



# TOWN OF JACKSON PLANNING & BUILDING DEPARTMENT

## TRANSMITTAL MEMO

**Town of Jackson**

- Public Works/Engineering
- Building
- Title Company
- Town Attorney
- Police

**Joint Town/County**

- Parks and Recreation
- Pathways
- Housing Department

**Teton County**

- Planning Division

- Engineer
- Surveyor- *Nelson*
- Assessor
- Clerk and Recorder
- Road and Levee

**State of Wyoming**

- Teton Conservation
- WYDOT
- TC School District #1
- Game and Fish
- DEQ

**Federal Agencies**

- Army Corp of Engineers

**Utility Providers**

- Qwest
- Lower Valley Energy
- Bresnan Communications

**Special Districts**

- START
- Jackson Hole Fire/EMS
- Irrigation Company

Date: July 13, 2021	REQUESTS:
Item #: P21-181	
Planner: Katelyn Page	
Phone: 733-0440 ext. 1302	
Email: <a href="mailto:kpage@jacksonwy.gov">kpage@jacksonwy.gov</a>	
<b>Owner:</b> WYDOT 1040 E. Evans Jackson, WY 83001	
<b>Applicant:</b> Bob Hammond -WYDOT 1040 E. Evans Jackson, WY 83001	
<b>Please respond by:</b> <b>August 3, 2021 (with Comments)</b>	

**Owner:**

WYDOT  
1040 E. Evans  
Jackson, WY 83001

**Applicant:**

Bob Hammond -WYDOT  
1040 E. Evans  
Jackson, WY 83001

The applicant is submitting a request for a Sewer Connect located at 1040 E. Evans Rd., legally known as PT. LOT 7 & PT. LOT 4 & PT. NE1/4SW1/4, SEC. 3, TPW. 39, RNG. 116, PIDN: 22-39-16-03-1-00-011

For questions, please call Brian Lenz 733-0440 x1410 or email to the address shown below. Thank you.

**Please respond by:**

**August 3, 2021 (with Comments)**

**RESPONSE:** For Departments not using Trak-it, please send responses via email to:  
[btlenz@jacksonwy.gov](mailto:btlenz@jacksonwy.gov)



**PLANNING PERMIT APPLICATION**  
Planning & Building Department

150 E Pearl Ave. | ph: (307) 733-0440  
P.O. Box 1687 | [www.townofjackson.com](http://www.townofjackson.com)  
Jackson, WY 83001

*For Office Use Only*

Fees Paid \_\_\_\_\_

Date & Time Received \_\_\_\_\_

Application #s \_\_\_\_\_

*Please note: Applications received after 3 PM will be processed the next business day.*

**PROJECT.**

Name/Description: **WYDOT Affordable Housing**  
Physical Address: **1040 E Evans Road, Jackson WY 83001-6401**  
Lot, Subdivision: \_\_\_\_\_ PIDN: **22-39-16-03-1-00-011**

**PROPERTY OWNER.**

Name: **Tory Thomas - WYDOT District 3** Phone: **(307)352-3000**  
Mailing Address: **3200 Elk Street \ Rock Springs, WY** ZIP: **82902**  
E-mail: **tory.thomas@wyo.gov**

**APPLICANT/AGENT.**

Name: **Bob Hammond - WYDOT District 3** Phone: **(307) 732-9602**  
Mailing Address: **1040 E Evans, Jackson, WY** ZIP: **83001**  
E-mail: **bob.hammond@wyo.gov**

**DESIGNATED PRIMARY CONTACT.**

Property Owner \_\_\_\_\_ Applicant/Agent \_\_\_\_\_

**TYPE OF APPLICATION.** Please check all that apply; review the type of application at [www.townofjackson.com/200/Planning](http://www.townofjackson.com/200/Planning)

