

**Vision Beyond Borders
Commercial Development Plan**

Planning Commission Meeting

January 2, 2025

February 6, 2025

City Council Meeting

Applicants: Patrick Klein, Vision Beyond Borders

Case Number: 24.04 DEV

Agent: Steve Granger, ECS Engineering

Summary: The applicant is proposing to construct a commercial pole building.

Legal Description: Lot 3, Vision Beyond Borders Addition

Location: The property is located on the southwest side of Yellowstone Highway, at the intersection with Radio Rd.

Current Zoning: C-1 (General Commercial) *no change of zoning is requested or required.

Adjacent Land Use: North: Yellowstone Highway ROW
South: Lariat Mobile Home Court (MP)
East: Lariat Mobile Home Court (MP)
West: Various commercial businesses (C-1)

Applicable Land Development Regulations

Section 10.40 of the Mills LDRs provides the review criteria for the approval of a Development Plan. Those criteria include whether the site plan complies with all applicable regulations and if the development requires any additional site and design considerations. The proposed development should not create conflicts with vehicle, bicycle or pedestrian circulation and the Commission and/or City Council may require modifications, or condition plans, to ensure specific design features and conformance with all applicable standards.

Summary:

A Development Plan application has been submitted for a new pole building for Vision Beyond Borders, located just off Yellowstone Highway, accessing via Radio Ave. The site encompasses .75-acres and is zoned C-1 (General Commercial).

The Planning Commission is tasked with reviewing certain design considerations required with a Development Plan. Per Section 40.40 of the LDRs, a minimum of 10% of this site must be landscaped. An exterior lighting plan is also to be submitted with a Development Plan

application. Off-street parking requirements are also required to be met. Per Section 40.10, six (6) off-street parking spaces are required and all parking spaces, driveways, entrances and exits from the parking area to be paved with asphalt, concrete or a similar permanent surface.

The submitted Development Plan depicts the required six (6) parking spaces as paved, however, the applicant has indicated on the Development Plan and in the application their intention to utilize gravel surfacing across the remainder of the site, with plans to pave in the future. The Commission should evaluate this request and either include a recommendation to Council to allow an exception to the paving requirement or request a revision of the application to show a fully paved surface at time of construction.

Planning Considerations:

1. The previous application contained a conceptual exterior lighting plan. A more detailed exterior lighting plan has been provided with this submittal and appears to be in conformance with the LDRs.
 - a. No parking lot lighting is proposed
 - b. Exterior lighting will be limited to the building with shielded wall-packs. The applicant needs to specify which model of the Sling Series Slender Wallpack light will be utilized.
 2. Section 40.40(4), a minimum of 10% of the site shall be landscaped. A conceptual landscaping plan was submitted with the previous application. An updated, detailed landscape plan has been submitted and appears to be in conformance with the LDRs.
 3. Per Section 40.10(6) all required parking spaces and all driveways, entrances and exits from the parking area shall be paved with asphalt, concrete or similar permanent surface.
 - a. If the Planning Commission desires to allow an alternate surfacing type, either temporarily or permanently, the motion and recommendation to Council should include language to that effect.
 4. Enter into an approved Site Plan Agreement upon approval of the Development Plan.
 5. A new address will be assigned after approval of the site plan.
 6. Provide final, City Engineer approved design plans for:
 - a. Final grading plan
 - b. Final access/approach plans
 - c. Final utility service plans
 7. Obtain all required building permits for:
 - a. All site lighting
 - b. All on-premise signage.
-
-

Staff Recommendation:

Staff recommends APPROVAL of the Development Plan if all requirements of the LDRs are met, including paving of all entrances, exits and required parking area and all other planning considerations are completed and met.

Planning Commission Recommendation:

City Council Decision:



CITY OF MILLS
APPLICATION FOR SITE PLAN APPROVAL
Pursuant to the City of Mills Zoning Ordinance



City of Mills, Wyoming
704 4th Street (Physical Address)
P.O. Box 789 (Mailing Address)
Mills, Wyoming 82644

Date: 12/23/2024
Return by: _____
(Submission Deadline)
For Meeting on: _____

PLEASE PRINT

SINGLE POINT OF CONTACT: _____

APPLICANT/PROPERTY OWNER(S) INFORMATION:

Print Owner Name: _____
Patrick Klein
Owner Mailing Address: _____

City, State, Zip: _____
Owner Phone: 406-839-5674
Applicant Email: ptthomas@hushmail.com

AGENT INFORMATION:

Print Agent Name: _____
ECS Engineers
Agent Mailing Address: _____
1607 CY Avenue, Suite 104
City, State, Zip: Casper, WY 82604
Agent Phone: 307-337-2883
Agent Email: _____

PROPERTY INFORMATION:

Subject property legal description (attach separate page if long legal): Lot 3, Vision Beyond Borders Addition

Physical address of subject property if available: _____
Size of lot(s) sq. ft./acres: 32,497 sq. ft.
Current zoning: _____ Current use: Vacant
Intended use of the property: _____
Zoning within 300 feet: _____ Land use within 300 feet: _____

ATTACHMENTS (REQUIRED):

1. **Proof of ownership:** _____
(such as deed, title certification, attorney's title opinion)
2. **Seven (7) full sized copies of the Site Plan:** _____
3. **One reproducible 11 x 17 Site Plan hard copy:** _____
4. **One Site Plan electronic copy (pdf):** _____

IF APPLICABLE, INCLUDE:

1. Number of employees on the premises: _____
2. Building occupant loading (if recreational, entertainment, place of assembly, a facility or building of similar nature): _____
3. Number of residential units: _____
4. Number of off-street parking spaces **provided:** _____
5. Number of off-street parking spaces **required:** _____

SIGNATURE(S):

The following owner's signature signifies that all information on this application is accurate and correct to the best of the owner's knowledge; and that the owner has thoroughly read and understands all application information and requirements. [In addition to the owner's signature(s), if an agent of the owner is to be the contact for all communications relating to this application, please have the agent sign below.]

I (We) the undersigned owner(s) of the property described above do hereby make application to the City of Mills as follows:

OWNER Signature Patrick T. Klein

OWNER Signature _____

AGENT Signature _____

FEE: \$10.00 per dwelling unit with a \$250.00 minimum and a \$1000.00 maximum; **plus a recordation fee of \$150.00.**

For Office Use Only: Signature verified: _____ **Proof of ownership provided:** _____ **Fee Paid: \$** _____

January 14, 2025

Dear Planning and Zoning Committee,

Greetings! I apologize for not speaking up at the last meeting. I realize now that I missed an important opportunity to share the heart of our mission and the critical need we have for a new warehouse.

Vision Beyond Borders has been serving people and communities in need for over 40 years, both domestically and internationally. We work to send Bibles and much needed supplies around the world, support orphanages, rescue women and children from sex trafficking and help refugees and those affected by natural catastrophes. Our work is made possible through the generosity of donors and the efforts of countless volunteers who come together to collect, sort, and distribute supplies to those in desperate situations around the world. However, since selling our previous warehouse facility near Bar Nunn, our ability to continue this vital work has been severely impacted.

In the past year alone, we have carried out several significant outreach efforts:

- We sent two 40-foot containers filled with clothes, school supplies, dry food, and hygiene items to Syrian refugees in Jordan.
- We provided a 40-foot container of essential supplies to a nursing home in Cuba.
- We delivered a truck and trailer full of children's Bibles and clothing to Navajo children on the reservation in Arizona.
- We sent a semi-truck load of clothes and supplies to North Carolina to assist hurricane victims; we are hoping to send more supplies once our new warehouse is constructed and functioning.
- Most recently, we transported 36 suitcases filled with crucial supplies to help tribal people caught in the midst of a civil war in Burma. We are in need of more room to sort and pack suitcases full of much needed medicine and vitamins for Cuba and Burma.

These efforts have provided hope and relief to tens of thousands of individuals enduring unimaginable hardships. However, without a dedicated warehouse to store, sort, and pack donations, continuing our mission has become increasingly difficult. We wish we could have extended support to those affected by the fires in California, but without adequate storage, it simply wasn't possible. While our donors have been remarkably generous, we've been forced to turn away contributions due to a lack of space. Currently, we're operating out of our thrift store and relying on rented storage units—a temporary solution that is neither practical nor sustainable for the future.

As a ministry, we have always prioritized financial stewardship, ensuring that every dollar is used to help those in need rather than incurring unnecessary debt. At this point, our need for a new warehouse has become urgent. With a dedicated space, we can maximize the impact of our ministry, efficiently manage donations, and continue providing relief to those in crisis. I want to stress that we are fully committed to complying with all regulations set by the City of Mills, and we are more than willing to pave the parking area and landscaping where applicable.

I really appreciate the time and consideration that the committee has given to our request. We are eager to move forward, and your support in securing the necessary approvals for our new warehouse would be an invaluable step in enabling us to resume our mission of helping those in need.

Thank you for your time, understanding, and assistance in this matter.

Sincerely,

Patrick T. Klein Vision Beyond Borders

"Jesus said, I am the way, the truth and the life, no one comes to the Father but by me." John 14:6

Vision Beyond Borders – Development Plan



Mills Zoning Districts

 Mills, C-1: General Commercial	 Mills, O-B: Office Business District
 Mills, C-3: Business Service District	 Mills, R-1: Single Family Dwelling District
 Mills, I-1: Light Industrial	 Mills, R-2: One and Two Family Dwelling District
 Mills, I-2: Heavy Industrial	 Mills, R-3: Multiple Family Dwelling District
 Mills, M-H: Manufactured Home District	 Mills, UA: Urban Agriculture
 Mills, M-P: Manufactured Home Park	 Mills, UR: Urban Agriculture Residential
 Mills, PLI: Public Land Institutions	

PRELIMINARY SITE PLAN FOR VISION BEYOND BORDERS IN THE CITY OF MILLS NATRONA COUNTY, WYOMING

SYMBOLS

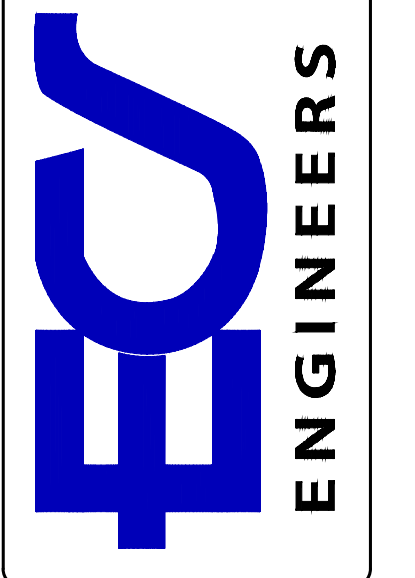
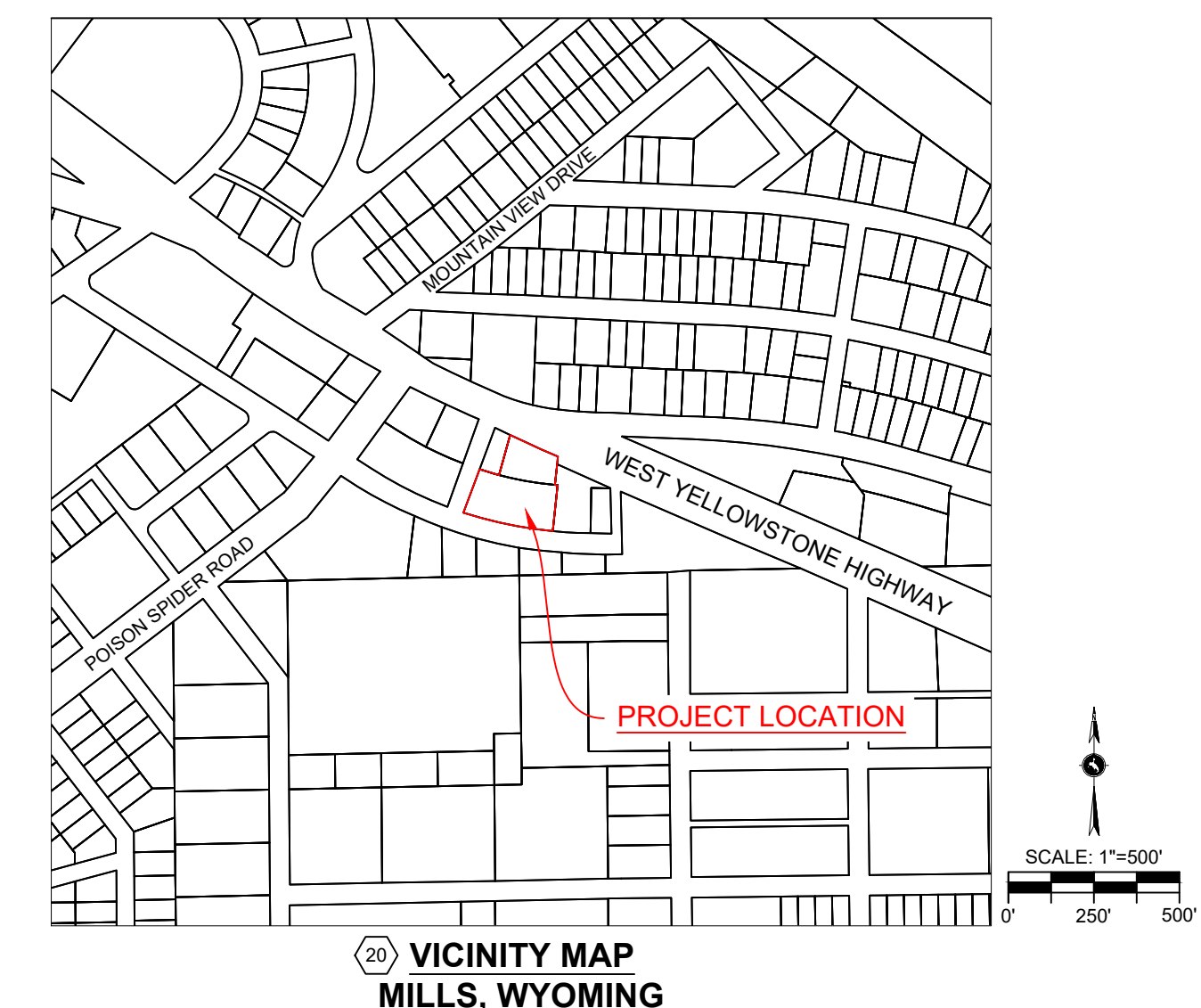
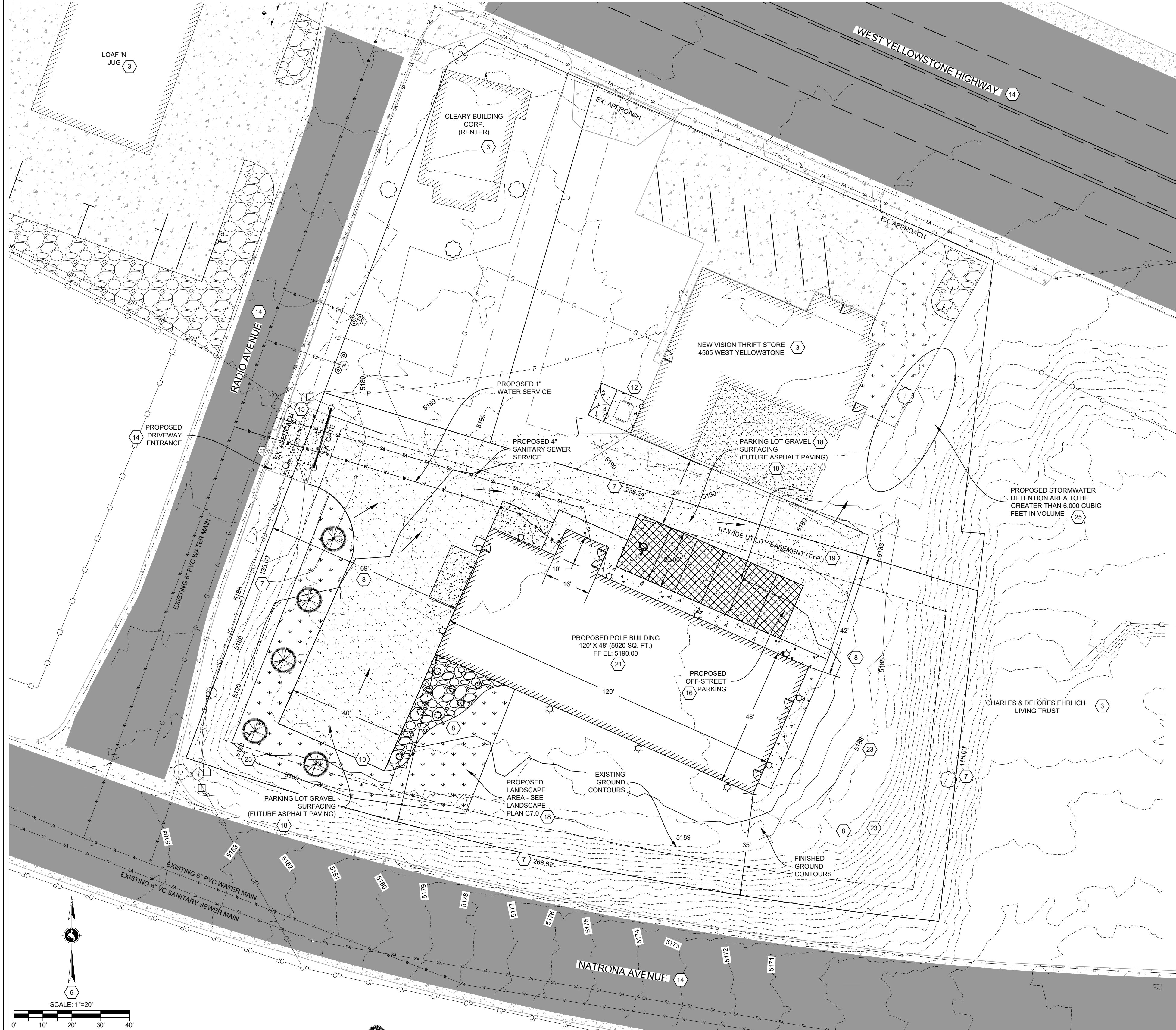
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|----------------------------|----------------------------|
| ○ PROPOSED TREE | ⊕ STORM SEWER MANHOLE |
| ○ TREE | ⊕ STREET LAMP |
| △ ECS CONTROL POINT | ⊕ TELEPHONE MANHOLE |
| □ ELECTRICAL VAULT | ⊕ TELEPHONE PEDESTAL |
| ⊕ FIBER OPTIC PEDESTAL | ⊕ BORE HOLE LOCATION |
| ⊕ FIRE HYDRANT | ⊕ WATER TEE |
| ⊕ PROFILE FIRE HYDRANT | ⊕ WATER CROSS |
| ⊕ FLARED END SECTION | ⊕ WATER VALVE |
| ⊕ GAS METER | ⊕ CURB STOP |
| ⊕ CATCH BASIN | ⊕ ELECTRICAL METER CABINET |
| ⊕ GUY WIRE ANCHOR | ⊕ SINGLE SIGN POST |
| ⊕ POWER POLE | ⊕ BOLLARD |
| ⊕ SANITARY SEWER MANHOLE | ⊕ RECOVERED BRASS CAP |
| ⊕ SANITARY SEWER CLEAN OUT | ⊕ RECOVERED ALUMINUM CAP |
| ➔ DRAINAGE DIRECTION ARROW | ⊕ RECOVERED REBAR |
| | ⊕ RECOVERED ALUMINUM CAP |

