u>Danville, CA 94526</u>	Mailing Address: <u>Mr. JD Radakovich</u> <u>PO Box 850 Cody, WY 82414</u>
Phone: <u>(925) 314-1113 (Trevor Crow 303-905-5346)</u>	Phone: <u>307-899-6221</u>
Email: <u>TC@hossconsulting.com</u>	Email: <u>JDRadakovich@gmail.com</u>

**PROPERTY INFORMATION:**  
 Physical Address: Tower Location: 44 240067, -108 828694  Not addressed  
 Property ID # or Deed Recording #: 16490000123000  
 Subdivision Name (if applicable\*): \_\_\_\_\_ Lot #: \_\_\_\_\_  
 \*Please refer to any covenants/agreements/special conditions that may apply to development within the subdivision.

**ANSWER THE FOLLOWING QUESTIONS REGARDING THE PROPOSED USE:**

1. Have any other SUPs been granted for this parcel?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> UNSURE
2. # of buildings to be utilized for the use			<input checked="" type="checkbox"/> N/A
3. Total/combined floor area of all floors of all buildings planned to be utilized for the use	0		sq. ft.
4. # acres to be utilized for the use			acres
5. If a business, will it be located in the proprietor's home?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> N/A
6. Are living quarters or lodging part of the proposed use?	<input type="checkbox"/> YES		<input checked="" type="checkbox"/> NO
7. # of resident employees	____ Full-Time	____ Part-Time	<input checked="" type="checkbox"/> N/A
8. # of non-resident employees	____ Full-Time	____ Part-Time	<input checked="" type="checkbox"/> N/A
9. Term of Use:	<input type="checkbox"/> Single Event	<input type="checkbox"/> Temporary	<input checked="" type="checkbox"/> Permanent
10. Is an increase in traffic expected to result from this use?	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO
11. What are the planned days/hours of operation?	24/7/365 - full-time		
12. How much material will be removed (for mines)			cu. ft. <input checked="" type="checkbox"/> N/A
13. If tower, antenna or wind turbine, what is the height?	<input type="checkbox"/> <35ft	<input checked="" type="checkbox"/> ≥35ft	<input type="checkbox"/> N/A

**CATEGORIZE THE PROPOSED USE (check all that apply):**

- |  |   |  |  |
|--|---|--|--|
| <input type="checkbox"/> Residential   | <input type="checkbox"/> Residential Business   | <input type="checkbox"/> Agricultural                          | <input checked="" type="checkbox"/> Commercial |
| <input type="checkbox"/> Recreational  | <input type="checkbox"/> Temporary              | <input type="checkbox"/> Transportation                        | <input type="checkbox"/> Industrial            |
| <input type="checkbox"/> Institutional | <input type="checkbox"/> Large Impact Structure | <input type="checkbox"/> Community/Public/Utility/Quasi-Public |  |

**WRITTEN DESCRIPTION OF THE PROPOSED USE(S):** *(Please include a detailed statement about the full scope/extent of the intended use. Quantify the impacts - for example, explain any noise, visual and/or air quality impacts expected to result from the initiation/operation of the use, both onsite and to adjacent properties. Please be thorough as any permit authorized will be based upon facts provided herein.)*

Written Description of the Proposed Use is inserted as a separate page to this Application, located

**PROVIDE WRITTEN STATEMENTS WITH YOUR APPLICATION SUMMARIZING EACH OF THE FOLLOWING TOPICS (IF APPLICABLE).** YOU MAY PROVIDE SUPPORTING DOCUMENTATION THAT FURTHER EXPLAINS SUMMARIZED MATERIALS; HOWEVER, STAFF AND THE PLANNING AND ZONING COMMISSION HAVE LIMITED TIME TO REVIEW LENGTHY SUBMISSIONS.

- Evidence that an adequate water supply (quantity, quality and dependability) for the use is or will be available.
- Evidence that an adequate means of sewage and wastewater disposal is or will be available.
- Soils report prepared by the local conservation district, professional soils engineer or geologist when appropriate;
- Proposed covenants, if any;
- Statement of how the approval standards for a Special Use Permit can be met by the proposal;
- If special criteria as defined in *Standards for Specific Uses* have been established for the proposed use, a statement of how these criteria will be met;
- If in an Airport Overlay District, a written recommendation from the appropriate board or official;
- If in an irrigation district, a plan regarding the attached water rights and easement for irrigation facilities.

**INCLUDE THE FOLLOWING GRAPHIC MATERIAL WITH YOUR APPLICATION (IF APPLICABLE):**

- Vicinity map;
- Detailed plan-view drawing showing building locations, parking areas, access and circulation, storm water drainage and activity areas (include boundary of entire area impacted by the proposed use);
- Building floor plans and heights;
- Map showing topography and natural features

Park County, Wyoming – Planning & Zoning

Special Use Permit Application

Horizon Tower – Hoodoo Land Holdings: Frontier Telecommunications Tower

Written Description of the Proposed Use:

This proposal for a telecommunications tower & compound is on a location currently zoned Agricultural. This Telecommunications Tower would be an unmanned facility with no water or sewer needs. The 50'x50' fenced compound would host telecommunications base radios and equipment for up to four Carriers. The proposed gravel road to the fenced compound would also facilitate parking outside of the compound's locked gate.

This proposed communication tower & facility is designed to be under 200' tall to eliminate the need/requirement for tower top lighting. Because tower is less than 200' tall, no blinking lights nor strobe lights are known to be required, unless determined by the FAA to be required for this location. There are also no known air impacts for this facility.

This proposed 195' tall self-support communication tower is located north of Highway 120 S & Road 3LE. Ground equipment would have work lighting that would be directed by a timer while maintenance crews visit; there will be no constant lighting on the ground nor the tower. The Compound for the Tower would have Stymie Lock to allow several locks to be placed to access the inside of the Compound for the respective carriers, power company, and emergency services to access twenty-four hours every day.

Tower signage would show Horizon Tower's Site # and contact phone number. Tower signage would also illustrate "keep out" and/or "no trespassing". There are no anticipated adverse effects to adjacent properties.

There will be no impact to the local traffic or pedestrian circulation other than occasional visit by maintenance vehicles to visit the Site, which is anticipated to occur on average once or twice every month, year-round. There are no anticipated negative impacts to permitted uses in the area.

For further information, please contact:

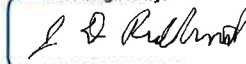

Trevor Crow  
303-905-5346  
tc@hossconsulting.com

The Planning and Zoning Commission and Board of County Commissioners approve Special Use Permits based upon the following approval standards. Complete applications will include all the written and graphic material needed to assist with the decision-making process and addressing each standard.

- Compatibility and Impacts: The use is in harmony and compatible with surrounding land uses and with the neighborhood and will not create a substantial adverse impact on adjacent properties;
- Services and Infrastructure: Adequate services and infrastructure are available to serve the use, or the applicant has agreed to provide services and infrastructure in sufficient time to serve the proposed use;
- Specific Criteria: The use complies with all specific criteria stated in these regulations for the use; and
- Overlay Districts: The use complies with additional requirements of overlay districts (i.e., floodplain, agricultural or airport), if applicable.