Use Permit	Physical Development	Interpretations
<input type="checkbox"/> Basic Use	<input type="checkbox"/> Sketch Plan	<input type="checkbox"/> Formal Interpretation
<input type="checkbox"/> Conditional Use	<input type="checkbox"/> Development Plan	<input type="checkbox"/> Zoning Compliance Verification
<input type="checkbox"/> Special Use	<input type="checkbox"/> Design Review	<b>Amendments to the LDRs</b>
Relief from the LDRs	Subdivision/Development Option	<input type="checkbox"/> LDR Text Amendment
<input type="checkbox"/> Administrative Adjustment	<input type="checkbox"/> Subdivision Plat	<input type="checkbox"/> Map Amendment
<input type="checkbox"/> Variance	<input type="checkbox"/> Boundary Adjustment (replat)	<b>Miscellaneous</b>
<input type="checkbox"/> Beneficial Use Determination	<input type="checkbox"/> Boundary Adjustment (no plat)	<input checked="" type="checkbox"/> Other: <b>Sewer Connection</b>
<input type="checkbox"/> Appeal of an Admin. Decision	<input type="checkbox"/> Development Option Plan	<input type="checkbox"/> Environmental Analysis

**PRE-SUBMITTAL STEPS.** To see if pre-submittal steps apply to you, go to [www.townofjackson.com/200/Planning](http://www.townofjackson.com/200/Planning) and select the relevant application type for requirements. Please submit all required pre-submittal steps with application.

Pre-application Conference #: \_\_\_\_\_ Environmental Analysis #: \_\_\_\_\_  
Original Permit #: \_\_\_\_\_ Date of Neighborhood Meeting: \_\_\_\_\_

**SUBMITTAL REQUIREMENTS.** Please ensure all submittal requirements are included. The Planning Department will not hold or process incomplete applications. Partial or incomplete applications will be returned to the applicant. Go to [www.townofjackson.com/200/Planning](http://www.townofjackson.com/200/Planning) and select the relevant application type for submittal requirements.

Have you attached the following?

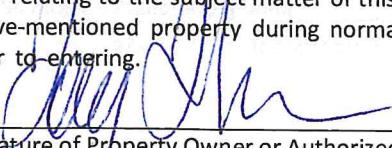
**Application Fee.** Fees are cumulative. Go to [www.townofjackson.com/200/Planning](http://www.townofjackson.com/200/Planning) and select the relevant application type for the fees.

**n/a Notarized Letter of Authorization.** A notarized letter of consent from the landowner is required if the applicant is not the owner, or if an agent is applying on behalf of the landowner. Please see the Letter of Authorization template at <http://www.townofjackson.com/DocumentCenter/View/845/LetterOfAuthorization-PDF>.

**Response to Submittal Requirements.** The submittal requirements can be found on the TOJ website for the specific application. If a pre-application conference is required, the submittal requirements will be provided to applicant at the conference. The submittal requirements are at [www.townofjackson.com/200/Planning](http://www.townofjackson.com/200/Planning) under the relevant application type.

**Note:** Information provided by the applicant or other review agencies during the planning process may identify other requirements that were not evident at the time of application submittal or a Pre-Application Conference, if held. Staff may request additional materials during review as needed to determine compliance with the LDRs.

Under penalty of perjury, I hereby certify that I have read this application and associated checklists and state that, to the best of my knowledge, all information submitted in this request is true and correct. I agree to comply with all county and state laws relating to the subject matter of this application, and hereby authorize representatives of Teton County to enter upon the above-mentioned property during normal business hours, after making a reasonable effort to contact the owner/applicant prior to entering.

  
Signature of Property Owner or Authorized Applicant/Agent

Name Printed

07/12/21  
Date  
DIRECT ENGINEER  
Title

# WYDOT SEWER CONNECTION

1040 E Evans Road, Jackson, WY 83001

## Engineer's Report

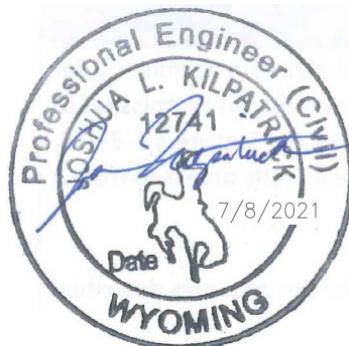
Application for a Connection and Use Agreement for Water and Sewer Services

SUBMITTED TO:

TOWN OF JACKSON

PLANNING DEPT.

