#### AGENDA BOARD OF TRUSTEES

DATE: April 16, 2024
Regular Meeting 6:00pm
Town Hall – 1010 High Street
Collbran, Colorado

### The Public Is Encouraged To Attend

Zoom link available by contacting Town Hall prior to meeting.

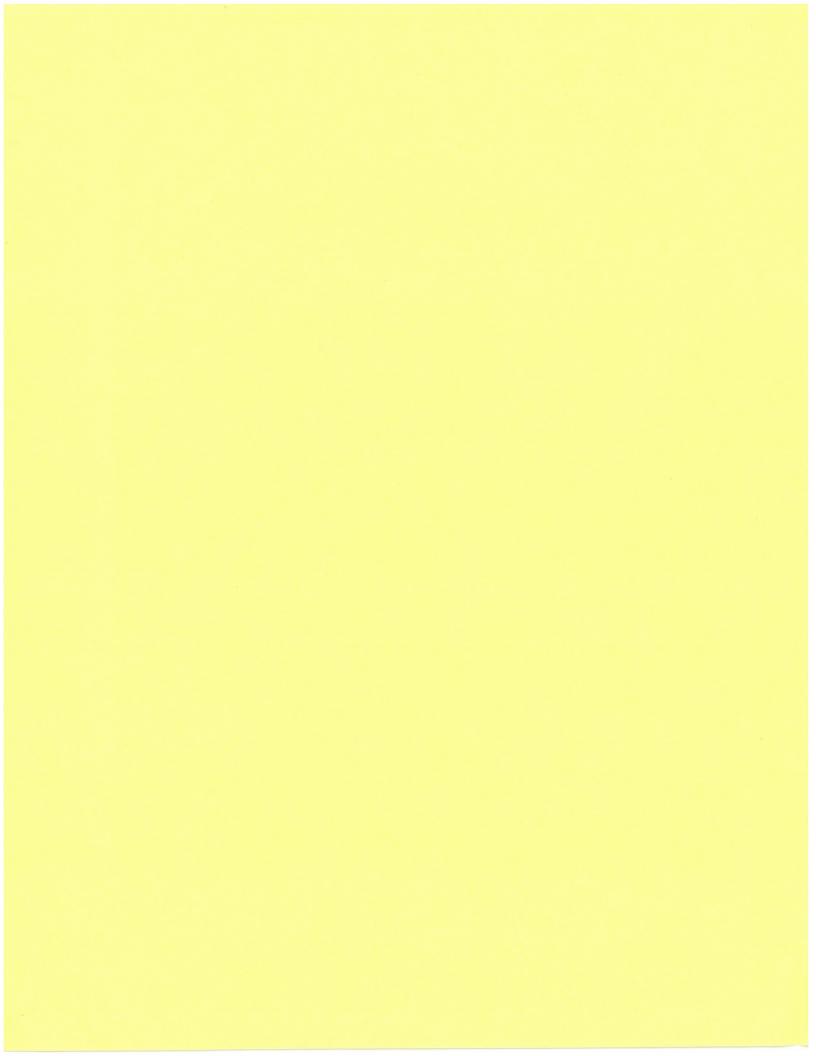
- 1. Call to Order
- 2. Pledge of Allegiance
- 3. Roll Call
- 4. Persons not on the agenda
  - A. Please limit comments to three (3) minutes, and address your comments directly to the Mayor.
  - B. Identify yourself by name and address when making comments.
  - C. Comments should be courteous, civil and constructive.
  - D. Town Board will make no decision nor take action, except to direct the Town Manager.
- 5. Public Hearing Special Use Application for the Town of Collbran Communications
  Tower & Support Facilities
- 6. River City Consultants Conceptual Presentation Terrell Park Subdivision
- 7. Authorization for the Town Manager to solicit comparative pricing for the 2024 Alley Sanitary Sewer replacement based upon the design provided by KLJ Engineering and an Engineer's Estimate of Probable Cost of approximately \$22,000 and waiving the competitive bid requirements of the Town's procurement policy in order to expedite the repairs. Recommended source of funding is 2024 sewer fund capital budget of \$50,000, \$30,000 available for 2024 sludge drying/removal that can be postponed to 2025.
- 8. Trustee Informational and/or items for future agenda
- 9. Upcoming meetings
  - a. April 23, 2024 joint meeting with Plateau Valley School Board 6:00 pm @PV school
  - b. May 7, 2024 regular board meeting, 6:00 pm

#### 10. Adjournment

#### Worksession following - May be canceled at the Mayor's discretion

NOTICE TO READERS: Town Council meeting packets are prepared several days prior to the meetings. Timely action and short discussion on agenda items does not reflect lack of thought or analysis on the Trustee's part as issues have been discussed by Trustees in workshop or committee meetings which are open to the public. The Board of Trustees may take action on any of the following agenda items as presented or modified prior to or during the meeting, and items necessary or convenient to effectuate the agenda items. <u>PUBLIC INVITED TO ATTEND</u>:
The Public will be limited to three minutes each unless prior arrangements have been made with the Town Clerk or Administrator. Town Trustees

may not respond to your comments on this evening, rather, they may take your comments and suggestions under advisement and your questions will be directed to the appropriate person or department for follow-up.						



# Staff Report Town of Collbran Communications Tower& Support Facilities Special Use Application Town of Collbran Board of Trustees Public Hearing Tuesday, April 16, 2024

Report Date: 3/27/2024.

Report Bate. 3/2//2024.			
Name of applicant.	Town of Collbran		
Applicant Representative	Melonie Matarozzo		
Address.	1010 High St, Collbran, CO 81624		
Phone Number.	970-487-3751 Telephone		
Property Owner.	Town of Collbran		
Address.	1010 High St, PO Box 387, Collbran, CO 81624		
Phone.	970-487-3751 Telephone		
Location of property.	5800 Peninsula Rd., Collbran, Colorado		
Zoning.	P-Public		
Surrounding Zoning.	North - Residential-1, East – Residential-1 & AFT - Unincorporated Mesa County, South – AFT - Unincorporated Mesa County, West – Residential-1		
Surrounding Land Uses.	North – Residential, East – Residential, South - Road & Residential, West - Residential.		
Existing Use of Property.	Park, Communications Facilities, Storage & Water Tank Site.		
Proposed Use of Property.	Continuation of existing uses and addition of freestanding 40-foot communications tower, remodel of existing utility building, and installation of a backup generator. Existing guy-wire supported lattice tower to be removed.		
Existing Floor Square Footage.	90 Sq. Ft		
Required Off-street Parking.	One and one-tenth (1 1/10) spaces. <b>Industrial Facilities.</b> One (1) space for every one thousand square feet (1,000 sq. ft.) of floor area or one and one-tenth (1 1/10) spaces per employee whichever results in more parking spaces.		

Parking Proposed.	Existing area that has adequate room for at least one 9'x22' parking space.		
Minimum Required Lot Size.	None		
Lot Size.	6.61 Acres		
Maximum Building Height	35 feet		
Required Setbacks.	<b>Side Yard -</b> 10 ft., <b>Front -</b> 20 ft., <b>Rear -</b> 20 ft.		
Proposed Setbacks.	Front Yard – 524', Side Yard – 83' & 430', Rear Yard – 40'		

#### I. Vicinity Map



#### II. Description of the request

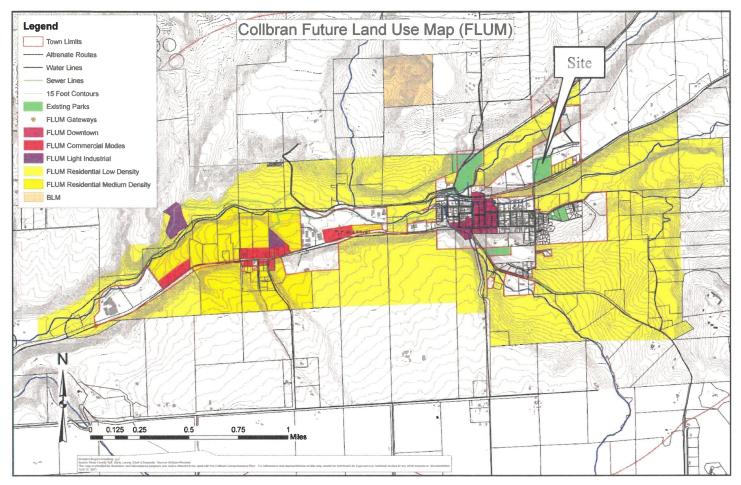
The applicant is requesting a Special Use to construct a new free-standing 40-foot steel communications tower that will replace an existing on-site 35-40 feet high guy-wire supported steel tower. The present tower and guy-wires will be removed. Equipment on the existing tower will be relocated to the new tower. The current building will be remodeled as a support facility

and will include installation of a back-up generator. No additional parking will be required because the tower and building are unmanned facilities. Periodically, employees will visit the site to perform routine maintenance and repairs. There is adequate parking available on the property adjacent to the tower and building available for communications facility maintenance personnel. Outdoor lighting for the building and the site will be directed to the point of use and will be kept to a minimum. Outdoor lighting will be downcast and will utilize motion sensor activation and not use "dusk to dawn sensors" so the facility will not be illuminated when personnel are not present. The FAA does not require tower lighting. The new tower is self-supporting and no support cables are necessary. There is an existing chain-link fence surrounding the building and tower location. At a future date, Collbran plans to expand the fence to surround the larger site, including the water tank to secure the location. An all-weather surface exists around the tower location and structure to minimize maintenance. The current gravel road serves as access to the facility. Existing power serves the site. No water or sewer service is required.

#### III. Definition of Special Use.

Section 15.02.020 Special Use. - Uses designated as Special Uses are contingent uses, which may or may not be appropriate in a particular location depending on the nature of the proposed use, its relationship to surrounding land uses and its impact on traffic capacities, potential environmental effects, and compatibility with the neighborhood. It is the intent of these Regulations to provide a review of Special Uses so that the community is assured that any proposed Special Uses are suitable for the proposed location and are compatible with the surrounding land uses. The Board of Trustees must consider a Special Use at a public hearing.





The subject property is shown on the Collbran Future Land-Use Map as "Existing Parks" and it is located within town limits and no change is proposed to the existing Public Zoning.

The following information comes from the Collbran comprehensive plan and includes only those sections relevant to this application.

### Land Use

#### Vision

The small compact community of Collbran desires to grow from the core outward in logical steps. Support for a compatible mix of land-use types helps build a vital community with a diversity of housing and sense of place for existing and new residents. Well-planned parks, open spaces and trails maintain quality of life and retain the community's rural character. Carefully considered annexations in conformance with the Comprehensive Plan support managed cost-effective future growth.

- Goal LU-7: New development should pay for all of its impact costs and not place a fiscal burden on the existing residents.
- Policy LU-7B: New development should pay for all impact costs generated by the project including both on-site and off-site improvements.
- Policy LU-7C: New development shall not decrease quantified existing levels of service and as necessary shall financially offset additional service costs generated by the development.
- Policy LU-7D: Development will be required pay all costs necessary to extend and properly size utilities, roads and other infrastructure necessary to serve the project and extend infrastructure to property boundaries for future connections.

## Environment/Aesthetics

#### Vision

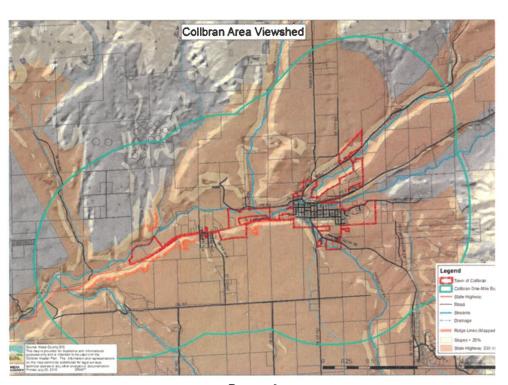
Protection of air, water, environmental quality and the scenic vistas in Collbran is an important objective for the Town and area residents. Ongoing efforts to maintain and improve these qualities include riparian corridor preservation, watershed protection, conservation of wildlife habitat and education about the benefits of all of these community assets.