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**SIGN HERE:** *In accordance with Wyo. Stat. §1-2-104, I certify under penalty of false swearing that the foregoing is true and the information provided in this application is accurate and complete. I agree that providing incomplete or inaccurate information may void or delay any and all permits authorized under this application. I further understand that any permit granted under this application by the Park County Board of Commissioners does not approve any continued or future violation of County regulations or State law. I further agree to comply with all County regulations and laws of the State of Wyoming pertaining to this application and authorize representatives of Park County to enter upon the abovementioned property for inspection purposes before, during and/or after the permitting process to ensure compliance. I further acknowledge that if signing on behalf of co-owners, multiple owners, a corporation, partnership, Limited Liability Company or similar entity, the undersigned hereby swear(s) that authorization is given, to the full extent required, with the necessary and appropriate approval, allowing the undersigned to act on behalf of such entity. I also understand that additional permitting may be necessary prior to or after the authorization of a Special Use Permit.*

Mr. JD Radakovich	<small>DocuSigned by:</small>  <small>7499B9EC8A33449</small>	4/15/2024
Owner's Name (required)	Owner's Signature (required)	Date
Trevor D. Crow		4/15/2024
Applicant's Name (if not the owner)	Applicant's Signature	Date

\*\*\* BELOW – FOR OFFICE USE ONLY \*\*\*

Zoning District (circle one): GR-M GR-P GR-40 GR-35 GR-20 GR-5 RR-2 R-H C I T

- In GR-M?  NO  YES – Referred application to MLPAAC on: \_\_\_\_\_
- Within one mile of a city?  NO  YES – Referred application to \_\_\_\_\_ on: \_\_\_\_\_
- Planning Area: Meeteetse Local
- Use Classification: \*\*May require Site Plan Review.

<u><b>Residential Use</b></u> <input type="checkbox"/> Mobile Home <input type="checkbox"/> Mobile Home Park** <input type="checkbox"/> Multi-family housing** <input type="checkbox"/> Single family dwelling <u><b>Residential Business</b></u> <input type="checkbox"/> Major home occupation <input type="checkbox"/> Cottage industry** <u><b>Agricultural Use</b></u> <input type="checkbox"/> Feedlot** <u><b>Public, Utility or Quasi-Public Use</b></u> <input type="checkbox"/> Minor community use** <input type="checkbox"/> Major community use** <input checked="" type="checkbox"/> Major utility use** <u><b>Institutional Use</b></u> <input type="checkbox"/> Minor institutional use** <input type="checkbox"/> Correctional facility** <input type="checkbox"/> Minor residential religious use** <input type="checkbox"/> Minor residential school** <input type="checkbox"/> Major institutional use**	<u><b>Temporary Use</b></u> <input type="checkbox"/> Construction staging area, minor** <input type="checkbox"/> Construction staging area, major** <input type="checkbox"/> Special Event <input type="checkbox"/> Temporary heliport <input type="checkbox"/> Highway/road maintenance area <input type="checkbox"/> Work Camp** <u><b>Transportation Use</b></u> <input type="checkbox"/> Bus Terminal** <input type="checkbox"/> Truck terminal** <input type="checkbox"/> Heliport** <input type="checkbox"/> Landing Strip** <input type="checkbox"/> Commercial Airport** <input type="checkbox"/> Rail facility** <input type="checkbox"/> Railroad rights-of-way** <input type="checkbox"/> Transmission pipeline <u><b>Recreation Use</b></u> <input type="checkbox"/> Minor commercial recreation** <input type="checkbox"/> Minor outdoor recreation facility** <input type="checkbox"/> Major recreation facility** <input type="checkbox"/> Campground** <input type="checkbox"/> Dude ranch and resort** <input type="checkbox"/> Parking/outfitting <input type="checkbox"/> Ski center**	<u><b>Commercial Use</b></u> <input type="checkbox"/> Minor commercial business** <input type="checkbox"/> Major commercial business** <input type="checkbox"/> Highway commercial business** <input type="checkbox"/> Agricultural support business** <input type="checkbox"/> Commercial storage** <input type="checkbox"/> Adult use** <u><b>Industrial Use</b></u> <input type="checkbox"/> Minor industrial use** <input type="checkbox"/> Major industrial use** <input type="checkbox"/> Minor wholesale business** <input type="checkbox"/> Major wholesale business** <input type="checkbox"/> Rock products mine, large** <input type="checkbox"/> Rock products mine, small** <input type="checkbox"/> Rock products mine, minor <input type="checkbox"/> Salvage yard** <input type="checkbox"/> Value-added agricultural** <input type="checkbox"/> Slaughterhouse/Abattoir <input type="checkbox"/> Crematorium <u><b>Accessory Use</b></u> <input type="checkbox"/> Large impact structure**
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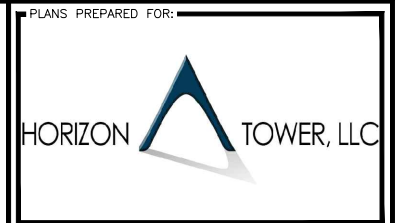
- Site Plan Review Req'd (p.138)?  YES  NO If yes: Special Site Plan Review Req'd (p.141)?  YES  NO
  - Total Building Square Footage > 5,000?  YES  NO
  - More than one acre impacted?  YES  NO
- SWW:  Adequate (Permit #: \_\_\_\_\_)  New/upgrade req'd (Permit #: \_\_\_\_\_)  N/A
- 20-foot from CR ROW?  YES  NO - If no, notify applicant of requirement.
- In an ag overlay zone?  YES  NO - If yes, consult ag overlay regs & notify applicant of dust/noise considerations.
- In a flood overlay zone?  YES  NO - If yes, contact applicant regarding floodplain development reqs.
  - LOMA \_\_\_\_\_  FPD PERMIT \_\_\_\_\_
- In an airport overlay zone?  YES  NO - If yes, consult airport overlay regs.
- Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- PZ Comm Recommended:  APPROVAL  DENIAL - Reason: \_\_\_\_\_
- BCC Approved?  YES  NO If yes, date of BCC decision: \_\_\_\_\_
  - If no, reason: \_\_\_\_\_

Staff Initials: \_\_\_\_\_





HORIZON TOWER ID: FRONTIER  
 SITE ADDRESS: STATE HWY. 120 & ROAD 3LE  
 MEETEETSE, WY 82433  
 JURISDICTION: -  
 SITE TYPE: 195' SELF-SUPPORT



PLANS PREPARED FOR:  
 420 W 5th Avenue  
 Denver, CO 80204  
 303.324.0749  
 www.hossconsulting.com