TOJ PROJ. #:\_\_\_\_\_



NELSON ENGINEERING  
JACKSON, WY

July, 2021

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# INTRODUCTION/PROJECT NARRATIVE

This engineering report provides information regarding the sewer connection for the proposed Wyoming Department of Transportation (WYDOT) affordable housing facility, located at 1040 E Evans Road (PIDN: 22-39-16-031-00-001). This property is currently going through the Teton County Zoning Map Amendment process and the Connection and Use Agreement for Water and Sewer Services application is dependent upon the zoning map amendment approval from the County. The existing WYDOT facility is already hooked into the Teton County School District's (TCSD) sewer system for Munger Mountain Elementary, which has a final connection to the Town of Jackson (TOJ) wastewater collection system and treatment plant. An agreement between TOJ, TCSD and WYDOT for sewer connection of the existing WYDOT facility was entered into on June 14<sup>th</sup>, 2017.

The reason for this request is to accommodate a future affordable housing project that WYDOT will maintain ownership and use for their employees. Due to the density of the project being approximately 28 units, an additional connection to the Teton County School District (TCSD) system (Munger Mountain) is critical. An existing memorandum of understanding (MOU) is attached in Appendix A providing agreement between WYDOT and TCSD for sewer connection of the proposed employee housing to the Munger Mountain Elementary system. There were no alternatives considered for this proposed housing project and sewer connection, as the connection was already available on-site with the existing WYDOT facility and agreement in-place between WYDOT and TCSD. There is no alternative still being proposed.

This sewer connection request will enable WYDOT to provide affordable workforce housing in close proximity to their existing offices and maintenance facility, as well as the Town of Jackson. The project is critical to WYDOT staffing for continued maintenance of State highways in Teton County. The ability of WYDOT to house their workforce is also vital to surrounding communities at large located throughout Teton County; which includes adjacent bedroom communities that rely on safe/hazard free roads for travel. The service that WYDOT provides is highlighted during winter months where quick response to snow removal and clearing of avalanches is critical to the Jackson community, which relies heavily on a workforce that commutes from Lincoln, Sublette, and Fremont Counties, as well as Idaho.

The required studies will be completed and provided as part of this application to ensure that the proposed development will comply with the sewer line capacity. It is likely that approval of the proposed zoning map amendment will be conditioned based on executed sewer connection agreements with WYDOT, TCSD and TOJ.

## 1.0 OWNERSHIP

WYDOT will be responsible for costs of design, permitting, construction, operation, maintenance, regulatory compliance, repair, and replacement of the system.

All ownership will remain with WYDOT. They will own the proposed housing units, existing facilities and parcel. They will be the responsible party for the connection agreement with the Town of Jackson.

## 2.0 PROJECT SCHEDULE/DETAILS

Detailed below are the planning and permitting processes and associated timeframes for each for this project to reach fruition. Based on the assumptions made regarding approval processes, the project is expected to break ground in the Spring of 2023, which is highly dependent on time of approval by regulatory authorities.

### 2.1 RE-ZONING & DEVELOPMENT PLAN APPROVAL

The sewer connection will be dependent upon WYDOT's ability to rezone the parcel from Neighborhood-Conservation (NC) to Public/Semi-Public (P/SP). WYDOT must also go through a Sketch (SKC) plan review and a Development (DEV) review process through Teton County Wyoming's Planning Department. The process is outlined below, which includes the anticipated time for completion. WYDOT is currently in the process of organizing a neighborhood meeting; the initial requirement for a ZMA.

#### Teton County Required Approvals

- Zoning Map Amendment (ZMA) – Max review period of 5 months
- Sketch Plan (SKC) – Max review period of 5 months
- Development Plan (DEV) – Max review period of 5 months

\*Timeframe for review depending upon County's current workload. Zoning Map Amendment must be approved first before the Sketch Plan can be submitted.

Subsequent to those approvals, all other applicable development standards would be adhered to.

### 2.2 DESIGN & PERMITTING SCHEDULE

Completion of plans for permitting and construction purposes is expected to take 6 to 8 months. Subsequent to project design and in addition to approval of the sewer connection permit (this report and application), the following permits will be sought with the anticipated timelines noted.

#### Teton County Required Permits

- Building Permit (BDR/Teton County, WY) – 3 to 4 months
- Basic Use Permit (BUP/Teton County, WY) – 2 months
- GEC (Grading Permit/Teton County, WY) – 2 to 3 months
- Wyoming Department of Environmental Quality – 2 to 3 months
- Wyoming State Engineering Office Well Permitting – 2 months

## **2.3 CONSTRUCTION SCHEDULE**

The anticipated earliest start for construction is in the Spring of 2023; the schedule is highly dependent on obtaining project approval in accordance with Sections 2.2 and 2.3 above. The project is likely to be phased, where not all of the housing units will be constructed in the same timeframe. The quantity of units in each phase will be based on available funding and housing needs.