LEGEND

- | | | | |
|--------------------------|--------------------------|---------------|-----------------------------|
| ——— | RIGHT OF WAY | — T — T — T — | TELEPHONE LINE |
| ——— | PROPERTY LINES | — P — P — P — | UNDERGROUND POWER |
| --- | EXISTING CENTERLINE | --- | EXISTING FIBEROPTIC LINE |
| --- | PROPOSED CENTERLINE | --- | PROPOSED MAJOR CONTOUR |
| --- | EDGE EXISTING ASPHALT | --- | EXISTING MAJOR CONTOURS |
| ○ ○ ○ ○ ○ | EXISTING WOOD FENCE | --- | EXISTING MINOR CONTOURS |
| □ □ □ □ □ | PROPOSED CHAINLINK FENCE | --- | EXISTING CONCRETE SURFACING |
| G — G — G — G — G | EXISTING GAS LINE | --- | PROPOSED CONCRETE SURFACING |
| G — G — G — G — G | PROPOSED CRUDE MAIN | --- | EXISTING ASPHALT SURFACING |
| — W — W — W — W — W | EXISTING WATER MAIN | --- | PROPOSED ASPHALT SURFACING |
| — W — W — W — W — W | PROPOSED WATER MAIN | --- | PROPOSED LANDSCAPING |
| — SA — SA — SA — SA — SA | EXISTING SANITARY MAIN | --- | EXISTING GRAVEL |
| — SA — SA — SA — SA — SA | PROPOSED SANITARY MAIN | | |
| — SW — SW — SW — SW — SW | EXISTING STORM MAIN | | |
| — SW — SW — SW — SW — SW | PROPOSED STORM MAIN | | |
| — OP — OP — OP — OP — OP | OVERHEAD POWER LINE | | |

SITE PLAN CHECKLIST

1. SITE ADDRESSES:
LEGAL DESCRIPTION: LOT 3 OF VISION BEYOND BORDERS ADDITION
COMMON ADDRESS: UNKNOWN
2. TITLE BLOCK: AS SHOWN
3. NAMES OF ADJACENT PROPERTY OWNERS: AS SHOWN
4. SURROUNDING LAND USES & ZONING:
NORTH: YELLOWSTONE HIGHWAY
SOUTH: LARIAT MOBILE HOME COURT (MP)
EAST: LARIAT MOBILE HOME COURT (MP)
WEST: C-1 BUSINESS
5. CURRENT & PROPOSED ZONING OF THE SITE: C-1 (GENERAL COMMERCIAL)
6. NORTH ARROW & SCALE: AS SHOWN
7. LAND AREA DIMENSIONS: AS SHOWN
8. BUILDING HEIGHT & SETBACKS:
BUILDING HEIGHT: 18' - 1"
FRONT SETBACK: 69.0'
SIDE (NORTH) SETBACK: 46.6'
SIDE (SOUTH) SETBACK: 57.8'
REAR SETBACK: 73.0'
9. LOCATION & DIMENSION OF PROPOSED OFF-STREET LOADING DOCKS: N/A
10. LOCATION OF TRASH RECEPTACLE: AS SHOWN
11. ADVERTISING SIGNS & FENCES: N/A
12. SCREENING & SCREENING DEVICES: AS SHOWN
13. EXISTING & PROPOSED LIGHTING: SEE LIGHTING PLAN - SHEET C8.0
14. ADJACENT STREETS, ROADWAYS, DRIVEWAYS & RIGHTS-OF-WAY: AS SHOWN
15. EXISTING & PROPOSED SIDEWALKS & CURB CUTS: AS SHOWN
16. LOCATION & DIMENSIONS OF OFF-STREET PARKING: AS SHOWN
17. WHEEL STOPS, BUMPER GUARDS, AND CURBS: N/A
18. TYPES OF SURFACING: AS SHOWN
19. EXISTING & PROPOSED EASEMENTS: AS SHOWN
20. VICINITY MAP: AS SHOWN
21. GENERAL NOTES:
A. TOTAL LAND AREA: 32,497 SQFT (0.75 ACRES)
B. TOTAL BUILDING AREA: 5,920 SQFT
C. TOTAL BUILDING ADDITION: N/A
D. PERCENT OF LAND COVERED BY BUILDINGS: 18.2%
E. BUILDING HEIGHT: 18' - 1"
F. NUMBER OF STORIES: 1 STORY
G. TOTAL NUMBER OF PARKING SPACES: 6 SPACES
H. AREA OF PARKING SPACES: 1,240 SQFT
I. PERCENT OF LAND COVERED BY PARKING: 3.8%
J. TOTAL LANDSCAPED AREA: 3,369 SQ. FT.
K. PERCENT OF LAND COVERED BY LANDSCAPING: 10.3%
22. NUMBERING CORRESPONDING TO THIS CHECKLIST: AS SHOWN
23. EXISTING & PROPOSED CONTOURS: AS SHOWN
24. BUILDING ELEVATIONS: SEE ATTACHED BUILDING PLANS
25. SURFACE DRAINAGE PLAN: SEE DRAINAGE PLAN - SHEET C5.0
26. PAVEMENT DESIGN REPORT: N/A
27. TRAFFIC STUDY: N/A



FOR: VISION BEYOND BORDERS
200 N. W. 355
CASPER, WY 82402
307.333.6545

BY: EBS ENGINEERS
1600 CY AVENUE, SUITE 104
CASPER, WY 82404
307.337.2883

Date Drawn: 1.17.2025
Scale: SEE DRAWING
File Name: 240024_Design.dwg
Project No.: 240024

**PRELIMINARY SITE PLAN
VISION BEYOND BORDERS
MILLS, WY**

REV	DATE	REVISIONS

C1.0

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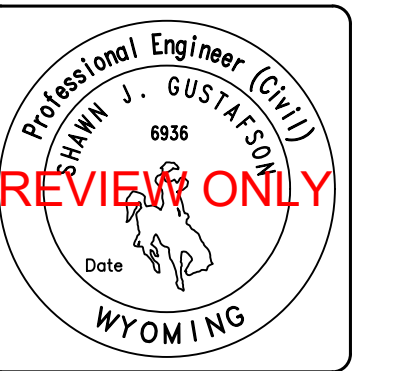
EXISTING CONDITIONS FOR VISION BEYOND BORDERS IN THE CITY OF MILLS NATRONA COUNTY, WYOMING

SYMBOLS

- | | |
|----------------------------|----------------------------|
| ○ PROPOSED TREE | ⊙ STORM SEWER MANHOLE |
| ○ TREE | ⊙ STREET LAMP |
| △ ECS CONTROL POINT | ⊙ TELEPHONE MANHOLE |
| □ ELECTRICAL VAULT | ⊙ TELEPHONE PEDESTAL |
| □ FIBER OPTIC PEDESTAL | ⊙ BORE HOLE LOCATION |
| ⊙ FIRE HYDRANT | ⊙ WATER TEE |
| ⊙ PROFILE FIRE HYDRANT | ⊙ WATER CROSS |
| ⊙ FLARED END SECTION | ⊙ WATER VALVE |
| ⊙ GAS METER | ⊙ CURB STOP |
| ⊙ CATCH BASIN | ⊙ ELECTRICAL METER CABINET |
| ⊙ GUY WIRE ANCHOR | ⊙ SINGLE SIGN POST |
| ⊙ POWER POLE | ⊙ BOLLARD |
| ⊙ SANITARY SEWER MANHOLE | ⊙ RECOVERED BRASS CAP |
| ⊙ SANITARY SEWER CLEAN OUT | ⊙ RECOVERED ALUMINUM CAP |
| → DRAINAGE DIRECTION ARROW | ⊙ RECOVERED REBAR |
| | ⊙ RECOVERED ALUMINUM CAP |

LEGEND

- | | |
|---------------|-----------------------------|
| — T — T — T — | TELEPHONE LINE |
| — P — P — P — | UNDERGROUND POWER |
| — F — F — F — | EXISTING FIBEROPTIC LINE |
| — C — C — C — | PROPOSED MAJOR CONTOUR |
| — M — M — M — | EXISTING MAJOR CONTOURS |
| — S — S — S — | EXISTING MINOR CONTOURS |
| — D — D — D — | EXISTING CONCRETE SURFACING |
| — G — G — G — | PROPOSED CONCRETE SURFACING |
| — A — A — A — | EXISTING ASPHALT SURFACING |
| — B — B — B — | PROPOSED ASPHALT SURFACING |
| — L — L — L — | PROPOSED LANDSCAPING |
| — G — G — G — | EXISTING GRAVEL |
-
- | | |
|---|--------------------------|
| — | RIGHT OF WAY |
| — | PROPERTY LINES |
| — | EXISTING CENTERLINE |
| — | PROPOSED CENTERLINE |
| — | EDGE EXISTING ASPHALT |
| — | EXISTING WOOD FENCE |
| — | PROPOSED CHAINLINK FENCE |
| — | EXISTING GAS LINE |
| — | PROPOSED CRUDE MAIN |
| — | EXISTING WATER MAIN |
| — | PROPOSED WATER MAIN |
| — | EXISTING SANITARY MAIN |
| — | PROPOSED SANITARY MAIN |
| — | EXISTING STORM MAIN |
| — | PROPOSED STORM MAIN |
| — | OVERHEAD POWER LINE |