PLANS PREPARED BY:  
 T-SQUARED  
 SITE SERVICES  
 2501 SHENANGO VALLEY FREEWAY, SUITE 3  
 HERMITAGE, PA 16148  
 724.508.7955  
 www.t-squared.com  
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REVISIONS:	DESCRIPTION	DATE	BY	REV
REVISED ZDS		04.15.24	CAR	1
ISSUED FOR REVIEW		02.09.24	JK	0

PROJECT INFO  
 HORIZON TOWER ID:  
 FRONTIER  
 STATE HWY. 120 &  
 ROAD 3LE  
 MEETEETSE, WY 82433  
 PROPOSED 195'  
 SELF-SUPPORT TOWER  
 TITLE SHEET

SHEET NUMBER: T-1	REV.: 0 4,044
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SITE INFORMATION	
SITE NAME:	FRONTIER
SITE ADDRESS:	STATE HWY. 120 & ROAD 3LE MEETEETSE, WY 82433
COUNTY:	PARK
AREA OF CONSTRUCTION:	RAWLAND
LATITUDE:	44.240067° N (44° - 14' - 24.24" N)
LONGITUDE:	-108.828694° W (108° - 49' - 43.30" W)
LAT/LONG TYPE:	NAD83
JURISDICTION:	-
OCCUPANCY CLASSIFICATION:	AGRICULTURAL
TYPE OF CONSTRUCTION:	II-B
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
LAND OWNER:	HOODOO LAND HOLDINGS, LLC 1900 N. AKARD ST. DALLAS, TX 75201
PH:	-
TOWER OWNER:	HORIZON TOWER, LLC 117 TOWN & COUNTRY DRIVE, SUITE A DANVILLE, CA 94526 925.314.1113
PH:	CONTACT: SUZIE DENSMORE



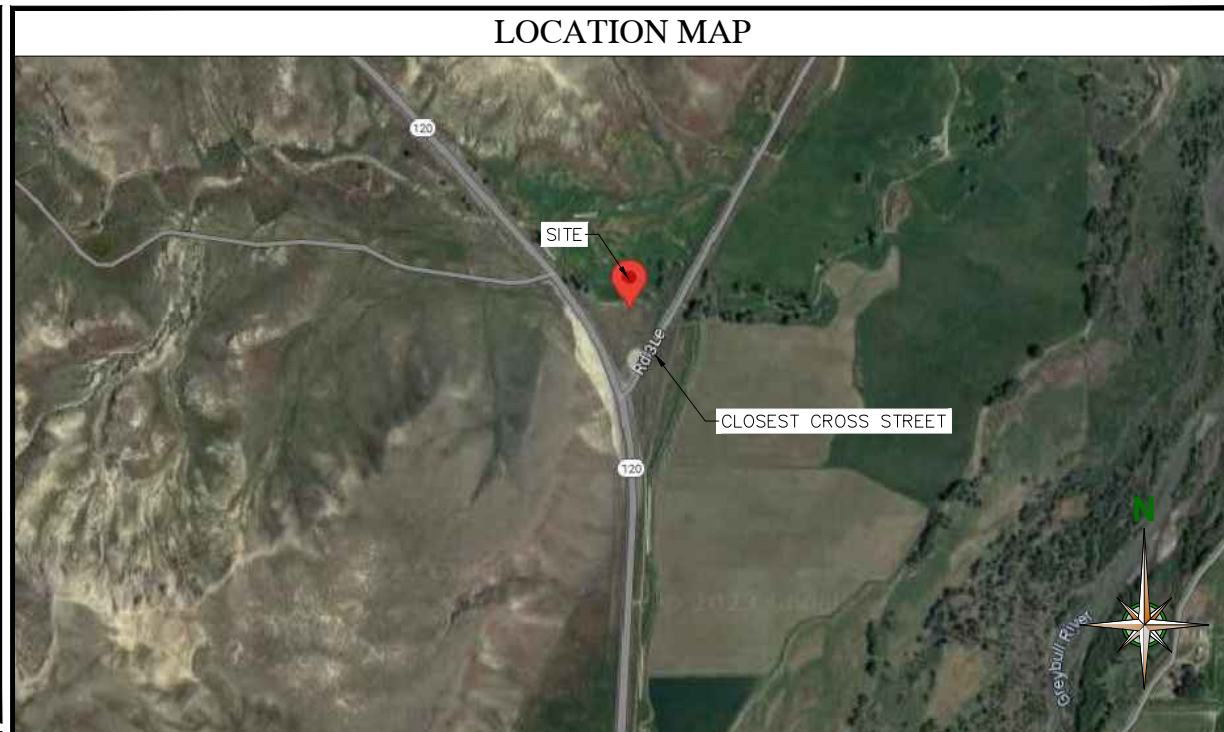
DRAWING INDEX	
SHEET NUMBER	SHEET DESCRIPTION
T-1	TITLE SHEET
LS-1	SITE SURVEY
LS-2	SURVEY DETAIL
LS-3	SURVEY NOTES
Z-1	OVERALL SITE PLAN
Z-1-1	SITE PLAN
Z-2	COMPOUND PLAN
Z-2.1	OVERALL COMPOUND PLAN
Z-3	ELEVATIONS
Z-4	TYPICAL CHAIN LINK FENCE DETAILS
Z-5	ROAD SECTION DETAILS
Z-6	UTILITY GATE DETAIL
Z-7	GROUNDING

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 11X17. CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

**PROJECT DESCRIPTION**  
 THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY.

- INSTALL 195' SELF-SUPPORT TOWER
- INSTALL 50'x50' LEASE AREA/FENCED COMPOUND
- INSTALL UTILITY BACKBOARD & UTILITIES
- INSTALL ACCESS ROAD WITH HAMMER HEAD TURN-AROUND
- INSTALL METAL GATES & BRACES AT BEGINNING OF ACCESS ROAD
- INSTALL CATTLE GUARD AT BEGINNING OF ROAD

THE PARTIES ABOVE HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL CONSTRUCTION DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND ANY CHANGES AND MODIFICATIONS THE MAY IMPOSE.