## **2.4 PROPOSED METHOD OF METERING/PAYMENT**

Measurement of sewer flow and payment will be consistent with current flow assessment and billing practices. Sewer flows associated with this development will be conveyed to the existing sewer connection to the Munger Mountain Elementary (MME) School's sewer. The Town currently assesses sewer fees to TCSD in accordance with meter readings taken downstream of the existing Munger Mountain Elementary School lift station. Fees associate with WYDOT sewer flows are conveyed from TCSD to WYDOT through separate billing.

## **2.5 WASTEWATER FLOWS & CHARACTERISTICS**

Below are estimates for wastewater flows based on Wyoming Department of Environmental Quality (WDEQ) design standards. A description of sewer characteristics is also included.

### Estimated Wastewater Flows & Volumes

Each proposed housing unit will be approximately 3-bedrooms, which results in an estimated total maximum day wastewater flow for 28 housing units of 10,920 gpd (390 GPM/per unit). The maximum day flows are based on Table 1 in Chapter 25 of the WDEQ Water Quality Rules and Regulations. According to a TOJ invoice to TCSD (see Appendix B) for October of 2019, the monthly wastewater production for the existing WYDOT Facility and MME School is 580 Kgal/month. Assuming an average day is 60% of maximum day flow, the anticipated monthly sewer flow for the proposed 28-unit development is 203Kgal, or an overall 35% increase in flows conveyed to TOJ.

### Sewer Characteristics

Wastewater characteristics are expected to be consistent with typical residential developments. It is assumed wastewater generated by this development will fall within the "typical" column of the table presented below.

<b>Table 1. Composition of Typical Residential Untreated Wastewater</b>			
<b>Constituent</b>	<b>Unit</b>	<b>Range</b>	<b>Typical</b>
Total Solids	mg/L	300-1200	700
Dissolved	mg/L	250-1200	500
Fixed	mg/L	150-550	150
Volatile	mg/L	100-300	150
Suspended	mg/L	100-400	220
Fixed	mg/L	30-100	70
Volatile	mg/L	70-300	150
Settable	mg/L	50-200	100
BOD5	mg/L	100-400	250
TOC	mg/L	100-400	250
COD	mg/L	200-1,000	500
Total Nitrogen	mg/L	15-90	40
Organic	mg/L	5-40	25
Ammonia	mg/L	10-50	25
Nitrite	mg/L	0	0
Nitrate	mg/L	0	0
Total Phosphorous	mg/L	5-20	12
Organic	mg/L	1-5	2
Inorganic	mg/L	5-15	10
Chloride	mg/L	30-85	50
Sulfate	mg/L	20-60	15
Alkalinity	mg/L	50-200	100
Grease	mg/L	50-150	100
Total Coliform	Colonies/100mL	$10^6$ - $10^8$	$10^7$
VOCs	µg/L	100-400	250

*Source:* Northern Arizona University Department of Civil and Environmental Engineering.