FOR: VISION BEYOND BORDERS
100 W. 10th St.
CASPER, WY 82402
307.337.2883

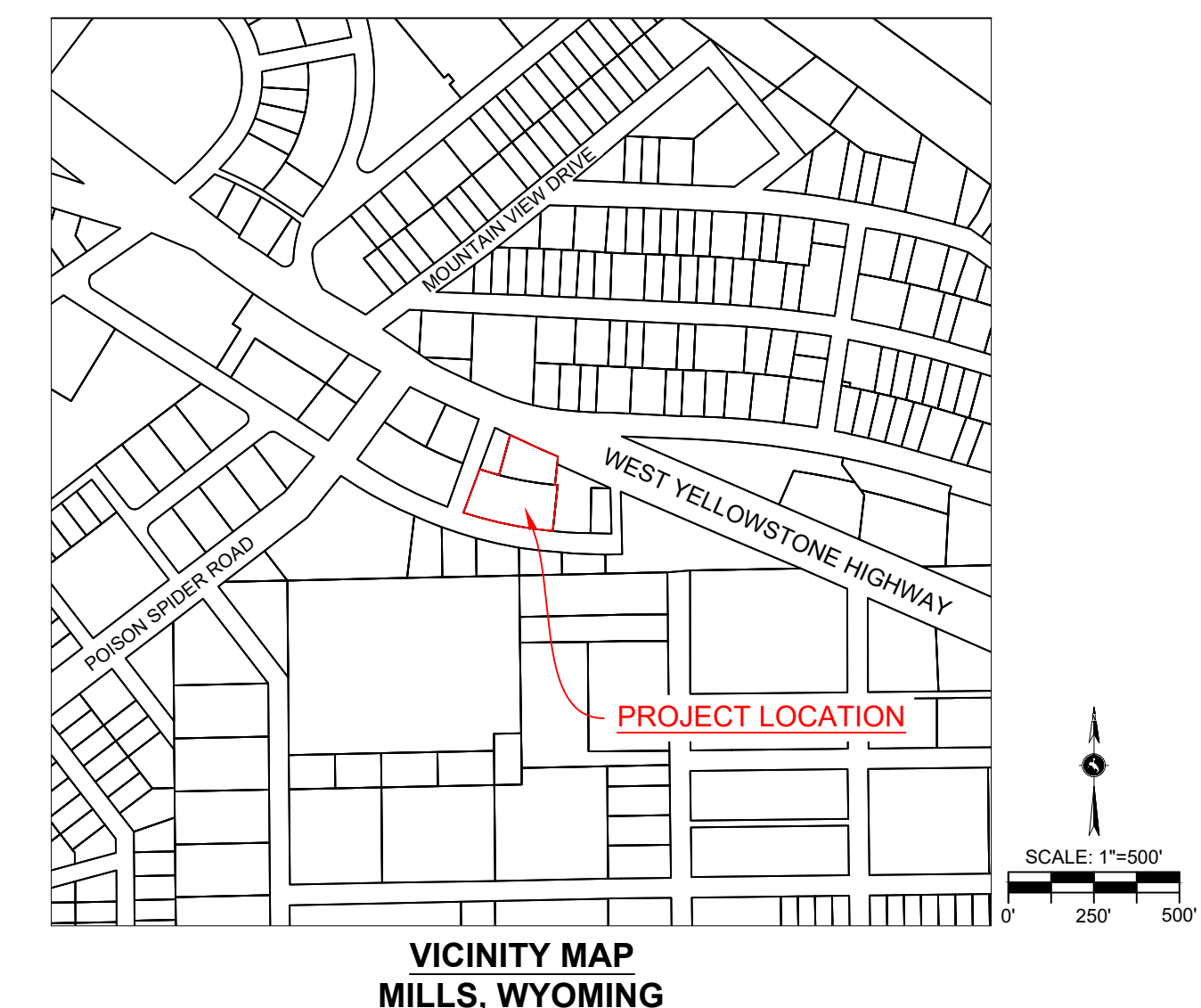
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EXISTING CONDITIONS VISION BEYOND BORDERS MILLS, WY

REV	DATE	DESCRIPTION	BY

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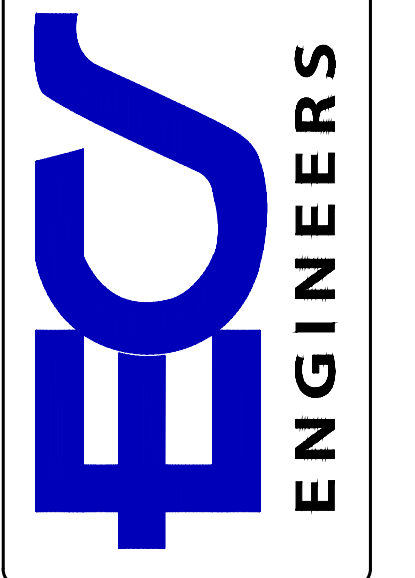
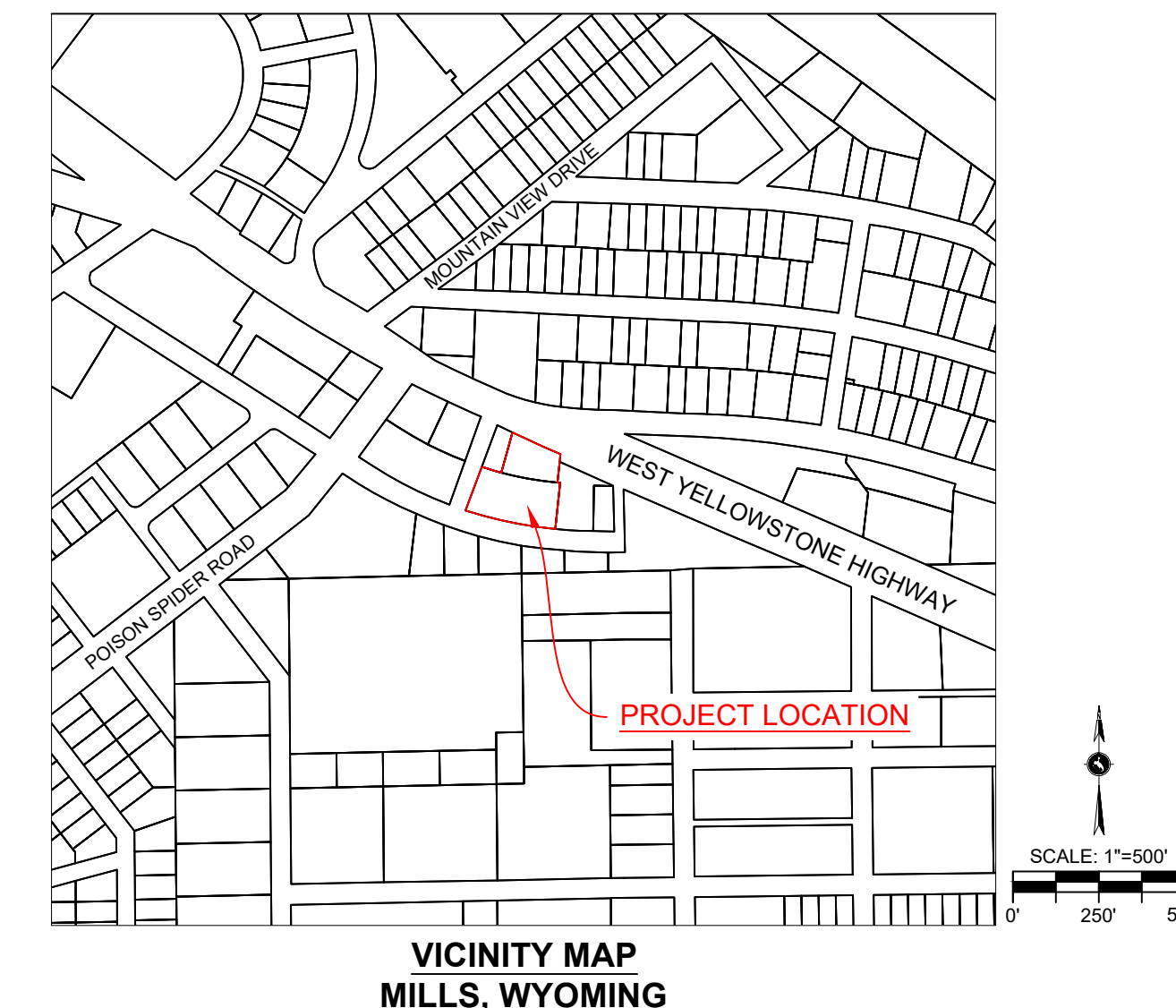
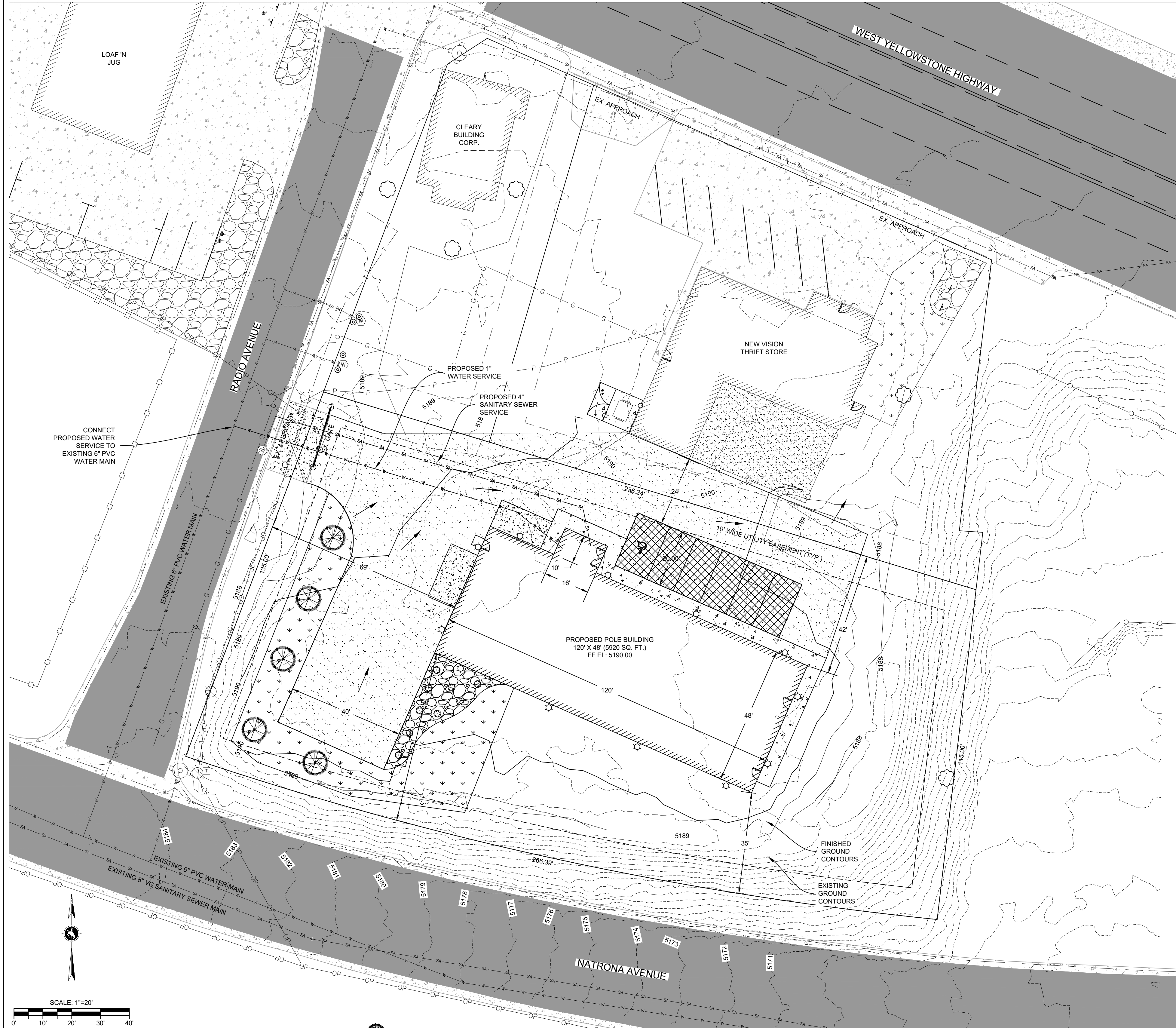
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PRELIMINARY UTILITY PLAN FOR VISION BEYOND BORDERS IN THE CITY OF MILLS NATRONA COUNTY, WYOMING

SYMBOLS	
	PROPOSED TREE
	TREE
	ECS CONTROL POINT
	ELECTRICAL VAULT
	FIBER OPTIC PEDESTAL
	FIRE HYDRANT
	PROFILE FIRE HYDRANT
	FLARED END SECTION
	GAS METER
	CATCH BASIN
	GUY WIRE ANCHOR
	POWER POLE
	SANITARY SEWER MANHOLE
	SANITARY SEWER CLEAN OUT
	DRAINAGE DIRECTION ARROW
	STORM SEWER MANHOLE
	STREET LAMP
	TELEPHONE MANHOLE
	TELEPHONE PEDESTAL
	BORE HOLE LOCATION
	WATER TEE
	WATER CROSS
	WATER VALVE
	CURB STOP
	ELECTRICAL METER CABINET
	SINGLE SIGN POST
	BOLLARD
	RECOVERED BRASS CAP
	RECOVERED ALUMINUM CAP
	RECOVERED REBAR
	RECOVERED ALUMINUM CAP

LEGEND

	RIGHT OF WAY		TELEPHONE LINE
	PROPERTY LINES		UNDERGROUND POWER
	EXISTING CENTERLINE		EXISTING FIBEROPTIC LINE
	PROPOSED CENTERLINE		PROPOSED MAJOR CONTOUR
	EDGE EXISTING ASPHALT		EXISTING MAJOR CONTOURS
	EXISTING WOOD FENCE		EXISTING MINOR CONTOURS
	PROPOSED CHAINLINK FENCE		EXISTING CONCRETE SURFACING
	EXISTING GAS LINE		PROPOSED CONCRETE SURFACING
	PROPOSED CRUDE MAIN		EXISTING ASPHALT SURFACING
	EXISTING WATER MAIN		PROPOSED ASPHALT SURFACING
	PROPOSED WATER MAIN		PROPOSED LANDSCAPING
	EXISTING SANITARY MAIN		EXISTING GRAVEL
	PROPOSED SANITARY MAIN		
	EXISTING STORM MAIN		
	PROPOSED STORM MAIN		
	OVERHEAD POWER LINE		



FOR: VISION BEYOND BORDERS
200 N. 15th St.
Casper, WY 82602
307.333.6545

BY: ECS ENGINEERS
1607 CY AVENUE, SUITE 104
CASPER, WY 82604
307.337.2883

Date: 1.17.2025
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**PRELIMINARY UTILITY PLAN
VISION BEYOND BORDERS
MILLS, WY**