DIRECTIONS FROM YELLOWSTONE REGIONAL AIRPORT:  
 HEAD SOUTH ON ROGER SEDAM DRIVE TOWARD US-14 E/US-16 E/US-20 E, TURN RIGHT ONTO US-14 W/US-16 W/US-20 W, TURN LEFT ONTO WY-120 E, TURN LEFT ONTO RD 3LE/BURLINGTON MEETEETSE RD, DESTINATION WILL BE ON THE LEFT.  
**CLOSEST CROSS STREET IS THE US HWY 14/WY 341 INTERSECTION**

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

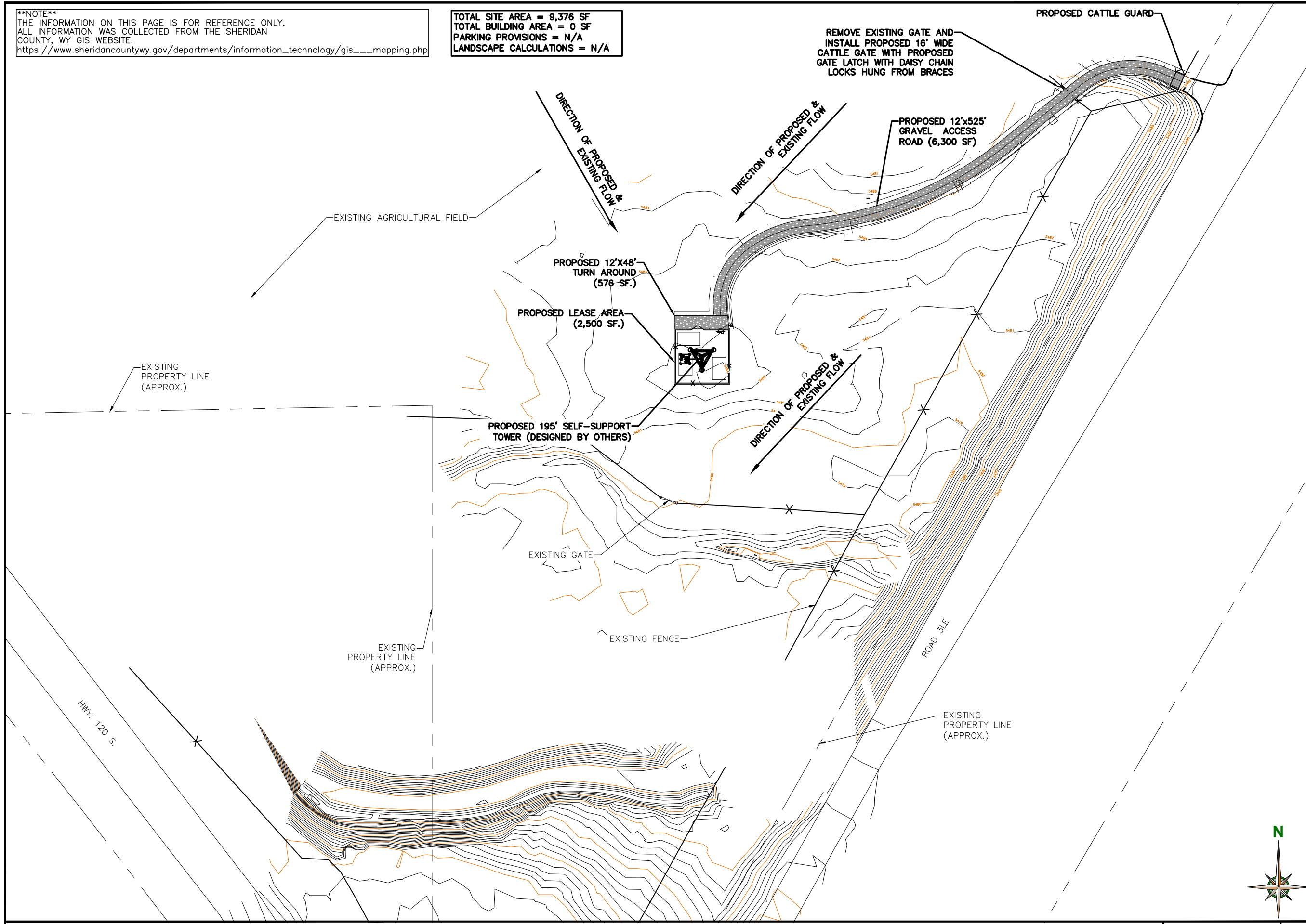
- 2021 INTERNATIONAL BUILDING CODE
- 2021 NATIONAL ELECTRIC CODE
- 2021 INTERNATIONAL FIRE CODE
- 2021 INTERNATIONAL MECHANICAL CODE
- 2018 INTERNATIONAL EXISTING BUILDING CODE
- 2018 INTERNATIONAL RESIDENTIAL CODE


CALL WYOMING ONE CALL  
 (800) 849-2476  
 CALL 3 WORKING DAYS  
 BEFORE YOU DIG!



**\*\*NOTE\*\***  
 THE INFORMATION ON THIS PAGE IS FOR REFERENCE ONLY.  
 ALL INFORMATION WAS COLLECTED FROM THE SHERIDAN  
 COUNTY, WY GIS WEBSITE.  
[https://www.sheridancountywy.gov/departments/information\\_technology/gis\\_mapping.php](https://www.sheridancountywy.gov/departments/information_technology/gis_mapping.php)

TOTAL SITE AREA = 9,376 SF  
 TOTAL BUILDING AREA = 0 SF  
 PARKING PROVISIONS = N/A  
 LANDSCAPE CALCULATIONS = N/A



PLANS PREPARED FOR:  
  
 HORIZON TOWER, LLC

PLANS PREPARED BY:  
  
 420 W 5th Avenue  
 Denver, CO 80204  
 303.324.0749  
[www.hossconsulting.com](http://www.hossconsulting.com)

PLANS PREPARED BY:  
  
 2501 SHENANGO VALLEY FREEWAY, SUITE 3  
 HERMITAGE, PA 16148  
 724.508.7855  
[www.t-squared.com](http://www.t-squared.com)  
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REVISED ZDS		04.15.24	CAR	1
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 FRONTIER

STATE HWY. 120 &  
 ROAD 3LE  
 MEETEETSE, WY 82433

PROPOSED 195'  
 SELF-SUPPORT TOWER

SITE PLAN

SHEET NUMBER:	REV.:
Z-1-1	0
	4,044



SITE PLAN

N.T.S.