## 3.0 PLANS/MAPS

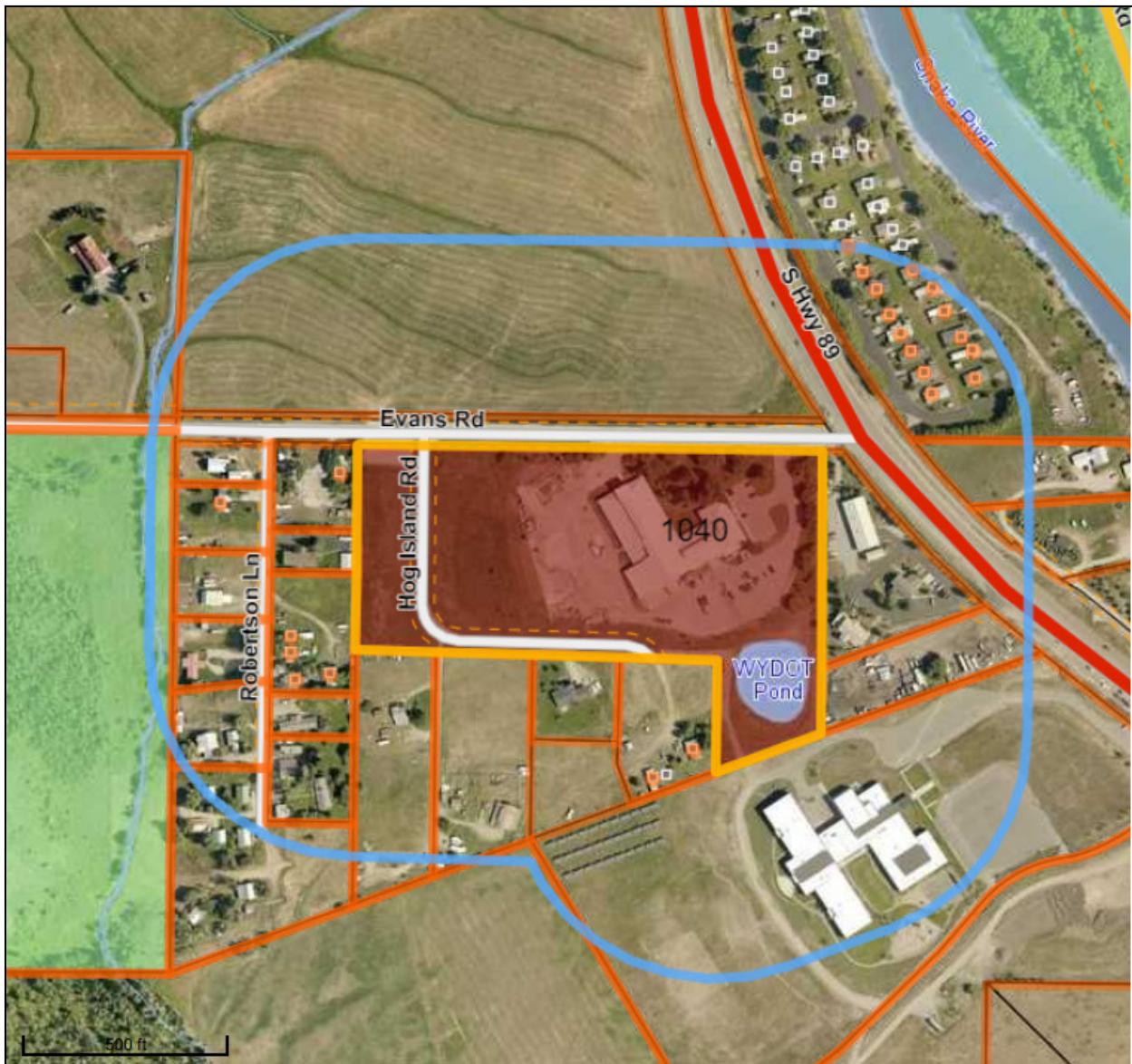
Planning for future connection of the WYDOT Employee Housing project to TCSD's system has been in process since 2017 (see MOU in Appendix A). Accommodations for future connection were made as part of the WYDOT/TCSD Sewer Line & Connection project in 2019. Plans for the 2019 project are provided in Appendix C, where an 8" dia. stub for connection of the future housing project is highlighted on sheet C3.0 at sewer line station 4+48 in the plans.

Design and construction plans for sewer infrastructure from the connection point (station 4+48) to the housing development has not been developed, however it is expected that all infrastructure will be designed and constructed in accordance with WDEQ standards. All operation and maintenance of sewer facilities extending from the housing development to the connection point to TCSD's system will be the responsibility of WYDOT. A conceptual site plan of the development with notes for sewer connection is provided in Appendix D.

## 4.0 PRIVATE PROPERTIES AND SYSTEMS

No other private properties will be serviced with this proposed Sewer Connection agreement. The connection will only service the proposed WYDOT Employee Workforce Housing project. In accordance with the *TOJ Application for a Connection and Use Agreement for Water and Sewer Services*, the following vicinity map is provided showing all properties within 500 feet of the proposed infrastructure.