#### Goal EA-4: Protect important ridgelines and viewsheds.

- Policy EA-4A: Identify key ridgelines and viewsheds for protection.
- Policy EA-4B: Require setbacks from key ridgelines and in viewsheds to prevent visual impacts at those locations.
- Policy EA-4C: Collbran will utilize standards for analysis and protection of ridgeline & viewsheds as part of the land-use review process.
- Policy EA-4D: Collbran may work with Mesa County on ridgeline and viewshed protection analysis and utilize available County mapping of sensitive ridgelines and/or view sheds.

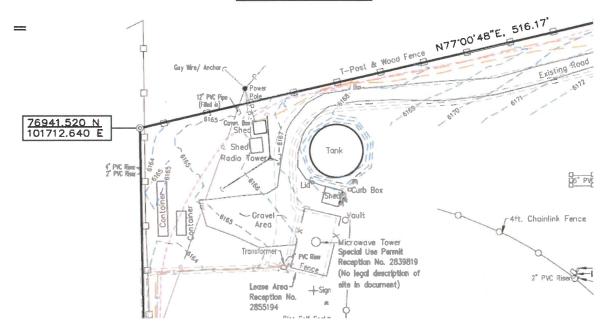
## Site Images



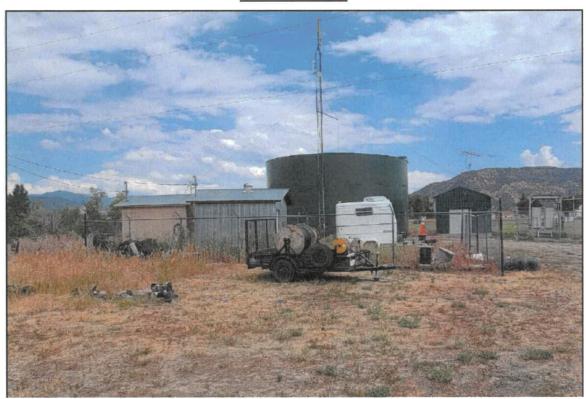


Page - 6

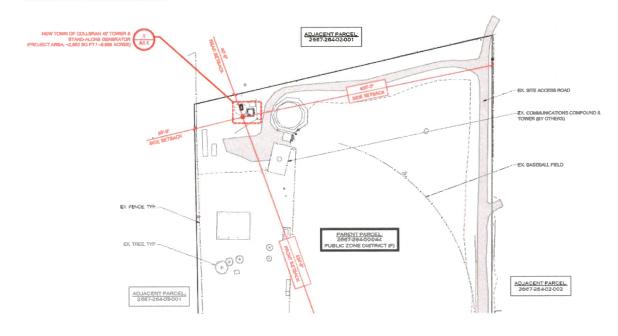
#### **Tower Area Site Plan**

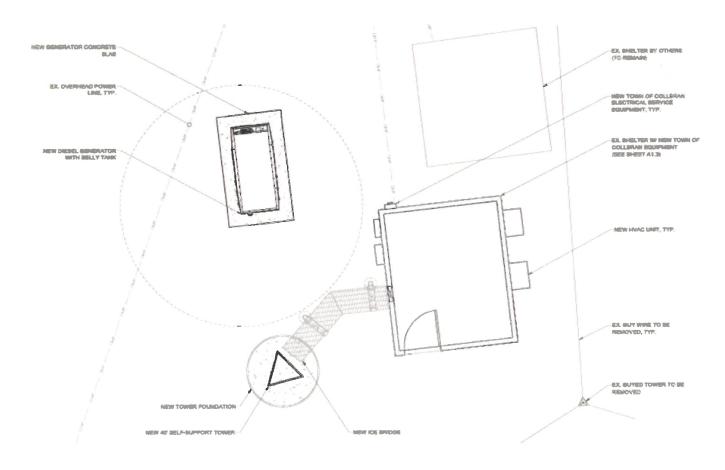


#### **View of Location**



### <u>Setbacks & Site Plan</u> – (Note: A Detailed Site Plan is Included Under Separate Cover)





#### **Existing Facilities On Site**

EX. EQUIPMENT TO BE RELOCATED TO NEW TOWER, TYP. EX. GUYED TOWER & GUY WIRES TO **BE REMOVED** EX. SHELTER

'A' EX. SHELTER & TOWER PHOTO

#### **IV. Review Comments:**

#### Special Use Application

*Ingress and egress to the property.* 

**Staff Comment -** Access is off County Road 330 into Gandi Park on an existing roadway and is adequate for the proposed use. It is anticipated that the site will be visited periodically by a maintenance person. Very few vehicle trips will be generated by the proposed use.

Off-street parking and loading areas.

**Staff Comment** – Minimal parking is required for the proposed infrequent service/maintenance use. The municipal regulations require 1.1 parking spaces. The existing parking on site is more than adequate to accommodate current and future parking needs for the facility.

Refuse and service areas.

**Staff Comment -** The proposed facility will not require a refuse area. The applicant will have adequate refuse facilities for waste that might be generated during servicing/maintenance of the tower. The existing service building is self-contained and does not require any separate service area.

Utilities.

**Staff Comment -** Existing on-site utilities are adequate to serve the proposed communications tower. No additional utility services are proposed.

Screening and buffering.

**Staff Comment - S**creening of the tower is difficult, but the new self-supported tower will replace a current similar sized guy-wire supported structure. Removing the guy-wires will reduce the visual the impacts to the view-shed. Use of a non-specular (reflective) surface on the new tower and attached equipment/antennas will minimize or eliminate reflection by sunlight or other light sources off the tower.

Signs and Lighting.

**Staff Comment -** The proposed tower will not be lit. Illumination is not required by the FAA. It is recommended that exterior lighting utilize motion sensor activation, is down-cast and directed to the point of use so that lighting serves the needs of the maintenance staff when they are there and will not remain on continuously during nighttime hours.

Required yards and other open spaces.

Staff Comment - The setbacks conform to the Public Zone District requirements.

General compatibility with adjacent property and other property in the district.

**Staff Comment -** The uses surrounding the subject property include the following:

- North Residential.
- East Residential.
- South County Rd 330 & Residential.
- West Residential.

The use will have a visual impact but replaces and existing guy-wire supported tower of similar size. Nearby the proposed new 40-foot tower is an existing 120-foot tower with a 10-foot lightning rod used by T-Mobile. Placement of the new tower on the northerly portion of the field will minimize visual impacts. It is recommended that all surfaces of the tower be non-reflective

including all antenna apparatus. As noted previously, the tower will not be lit so it will not be visible after dark.

Drainage.

**Staff Comment -** No significant change to the drainage in the area will be created by the proposed use.

# VI. Property Owners Within 200 feet of Subject Property (Obtained from Mesa County Assessor 3/27/24)

Randel E. and Sharon E. White Living Trust 5874 PE 3/10 Road Collbran, CO 81624

Lori A Bruton 588838 PE 3/10 Road Collbran, CO 81624

Randall and Deborah Pettes 58840 PE 3/10 Road Collbran, CO 81624

Kent and Tammy Hill 58589 Highway 330 E. Collbran, CO 81624-9613

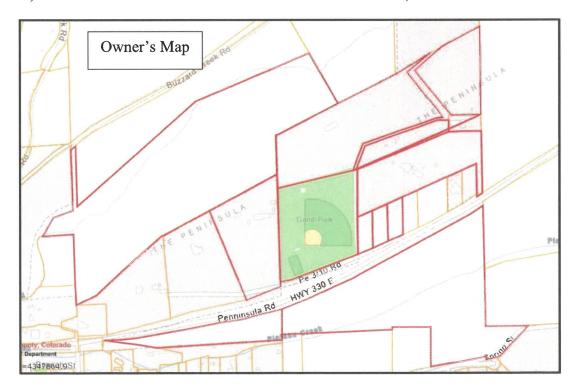
John D and James W et al. Shiflett PO Box 162 Rifle, CO 81650 Glen M and Charlotte L Denton 58850 PE 3/10 Road Collbran, CO 81624

Michael Schenkelberg and Julie Mathias 2111 Rodeo Road Collbran, CO 81624

Thomas A and Julia A Cox 59050 Spring Street Collbran, CO 81624

Mesa County Administration PO Box 20000 Grand Junction, CO 81502-5001

Optimus Communications (leaseholder) 288 28 Road Grand Junction, CO 81503



VII. Review Agency Comments.

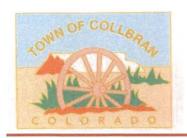
Public Works. - No comments received.

Police Department. - No comments received.

VIII. Staff Recommendations.

Staff recommends <u>APPROVAL</u> of the Town of Collbran Communications Tower Special Use application with the following conditions:

- 1. The tower and attached antennas shall have a non-specular dulled dark finish that will minimize or eliminate reflection. The color and type of matte/dulled surface shall be subject to approval of town staff prior to tower construction.
- 2. Exterior lighting shall utilize motion activated lighting, be down-cast and directed to the point of use to minimize lighting impacts while still allowing adequate lighting for security and support staff. Building and lighting plans shall be submitted to town staff for review and approval prior to construction.
- 3. The tower shall not be illuminated.
- 4. All representations made by the applicant in the application submittal and verbally before the Board of Trustees and identified in the meeting minutes are considered part of the application and binding on the applicant.



### Town of Collbran

1010 High Street PO Box 387 Collbran, CO 81624 Phone: 970-487-3751 Fax: 970-487-3380

#### NOTICE OF PUBLIC HEARING

TAKE NOTICE that, pursuant to Chapter 15 of the Town of Collbran Municipal Code, the Town of Collbran Board of Trustees (the "Board") will hold a **Public Hearing** to consider **Special Use Permit Application** submitted by the **Town of Collbran** for a **40-foot communications tower** to be located at Gandi Park, 5800 Peninsula Road, Collbran, Colorado. This request is submitted pursuant to Chapter 15 of the Collbran Municipal Code as a Special Use in the Public Zone District.

ALL PERSONS AFFECTED by the proposed application are invited to appear and state their views, protests or support about the application verbally, in writing or both. If you cannot appear personally at such hearing, then you are urged to state your views by letter to the Board of Trustees for consideration in their decision to approve, conditionally approve or deny the request. The application may be reviewed at the Collbran Town Hall located at 1010 High Street, Collbran, Colorado during regular business hours, Monday through Friday, 9:00 a.m. to 5:00 p.m.

A PUBLIC HEARING on this application has been scheduled for the 16th day of April 2024 at 6:00 p.m., in the Collbran Town Hall, 1010 High Street, Collbran, Colorado.

Melonie Matarozzo,	Town	Clerk	



#### AFFIDAVIT OF PUBLICATION

State of Pennsylvania, County of Lancaster, ss:

Yuade Moore, being first duly sworn, deposes and says: That (s)he is a duly authorized signatory of Column Software, PBC, duly authorized agents of Grand Junction Daily Sentinel, a newspaper printed and published 5 days a week in the City of Grand Junction, County of Mesa, State of Colorado, and that this affidavit is Page 1 of 1 with the full text of the sworn-to notice set forth on the pages that follow, and the hereto attached:

#### **PUBLICATION DATES:**

Mar. 30, 2024

NOTICE ID: 9rbIQFHQBRxOfTJnjrSG

PUBLISHER ID: 188171

NOTICE NAME: Special Use - Gandi Tower rev



#### **VERIFICATION**

State of Pennsylvania County of Lancaster

Commonwealth of Pennsylvania - Notary Seal Nicole Burkholder, Notary Public Lancaster County

My commission expires March 30, 2027 Commission Number 1342120

Subscribed in my presence and sworn to before me on this: 04/01/2024



Notarized remotely online using communication technology via Proof.

#### NOTICE OF PUBLIC HEARING

TAKE NOTICE that, pursuant to Section 15.05 of the Town of Collbran Municipal Code, the Town of Colibran Board of Trustees (the "Board") will hold a public hearing to consider a special use permit application submitted by the Town of Collbran for a 40-foot wireless tower to be located at Gandi Park, 5800 Peninsula Road, Colibran, CO 81624. This request is submitted pursuant to Section 15.03.080 of the Municipal Code as a Special Use in the Public Zone District.