A

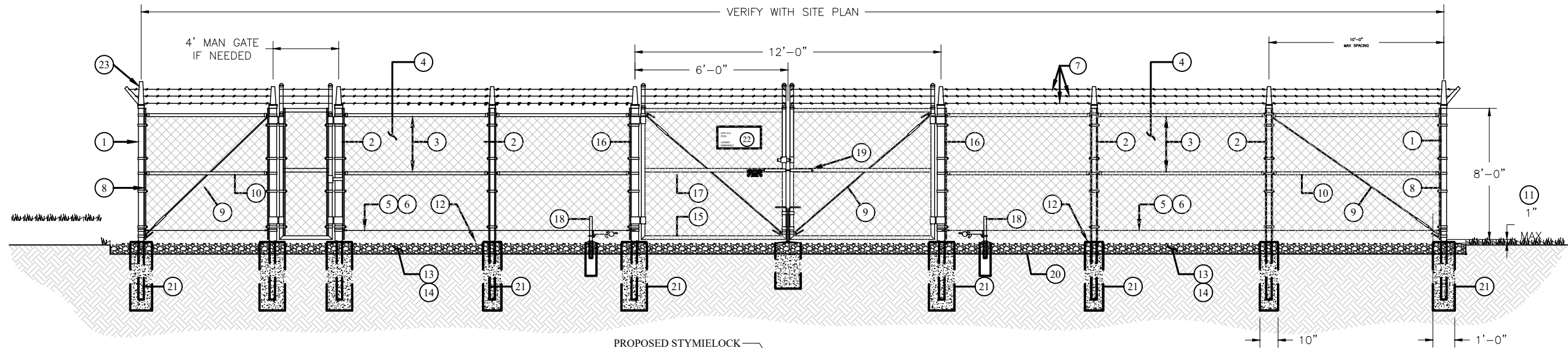




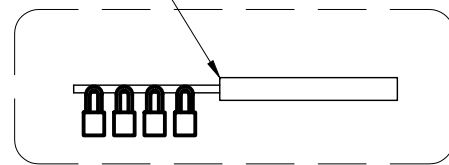






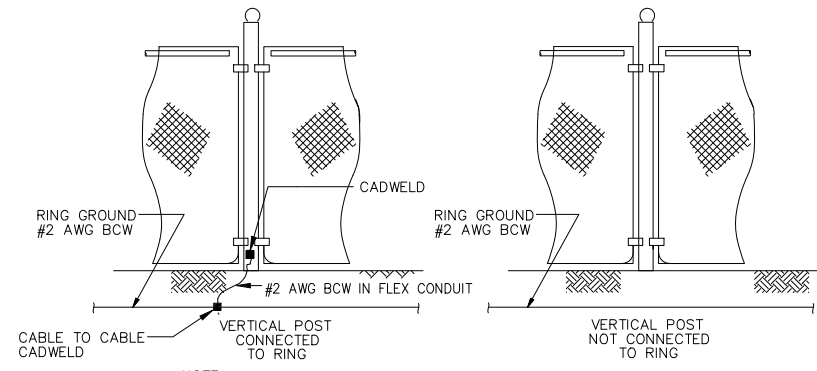


PROPOSED STYMILOCK



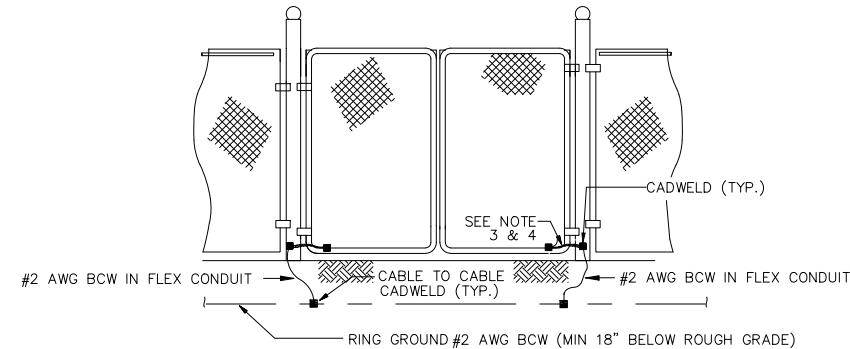
**BALLOON REFERENCE NOTES:**

1. CORNER, END OR PULL POST: 3" O.D. SCHEDULE 40 PIPE.
2. LINE POST: 2 1/2" NOMINAL SCHEDULE 40 PIPE, PER ASTM-F1083. LINE POSTS SHALL BE EQUALLY SPACED AT MAXIMUM 10'-0" O.C.
3. TOP RAIL & BRACE RAIL: 1-5/8" O.D. STANDARD ROUND PIPE, PER ASTM-F1083.
4. FABRIC: 9 GA CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
5. TIE WIRE: 9 GA ALUMINUM. A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED 12" O.C. POSTS/GATES AND 24" RAILS/WIRE.
6. TENSION WIRE: 9 GA ALUMINUM
7. BARBED WIRE: DOUBLE STRAND 12-1/2" O.D. TWISTED WIRE .14 GA, 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
8. 3/16" X 3/4" (MIN) FULL HEIGHT STRETCHER BAR.
9. 3/8" DIAGONAL ROD WITH GALVANIZED STEEL TURNBUCKLE OR DIAGONAL THREADED ROD.
10. FENCE CORNER POST BRACE: 1 5/8" NOMINAL PIPE.
11. 1" MAXIMUM CLEARANCE FROM FINISH GRADE.
12. FENCE POST FOUNDATION TO BE 1" FINISH ABOVE FINISHED GRADE
13. 6" COMPACTED BASE MATERIAL.
14. FINISH GRADE SHALL BE UNIFORM AND LEVEL.
15. WELDED GATE FRAME: 2" O.D., SCHEDULE 40 PIPE, PER ASTM-F1083.
16. GATE POST 4" O.D., SCHEDULE 40 PIPE, PER ASTM-F1083.
17. GATE FRAME BRACE RAIL: 1 1/2" NOMINAL PIPE, PER ASTM-F1083.
18. DUCK BILL OPEN GATE HOLDER. VERIFY LOCATION IN FIELD PRIOR TO INSTALLATION.
19. STYMI LOCK MULTI-TENANT LOCKING DEVICE (1-5' SLIDE BAR AND 3 SLEEVES)
20. GEOTEXTILE FABRIC
21. CONCRETE FOUNDATION (MIN 3000 PSI). MINIMUM DEPTH: 6" BELOW FROST LINE
22. 10"x12" HORIZON TOWERS SITE INFORMATION SIGN.
23. CORNER POSTS (4) EXTENDED 1' ABOVE CHAIN LINK FENCE FOR ROBUST SUPPORT OF BARBED WIRE & TO MATCH NEARBY SECURITY FENCES