REV	DATE	REVISIONS	BY

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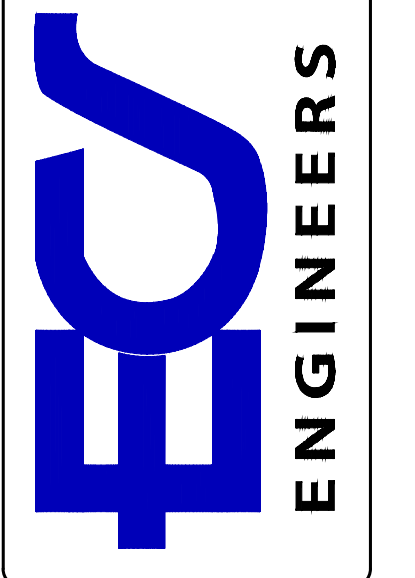
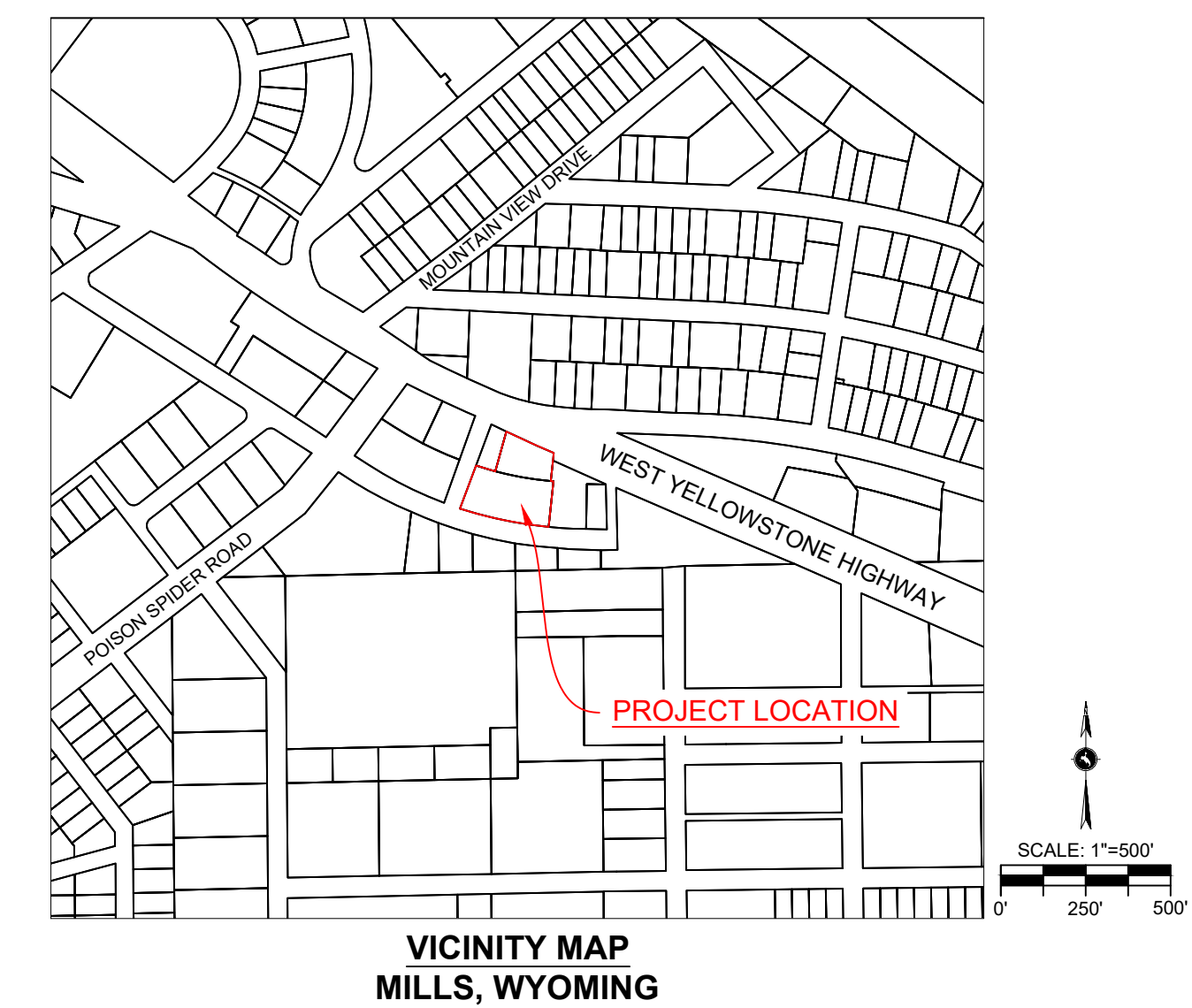
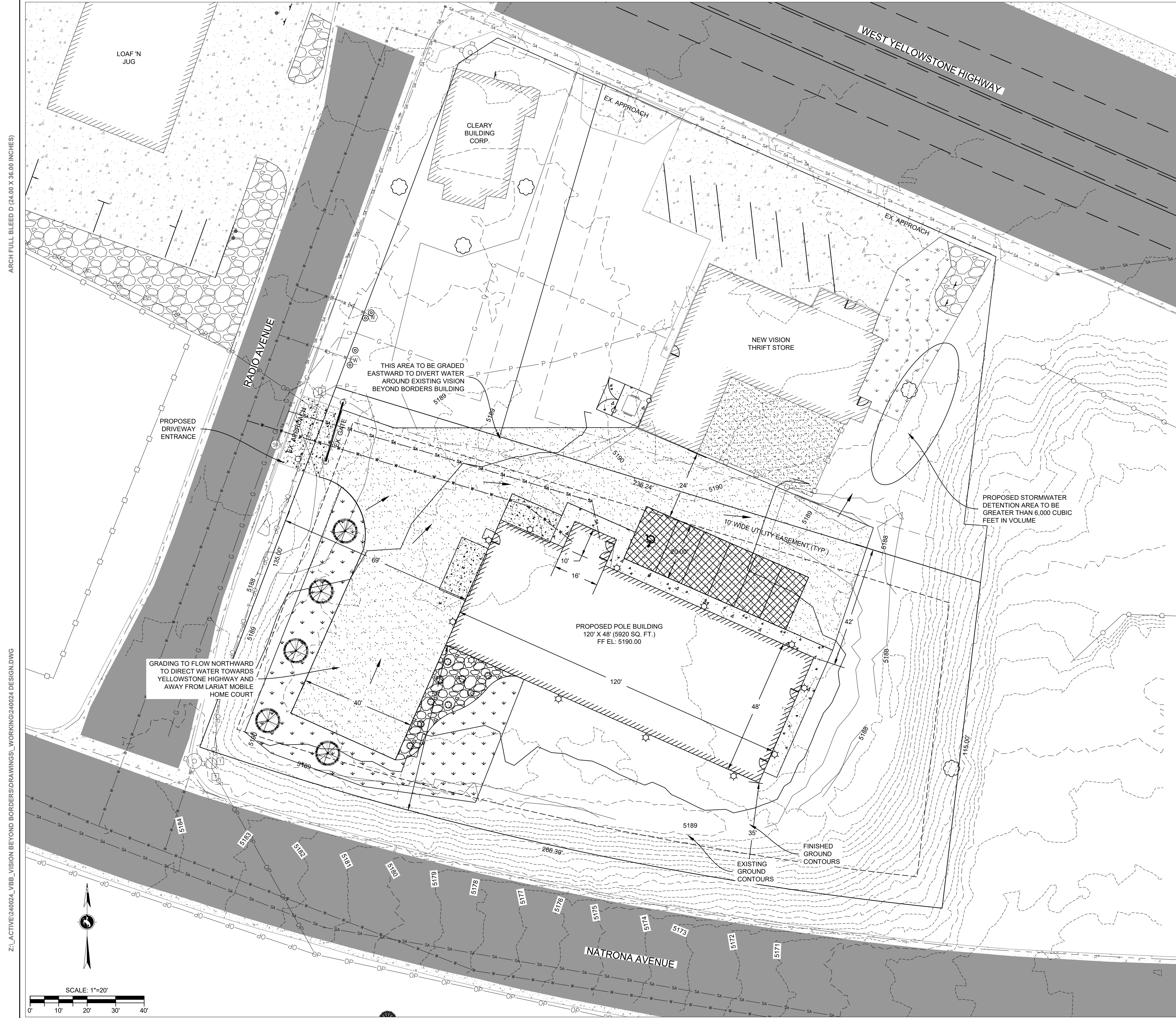
PRELIMINARY GRADING PLAN FOR
VISION BEYOND BORDERS
 IN THE CITY OF MILLS
 NATRONA COUNTY, WYOMING

SYMBOLS

- | | |
|----------------------------|----------------------------|
| ○ PROPOSED TREE | ⊙ STORM SEWER MANHOLE |
| ○ TREE | ⊙ STREET LAMP |
| △ ECS CONTROL POINT | ⊙ TELEPHONE MANHOLE |
| □ ELECTRICAL VAULT | ⊙ TELEPHONE PEDESTAL |
| □ FIBER OPTIC PEDESTAL | ⊙ BORE HOLE LOCATION |
| ⊙ FIRE HYDRANT | ⊙ WATER TEE |
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| | ⊙ RECOVERED ALUMINUM CAP |

LEGEND

- | | |
|---------------|-----------------------------|
| — T — T — T — | TELEPHONE LINE |
| — P — P — P — | UNDERGROUND POWER |
| — — — — — | EXISTING FIBEROPTIC LINE |
| — — — — — | PROPOSED MAJOR CONTOUR |
| — — — — — | EXISTING MAJOR CONTOURS |
| — — — — — | EXISTING MINOR CONTOURS |
| — — — — — | EXISTING CONCRETE SURFACING |
| — — — — — | PROPOSED CONCRETE SURFACING |
| — — — — — | EXISTING ASPHALT SURFACING |
| — — — — — | PROPOSED ASPHALT SURFACING |
| — — — — — | PROPOSED LANDSCAPING |
| — — — — — | EXISTING GRAVEL |
| — — — — — | RIGHT OF WAY |
| — — — — — | PROPERTY LINES |
| — — — — — | EXISTING CENTERLINE |
| — — — — — | PROPOSED CENTERLINE |
| — — — — — | EDGE EXISTING ASPHALT |
| — — — — — | EXISTING WOOD FENCE |
| — — — — — | PROPOSED CHAINLINK FENCE |
| — — — — — | EXISTING GAS LINE |
| — — — — — | PROPOSED CRUDE MAIN |
| — — — — — | EXISTING WATER MAIN |
| — — — — — | PROPOSED WATER MAIN |
| — — — — — | EXISTING SANITARY MAIN |
| — — — — — | PROPOSED SANITARY MAIN |
| — — — — — | EXISTING STORM MAIN |
| — — — — — | PROPOSED STORM MAIN |
| — — — — — | OVERHEAD POWER LINE |



FOR: VISION BEYOND BORDERS
 200 N. 15th St.
 CASPER, WY 82402
 307.333.6545

BY: EBS ENGINEERS
 1607 CY AVENUE, SUITE 104
 CASPER, WY 82404
 307.337.2883

Date: Drawn: 1.17.2025
 Scale: SEE DRAWING
 Project No.: 240024
 File Name: 240024_Design.dwg
 PAGE: 4/9

PRELIMINARY GRADING PLAN
VISION BEYOND BORDERS
 MILLS, WY

REV	DATE	REVISIONS	BY	CHK

C4.0

ARCH FULL BLEED D (24.00 X 36.00 INCHES)

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ARCH FULL BLEED D (24.00 X 36.00 INCHES)

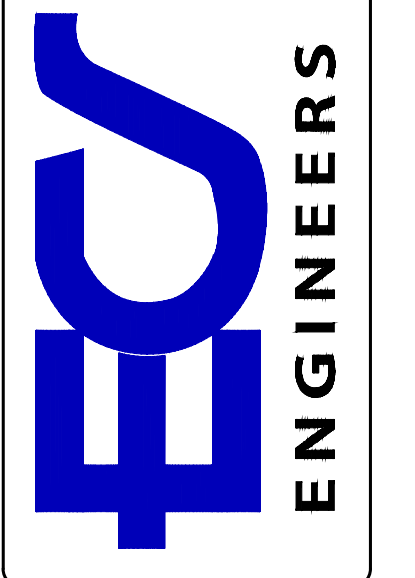
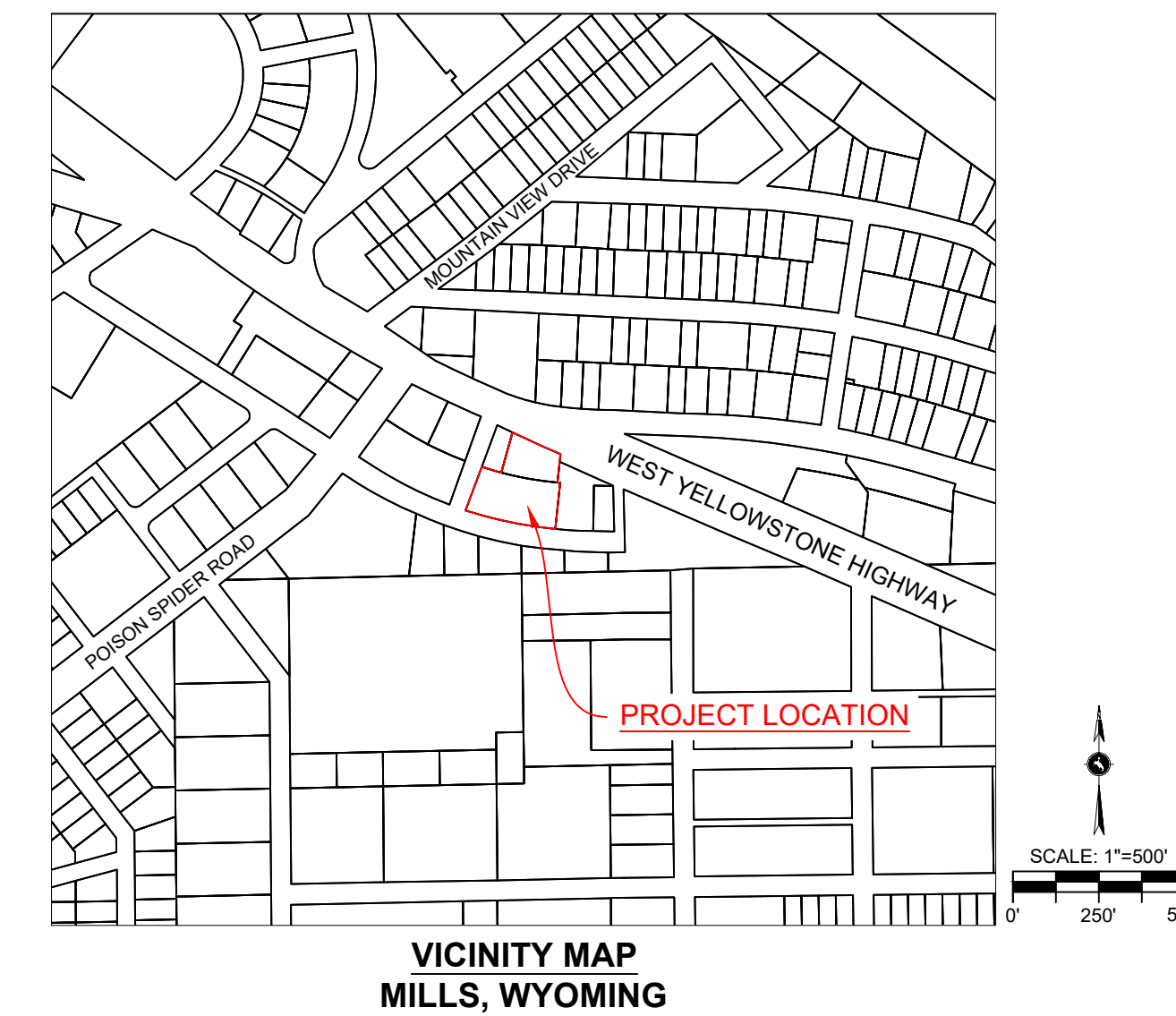
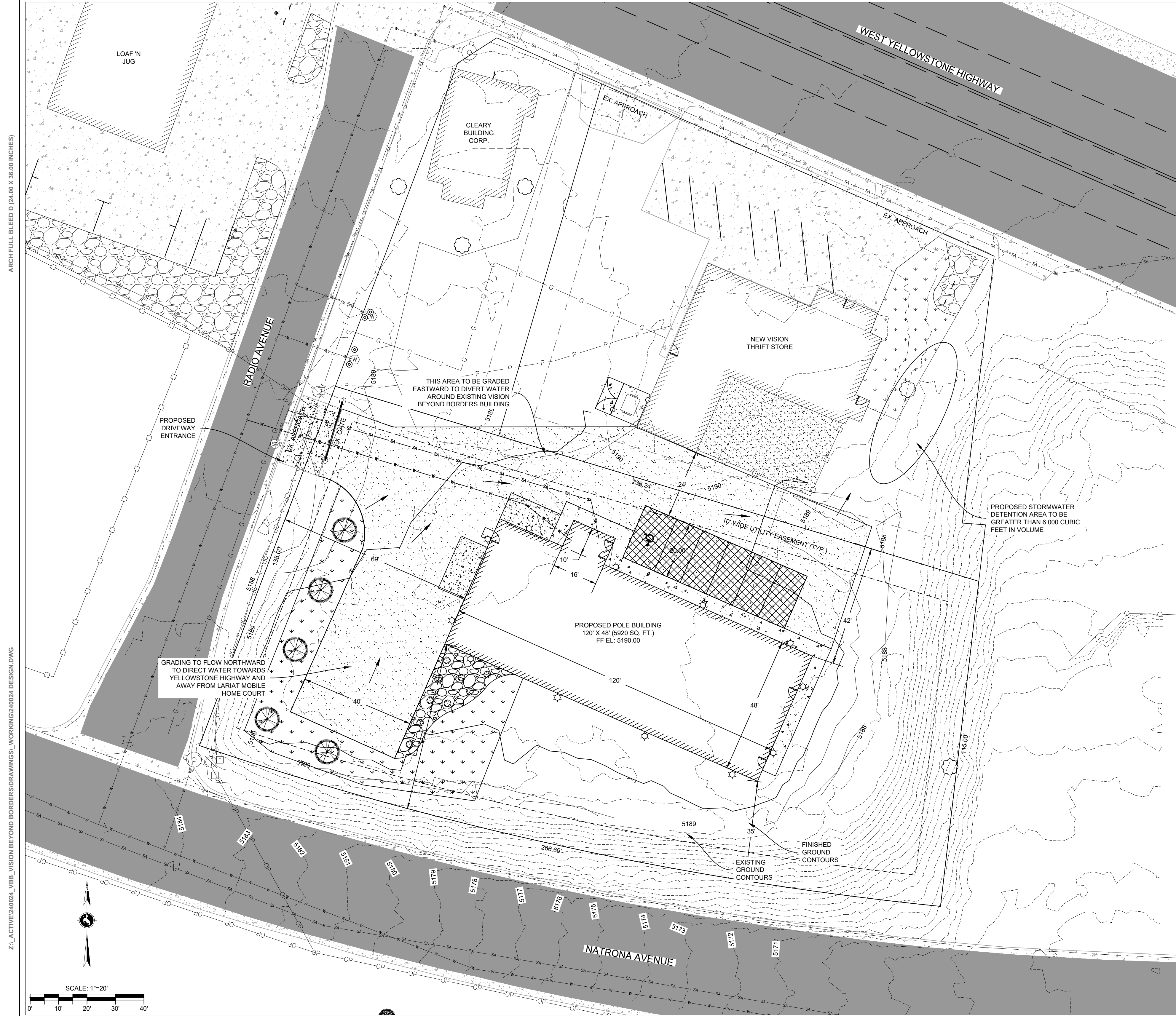
PRELIMINARY DRAINAGE PLAN FOR
VISION BEYOND BORDERS
 IN THE CITY OF MILLS
 NATRONA COUNTY, WYOMING