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Meionie Matarozzo, Town Clerk

Published: March 30, 2024.

including all antenna apparatus. As noted previously, the tower will not be lit so it will not be visible after dark.

Drainage.

**Staff Comment** - No significant change to the drainage in the area will be created by the proposed use

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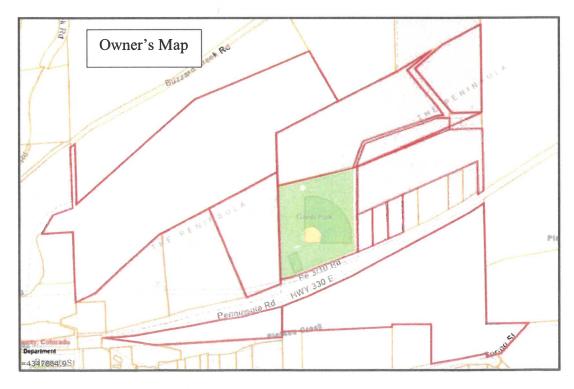
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Optimus Communications (leaseholder) 288 28 Road Grand Junction, CO 81503





Restricted Delivery

PS Form 3811 July 2020 DSN 7520 02 000 0052

2. Article Number (Transfer from service label)

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Collect on Delivery

☐ Insured Mail

Collect on Delivery Restricted Delivery

Insured Mail Restricted Delivery (over \$500)

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Street and Apt. No

City, State, ZIP+4

PS Form 3800, A

288 28 ROAD



See Reverse for Instructions





#### SENDER: COMPLETE THIS SECTION COMPLETE THIS SECTION ON DELIVERY Complete items 1, 2, and 3. A. Signature Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, B, Received by (Printed Name) or on the front if space permits. 18n 1. Article Addressed to: D. Is delivery address different from item 1? If YES, enter delivery address below: BRUTON LORI A 58838 PE 3/10 ROAD COLLBRAN, CO 81624 Service Type ☐ Priority Mail Express® ☐ Adult Signature ☐ Registered Mail™ ☐ Adult Signature Restricted Delivery ☐ Registered Mail Restricted Delivery Certified Mail® 9590 9402 8642 3244 1162 03 Certified Mail Restricted Delivery ☐ Signature Confirmation™☐ Signature Confirmation ☐ Collect on Delivery 2. Article Number (Transfer from service label) ☐ Collect on Delivery Restricted Delivery ☐ Insured Mail 022 1670 0001 9697 4575 ☐ Insured Mail Restricted Delivery (over \$500) PS Form 3811, July 2020 PSN 7530-02-000-0053 Domestic Return Receipt





☐ Agent

C. Date of Delivery

3-29-24

☐ Yes

Restricted Delivery

☐ Addressee

#### SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits
- 1. Article Addressed to:

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2. Article Number (Transfer from service label)

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COMPLETE THIS SECTION ON DELIVERY A Signature Agent Addressee C. Date of Deliver eceived by (Printed Name) D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ Priority Mail Express® Service Type ☐ Registered Mail™ ☐ Adult Signature Registered Mail Restricted Delivery Adult Signature Restricted Delivery Certified Mail® ☐ Signature Confirmation™ Certified Mail Restricted Delivery Collect on Delivery

- Collect on Delivery Restricted Delivery
- ☐ Insured Mail ☐ Insured Mail Restricted Delivery

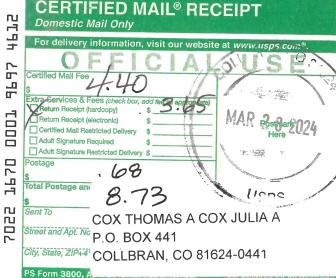
(over \$500)

☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt







### SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.
- 1. Article Addressed to:

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> DENTON GLEN M DENTON CHARLOTTE L PO BOX 322 COLLBRAN, CO 81624-0322



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#### COMPLETE THIS SECTION ON DELIVERY

☐ Agent ☐ Addressee

(Printed Name) B. Received by

C. Date of Delivery

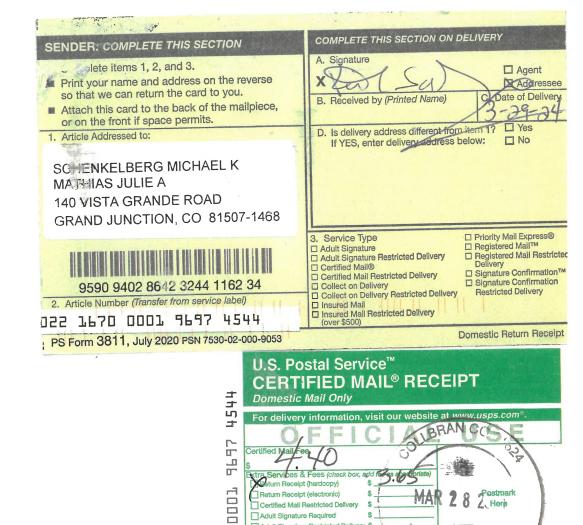
D. Is delivery address different from item 1? If YES, enter delivery address below:

☐ No

Service Type

- ☐ Adult Signature
  ☐ Adult Signature Restricted Delivery
- Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)
- Collect on Delivery Restricted Delivery
- ☐ Priority Mail Express®
  ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt



Adult Signature Restricted Delh

Street and Apt. No

City, State, ZIP+4

PS Form 3800,

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SCHENKELBERG MICHAEL K

140 VISTA GRANDE ROAD

GRAND JUNCTION, CO 81507-1468

MATHIAS JULIE A



# NOTICE OF PUBLIC REALING

TAKII NOTICE that, furnitaria to Section 15.0% of the Town of Calibran Town of Calibran Montained Code, the Town of Calibran Isoacot of Trustees (the "Goacot") will hadd a public bearing to consider a special use persuit application inearing to consider a special use persuit application autoritied by the Town of Collbran for a 4th-foot windies autoritied by the Town of Collbran for a 4th-foot windies costered by the Town of Collbran for a 4th-foot windies collbran, CO 81624. This request is submitted pressuant to Section 15.03 000 of the Montegoal Code as a Special Use in the Public Zone District.

ALL, PERSONS APPLICTRIS by the proposed department of application are invited to septem and eater lines where, application are invested to septem and eater lines to appear a such verticing or bath. If you cannot appear personality at such verticing, then you are urged to star your versal by letter to the Reard of Troutees for consideration to their to the Reard of Troutees for consideration to their represent. The application way be invested at the represent The application way be invested at the Collision. Colorado desiring regular bissinges home. Collision, Colorado desiring regular bissinges home. Accorde France.

A PUBLIC THARING on this application less born scheduled for the 1fitt day of April, 2024 at 6100 p.m., or scheduled for the 1fitt day of April, 2024 at 6100 p.m., or schedule of two Hall, 1010 High States, Collisean, Columb

Newsig Managero, Town Clerk









MOUNTAIN WIRELESS MONTHAIN

927 SALIDA WAY AURORA, CO 80011 303.343.6544

SITE NAME: TOWN OF COLLBRAN

GANDI PARK BROADBAND TOWER

PROJECT:

ADDRESS:

COLLBRAN, CO 81624 5800 PENINSULA RD

# SITE CONTACT:

MELONIE MATOROZZO TOWN OF COLLBRAN 970,487,3751 TOWNMANAGER®TOWNOFCOLLBRAN.US

# SITE ACCESS: PROJECT DESCRIPTION:

INSTALLATION OF A NEW TOWN OF COLLBRAN OWNED 40' RADIO TOWER & STAND-ALONE GENERATOR.

MUST SCHEDULE SITE VISITS, PRIOR TO ACCESSING SITE.

# PROJECT DATA:

MESA COUNTY TOWN OF COLLBRAN 2667-264-000-04 TOWN OF COLLBRAN 1010 HIGH ST. PO BOX 387 COLLBRAN, CO 81624 PUBLIC CCUNTY:
JURISDICTION:
PARCEL NUMBER:
PROPERTY OWNER:
ADDRESS:

BEG 365FTN OF SW COR SEASEA SEC 269 595 WN 598 19FT N 78DEGOB'E 517.78FT S 01DEG16'W 5 41.9FT S 70DEG40'W 453.1FT S 79DEG605'W 68.27FT 10 BEG ZONING DISTRICT: ACREAGE: LEGAL DESCRIPTION:

2018 IBC, 2023 NEC OCCUPANCY TYPE; NUMBER OF STORIES; GOVERNING CODES;

SITE NAME: TOWN OF COLLBRAN

# SHEET LIST:

THE SHEET
SURVEY
OVERALL SITE PLAN
DETAILED SITE PLAN
DIMENSONED SITE PLAN
EXISTING A BOWN NORTH ELEVATIONS
EXISTING A BOWN SERFEA T1 10F1 A1.0 A2.1 A2.2

18168 EAST WEAVER DRIVE AURORA, CO 80016

MM





PROJECT TEAM:

KAREN DIACK NEUCOMM SOLUTIONS NS3.629.0023 KAREN®NEUCOMMSOLUTIONS.COM

# SITE MAP:



GANDI PARK BROADBAND TOWER

PROJECT:

REVISION B 03.04.2024

ISSUE DATE:

ISSUE PHASE:

5800 PENINSULA RD COLLBRAN, CO 81624

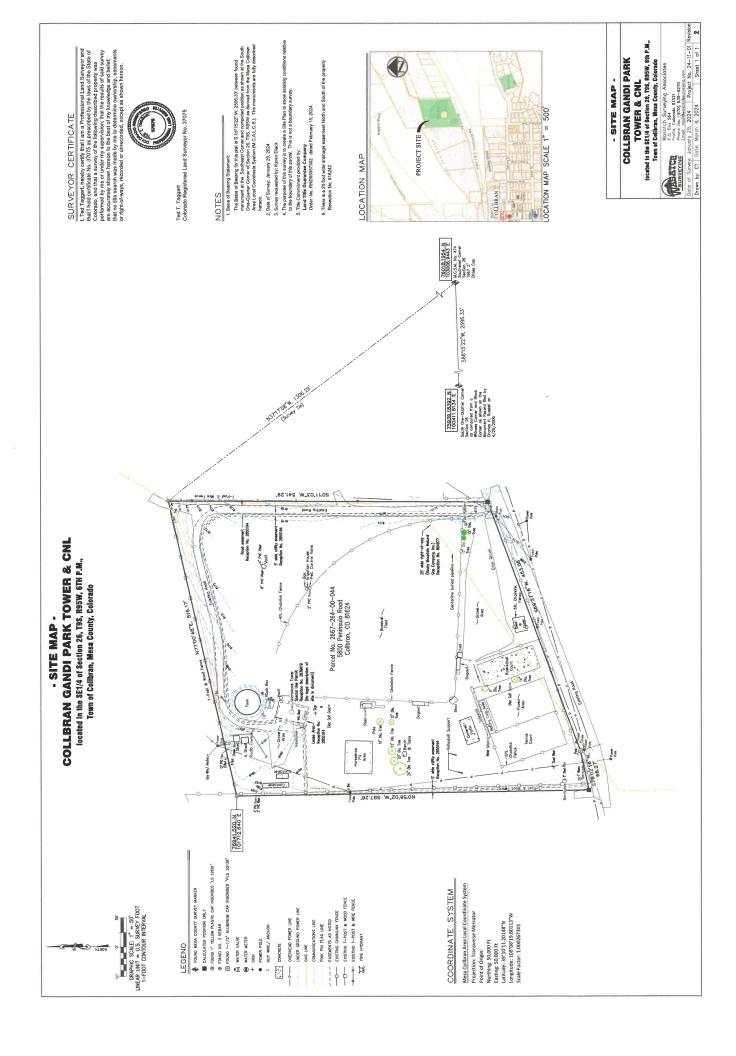
SITE ADDRESS:

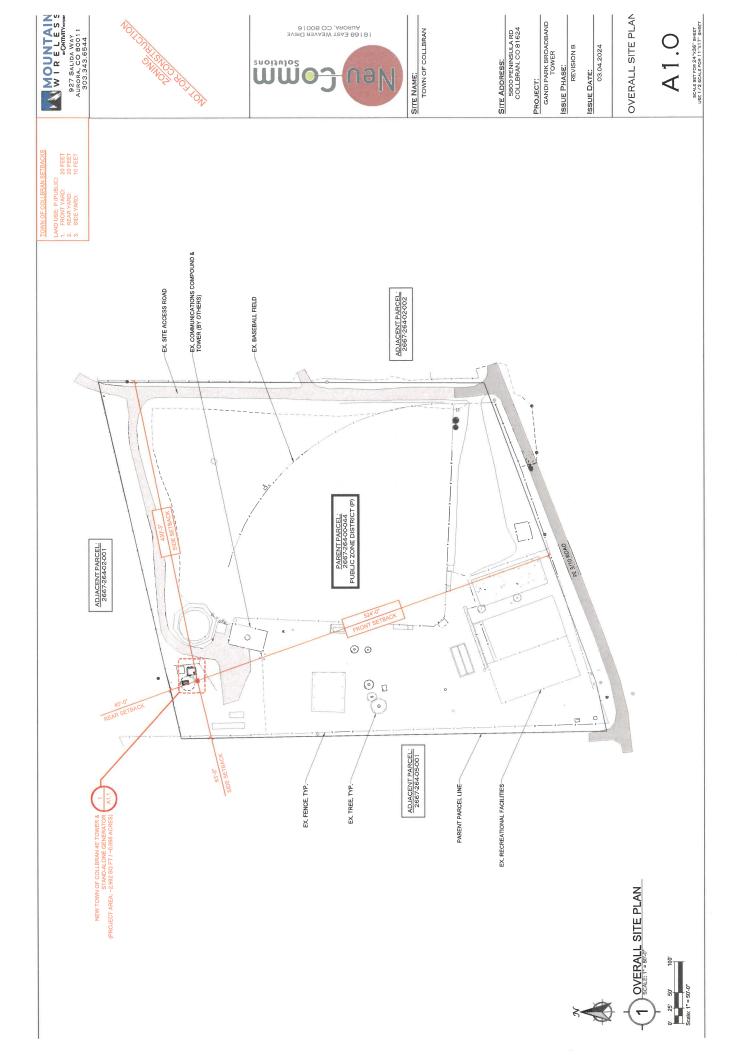
A&E MANAGER: CONSTRUCTION MANAGER:

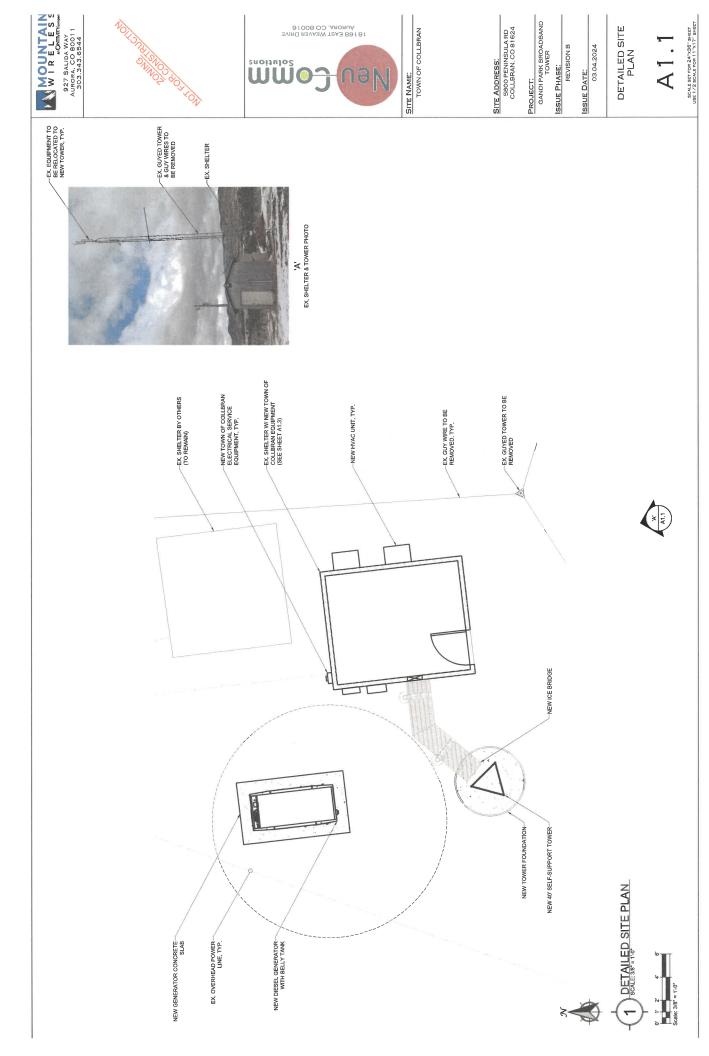
ADAM DAILEY MOUNTAIN WIRELESS 720.255.6089 ADAILEY@MOUNTAINWIRELESS.COM

TITLE SHEET

SCALE SET FOR 24"x36" SHEET JSE 1/2 SCALE POR 11"x17" SHEET











SITE ADDRESS: 5800 PENINSULA RD COLLBRAN, CO 81624

PROJECT: GANDI PARK BROADBAND TOWER

ISSUE PHASE:
REVISION B

ISSUE DATE: 03.04.2024

DIMENSIONED SITE PLAN

-(1) DIMENSIONED SITE PLAN

A1.2

SCALE SET FOR 24"X36" SHEET USE 1/2 SCALE FOR 11"X17" SHEET

12'-2" EX. SHELTER 10'-2" EX. SHELTER 7:-0 "5-'9 5'4" ноплатои .0-.9 (FROM POWER LINE) ~15'-8" 10"-0" SPARK CLEARANCE EX, OVERHEAD POWER LINE-





-NEW WALL MOUNTED HVAC UNIT, TYP.

NEW ICE BRIDGE TO-TOWER

NEW ATS-

NEW (8) HOLE CABLE ENTRY-PORT

NEW ELECTRICAL AC-PANEL

SHELTER LAYOUT

-NEW ISP 19" RACK, TYP.

NEW 4" VERTICAL MANAGEMENT, TYP.

NEW MIDDLE MILE CABINET;

NEW DISCONNECT

NEW SERVICE METER

SITE NAME: TOWN OF COLLBRAN

NEW LADDER RACK, TYP.

SITE ADDRESS: 5800 PENINSULA RD COLLBRAN. CO 81624

PROJECT: GANDI PARK BROADBAND TOWER

ISSUE PHASE:
REVISION B

ISSUE DATE: 03.04.2024

SHELTER LAYOUT

A1.3

SCALE SET FOR 24"X36" SHEET USE 1/2 SCALE FOR 11"X17" SHEET







SITE ADDRESS: 5800 PENINSULA RD COLLBRAN. CO 81624

PROJECT: GANDI PARK BROADBAND TOWER

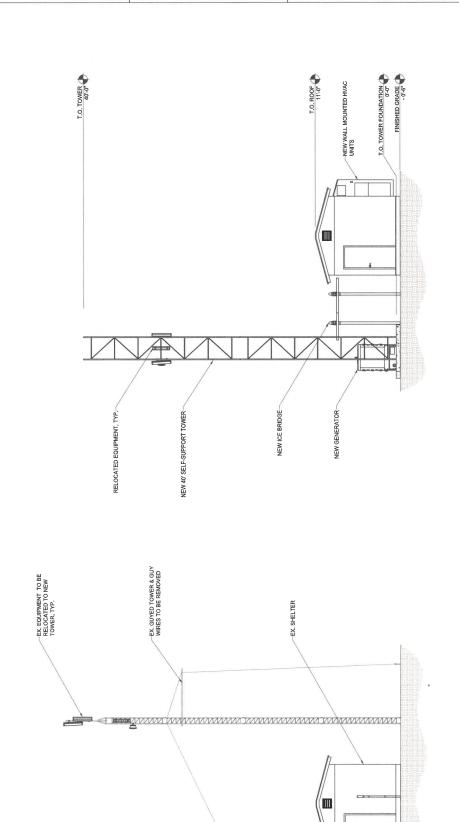
ISSUE PHASE:
REVISION B

ISSUE DATE: 03.04.2024

EXISTING & NEW NORTH ELEVATIONS

A2.1

SCALE SET FOR 24"X36" SHEET USE 1/2 SCALE FOR 11"X17" SHEET





-(2) NEW NORTH ELEVATION



T.O. TOWER





SITE NAME: TOWN OF COLLBRAN

SITE ADDRESS: 5800 PENINSULA RD COLLBRAN. CO 81624

PROJECT:
GANDI PARK BROADBAND
TOWER

ISSUE PHASE:
REVISION B

ISSUE DATE: 03.04.2024

EXISTING & NEW EAST ELEVATIONS

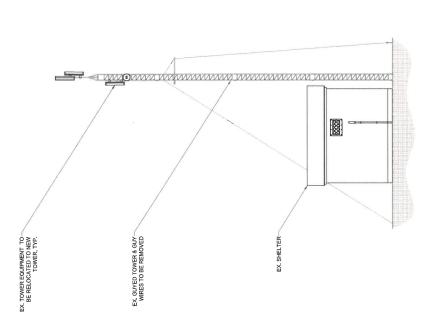
SOUR HAT ELEVATION

SCALE SET FOR 24"X36" SHEET USE 1/2 SCALE FOR 11"X17" SHEET A2.2

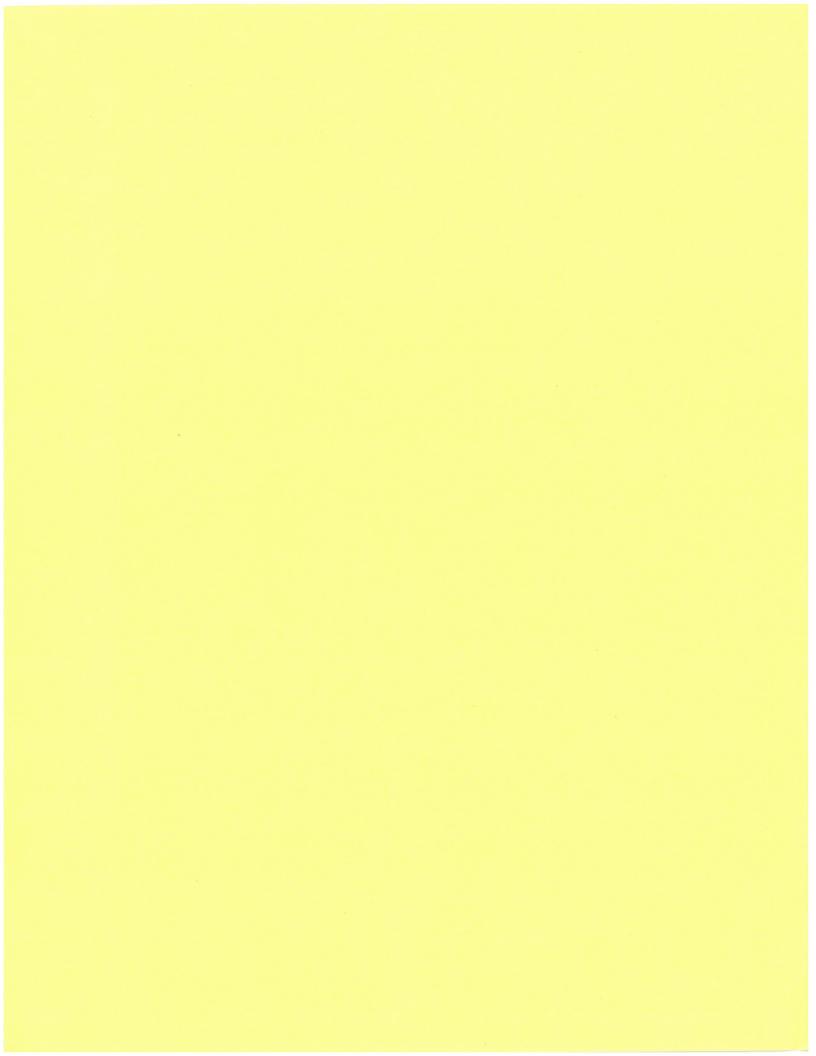
NEW 40' SELF-SUPPORT TOWER RELOCATED EQUIPMENT, TYP. NEW GENERATOR NEW ICE BRIDGE T.O. TOWER FOUNDATION FINISHED GRADE - 0'-6"

CE BRIDGE 8-0

T.O. ROOF









# Project Narrative Name: Terrell Park Subdivision

#### April 9, 2024

#### **Project Information**

**Applicant/Owner:** Andy Azcaragga – 5A Enterprises LLC

**Developer:** Andy Azcaragga

Representative: River City Consultants, Inc. – Courtney Patch

Location:Address TBDParcel No:2667-351-00-066Application:Minor SubdivisionZoning:Residential 1

#### **Project Description:**

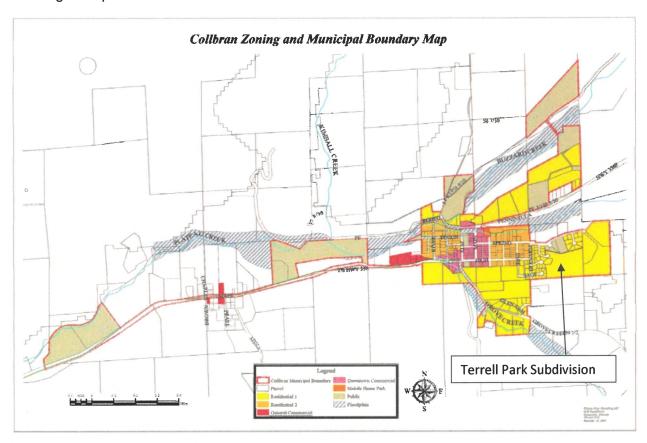
The project proposes to subdivide approximately 12.42 acres, zoned Residential 1, into 42 lots for construction of single-family residential homes. The lot sizes will be approximately 8,000-17,000 square feet.