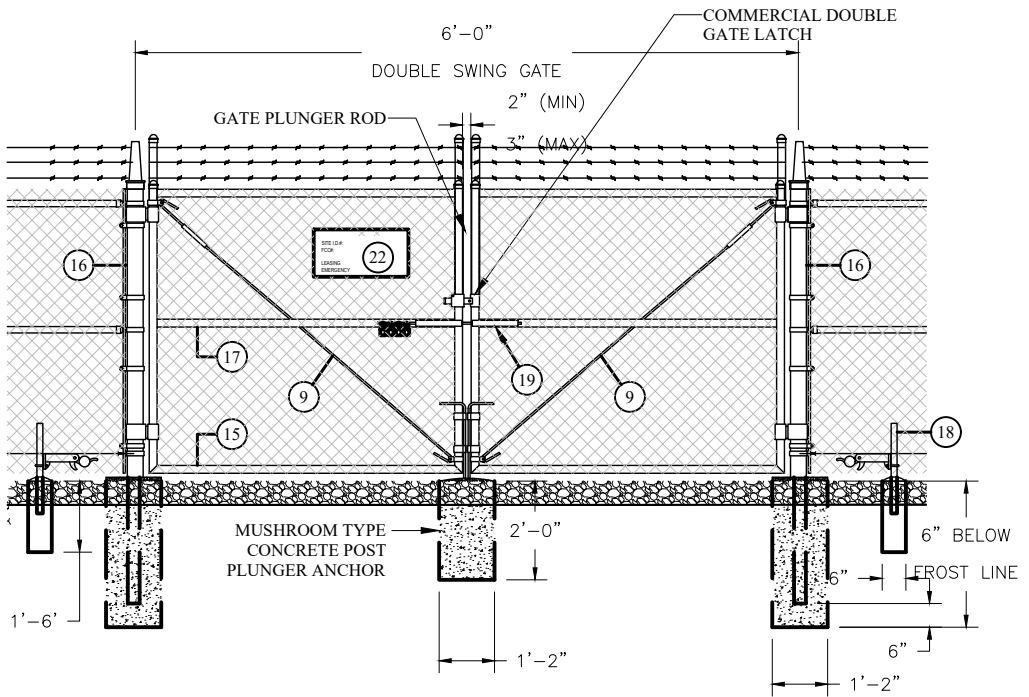
**NOTE:**

1. VERTICAL POSTS SHALL BE BONDED TO THE RING AT EACH CORNER AND AT EACH GATE POST. AS A MINIMUM ONE VERTICAL POST SHALL BE BONDED TO THE GROUND RING IN EVERY 100 FOOT STRAIGHT RUN OF FENCE.
2. HORIZONTAL POLES SHALL BE BONDED TO EACH OTHER.
3. BOND EACH HORIZONTAL POLE / BRACE TO EACH OTHER AND TO EACH VERTICAL POST THAT IS BONDED TO THE EXTERIOR GROUND RING
4. GATE POST GROUND LEADS AND GATE JUMPERS TO BE IN FLEX CONDUIT



**NOTE:**

1. THE #2 AWG, BCW, FROM THE RING GROUND SHALL BE CADWELDED TO THE POST ABOVE GRADE.
2. BOND EACH HORIZONTAL POLE/BRACE TO EACH OTHER AND TO EACH VERTICAL POLE BONDED TO THE EXTERIOR GROUND RING
3. GATE JUMPER SHALL BE #4/0 AWG WELDING CABLE OR FLEXIBLE COPPER BRAID BURNDY TYPE B WITH SLEEVES ON EACH END DESIGNED FOR EXOTHERMIC WELDING.
4. GATE JUMPER SHALL BE INSTALLED SO THAT IT WILL NOT BE SUBJECTED TO DAMAGING STRAIN WHEN GATE IS FULLY OPEN IN EITHER DIRECTION.
5. GATE POST GROUND LEADS AND GATE JUMPERS TO BE IN FLEX CONDUIT.



**GENERAL NOTES:**

1. INSTALL FENCING PER ASTM F-567
2. INSTALL SWING GATES PER ASTM F- 900
3. POST & GATE PIPE SIZES ARE INDUSTRY STANDARDS. ALL PIPE TO BE GALVANIZED (HOT DIP, ASTM A120 GRADE "A" STEEL). ALL GATE FRAMES SHALL BE WELDED. ALL WELDING SHALL BE COATED WITH (3) COATS OF COLD GALV. (OR EQUAL).
4. ALL OPEN POSTS SHALL HAVE END-CAPS.
5. USE GALVANIZED HOG-RING WIRE TO MOUNT ALL SIGNS.

PLANS PREPARED FOR:

PLANS PREPARED FOR:  
  
 420 W 5th Avenue  
 Denver, CO 80204  
 303.324.0749  
 www.hossconsulting.com

PLANS PREPARED BY:  
  
 2501 SHENANGO VALLEY FREEWAY, SUITE 3  
 HERMITAGE, PA 16148  
 724.308.7955  
 www.t-squared.com  
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REVISIONS:	DESCRIPTION	DATE	BY	REV
REVISED ZDS		04.15.24	CAR	1
ISSUED FOR REVIEW		02.09.24	JK	0

PROJECT INFO

HORIZON TOWER ID:  
 FRONTIER  
  
 STATE HWY. 120 &  
 ROAD 3LE  
 MEETEETSE, WY 82433  
  
 PROPOSED 195'  
 SELF-SUPPORT TOWER  
  
 TYPICAL CHAIN LINK  
 FENCE DETAILS

SHEET NUMBER:  
**Z-4**  
 REV:



PLANS PREPARED FOR:



PLANS PREPARED FOR:



420 W 5th Avenue  
Denver, CO 80204  
303.324.0749  
www.hossconsulting.com

PLANS PREPARED BY:



2501 SHENANGO VALLEY FREEWAY, SUITE 3  
HERMITAGE, PA 16148  
724.508.7955  
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PROJECT INFO

HORIZON TOWER ID:  
FRONTIER

STATE HWY. 120 &  
ROAD 3LE  
MEETEETSE, WY 82433

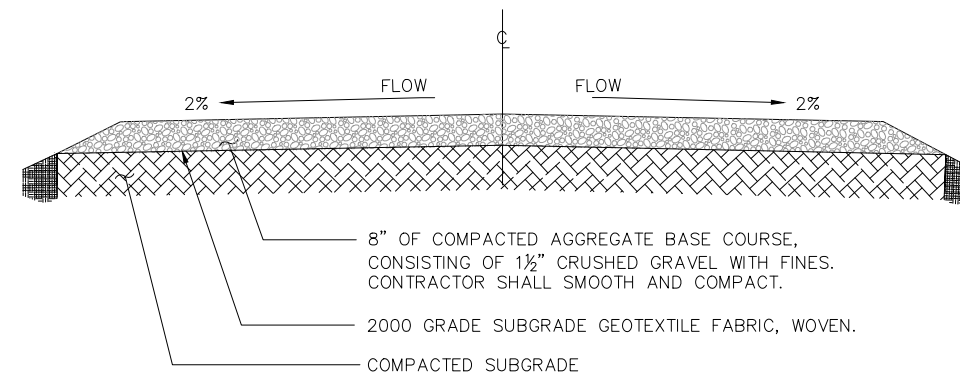
PROPOSED 195'  
SELF-SUPPORT TOWER

ROAD SECTION  
DETAILS

SHEET NUMBER: REV:

Z-5

4,044



NOT USED

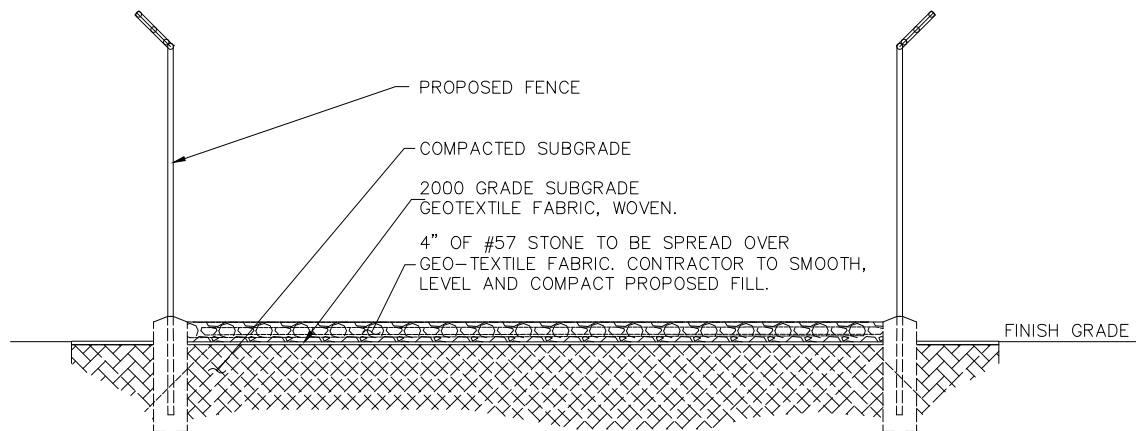
N.T.S.