SYMBOLS

- | | |
|----------------------------|----------------------------|
| ○ PROPOSED TREE | ⊕ STORM SEWER MANHOLE |
| ○ TREE | ⊕ STREET LAMP |
| △ ECS CONTROL POINT | ⊕ TELEPHONE MANHOLE |
| □ ELECTRICAL VAULT | ⊕ TELEPHONE PEDESTAL |
| □ FIBER OPTIC PEDESTAL | ⊕ BORE HOLE LOCATION |
| ⊕ FIRE HYDRANT | ⊕ WATER TEE |
| ⊕ PROFILE FIRE HYDRANT | ⊕ WATER CROSS |
| ⊕ FLARED END SECTION | ⊕ WATER VALVE |
| ⊕ GAS METER | ⊕ CURB STOP |
| ⊕ CATCH BASIN | ⊕ ELECTRICAL METER CABINET |
| ⊕ GUY WIRE ANCHOR | ⊕ SINGLE SIGN POST |
| ⊕ POWER POLE | ⊕ BOLLARD |
| ⊕ SANITARY SEWER MANHOLE | ⊕ RECOVERED BRASS CAP |
| ⊕ SANITARY SEWER CLEAN OUT | ⊕ RECOVERED ALUMINUM CAP |
| → DRAINAGE DIRECTION ARROW | ⊕ RECOVERED REBAR |
| | ⊕ RECOVERED ALUMINUM CAP |

LEGEND

- | | |
|---------------|-----------------------------|
| — T — T — T — | TELEPHONE LINE |
| — P — P — P — | UNDERGROUND POWER |
| — F — F — F — | EXISTING FIBEROPTIC LINE |
| — | PROPOSED MAJOR CONTOUR |
| — | EXISTING MAJOR CONTOURS |
| — | EXISTING MINOR CONTOURS |
| — | EXISTING CONCRETE SURFACING |
| — | PROPOSED CONCRETE SURFACING |
| — | EXISTING ASPHALT SURFACING |
| — | PROPOSED ASPHALT SURFACING |
| — | PROPOSED LANDSCAPING |
| — | EXISTING GRAVEL |
-
- | | |
|---|--------------------------|
| — | RIGHT OF WAY |
| — | PROPERTY LINES |
| — | EXISTING CENTERLINE |
| — | PROPOSED CENTERLINE |
| — | EDGE EXISTING ASPHALT |
| — | EXISTING WOOD FENCE |
| — | PROPOSED CHAINLINK FENCE |
| — | EXISTING GAS LINE |
| — | PROPOSED CRUDE MAIN |
| — | EXISTING WATER MAIN |
| — | PROPOSED WATER MAIN |
| — | EXISTING SANITARY MAIN |
| — | PROPOSED SANITARY MAIN |
| — | EXISTING STORM MAIN |
| — | PROPOSED STORM MAIN |
| — | OVERHEAD POWER LINE |



FOR: VISION BEYOND BORDERS
 200 N. 15th St.
 CASPER, WY 82402
 307.333.6545

BY: EBS ENGINEERS
 1607 CY AVENUE, SUITE 104
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 Project No.: 240024
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**PRELIMINARY DRAINAGE PLAN
 VISION BEYOND BORDERS
 MILLS, WY**

REV	DATE	REVISIONS	BY

C5.0

ARCH FULL BLEED D (24.00 X 36.00 INCHES)

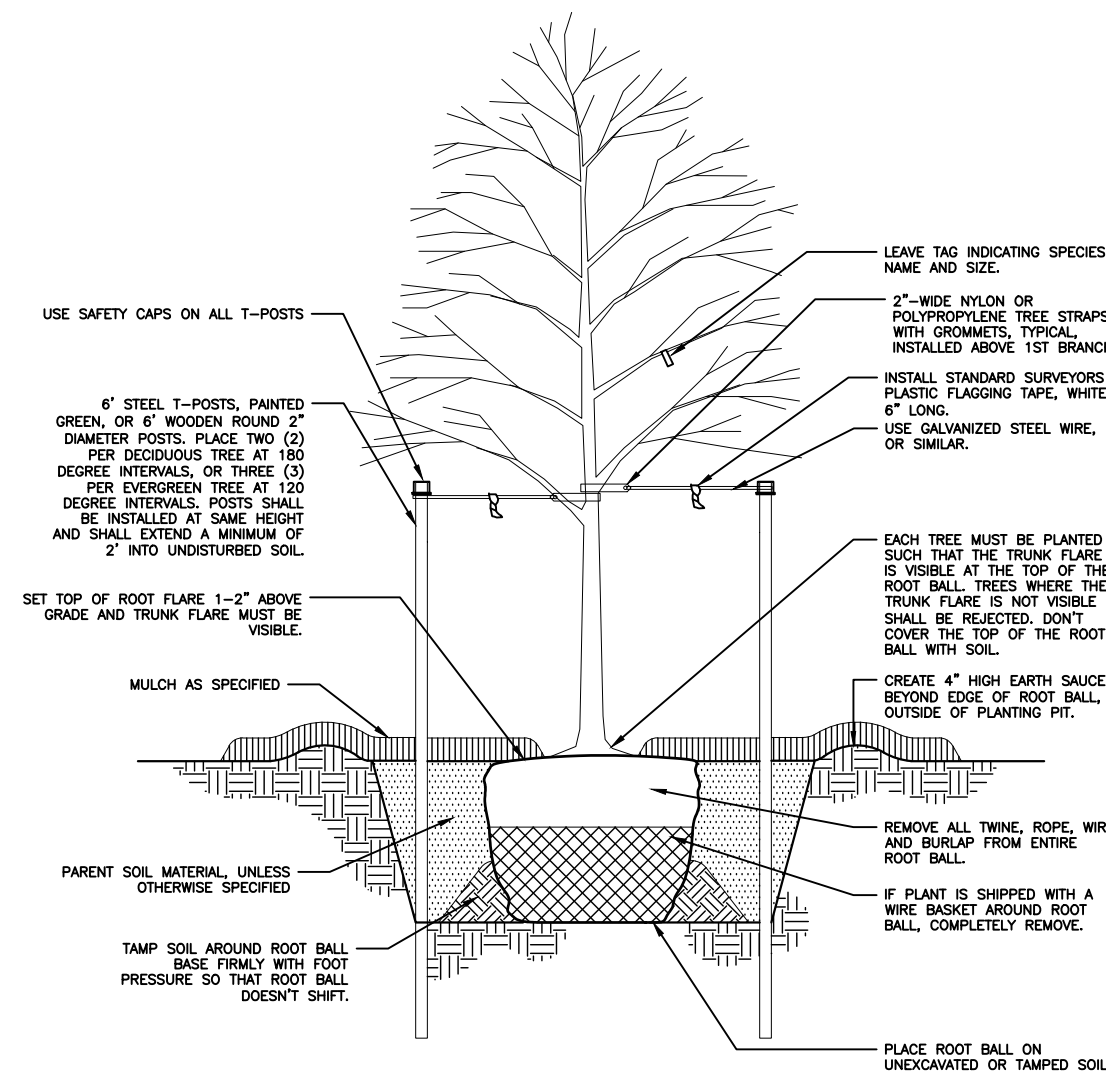
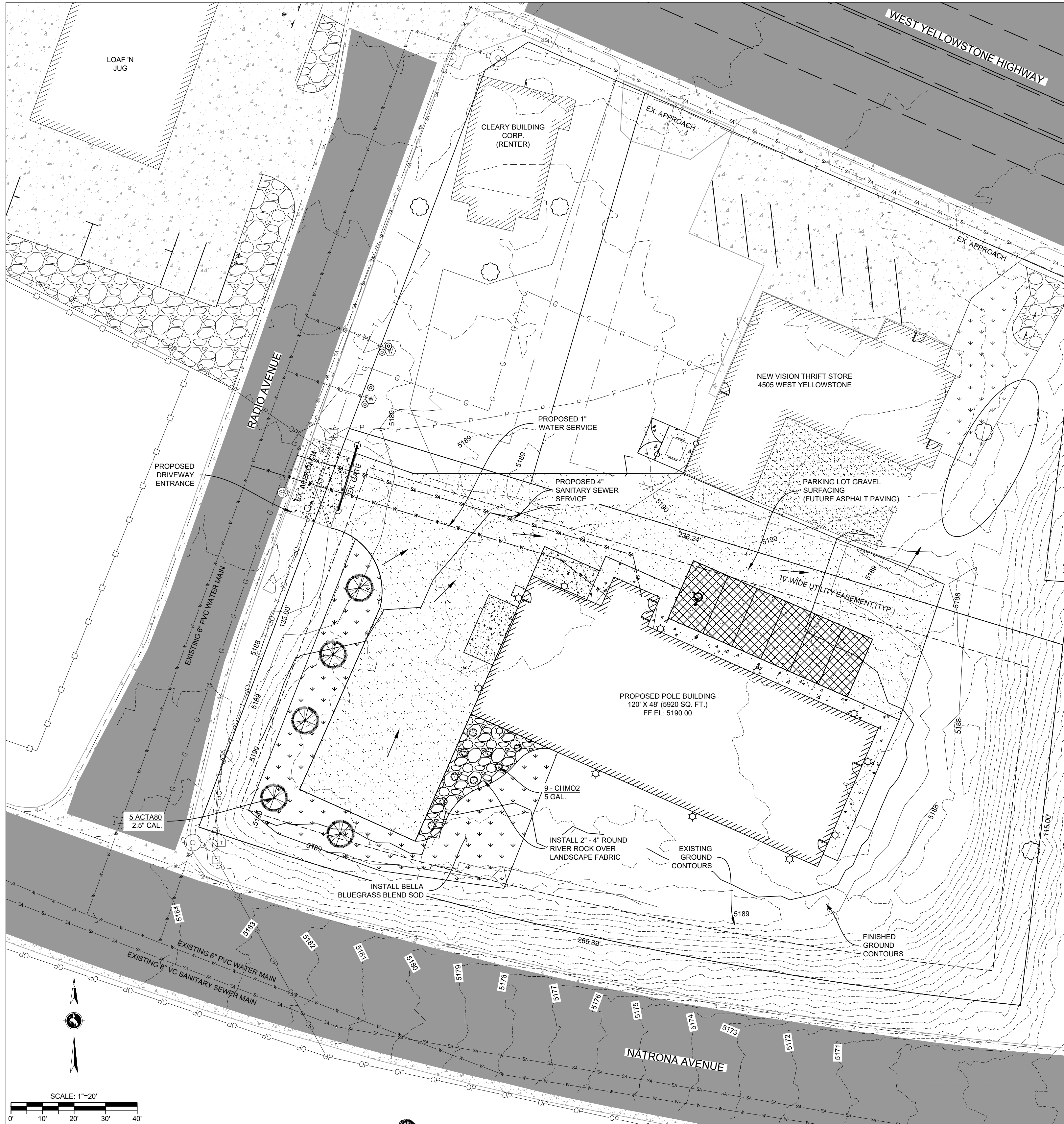
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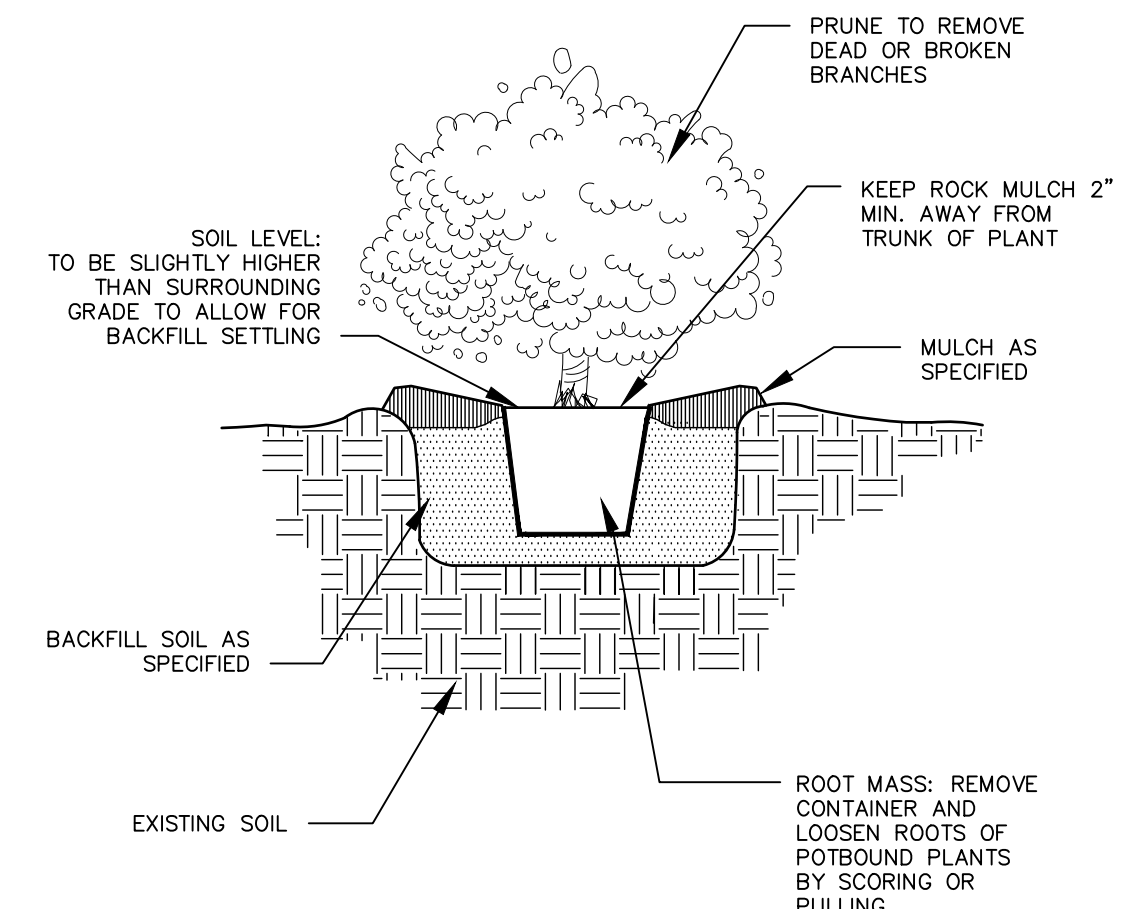
LANDSCAPE PLAN FOR VISION BEYOND BORDERS IN THE CITY OF MILLS NATRONA COUNTY, WYOMING