#### Compatibility with Surrounding Land Uses:

The proposed project is compatible with surrounding land uses. The property is currently zoned Residential 1 with a Land Use by Type of Agricultural. The proposed project is

consistent with existing development in the area. Surrounding parcels are zoned Residential 1. The surrounding area's future land use is Residential Low (4 DU/ acre). The proposed subdivision is compatible with this designation as it meets a density of approximately 3.38 dwelling units per acre.



#### Facilities and Services/Irrigation:

Water will be provided by the Town of Collbran's Water System, please see the detailed Water Report for more information. The subdivision will be served by the Town of Collbran's Wastewater System for sewer, please see the detailed Wastewater Report for more information.

Grand Valley Power will provide electric service to the subdivision and Black Hills Energy will supply gas to the lots. There is an existing 25' pipeline easement that crosses the southeast corner of the property. This is to be vacated and/or relocated based on discussions with Black Hills Energy. Telephone and cable services will be provided by CenturyLink and will be extended to the site. Please see the detailed Utilities Report for more information.

All services will be available for use by the subdivision while maintaining adequate levels of service to the existing surrounding development.

The subject parcel is located within the Plateau Valley Fire District. There are two fire hydrants

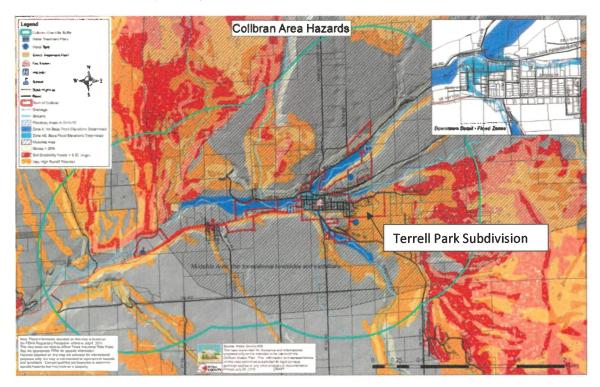
within close proximity to the proposed subdivision. One is near the intersection of Spring Street and Clancy Avenue, and the other is in the cul-de-sac of Oakbrush Circle.

### **Effect on the Natural Environment:**

There are no physical development constraints affecting or any detrimental impacts on the natural environment anticipated as a result of the project.

**Landscaping:** The stormwater drainage basin will be landscaped with a weed-free, native vegetation seed mix. A landscape plan will be provided after the Sketch Plan phase of review.

**Hazards Areas:** The property is located within an area known for high runoff potential.



### Stormwater:

There will be a stormwater detention pond in the northwest corner of the subdivision that will collect all stormwater runoff from the subdivision. The proposed project will include lot grading, paved curb & gutter, double storm drain inlets, storm drain, and a detention pond to collect, convey, and treat stormwater in the proposed condition. Runoff from the developed areas on the interior of the subdivision will sheet flow directly to curb & gutter in the street sections that collect and convey stormwater northwest through the subdivision. Once in the curb and gutter, stormwater is conveyed to curb inlets that then convey the stormwater underground via storm drain to the detention pond. The water will then be released to the existing storm sewer system at its historical rate.

### Access:

Access to the subdivision will be extended from Clancy Avenue. The connecting street will

extend to the east and have a southern street connection that also has another cul-de-sac off it extending to the east. The street running north/south will stub out at the southern part of the subdivision for future connectivity to the parcel south of the project site whenever it is developed. There is a recorded cul-de-sac bulb located at the entrance of the project site on Clancy Ave with ROW that needs to be vacated with the final plat.

### **Development/Phasing:**

Development of this project will begin immediately after approval. No phasing is being proposed for this subdivision.





PROPOSED
ZONING SUMMARY
Zoning Re-1
Min Lot Ster 6.250 FT
Min Lot Width: 40 FT
Min Lot Translage 20 FT
Min Schooles
Front; 15° FT

Reor: 10 FT Side: 5 FT Mox Height (Building): 35 FT

Max Lot Coverage: 70%

\*15 feet from the right-of-way or 20 feet from the sidewolk. Whichever is greater.

## SITE BREAKDOWN

10.188 ac 82.1 2.002 ac 16.1% 0.224 ac 1.8% 12.358 ac 100.0%	
10.188 2.002 0.224 12.358	0.097 ac
ots (42) (Residential Single Family) ract A (Drainage – HOA) (laht of Way	light of Way (to be vacated)
ract	Ę.



PROJECT LOCATION MAP

### UTILITY CONTACTS

LEGEND

1								
UILLITCONIACIO	Sewer – Town of Collbran Contact970–985–0245	Water - Town of Collbran Contact970-985-0245	Electric – Grand Valley Power Contact970–242–0040	Gas - Black Hills Energy Contact970-808-5042	Phone — CenturyLink Contact970—244—2626	Cable — Dish Network Contact	Irrigation — Collbran Conservancy District Contact970—487—3306	

# Terrell Park Subdivision

# 2667-351-00-066

Collbran, Colorado 81624

# CONSTRUCTION PLANS

Prepared for:

# 5A INVESTMENTS, LLC

### INDEX OF SHEETS Sheet No. Description



TIVER CITY

PROJECT OVERVIEW

SURVEY: RIVER CITY CONSULTANTS, INC.

Alec Tromas 215 Pitkin Ave, # 101 Grand Junction, CO 81501 970.241.4722 athomas@rccwest.com

CIVIL:
RIVER CITY CONSULTANTS, INC.
Jeff Mace
215 Pitkin Ave. # 201
Grand Junction, CO 81501
970,241,4722
jmace@rcwest.com

DESIGN TEAM CONTACTS

OMNEKDEVELOPER: 5A INVESTMENTS, LLC Andy Azcaraga 970,245,3521 andy.maconcrete@gmail.com

# LIST OF ABBREVIATIONS

olog	Winimum	-Purpose Easement	h:	hing Coordinate	to Scale	osed	ns	forced Concrete Pipe	t of Way	ice	walk	ol	ss Noted Otherwise	ical Curb & Gutter	Vertical Curb, Gutter, & Sidewalk	ar Meter	la control of
ğ	Mini.	Met	Mete	Nort	Š	Prop	Rod	Rei	Righ	Se	Side	Tyo.	Š	Ş	Vert	Wate	Wate
Ī	Z X	MPE	MTR	z	NTS	8	œ	8	Row	SVC	λS	٤	ON N	VC&G	VCGS	W	WTR
regate base course		ding	b, Gutter & Sidewalk	ter Line OR Class	ting Coordinate	Electric, Gas, Telephone, Cable	ration	ctric	e of Asphalt	ement	sting	ed End Section	Hydrant	w Line	Irrigation	intable Curb & Gutter	untable Curb. Gutter. & Sidewalk
ğ	Acr	Bai	ð	Š	Eos	E	Ele	Ē	ĘĞ	Egg	Ë	F	Fire	Ę	<u>I</u>	3 Mol	Mod
ABC	AC	BLDG	SS	ರ	ш	EGTC	ᆸ	ELEC	EOA	ESMT	Ě	FES	Æ	4	RR	MC&C	MCGS

Terrell Park Subdivision
Cover Sheet

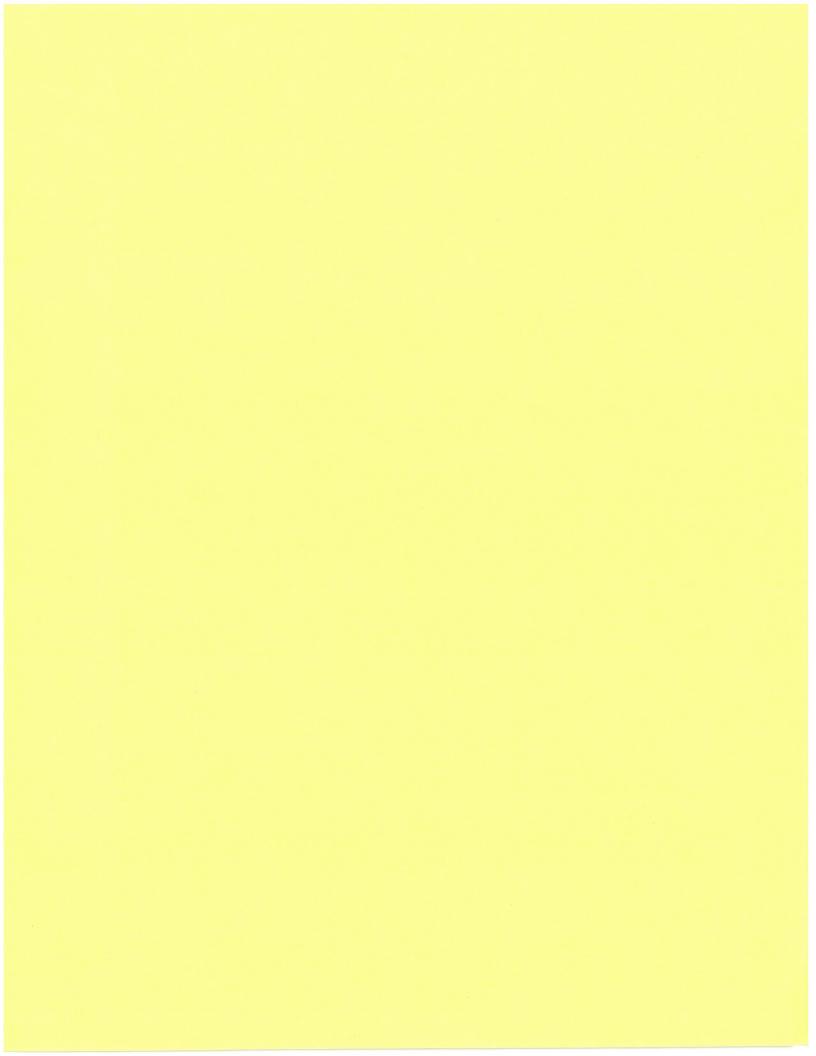
SA INVESTMENTS, LLC

Survey Monuments - Cap/Rebar Existing/Prposed Manholes Area inlet/Curb inlet/FES Utility Pedestal/Transform Decid Tree/Conif Tree Fire Hydrant/Blowoff Jtilty Pole/Guy Wire Valve/Thrustblock Θ | X 🗀 Ø @ **=** Proposed Lot Line Proposed Right of Way Proposed Storm Drain Line Proposed Sanitary Sewer Line Proposed Water Line