A

STANDARD ROAD SECTION (GOOD SUBGRADE)

N.T.S.

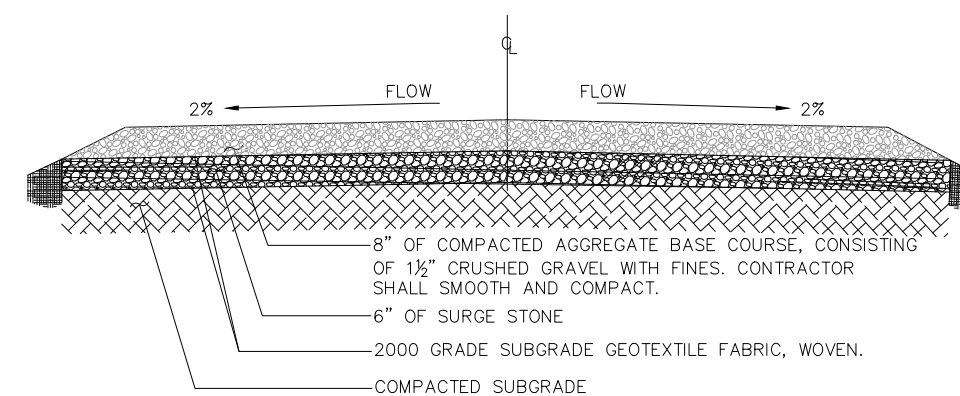
B



COMPOUND SECTION VIEW

N.T.S.

C



STANDARD ROAD SECTION (POOR SUBGRADE)

N.T.S.

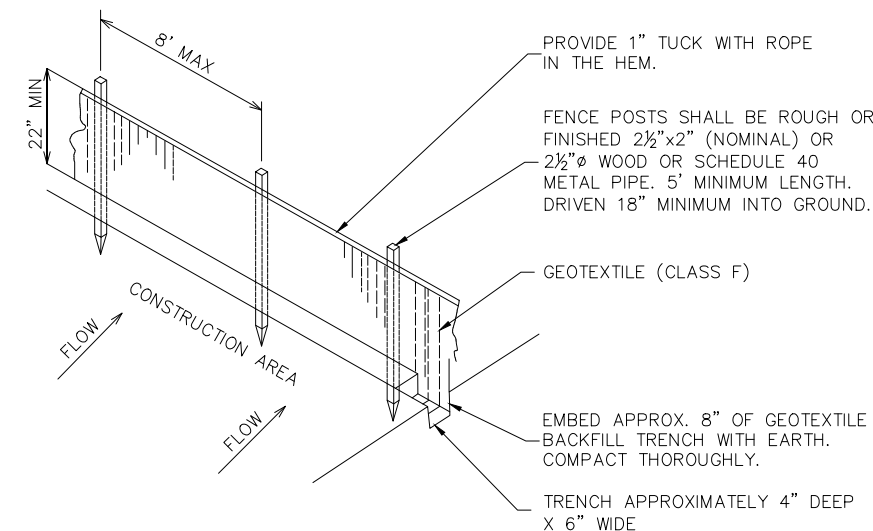
D

**GRADING NOTES:**

- CONSTRUCTION WILL BE SEQUENCED SO THAT GRADING OPERATIONS CAN BEGIN AND END AS QUICKLY AS POSSIBLE.
- TEMPORARY SEEDING OR OTHER STABILIZATION, INCLUDING GRAVEL COVER ON ANY NEW ACCESS ROAD, WILL FOLLOW IMMEDIATELY AFTER GRADING.
- THE JOB SUPERINTENDENT SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL PRACTICES.
- AFTER ACHIEVING ADEQUATE STABILIZATION, THE TEMPORARY E&S CONTROLS WILL BE CLEANED UP AND REMOVED.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING FINISH GRADING. SEEDING SHALL BE DONE WITH A SEED APPROVED BY LARIMER COUNTY. SEE ADDITIONAL NOTES ON SHEET N-1.
- EROSION CONTROL BLANKETS WILL BE INSTALLED OVER FILL SLOPES WHICH HAVE BEEN BROUGHT TO FINAL GRADE AND HAVE BEEN SEED TO PROTECT SLOPES FROM RILL AND GULLY EROSION AND TO ALLOW SEED TO GERMINATE PROPERLY. MULCH (STRAW OR FIBER) WILL BE USED ON RELATIVELY FLAT AREA. IN ALL SEEDING OPERATIONS, SEED, FERTILIZER AND LIME WILL BE APPLIED PRIOR TO MULCHING.

**EROSION NOTES:**

- GEOTEXTILE FABRIC TO BE FASTENED SECURELY TO FENCE POST BY USE OF WIRE TIES OR HOG RINGS. 3 FASTENERS PER POST.
- ENDS OF INDIVIDUAL ROLLS OF GEOTEXTILE SHALL BE SECURELY FASTENED TO A COMMON POST OR OVERLAPPED 3' (MINIMUM).
- THIS DEVICE IS INTENDED TO CONTROL SHEET FLOW ONLY. IT WILL NOT BE USED IN AREAS OF CONCENTRATED FLOW WITH A DRAINAGE AREA OF 1/2 ACRE OR MORE.



SILT FENCE DETAILS

N.T.S.