PLANT SCHEDULE					
TREES	CODE	BOTANICAL / COMMON NAME	SIZE	ROOT	QTY.
	ACTA80	ACER GINNALA AMUR MAPLE	2.5" CAL.	B&B	5
SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE	ROOT	QTY.
	CHMO2	CHRYSOTHAMNUS MOLESTUS RABBITBRUSH	5 GAL.	POT	9

REFERENCE NOTES SCHEDULE		
SYMBOL	DESCRIPTION	QTY
	BELLA BLUEGRASS BLEND SOD	2,835 SF
	2-4" ROUND RIVER ROCK OVER LANDSCAPE FABRIC	535 SF



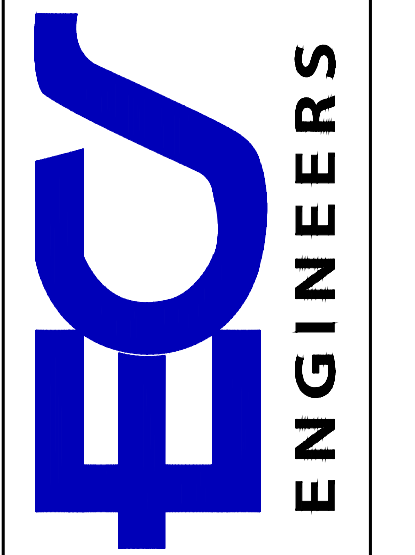
TYPICAL TREE PLANTING
N.T.S.



TYPICAL SHRUB PLANTING
N.T.S.

LANDSCAPING NOTES

- CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO INSTALLATION, EXCAVATION, OR PLANTING OPERATIONS. ANY DAMAGE TO EXISTING UTILITIES ON SITE OR ADJACENT PROPERTY SHALL BE CONTRACTORS RESPONSIBILITIES.
- ALL PLANT MATERIAL SHALL CONFORM TO THE CURRENT AMERICAN ASSOCIATION OF NURSERYMAN'S NATIONAL STANDARD SPECIFICATIONS.
- ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE PREPARED AND SEEDED OR SODDED AS SPECIFIED. A DISTURBED AREA SHALL BE WHERE CONSTRUCTION ACTIVITIES INCLUDING TRENCHING, DEMOLITION, EARTHWORK, MATERIAL STORAGE, STAGING, AND PARKING OR ANY OTHER FORM OF EXCAVATION, COMPACTION, OR TRAFFIC THAT RESULTS IN THE REMOVAL OR DISPLACEMENT OF EXISTING GROUND COVER OR GRADE. IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW ALL OTHER CONTRACT DOCUMENTS TO DETERMINE FULL SCOPE OF POTENTIAL SITE DISTURBANCE TO BE RECLAIMED.
- THE INSTALLATION OF LAWNS, PLANT MATERIAL AND IRRIGATION SYSTEM SHALL BE PERFORMED BY ONE CONTRACTOR.
- CONTRACTOR SHALL FURNISH REQUIRED PLANT MATERIALS, INCLUDING TREES, SHRUBS, GRASSES, AND PERENNIALS OF ALL DESCRIPTIONS, FOR THE PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- IN THE EVENT OF A DISCREPANCY, NOTIFY THE ARCHITECT IMMEDIATELY.
- NO TREES SHALL BE PLANTED CLOSER THAN 10' TO A FIRE HYDRANT. ADJUST LAYOUT IF NECESSARY.
- NO TREE OR SHRUB SHALL BE PLANTED OVER OR WITHIN 10' LATERALLY FROM ANY SEWER OR WATER LINES OR 4' LATERALLY FROM GAS LINES. ADJUST LAYOUT IF NECESSARY.
- NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT PRIOR WRITTEN CONSENT FROM CITY'S DEVELOPMENT OFFICE. CONTRACTOR TO LEAVE SPECIES LABEL ON PLANT FOR CITY STAFF INSPECTORS.
- CONTRACTOR SHALL PROVIDE PLANTS FREE FROM INSECTS AND DISEASES, SUN-SCALD INJURIES, ABRASIONS OF THE BARK, OR OTHER OBJECTIONABLE BLEMISHES. WEAK AND/OR DISFIGURED PLANTS WILL NOT BE ACCEPTED.
- CONTRACTOR SHALL PROVIDE FIELD GROWN NURSERY TREES, DUG WITH A BALL OF EARTH STILL INTACT IN WHICH THEY ARE GROWING, WRAPPED IN BURLAP OR OTHER SUITABLE MATERIAL TO COMPLETELY COVER THE ROOT BALL WITH A LACING OR OTHER BALL SUPPORTING DEVICE ON THE OUTSIDE TO HOLD THE BALL IN A FIRM, RIGID CONDITION.
- CONTAINER GROWN PLANTS SHALL BE HEALTHY, VIGOROUS, AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE GROWN. THEY SHALL HAVE TOPS OF GOOD QUALITY AND BE IN A HEALTHY GROWING CONDITION. THE PLANTS SHALL HAVE A WELL-ESTABLISHED ROOT SYSTEM REACHING THE SIDES OF THE CONTAINER TO MAINTAIN A FIRM ROOT BALL.
- ALL 1.5-2" CALIPER DECIDUOUS TREES SHALL HAVE A SINGLE LEADER, 12-14' HEIGHT, BRANCHING AT 6-7' HEIGHT WITH A UNIFORM CANOPY BRANCHING, BRANCH ANGLES SHALL BE NO LESS THAN 30°.
- ALL 6-8" TALL EVERGREEN TREES SHALL HAVE A HEIGHT TO SPREAD RATIO OF 5:3, WITH A SINGLE LEADER.
- CONTRACTOR SHALL PROVIDE PLANT MATERIAL IN CONFORMANCE WITH STATE AND FEDERAL LAWS WITH RESPECT TO INSPECTION FOR PLANT DISEASE AND INFECTIONS.
- CONTRACTOR SHALL PROVIDE INSPECTION CERTIFICATES REQUIRED BY LAW WITH EACH SHIPMENT, INVOICE, OR ORDER OF STOCK TO THE OWNER.
- PLANT MATERIALS FOR THIS PROJECT ARE SUBJECT TO INSPECTION BEFORE, DURING, AND POST PLANTING. DAMAGED PLANT MATERIAL, CONTAINERS, OR LOOSE, TORN, AND BROKEN ROOT BALLS WILL NOT BE APPROVED BY THE OWNER AND WILL BE REPLACED AT THE CONTRACTORS EXPENSE AND MUST BE REMOVED FROM THE STORAGE AREA OR PROJECT.
- MAINTENANCE SERVICES TO BE PERFORMED BY THE CONTRACTOR. THE CONTRACTOR WILL BE EXPECTED TO FURNISH SERVICE AND MAINTENANCE OF ALL PLANTED AREAS THROUGH FINAL COMPLETION OF PROJECT OR AS REQUIRED PER THE REQUIREMENTS OF THE PROJECT WARRANTY PERIOD.
- ALL PLANT MATERIALS SHALL BE CERTIFIED BY THE STATE DEPARTMENT OF AGRICULTURE TO ASSURE THEM TO BE FREE OF DISEASE OR HAZARDOUS INSECTS.
- ALL FERTILIZER SHALL BE DELIVERED IN WATER PROOF BAGS SHOWING WEIGHT, CHEMICAL ANALYSIS, AND THE NAME OF THE MANUFACTURER.
- ALL PLANT MATERIAL SHALL BE DELIVERED TO THE SITE IN THEIR ORIGINAL CONTAINERS WITH ALL LABELS INTACT AND LEGIBLE.
- CONTRACTOR WILL BE RESPONSIBLE TO PROTECT AND MAINTAIN PLANT LIFE DURING THE STORAGE PERIOD PRIOR TO PLANTING.
- INSTALLATION OF PLANT LIFE WILL NOT BE PERMITTED WHEN THE AMBIENT TEMPERATURES MAY DROP BELOW 35°F OF RISE ABOVE 90°F.
- CONTRACTOR TO PROVIDE A ONE YEAR WARRANTY. WARRANTY TO INCLUDE COVERAGE FOR ONE ENTIRE GROWING SEASON FOR ALL DEAD OR UNHEALTHY PLANTINGS. ALL REPLACEMENT PLANTS SHALL BE REQUIRED TO BE OF THE SAME SIZE AND SPECIES AS SPECIFIED IN THE PLANT SCHEDULE, PLANTED IN THE FOLLOWING GROWING SEASON, WITH A NEW WARRANTY COMMENCING ON THE DATE OF PLACEMENT.
- SOIL MATERIALS:
 - ALL SOIL BACKFILL WILL BE FREE OF ROCKS LARGER THAN 1.5", STICKS, ROOTS, AND OTHER DEBRIS.
 - TOPSOIL TO BE STERILE, WEED FREE, PROCESSED, AND PASSED THROUGH A 3/4" SCREEN.
 - 4" OF TOPSOIL TO BE INSTALLED IN ALL NEW SITE LANDSCAPE AREAS, NATIVE GRASS PLANTINGS, AND PLANTING RINGS OR IN ANY AREAS DESIGNATED IN THE PLANS FOR CONSTRUCTION.
- SOIL AMENDMENT MATERIALS:
 - COMPOST SHALL BE 'GLACIER GOLD', 'SOIL PROP', OR AN APPROVED EQUAL.
 - FERTILIZER SHALL BE 100% ORGANIC, 'TRANSPANT ROOT STIMULATOR', 'BIOPLEX TRANSPARENT CONCENTRATE' OR APPROVED EQUAL.
- BOULDER ENCOUNTERED DURING EXCAVATION FOR THE PROJECT SITE SHALL BE HANDLED TO PREVENT SCARRING AND USED AS PART OF THE LANDSCAPING SCHEME. PLACE AS DIRECTED BY THE OWNER.
- WEED BARRIER FABRIC SHALL BE WOVEN POLYPROPYLENE FABRIC, 4.75 OZ. SQ./YD. OR HEAVIER WITH METAL LANDSCAPE PINS. DO NOT INSTALL WEED BARRIER UNDER PERENNIALS AND GRASSES.
- CONTRACTOR SHALL USE 1.5" DIA. ROUND POSTS WITH TAPERED END, 8.0' IN LENGTH OR DUCKBILL ANCHORS FOR TREE ANCHORING.
- CONTRACTOR SHALL USE 3 ANCHORS FOR DECIDUOUS TREES, 3 ANCHORS FOR CONIFEROUS TREES WITH WEBBING OR RUBBER TREE TIES MANUFACTURED SPECIFICALLY FOR USE ON TREES.
- CONTRACTOR WILL BE RESPONSIBLE TO REMOVE ALL ANCHORING AT THE END OF ONE CONTINUOUS GROWING SEASON.
- LANDSCAPE AREAS SHALL BE IRRIGATED PER CITY OF GILLETTE STANDARDS. CONTRACTOR SHALL COORDINATE PERMANENT UNDERGROUND IRRIGATION SYSTEM LAYOUT WITH PLANTINGS.
- CONTRACTOR TO MAINTAIN CURRENT SET OF IRRIGATION AS-BUILT DRAWINGS TO BE SUBMITTED UPON COMPLETION OF PROJECT TO ARCHITECT.
- AREAS THAT ARE TOO SMALL TO BE DRILL SEEDER SHALL BE BROADCAST, RAKED IN, AND ROLLED.
- CONTRACTOR TO PROVIDE FULL IRRIGATION AND EDGING SUBMITTAL WITH SHOP DRAWINGS OF LANDSCAPING AND IRRIGATION LAYOUT TO ARCHITECT.
- STREET LIGHTING SHALL BE ORNAMENTAL STREET LIGHTING, NO GLOBE LIGHTING. ORNAMENTAL STREET LIGHTING SHALL MEET CURRENT STREET LIGHTING STANDARD SPECIFICATIONS.
- REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.