Proposed Asphalt Proposed Concrete Concentrated Flow Direction

CJ





# 2024 ALLEY SANITARY SEWER REPLACEMENT TOWN OF COLLBRAN CO COLLBRAN, CO APPIL 2024

PROJECT LOCATION

STATE OF COLORADO

COVER SHEET
GENERAL NOTES
LEGEND
REMOVALS
SANITARY SEWER PLAN & PROFILE
STANDARD DETAILS

INDEX OF SHEETS



VICINITY MAP

**PRELIMINARY** 

1601 RIVERFRONT DRIVE, SUITE 204 GRAND JUNCTION, CO 81501 PH: 970.450.7474 www.kijeng.com

TOWN OF COLLBRAN 1601
COLLBRAN, CO 81624
PH; 970,487,3751
FAX: 970,487,3380
ADMIN@TOWNOFCOLLBRAN,US

KLJ PROJECT NO. 2404-00219-02

### PROJECT CONTACTS

1. OWNER: TOWN OF COLLBRAN

ATTN: MELONIE MATAROZZO

PHONE: (970) 487-375;

EMAIL: townmanager@townofcollbran.us

2. ENGINEER: KLJ ENGINEERING

ENGINEER OF RECORD: JASON REIMER, PE

PHONE: (970) 567-9396

jason.reimer@kljeng.com EMAIL:

# PROJECT STANDARDS AND SPECIFICATIONS

- 1. UNLESS NOTED OTHERWISE, THE CITY OF GRAND JUNCTION STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC IMPROVEMENTS (DATED JULY 2010) CONTROL CONSTRUCTION OF THIS PROJECT UNLESS OTHERWISE NOTED OR SHOWN IN THE PLANS.
- 2. THE CONTRACTOR SHALL HAVE IN THEIR POSSESSION AT ALL TIMES HARD COPIES OF THE PROJECT DRAWINGS AND ALL REFERENCE DESIGN STANDARDS AND SPECIFICATIONS
- 3. ORDER OF PRECENDENCE IN CASE OF CONFLICT BETWEEN THE DRAWINGS, SPECIFICATIONS, OR OTHER DOCUMENTS. THE ORDER OF PRECENDENCE SHALL BE: (1) PROJECT PLANS; (2) GENERAL NOTES; (3), THE CITY OF GRAND JUNCTION STANDARDS AND SPECIFICATIONS; AND (4) CDOT STANDARD DETAILS AND SPECIFICATIONS.

# REQUIRED NOTIFICATIONS AND SUBMITALS

- 1. THE CONTRACTOR SHALL NOTIFY THE OWNER OF UTILITY SERVICE OUTAGE AT LEAST 48 HOURS PRIOR TO DISRUPTION OF SERVICE. ALL SERVICE OUTAGES MUST BE APPROVED BY THE OWNER PRIOR TO DISRUPTION OF SERVICE AND MAY REQUIRE WORKING ATYPICAL HOURS IN ORDER TO AVOID DISRUPTING SERVICE DURING DAYTIME HOURS.
- THE CONTRACTOR SHALL NOTIFY THE OWNER OF ALL STREET CLOSURES AND EXISTING FIRE HYDRANTS TO BE TAKEN OUT OF SERVICE AT LEAST 48 HOURS PRIOR TO IMPLEMENTATION OF THE CLOSURE
  - THE CONTRACTOR SHALL VERIFY ALL FIELD DIMENSIONS AND ELEVATIONS PRIOR TO START OF DEMOLITION OF
- 4. CONTRACTOR SHALL SUBMIT ANY CHANGE OR DEVIATION FROM THE PROJECT PLANS TO THE ENGINEER FOR EXISTING FACILITIES.
- . CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS AND/OR MANUFACTURER'S TECHNICAL LITERATURE FOR ALL PROPOSED MATERIALS TO BE INCORPORATED INTO THE PROJECT. THESE SHALL BE APPROVED IN WRITING BY THE APPROVAL PRIOR TO CONSTRUCTION

OWNER OR ENGINEER PRIOR TO ORDERING AND PLACEMENT/CONSTRUCTION.

- THE CONTRACTOR SHALL RECORD PRECISE LOCATIONS AND ELEVATIONS OF ANY VARIATIONS FROM THE DESIGN ON "AS-BUILT" PLANS SHOWING THE LOCATIONS AND DIMENSIONS OF ANY ELEMENT OF THE PROJECT THAT IS NOT INSTALLED AS DESIGNED, AND SHALL PROVIDE THAT INFORMATION TO THE OWNER PRIOR TO RELEASE OF FINAL
- THEIR ACCEPTANCE OF THE MATERIAL AND ANY CONDITIONS FOR USE OF THEIR SITE. FOLLOWING PROJECT COMPLETION, THE OWNER WILL ALSO REQUIRE WRITTEN VERIFICATION FROM THE PROPERTY OWNER THAT THESE PROJECT AREA. IF MATERIÁLS ARE BEING TAKEN TO ANYWHERE BESIDES A REGISTERED LANDFILL OR GREEN WASTE FACILITY, CONTRACTOR SHALL PROVIDE WRITTEN AGREEMENTS FROM RECEIVING PROPERTY OWNER INDICATING PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL IDENTIFY DISPOSAL SITES FOR ANY MATERIALS LEAVING THE CONDITIONS WERE MET BEFORE RETAINAGE IS RELEASED.
- 8. SHOULD HAZARDOUS MATERIALS BE ENCOUNTERED ON THE SITE, CONTRACTOR SHALL LEAVE SUCH MATERIALS UNDISTURBED AND SHALL CONTACT THE OWNER FOR DIRECTION REGARDING HANDING AND DISPOSAL OF THE MATERIALS.

### **GENERAL NOTES**

- THE CONTRACTOR SHALL HAVE FULL AND COMPLETE RESPONSIBILITY FOR JOB-SITE SAFETY AND SHALL PERFORM ALL WORK IN CONFORMANCE WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REGULATIONS.
- 2. THE CONTRACTOR SHALL PERFORM THE WORK IN CONFORMANCE WITH ALL FEDERAL, STATE, AND LOCAI ORDINANCES, REGULATIONS, AND LAWS
- 3. LOCATION OF ALL EXISTING UTILITIES (PUBLIC OR PRIVATE) SHALL BE IDENTIFIED OR VERIFIED BY THE CONTRACTOR

PRIOR TO CONSTRUCTION OF PROJECT COMPONENTS. FOR INFORMATION CONTACT: UTILITY NOTIFICATION CENTEF OF COLORADO (UNCC, 811) AND LOCAL UTILITY OWNERS, AS NECESSARY. THE CONTRACTOR SHALL BEAR THE FULL COST OF REMOVAL, REPLACEMENT, AND DELAY RELATED TO UNVERIFIED EXISTING UTILITIES.

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- 4. THE POTENTIAL EXISTS FOR UNKNOWN UTILITIES NOT MARKED ON THE PLANS TO BE PRESENT WITHIN THE PROJECT AREA, THE ENGINEER SHOULD BE NOTIFIED IF SUCH UTILITIES ARE ENCOUNTERED
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES THROUGHOUT CONSTRUCTION. ANY UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR PRE-PROJECT CONDITION AT THE CONTRACTOR'S
- 6. DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING NEWLY THE RESPONSIBILITY FOR LOCATING UTILITIES WILL BECOME THAT OF THE OWNER FOLLOWING FINAL ACCEPTANCE. INSTALLED UTILITIES FROM DAMAGE WITHIN THE PROJECT AREA.

NOISIAN

- EVALUATE THE SURFACE AND SUBSURFACE PHYSICAL CONDITIONS OF THE SITE IN ORDER TO PERFORM THE WORK UNDER THE CONDITIONS THAT EXIST ON THE SITE, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. GOVERNING ENTITIES; EXAMINE THE SITE; MAKE TESTS AND PERFORM EXPLORATIONS DEEMED NECESSARY TO 7. THE CONTRACTOR SHALL FAMILIARIZE THEMSELEVES WITH LOCAL CONDITIONS; THE SPECIFICATIONS OF THE
- 뿔 8. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THE WORK SHOWN ON THE PLANS OR DESCRIBED IN THE SPECIFICATIONS IN A MANNER SATISFACTORY TO THE OWNER. UNLESS STATED OTHERWISE, T CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, TOOLS, LABOR, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.
- 9. IN SOME CASES, THERE ARE AREAS OF THE SITE DEPICTED ON MORE THAN ONE PAGE OF THE PLANS AND ALL IMPROVEMENTS ARE NOT DEPICTED ON EVERY PAGE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL PLAN SHEETS AND SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH TO FAILURE TO REVIEW ALL PLAN SHEETS.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCEPTANCE AND CONTROL OF ALL SURFACE AND SUBSURFACE DRAINAGE AND GROUNDWATER ENTERING THE PROJECT AREA. UNLESS A BID ITEM IS PROVIDED, CONTRACTOR IS RESPONSIBLE FOR PROVIDING DEWATERING IF NEEDED AT NO ADDITIONAL COST TO THE PROJECT. DEWATERING METHODS SHALL BE APPROVED BY THE OWNER OR ENGINEER, THE CONTRACTOR SHALL OBTAIN A CDPHE CONSTRUCTION DEWATERING PERMIT FOR ALL CONSTRUCTION ACTIVITIES WHEN NECESSARY.
- EXTRA WORK ÜNDERTAKEN BY THE CONTRACTOR WITHOUT A SIGNED CHANGE ORDER SHALL BE DEEMED TO HAVE BEEN UNDERTAKEN FOR THE CONTRACTOR'S CONVENIENCE AND SHALL NOT BE ELIGIBLE FOR EXTRA COMPENSATION. 11. A CHANGE ORDER SIGNED BY THE OWNER IS REQUIRED TO QUALIFY ANY EXTRA WORK FOR EXTRA PAYMENT. ANY
  - 12. PROJECT ACCESS AND STAGING SHALL BE RESTRICTED TO THE LIMITS OF DISTURBANCE AND EASEMENT AREAS IDENTIFIED ON THE PLANS. ALL ACCESS SHALL BE FROM OWNER PROPERTY OR RIGHT-OF-WAY UNLESS SPECIFICALLY NOTED OR APPROVED OTHERWISE.

REPLACEMENT

- ADJACENT TO STRUCTURES. CONCRETE, OR ASPHALT TO REMAIN, IT SHALL BE CUT FULL DEPTH TO A NEAT LINE. WHERE EXISTING ASPHALT PAVEMENT, CONCRETE PAVEMENT, OR CONCRETE SIDEWALK IS TO BE REMOVED CONCRETE REMOVALS SHALL BE TO THE NEAREST TOOL JOINT UNLESS NOTED OTHERWISE.
- ACCORDANCE WITH APPLICABLE WASTE HANDLING AND DISPOSAL LAWS. THE COST FOR HAULING AND DISPOSAL OF REMOVED MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE FOR THE RELATED BID ITEM UNLESS SPECIFICALLY NOTED THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL MATERIALS REMOVED FROM THE SITE IN

GENERAL NOTES I

соггввум, со

SANTIARY SEWER
TOWN OF COLLBRAN

- THE POTENTIAL EXISTS FOR BURIED RUBBLE (ASPHALT, CONCRETE, DEBRIS, ETC) TO BE ENCOUNTERED WITHIN PROJECT EXCAVATIONS. IF ENCOUNTERED, THESE MATERIALS SHALL BE SEGREGATED FROM EXCAVATED SOILS AND DISPOSED OF AT THE LOCAL LANDFILL.
- BURNING OF REMOVED MATERIAL WILL NOT BE ALLOWED WITHIN THE PROJECT AREA. SHOULD BURNING BE UTILIZED FOR CLEARING AND GRUBBING OPERATIONS OFF-SITE. THE BURN OPERATION SHALL BE PERMITTED WITH THE LOCAL FIRE DISTRICT AND THE COLCRADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT PRIOR TO IMPLEMENTATION. BURNING OPERATIONS SHALL TAKE PLACE UNDER THE CONSTANT CARE OF THE CONTRACTOR AND SHALL BE EXTINGUISHED DURING OFF-WORK HOURS.