D

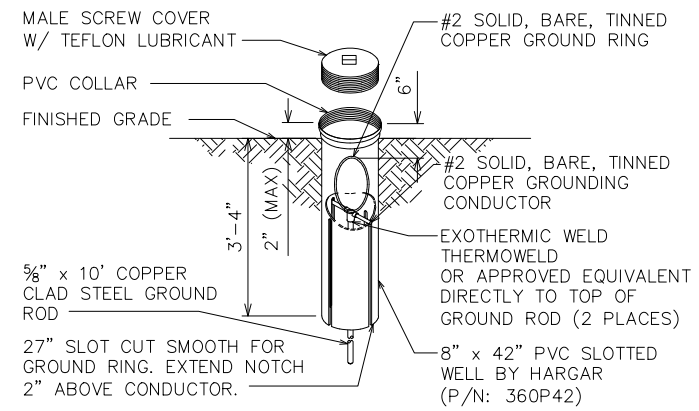
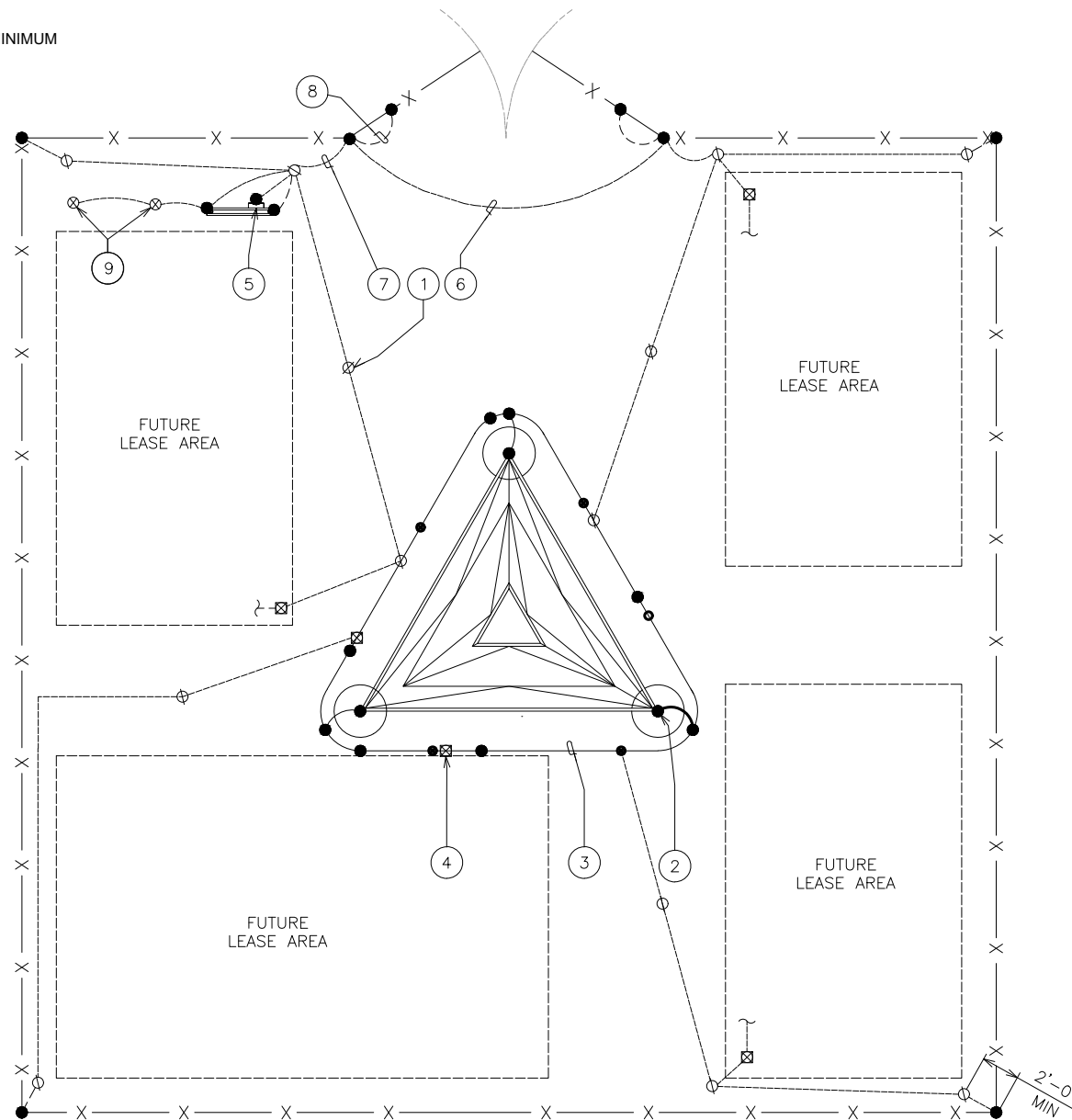


**DRAWING NOTES:**

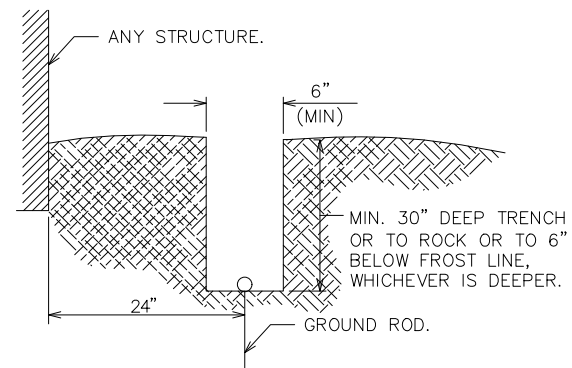
1. 5/8"x10' COPPER GROUND ROD
2. CIGBE GROUND ROD. SEE DETAIL SHEET E-6.
3. TOWER GROUND RING, #2 COPPER CONDUCTOR BARE-TINNED SOLID BURIED 30" BFG.
4. INSPECTION WELL, (2 REQUIRED) SEE DETAIL ON THIS SHEET.
5. ACEG
6. GATE POST GROUNDING. SEE DETAIL THIS PAGE.
7. #2 BARE, TINNED, SOLID COPPER CONDUCTOR TO THE GATE POST.
8. BRAIDED GROUND STRAP OR 4/0 WELDING CABLE
9. ELECTRICAL SERVICE GROUND RODS, MINIMUM 6-FEET SEPARATION.

**GROUNDING NOTES:**

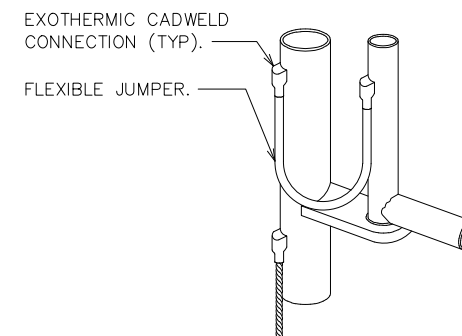
1. GROUNDING ELECTRODES SHALL BE CONNECTED IN A RING USING #2 SOLID CONDUCTOR. THE TOP OF THE GROUND RODS AND THE RING CONDUCTOR SHALL BE 30" (MIN) BELOW FINISHED GRADE. GROUNDING ELECTRODES SHALL BE DRIVEN ON 10'-0" CENTERS. (6'-0" MINIMUM; 16'-0" MAXIMUM)
2. BONDING OF THE GROUNDING CONDUCTOR (NEUTRAL) AND THE GROUNDING CONDUCTOR SHALL BE AT THE SERVICE DISCONNECTING MEANS. BONDING JUMPER SHALL BE INSTALLED PER NEC ARTICLE 250.30.
3. GROUND SHELTER/EQUIPMENT TO GROUND RING PER HORIZON TOWER CELL SITE GROUNDING AND LIGHTNING PROTECTION SPECIFICATIONS.



INSPECTION WELL DETAIL



TRENCH DETAIL



GATE POST

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FRONTIER

STATE HWY. 120 &  
ROAD 3LE  
MEETEETSE, WY 82433

PROPOSED 195'  
SELF-SUPPORT TOWER

GROUNDING

SHEET NUMBER: REV.:

Z-7