FOR: VISION BEYOND BORDERS
200 N. B. 1535
CASPER, WY 82402
307.333.6545

BY: ECS ENGINEERS
1600 CV AVENUE, SUITE 104
CASPER, WY 82404
307.337.2683

Date: Drawn: 1.17.2025
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Page: 7/8

LANDSCAPE PLAN
VISION BEYOND BORDERS
MILLS, WY

REV	DATE	DESCRIPTION

C7.0

ARCH FULL BLEED D (24.00 X 36.00 INCHES)

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LIGHTING PLAN FOR

VISION BEYOND BORDERS

IN THE CITY OF MILLS

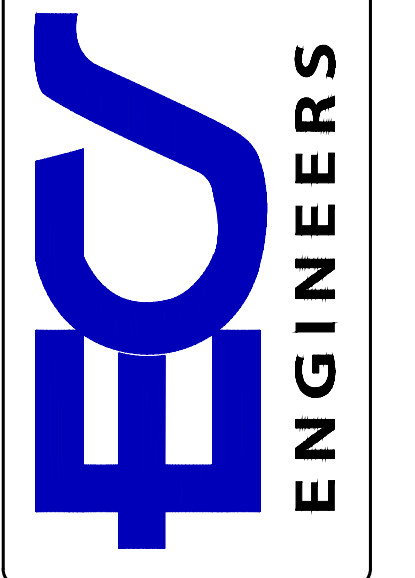
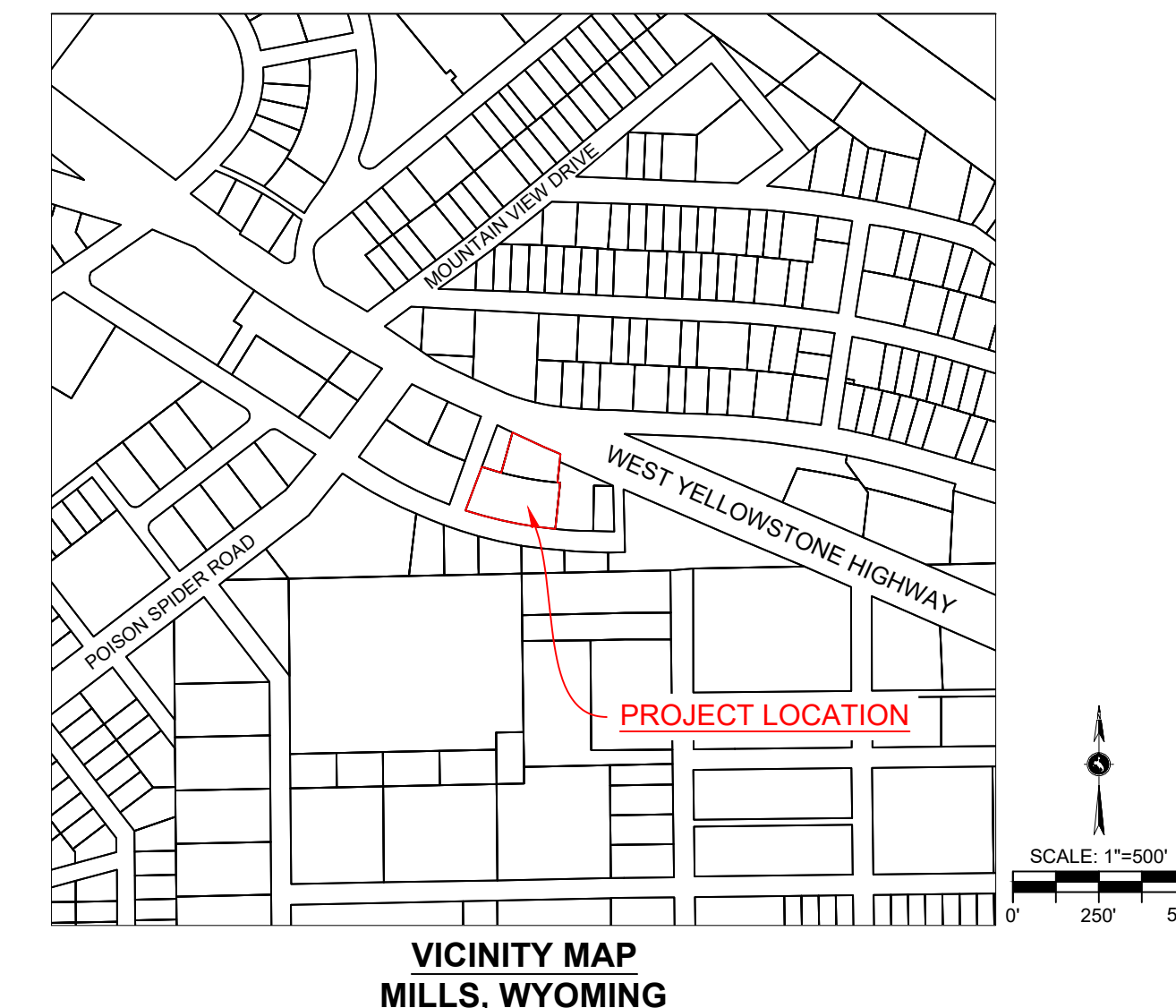
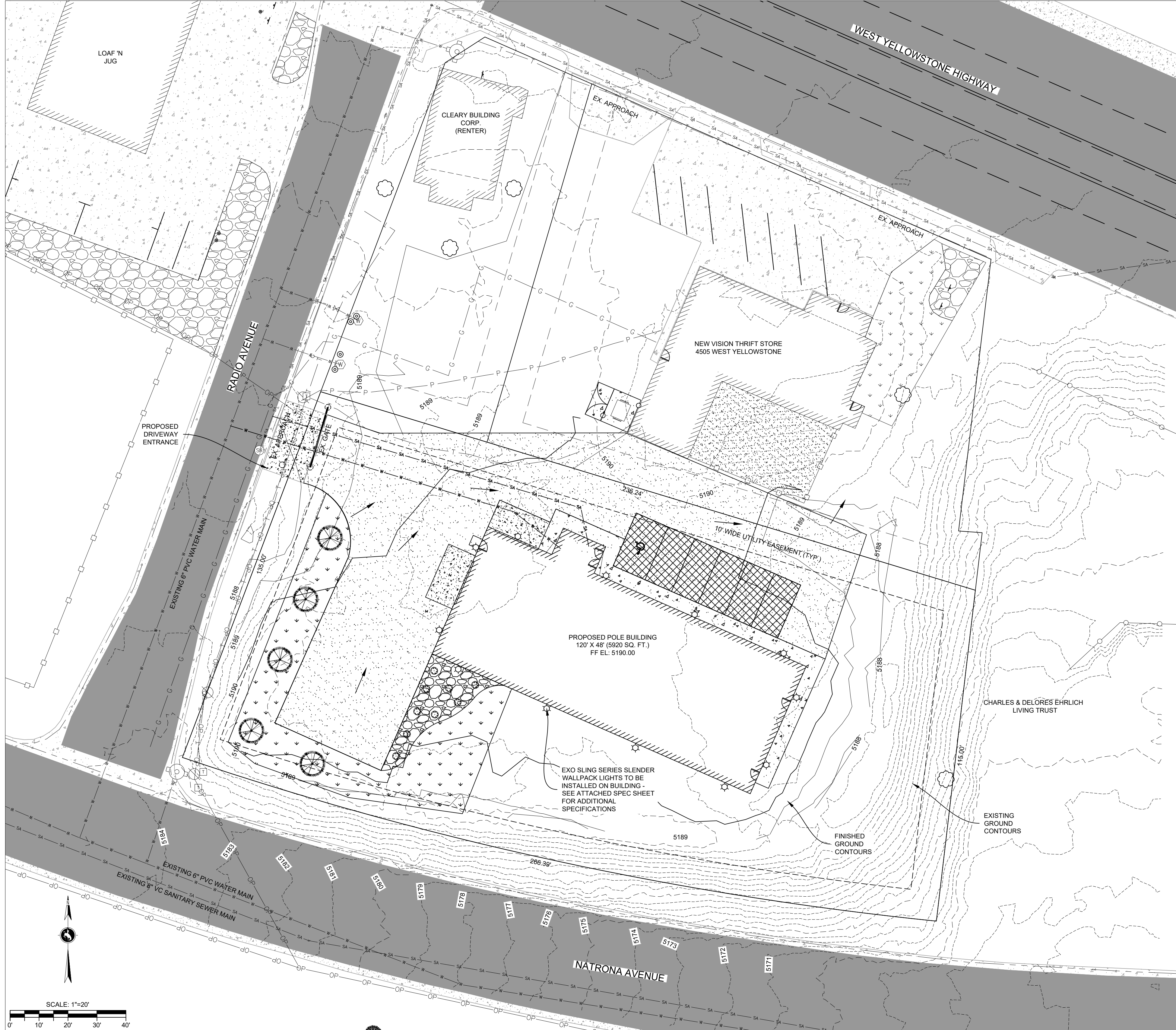
NATRONA COUNTY, WYOMING

SYMBOLS

- | | |
|----------------------------|----------------------------|
| ○ PROPOSED TREE | ⊕ STORM SEWER MANHOLE |
| ○ TREE | ⊕ STREET LAMP |
| △ ECS CONTROL POINT | ⊕ TELEPHONE MANHOLE |
| □ ELECTRICAL VAULT | ⊕ TELEPHONE PEDESTAL |
| □ FIBER OPTIC PEDESTAL | ⊕ BORE HOLE LOCATION |
| ⊕ FIRE HYDRANT | ⊕ WATER TEE |
| ⊕ PROFILE FIRE HYDRANT | ⊕ WATER CROSS |
| ⊕ FLARED END SECTION | ⊕ WATER VALVE |
| ⊕ GAS METER | ⊕ CURB STOP |
| ⊕ CATCH BASIN | ⊕ ELECTRICAL METER CABINET |
| ⊕ GUY WIRE ANCHOR | ⊕ SINGLE SIGN POST |
| ⊕ POWER POLE | ⊕ BOLLARD |
| ⊕ SANITARY SEWER MANHOLE | ⊕ RECOVERED BRASS CAP |
| ⊕ SANITARY SEWER CLEAN OUT | ⊕ RECOVERED ALUMINUM CAP |
| → DRAINAGE DIRECTION ARROW | ⊕ RECOVERED REBAR |
| | ⊕ RECOVERED ALUMINUM CAP |

LEGEND

- | | |
|-----------------------|-----------------------------|
| — T — T — T — | TELEPHONE LINE |
| — P — P — P — | UNDERGROUND POWER |
| — F — F — F — | EXISTING FIBEROPTIC LINE |
| — C — C — C — | PROPOSED MAJOR CONTOUR |
| — M — M — M — | EXISTING MAJOR CONTOURS |
| — S — S — S — | EXISTING MINOR CONTOURS |
| — D — D — D — | EXISTING CONCRETE SURFACING |
| — G — G — G — | PROPOSED CONCRETE SURFACING |
| — W — W — W — | EXISTING ASPHALT SURFACING |
| — SA — SA — SA — SA — | PROPOSED ASPHALT SURFACING |
| — SW — SW — SW — SW — | PROPOSED LANDSCAPING |
| — OP — OP — OP — | EXISTING GRAVEL |



FOR: VISION BEYOND BORDERS
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LIGHTING PLAN
VISION BEYOND BORDERS
MILLS, WY

REV	DATE	DESCRIPTION	BY

C8.0

ARCH FULL BLEED D (24.00 X 36.00 INCHES)

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SLING Series

SLENDER WALLPACK

tradeSELECT™

FEATURES

- Two sizes for a variety of applications
- Ranges from 21W to 80W with up to 8000 lumens
- SG1 Series replaces from 100W-150W HID; SG2 Series replaces from 150W-250W HID
- Comfort Lens available as an option or accessory provides glare control and enhanced uniformity
- Knuckle and trunion accessory mounting kits available for flood applications
- IP65 and certified to UL 1598 for use in wet locations up to 40°C ambient
- DLC (DesignLights Consortium Qualified - see www.designlights.org)



SPECIFICATIONS

HOUSING

- Rugged die-cast aluminum housing with corrosion resistant powder coat finish
- Heating dissipating fins provide superior thermal performance extending the life of the electronic components
- Impact resistant tempered glass offers zero uplight
- Comfort lens available as an option or accessory to reduce glare (7-10% lumen reduction) and provide better uniformity

OPTICS

- 3000K, 4000K and 5000K CCT nominal with 70 CRI
- Smaller SG1 housing has 2 LEDs, larger SG2 housing has 3 LEDs

INSTALLATION

- Side hinge allows for easy installation and wiring
- Side movement avoids damage to the lens and helps prevent injury common in drop down hinge designs
- Mounts to 4" junction box and includes a gasket to help seal electrical connections
- Four 1/2" threaded conduits hubs for surface conduit provided

ELECTRICAL

- 120-277V, 50/60Hz electronic drivers
- 347V and 480V available in large SG2 housing
- 10KA surge protection included

OPTIONS/CONTROLS

- Button photocontrol for dusk to dawn energy savings. Stock versions include 120V-277V PC with a cover which provides a choice to engage photocontrol or not. PC is installed in top hub
- Occupancy sensor available for on/off and dimming control in larger SG2 housing
- Battery backup options available in larger SG2 housing rated for either 0° C or -30° C. Performance exceeds NEC requirement providing 1 fc minimum over 10'x10' at 11' mounting height

CERTIFICATIONS

- Listed to UL1598 for use in wet location, listed for -40°C to 40°C applications
- Complies with IDA standards with zero uplight for 3000K and warmer CCT's
- IP65

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	2263-8079
Wattage Range	21-80
Efficacy Range (LPW)	101-113
Weights lbs. (kg)	4.3-11 (2.0-5.0)

SLING SERIES

SLIMLINE WALLPACK

ORDERING GUIDE

Example: SGI-20-3K7-FT-UNV-DBT-PCU-CS

CATALOG #

ORDERING INFORMATION

Housing	CCT/CRI	Distribution	Voltage	Color/Finish	Control Options	Options
SG1-10 Size 1, 10W	3K7 3000K, 70 CRI	FT Fwd Throw	UNV 120V-277V	BLT Black Matte Textured	PCU Universal Button Photocontrol (120-277V)	CS Comfort Lens
SG1-20 Size 1, 20W	4K7 4000K, 70 CRI		120 120V	BLS Black Gloss Smooth	SCP ^{1,2,3} Occupancy Sensor Programmable (Dim)	E ^{1,2} Battery 0°C
SG1-30 Size 1, 30W	5K7 5000K, 70 CRI		277 277V	DBT Dark Bronze Matte Textured	Specify MTG HT for OCC Sensor	EH ^{1,2} Battery w/ heater -20°
SG1-40 Size 1, 40W			UHV 347V-480V	DBS Dark Bronze Gloss Smooth	8F Up to 8'	
SG2-50 Size 2, 50W				GTT Graphite Matte Textured	20F Up to 20'	
SG2-80 Size 2, 80W				LGS Light Grey Gloss Smooth		
				PSS Platinum Silver Smooth		
				WHT White Matte Textured		
				WHS White Gloss Smooth		
				VGT Verde Green Textured		
				Color Option		
				CC Custom Color		