2

2024 ALLEY

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3. REPAIR OF CONTRACTOR DAMAGED PRIVATE SPRINKLER SYSTEMS WITHIN AND ADJACENT TO THE PROJECT AREA SYSTEM MODIFICATION V

ALL EXISTING IRRIGATION MAINTAIN THE SYSTEM'S

- SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL RESTORE THE DAMAGED IRRIGATION SYSTEM TO PRE-CONSTRUCTION CONDITION AT CONTRACTOR'S EXPENSE. CONTRACTOR SHALL VERIFY THE CONDITION OF EXISTING SPRINKLER SYSTEMS WITH A REPRESENTATIVE OF THE PROPERTY OWNER AND THE ENGINEER PRIOR TO CONSTRUCTION.
- USE. THIS INCLUDES, AT A MINIMUM, DECORATIVE ROCK, LANDSCAPE FABRIC, SOD, AND SEED MIXES AS APPLICABLE. 4. ALL MATERIALS USED FOR LANDSCAPING AND SITE RESTORATION MUST BE APPROVED BY THE ENGINEER PRIOR TO

### DRY-UTILITIES

TELECOMMUNICATIONS, CABLE COMMUNICATIONS, AND POWER UTILITIES WITHIN THE PROJECT AREA THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS. PAYMENT FOR UTILITY RELOCATION WILL BE PAID FOR ACCORDING TO THE PROJECT BID FORM. 1. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF NATURAL GAS,

### KLJ Project #2404-00219-02 Sanitary Sewer Replacement **Opinion of Probable Costs** Collbran, Colorado

	Estimated Quantity Unit	71 LF	273 LF	20 SY	100 CY	211 LF	3 EA	2 EA	1 EA	1 EA	8 TONS
	Es Contract Item Long Description	Removal of Pipe	Cut Asphalt Pavement	Removal of Asphalt	Unclassified Excavation	4-inch Sewer Service Pipe SDR 35	4-inch wye (service connections)	4-inch 45-degree elbow	4-inch x 4-inch Sewer Service Tap	Connect to Existing Manhole (4" pipe)	Hot Mix Asphalt (Patching)(3" thick)
Base Bid	Contract Item No.	н	2	3	4	2	9	7	∞	6	10

Contract Item No.			
	Contract Item Long Description	Estimated Quantity	Unit
н	Removal of Pipe	71	5
2	Cut Asphalt Pavement	273	Ŧ
8	Removal of Asphalt	20	λ
4	Unclassified Excavation	100	Շ
r2	4-inch Sewer Service Pipe SDR 35	211	5
9	4-inch wye (service connections)	c	EA
7	4-inch 45-degree elbow	2	EA
∞	4-inch x 4-inch Sewer Service Tap	1	EA
6	Connect to Existing Manhole (4" pipe)	1	EA
10	Hot Mix Asphalt (Patching)(3" thick)	00	TON

- CONTRACTOR SHALL USE VIBRATORY ROLLERS ON GRANULAR MATERIALS AND SHEEPSFOOT ROLLERS ON COHESIVE SOILS. SHEEPSFOOT ROLLER SHALL BE OF SIMILAR COMPACTIVE EFFORT TO A CAT CP74 OR LARGER.
- MAXIMUM COMPACTED LIFT THICKNESS FOR ALL SOILS SHALL BE 8 INCHES UNLESS APPROVED OTHERWISE.
- THOROUGHLY) ALL BACKFILL MATERIALS PRIOR TO PLACEMENT. WATERING OF LOOSE BACKFILL AFTER IT HAS BEEN PLACED IS PROHIBITED. MOISTURE CONDITIONING OPERATIONS FOR IMPORTED BACKFILL SHALL TAKE PLACE OUTSIDE 3. CONTRACTOR SHALL THOROUGHLY MOISTURE CONDITION (BY WETTING OR DRYING AS NEEDED AND MIXING OF THE PROPOSED FOOTPRINT UNLESS APPROVED OTHERWISE.
- ALL EXCAVATION WORK SHALL BE IN ACCORDANCE WITH STATE AND FEDERAL OSHA REGULATIONS.
- CONTRACTOR SHALL PROTECT EXISTING UTILITIES NEAR EXCAVATIONS DURING CONSTRUCTION. EXCAVATIONS NEAR EXISTING PIPES AND UTILITIES SHALL BE PERFORMED USING HAND TOOLS IN ORDER TO PREVENT DAMAGE.
- PRECIPITATION RUNOFF AND CONSTRUCTION WATER SHALL BE CONTROLLED SUCH THAT WATER IS NOT ALLOWED TO ACCUMULATE IN THE EXCAVATIONS, IN PAVEMENT AREAS, OR BASE COURSE LAYERS. PONDED WATER SHOULD BE REMOVED AND ANY BEARING SOILS THAT BECOME SATURATED OR SOFTENED REMOVED AND REPLACED PRIOR TO PLACEMENT OF OVERLYING FILL, CONCRETE OR PAVEMENTS.
  - 7. ALL EXCAVATED MATERIALS NOT APPROVED FOR RE-USE, LOOSE SOILS, SOFT SOILS, ORGANIC MATERIALS, DEBRIS, FROZEN SOIL, ICE, AND OTHER DELETERIOUS MATERIALS SHOULD BE REMOVED FROM EXCAVATIONS PRIOR TO PLACEMENT OF OVERLYING FILL, CONCRETE, OR PAVEMENTS.
- 8. IF UNSTABLE GROUND IS ENCOUNTERED IN TRENCHES, 1.5" TRENCH STABILIZATION ROCK MAY BE USED TO STABILIZE THE BOTTOM OF THE TRENCH PRIOR TO INSTALLATION OF PIPELINES WHERE APPROVED BY THE ENGINEER. PAYMENT WILL BE MADE BY THE TON OF ROCK ACCORDING TO THE BID FORM AND SHALL INCLUDE THE OVEREXCAVATION AND REMOVAL OF UNSUITABLE MATERIAL
- EXCESS SPOILS FROM TRENCH EXCAVATIONS MAY BE USED TO CONSTRUCT EMBANKMENTS PER THE PROJECT PLANS. ONCE EMBANKMENTS ARE CONSTRUCTED, ALL REMAINING EXCESS SPOILS SHALL BE PLACED AND COMPACTED PER THE EMBANKMENT SPECIFICATION WITHIN THE EXCESS SPOILS AREA DESIGNATED ON THE PLANS ORE REMOVE AND DISPOSE OF OFF-SITE BY THE CONTRACTOR

## TRAFFIC CONTROL AND STRIPING

- 1. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
- CONDITIONS; THE ROADS MUST BE RE-OPENED TO ALL TRAFFIC FOR ANY GAPS IN ACTIVE WORK GREATER THAN 72 2. EXISTING ROADS MAY BE CLOSED TO THROUGH TRAFFIC DURING ACTIVE WORK SUBJECT TO THE FOLLOWING OTHERWISE BY THE OWNER. HOURS UNLESS APPROVED
- DISRUPTION TO THE TRAVELED WAY THROUGHOUT CONSTRUCTION, THE CONTRACTOR WILL NOT BE ALLOWED TO SHUT OFF ACCESS TO ANY PROPERTY UNLESS REQUIRED FOR DRIVEWAY CONSTRUCTION OR OPEN TRENCHES IN ACTIVE WORK AREAS, IN WHICH CASE, THE SHUTOFF MUST BE COORDINATED WITH THE PROPERTY OWNER OR THE CONTRACTOR SHALL PROVIDE AND MAINTAIN PUBLIC AND PRIVATE ACCESS DRIVES FROM THE POINT OF ALTERNATE ACCESS PROVIDED.

### SITE RESTORATION

- THAN EXISTING CONDITIONS PRIOR TO DISTURBANCE OR AS SPECIFICALLY SHOWN ON THE PLANS. REQUIREMENTS 1. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DISTURBED AREAS TO A CONDITION EQUAL TO OR BETTER SPECIFIC TO MAIN RESTORATION ELEMENTS ARE SUMMARIZED BELOW:
- STOCKFILED TOPSOIL OVER TOP OF ROAD EMBANKMENTS AND EXCESS SPOIL FILL AREAS FOLLOWING FINAL a. TOPSOIL RE- USE: STRIP, SEGREGATE, AND RE-USE TOPSOIL TO THE EXTENT PRACTICABLE. REPLACE ALI GRADING.
- b. PRIVATE LAWNS: REPLACE PRIVATE GRASS LAWNS WITH SOD AND NOTIFY LANDOWNERS TO ENSURE THE SOD IS WATERED AND WILL TAKE. SEE NOTE BELOW REGARDING SPRINKLERS
- c. IRRIGATED FARMLANDS: RESTORE IRRIGATED FARMLANDS BY RE-ESTABLISHING ORIGINAL GRADE, REPLACING TOPSOIL, AND RE-ESTABLISHING IRRIGATION FURROWS/IRRIGATION DITCHES
- d. UPLAND AREAS: GRADE SMOOTH, RESTORE TOPSOIL, AND SEED DRILL WITH A NATIVE SEED MIX MATCHING THE SURROUNDING VEGETATION
- e. WETLAND AREAS: DISTURBANCES TO WETLANDS AREAS ARE PROHIBITED.

LEGEND & ABBREVIATIONS	N
COLLBRAN, CO	
TOWN OF COLLBRAN	
2024 ALLEY SANTIARY SEWER REPLACEMENT	

(KL)		NOISIA	5H	3TAQ	SO DRAWTED PJWW REVENSED JSR	PROJECT NUMBER 2404-00219-02 ISSUI DATE 03/2024	EPLACEMENT 5
POINT ON CURVE POINT ON TANGENT POWER POLE POINT OF REVERSE CURVATURE	PRESSURE REDUCING VALVE POINT OF TANGENCY POINT OF VERTICAL INTERSECTION	RENYORCED CONCRETE END SECTION RENYORCED CONCRETE PIPE ROADWAY RAILROAD RIGHT RIGHT-OF-WAY	SALVAGE SANTARY SANTARY SUPERLEVATION SECTION SOURRE FEET SHOULDER	STOPPING SIGHT DISTANCE SECTION LINE SPECIFICATION STATION	STANDARD STRUCTURE SURVEY SUBEWALK SOUARE YARD	TANGENT TOP OF ASPHALT TOP BACK OF CURB TOP OF CONCRETE TELEPHONE	TEMPORARY THEORERICAL TOP OF PAVEMENT TRAFFIC VITRICAL CURVE VITRIED CLAY PIPE WATER MAIN WATER MAIN WATER VALVE CROSS SECTION
POC PP PRC	PR P P	RCES RCP RDWY RR RT RW ROW	SALV SAN SE SEC SF SHLDR	SSD SECLINE SPEC STA	STD STRUCT SURV SW SY	T T TBC	TEMP THEOR TR VC VCP VERT WW WW

TEM	PROPOSED		1 1 1 1 1	- N			E(0)	3	_ x x	-00-	‡ ‡		+	FO	9		FM			<- << · << · <		-	< < < · <	T(0)	Т			END SECTION
* o = b +	ITEM	ASPHALT EDGE	BUILDING CANOPY	CABLE TV - UNDERGROUND	CENTERLINE	CONSTRUCTION LIMITS	ELECTRICAL - OVERHEAD	ELECTRICAL - UNDERGROUND	FENCE - BARBED WIRE	FENCE - CHAINLINK	FENCE - PLASTIC, VINYL	FENCE - WOOD	FENCE - WOVEN WIRE	FIBER - UNDERGROUND	GAS - UNDERGROUND	GRAVEL EDGE	SANITARY SEWER FORCE MAIN	SANITARY SEWER SERVICE LINE	SANITARY SEWER (LESS THAN 24")	SANITARY SEWER (24" OR MORE)	STORM SEWER EDGEDRAIN	STORM SEWER (LESS THAN 24")	STORM SEWER (24" OR MORE)	TELEPHONE - OVERHEAD	TELEPHONE - UNDERGROUND	WATER SERVICE LINE	WATER MAIN	
	EXISTING			77			E(0)		*	0 0	= =			FO								TS	ST	T(0)	1			
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SANITARY MANHOLE
SANITARY FORCEMAIN MANHOLE
SANITARY MANHOLE W. VALVE

CATHODIC TEST STATION
TRACER WIRE ACCESS BOX

WATER MANHOLE

VERTICAL BEND

COUPLER

SPRINKLER HEAD

X B D B

WATER METER

CLEANOUT
STORM SEWER MANHOLE
CURB INLET

CATCH BASIN POWER POLE

LEGEND

PROPOSED

FIRE HYDRANT

**EXISTING** 

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LEGEND

GATE VALVE
CURB STOP
YARD HYDRANT
BEND
TEE
CROSS
REDUCER

END SECTION	EASEMENT	EXISTING	EXCAVATION	FLARED END SECTION	FINISHED FLOOR	FINISHED GRADE	GRAVEL	HIGH DENSITY POLYETHYLENE PIPE	HORIZONTAL	HIGH POINT	HYDRANT	INSTALL	INVERT	JUNCTION BOX	LENGTH	LINEAR OR LINEAL FEET	LONGITUDINAL	LOW POINT OR LIGHT POLE	LUMP SUM	LEFT	MAXIMUM	MATCH EXISTING	MANHOLE	MINIMOM	POLYVINYL CHLORIDE PIPE	PLAN & PROFILE	POINT OF CURVATURE	POINT OF COMPOUND CURVE	POINT OF INTERSECTION	POST INDICATOR VALVE	1
ES	ESMT	Ä	EXC	FES	¥	FG	GR	HDPE	HORZ	랖	HYD	INST	<u>N</u>	AB B	_	4	LONG	٩.	rs	П	MAX	ME	M	MIN	PVC	P&P	S	PCC	₫	ΡIΛ	1 1 1
ASPHALT CEMENT	AGGREGATE	AHEAD	APPROXIMATE OR APPROXIMATELY	AIR RELEASE VALVE	ASPHALT	BITUMINOUS	BACK	BENCH MARK	BUILDING	CURB & GUTTER	CAST IRON	CENTERLINE	CORRUGATED METAL END SECTION	CORRUGATED METAL PIPE	CONTROL POINT	CORRUGATED PLASTIC PIPE	CONSTRUCTION	CONCRETE	COUPLING	CURB STOP	CUBIC YARD	DEGREE OF CURVATURE	DITCH BLOCK	DEFLECTION	DITCH GRADE	EACH	ELEVATION	ELECTRIC	EMBANKMENT	EQUATION	
AC	AGGR	AHD	APPROX	ARV	ASPH	BIT	æ	BM	BLDG	C&G	ច	გ	CMES	CMP	g O	CPP	CONST	CONC	CPLG	SS	Շ	۵	90	DEFL	DG	EA	日	ELEC	EMB	g	
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FUEL DISPENSER UTILITY MARKER

GAS MANHOLE

TREES CONIFEROUS/ DECIDUOUS

BUSH/SHRUB

GAS VENT PIPE

<u>⊚</u>⊝ = **4 4 9** 0

ELECTRICAL OUTLET/PLUG-IN
ELECTRICAL MANHOLE
TELEPHONE MANHOLE
TELEPHONE PEDESTAL
CABLE TV PEDESTAL
FIBER OPTIC PEDESTAL

ELECTRICAL JUNCTION (PULL BOX)
ELECTRICAL BOX

ELECTRICAL PEDESTAL ELECTRICAL METER

LIGHT POLE

**GUY WIRE** 

BENCHMARK
PIPE CAP
MAIL BOX
PROPERTY PIN

SIGN CONTROL POINT

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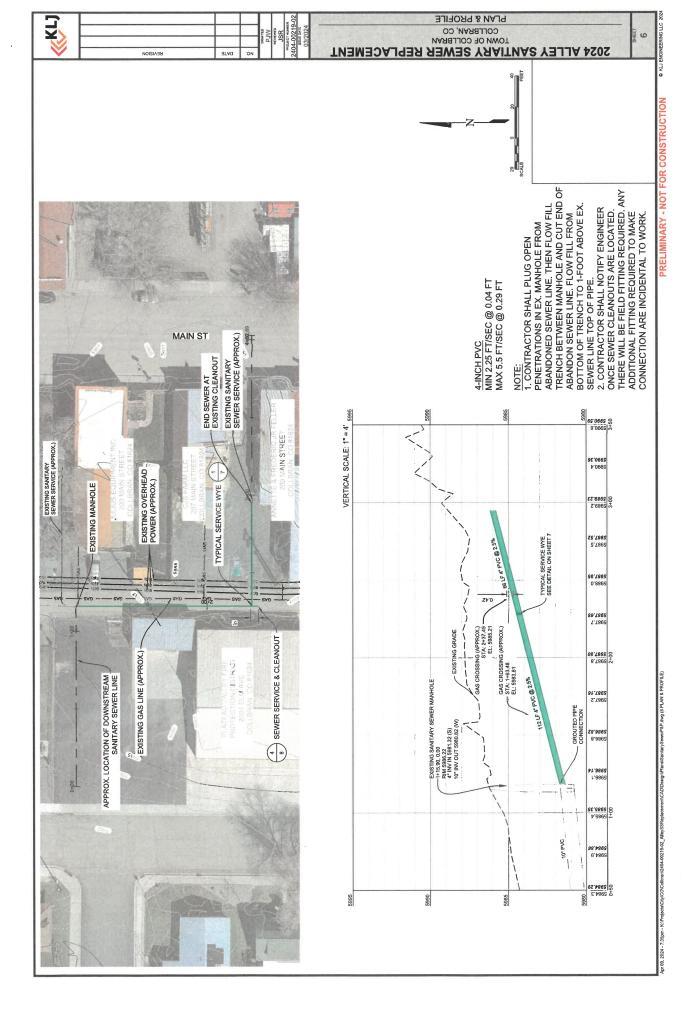


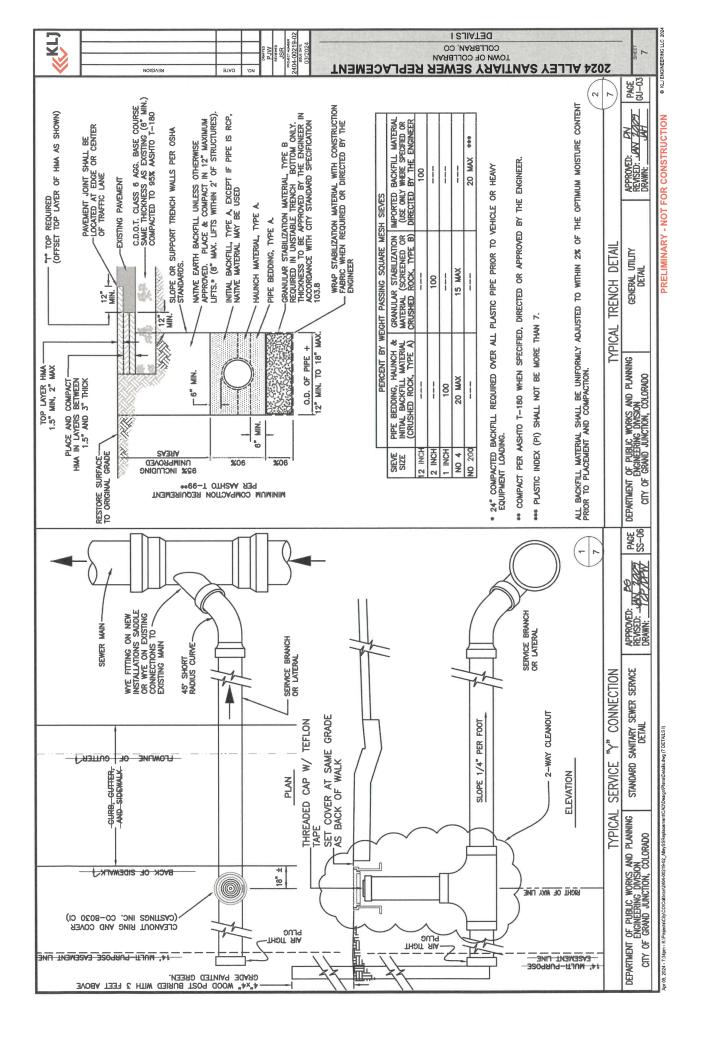
PANY REVENDED BY REVENDED JSR REVENDED TANABLES 2404-0219-02 REVENDED BY REVEN

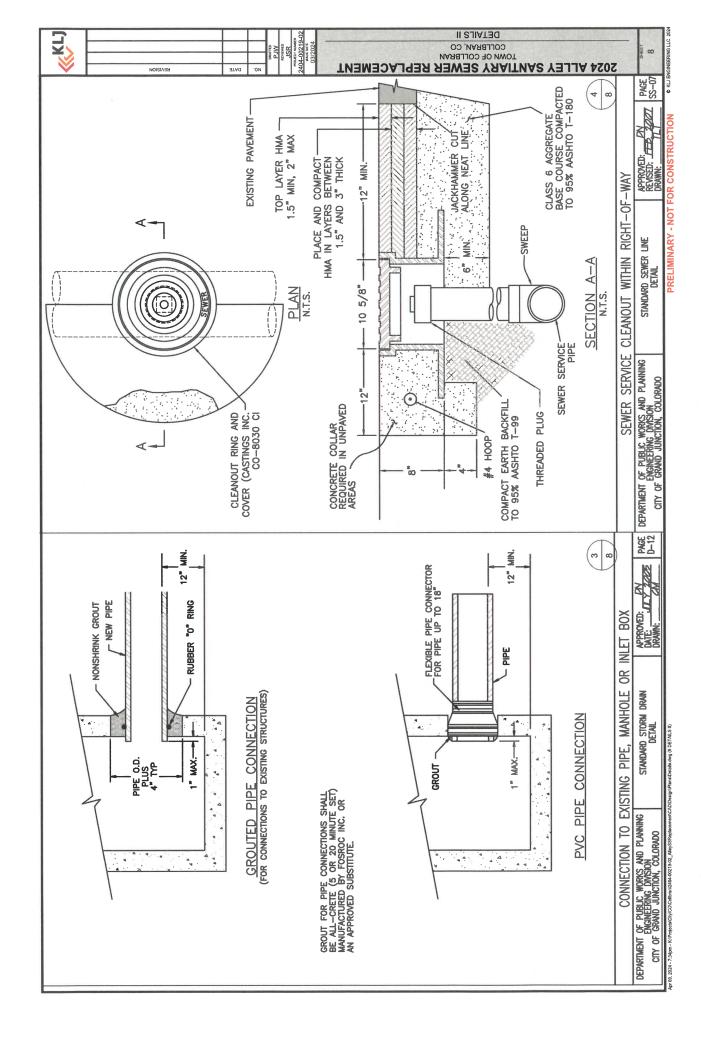
REMOVALS 2024 ALLEY SANTIARY SEWER REPLACEMENT
TOWN OF COLLBRAN, CO
COLLBRAN, CO
TENAN, CO
TENAN, CO

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### ENGINEER'S ESTIMATE OF PROBABLE COST



### Collbran, Colorado KLJ Project #2404-00219-02 Sanitary Sewer Replacement

Base Bid					
Contract Item		Estimated			
No.	Contract Item Long Description	Quantity	Unit	Unit Price	Total
1	Removal of Pipe	71	LF	\$100.00	\$7,100.00
2	Cut Asphalt Pavement	273	LF	\$12.00	\$3,276.00
3	Removal of Asphalt	20	SY	\$15.00	\$300.00
4	Unclassified Excavation	100	CY	\$40.00	\$4,000.00
5	4-inch Sewer Service Pipe SDR 35	211	LF	\$3.00	\$633.00
6	4-inch wye (service connections)	3	EA	\$12.00	\$36.00
7	4-inch 45-degree elbow	2	EA	\$14.00	\$28.00
8	4-inch x 4-inch Sewer Service Tap	1	EA	\$9.00	\$9.00
9	Connect to Existing Manhole (4" pipe)	1	EA	\$100.00	\$100.00
10	Hot Mix Asphalt (Patching)(3" thick)	8.48	TONS	\$270.00	\$2,289.60
				SUBTOTAL	\$17,771.60

20% CONTINGENCY \$ 3,554.32

ENGINEER'S ESTIMATE OF PROBABLE COST \$21,325.92