Notes:

- 1 Available in SG2 only, UHV available in SG2-50 only
- 2 Sensor controls & battery backup can not be used with flood accessory or kit or for inverted/up mounting, 120-277V only for SCO/SCP, 120 or 277 only for SWP, SWPM, E & EH
- 3 Must order minimum of one remote control to program dimming settings, 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, 120-277V only

STOCK ORDERING INFORMATION

Catalog Number	CCT/CRI	Wattage	Mounting Height	Color	Color	Delivered Lumens	LPW	Weight lbs. (kg)
SG1-10-PCU	5000K/70	11W	8-12ft	120-277V	Dark Bronze	1349	122	4.3 (2.0)
SG1-10-4K-PCU	4000K/70	11W	8-12ft	120-277V	Dark Bronze	1424	129	4.3 (2.0)
SG1-20-PCU	5000K/70	21W	8-12ft	120-277V	Dark Bronze	2263	108	4.3 (2.0)
SG1-20-4K-PCU	4000K/70	21W	8-12ft	120-277V	Dark Bronze	2310	110	4.3 (2.0)
SG1-30-PCU	5000K/70	29W	10-15ft	120-277V	Dark Bronze	3270	113	4.3 (2.0)
SG1-30-4K-PCU	4000K/70	29W	10-15ft	120-277V	Dark Bronze	3060	105	4.3 (2.0)
SG1-40-PCU	5000K/70	38W	10-15ft	120-277V	Dark Bronze	4008	105	4.3 (2.0)
SG1-40-4K-PCU	4000K/70	38W	10-15ft	120-277V	Dark Bronze	4070	106	4.3 (2.0)
SG2-50-PCU	5000K/70	51W	12-18ft	120-277V	Dark Bronze	5548	110	11 (5.0)
SG2-50-4K-PCU	4000K/70	51W	12-18ft	120-277V	Dark Bronze	5526	109	11 (5.0)
SG2-80-PCU	5000K/70	80W	15-25ft	120-277V	Dark Bronze	8061	101	11 (5.0)
SG2-80-4K-PCU	4000K/70	80W	15-25ft	120-277V	Dark Bronze	8079	101	11 (5.0)

SLING SERIES

SLENDER WALLPACK

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

ORDERING GUIDE

OPTIONS AND ACCESSORIES

	Catalog Number	Description	Weight lbs. (kg)
<input type="checkbox"/>	SG1-YOKE	SG1 Series Yoke/Floodlight mount kit, includes visor	2.0 (1.0)
<input type="checkbox"/>	SG1-KNUCKLE	SG1 Series Knuckle/Floodlight mount kit, includes visor	2.0 (1.0)
<input type="checkbox"/>	SG2-YOKE	SG2 Series Yoke/Floodlight mount kit, includes visor	2.0 (1.0)
<input type="checkbox"/>	SG2-KNUCKLE	SG2 Series Knuckle/Floodlight mount kit, includes visor	2.0 (1.0)
<input type="checkbox"/>	SCP-REMOTE*	Remote control for SCP option. Order at least one per project to program and control fixtures	1 (.45)

SLING SERIES

SLIMMER WALLPACK

PERFORMANCE DATA

Description	# of LEDs	Drive Current	System Watts	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 80 CRI)				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
SG1-10	2	140mA	11	1349	122	1	0	0	1424	129	1	0	0	1003	91	1	0	0
SG1-20	2	250mA	21	2449	115	1	0	0	2310	110	1	0	0	2054	95	1	0	0
SG1-30	2	350mA	29	3332	117	2	0	0	3060	106	1	0	0	2913	100	1	0	0
SG-40	2	450mA	38	4008	105	2	0	0	4070	106	2	0	0	3845	100	2	0	0
SG2-50-UHV	3	350mA	44	4633	106	2	0	0	4609	105	2	0	0	3895	90	2	0	0
SG2-50	3	415mA	51	5548	109	2	0	0	5526	107	2	0	0	4700	92	2	0	0
SG2-80	3	650mA	80	7851	98	2	0	1	8079	103	2	0	1	6721	86	2	0	1

*347 and 460 VAC input Lumen values are from photometric test performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment application and inherent performance balances of the electrical components.

ELECTRICAL DATA

Catalog number	# of Drivers	Input Voltage	Current (AMPS)	System Power
SG1-10	1	120	0.09	11.0
	1	277	0.04	11.0
SG1-20	1	120	0.18	21.0
	1	277	0.08	21.0
SG1-30	1	120	0.24	28.9
	1	277	0.10	28.9
SG2-40	1	120	0.32	38.3
	1	277	0.14	38.3
SG-50-UHV	1	347	0.13	43.5
	1	480	0.18	43.5
SG2-50	1	120	0.42	50.6
	1	277	0.18	50.6
SG2-80	1	120	0.68	79.8
	1	277	0.29	79.8

PROJECTED LUMEN MAINTENANCE

Ambient Temperature	OPERATING HOURS					
	0	25,000	50,000	TM-21-11 ¹ L96 60,000	100,000	L70 (Hours)
25°C / 77°F	1.00	0.98	0.97	0.96	0.95	>791,000
40°C / 104°F	0.99	0.98	0.96	0.96	0.94	>635,000

1. Projected per IESNA TM-21-11¹ (Nichia 219B, 700mA, 85°C Ts, 10,000hrs) Data references the extrapolated performance projections for the base model in a 40°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08

SLING SERIES

SLENDER WALLPACK

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

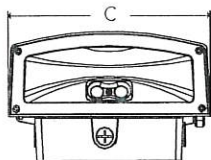
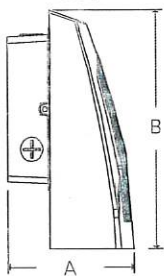
LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0° C	32° F	1.02
10° C	50° F	1.01
20° C	68° F	1.00
25° C	77° F	1.00
30° C	86° F	1.00
40° C	104° F	0.99
50° C	122° F	0.96

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

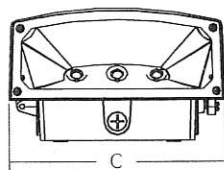
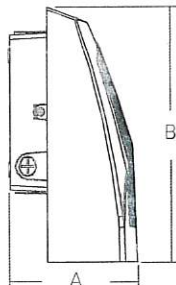
DIMENSIONS

SG1



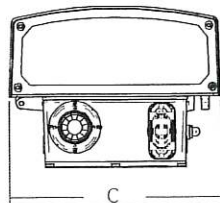
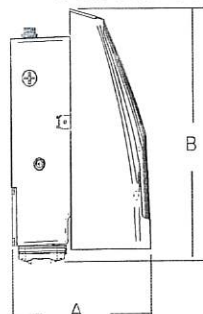
A	B	C	Weight
4.19" (107mm)	7.80" (198mm)	6.61" (168mm)	4.4lbs (2kg)

SG2



A	B	C	Weight
5.80" (147mm)	11.14" (283mm)	9.52" (242mm)	11lbs (5kg)

SG2 with occupancy sensor and battery options



A	B	C	Weight
7.26" (184mm)	13.64" (342mm)	9.52" (242mm)	11lbs (5kg)

SLING SERIES

SLIMMER WALLPACK

PHOTOMETRY

SG1-10-4K7

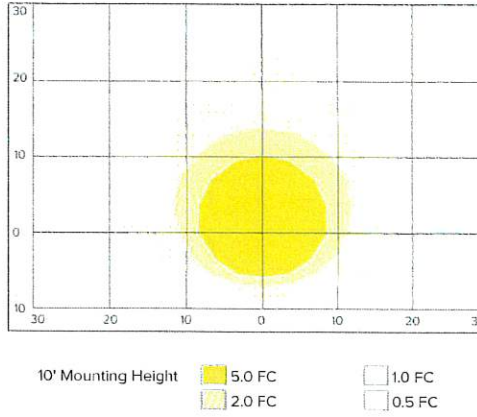
LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	1424
Watts	11.4
Efficacy	125
Mounting	Wall

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	996.6	70.0
Downward House Side	427.8	30.0
Downward Total	1424.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	1424.4	100.0

ISOMETRIC FOOTCANDLE



SG1-20-4K7

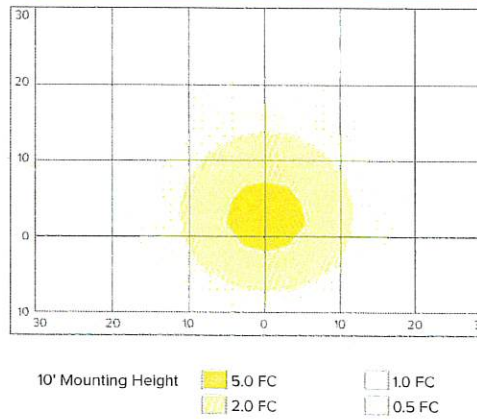
LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	2310
Watts	20.9
Efficacy	111
Mounting	Wall

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	1618	70.0
Downward House Side	692.1	30.0
Downward Total	2310	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	2310.3	100.0

ISOMETRIC FOOTCANDLE



SG1-30

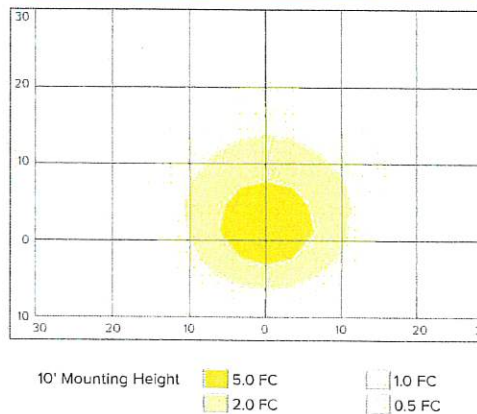
LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	3060
Watts	29.1
Efficacy	105
Mounting	Wall

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	2619.4	70.9
Downward House Side	890.4	29.1
Downward Total	3059.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3059.8	100.0

ISOMETRIC FOOTCANDLE



SLING SERIES
SLENDER WALLPACK

PHOTOMETRY

SG1-40-4K7

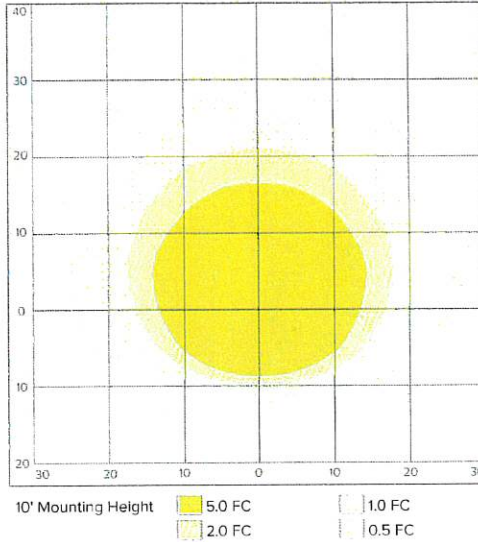
LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	4070
Watts	38.1
Efficacy	107
Mounting	Wall

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	2857.7	70.2
Downward House Side	1215.5	29.8
Downward Total	4070.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	4070.2	100.0

ISOMETRIC FOOTCANDLE



SG2-50-4K7

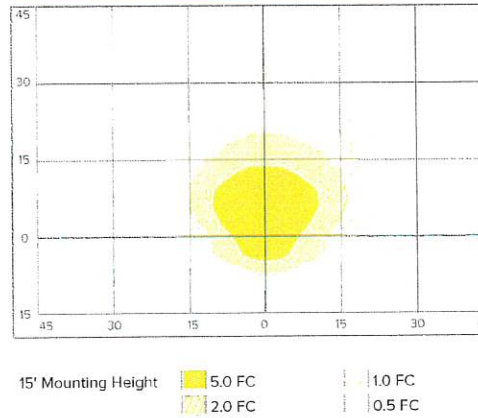
LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	5525.7
Watts	51.7
Efficacy	107
Mounting	Wall

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	4611.8	83.5
Downward House Side	913.9	16.5
Downward Total	5525.7	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	5525.7	100.0

ISOMETRIC FOOTCANDLE



SG2-80-4K7

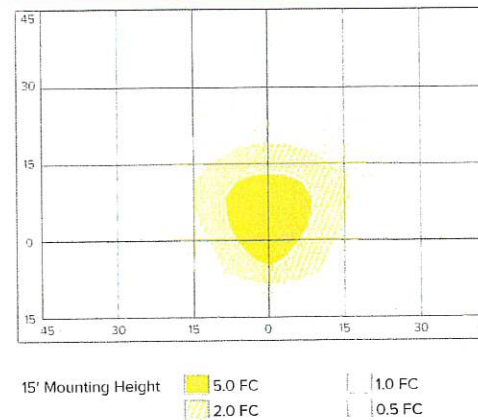
LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	8453
Watts	78.5
Efficacy	108
Mounting	Wall

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	6677.7	79.0
Downward House Side	1775.5	21.0
Downward Total	8453.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	8453.2	100.0

ISOMETRIC FOOTCANDLE



SLING SERIES

SLENDER WALLPACK

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

ADDITIONAL INFORMATION

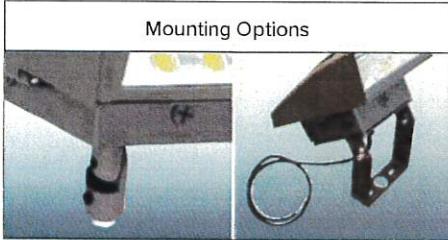
Shipping Information

Catalog Number	G.W(kg)/ CTN	Carton Dimensions			Carton Qty. per Master Pack	Pallet Qty.
		Length Inch (cm)	Width Inch (cm)	Height Inch (cm)		
SG1	4.35lbs (2kg)	9.5 (24)	8.25 (21)	5.25 (13)	6	98
SG2	11lbs (5kg)	14 (36)	11.5 (29)	8 (20)	2	64

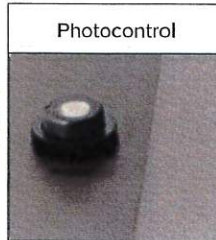
Accessories and Services



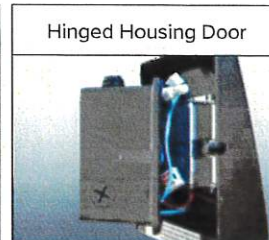
Visor accessory included with mounting accessory kits



Flood mounting accessories - 1/2" threaded knuckle or yoke (includes grommet and 3' SO cord)



Photocontrol option available for energy-saving dusk-to-dawn operation



Side hinged for easy installation and wiring access, single screw secures housing closure