### Vicinity Map w/ 500 ft Buffer



Blue line represents 500 ft buffer for neighboring properties



Teton County provides this map for illustrative purposes only and assumes no liability for actions taken by users based on information shown.

printed 7/6/2021

All properties within 500 feet of the proposed infrastructure, regardless of whether or not the property intends to connect to the private system.

# **APPENDIX A**

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## **WYDOT/TCSD Sewer Connection Memorandum of Understanding (MOU)**



Matthew H. Mead  
Governor

# Wyoming Department of Transportation

*"Providing a safe, high quality, and efficient transportation system"*

5300 Bishop Boulevard  
Cheyenne, Wyoming 82009-3340



William T. Panos  
Director

May 24, 2017

Jeff Daugherty, Assistant Superintendent  
Teton County School District No. 1  
P. O. Box 568  
Jackson, Wyoming 83001

Memorandum of Understanding for  
Federal Project N104083  
Hoback Jct.-Jackson/Snake River/N. Section  
Teton County

Dear Mr. Daugherty:

Enclosed herewith for the School District's file is an executed original of the Memorandum of Understanding for the above-mentioned project.

Thank you for your handling of this MOU.

Very truly yours,

Janice Burlew  
Cooperative Agreements Coordinator  
Local Governments-Planning Program

Enclosure

cc: the following via email:

Keith Compton, P.E., District Engineer, Rock Springs  
Ted Wells, P.E., District Construction Engineer, Rock Springs  
Bob Hammond, P.E., Resident Engineer, Jackson  
Jeff Brown, P.E., State Highway Development Engineer, Cheyenne  
Sandra Pecenka, P.E., Project Development Engineer, Cheyenne  
Andrea Allen, P.E., Project Development Engineer, Cheyenne  
Craig Alexander, Lands Management Manager, R/W, Cheyenne  
Chris Pivik, P.E., Assistant Contracts and Estimates Engineer  
Pam Fredrick, Budget Program, Cheyenne  
Kim Lamb, Projects Resource Coordinator, Budget Office, Cheyenne  
Christy Stone, STIP Program Coordinator, Planning Program, Cheyenne

**MEMORANDUM OF UNDERSTANDING  
BETWEEN THE  
WYOMING DEPARTMENT OF TRANSPORTATION  
AND THE  
TETON COUNTY SCHOOL DISTRICT NO.1**

Federal Project N104083  
Hoback Jct.-Jackson/Snake River/N. Section  
Teton County

- 1. Parties.** This Memorandum of Understanding (hereinafter referred to as "MOU") is made and entered into by and between the Wyoming Department of Transportation (WYDOT), whose address is 5300 Bishop Boulevard, Cheyenne, Wyoming 82009, and the Teton County School District No. 1, hereafter referred to as the "School District" whose address is P.O. Box 568, Jackson Wyoming 83001.
- 2. Purpose.** WYDOT will construct a gravel access road across WYDOT property on Federal Project N104083 to the new Munger Mountain Elementary School and allow the School District emergency access across WYDOT property on this road. **In exchange, the School District will construct a sewer connection for the Jackson WYDOT office and future employee housing into the School District's sewer line.**
- 3. Terms of MOU.** This MOU shall commence upon the day and date last signed and executed by the duly authorized representatives of the parties to this MOU, and shall remain in full force and effect until terminated. This MOU may be terminated, without cause, by either party upon 30 days written notice, which notice shall be delivered by hand or by certified mail.
- 4. Payment.** No payment shall be made to either party by the other party as a result of this MOU.
- 5. Responsibilities of WYDOT.** WYDOT will design (See Exhibit "A") and construct a gravel access road across its property to the new Munger Mountain Elementary School as part of Federal Project N104083. WYDOT will allow the School District emergency access across its property on this road (See Exhibit "A1"). WYDOT will install a gate that will restrict access to the roadway at the WYDOT/School District property line. This gate will be locked and keys will be provided to both the WYDOT and the School District. WYDOT will be responsible for the surface maintenance (excluding snow removal) for this roadway.
- 6. Responsibilities of the School District.** The School District shall design and construct a sewer connection into the School District's new sewer line for the Jackson WYDOT office and future employee housing. The School District shall maintain the sewer line from the new school to where it ties into the Town of Jackson's sewer district, including the connection to the WYDOT sewer line. The School District shall be responsible for

the snow removal on the new constructed emergency access road across WYDOT property.

## 7. General Provisions

- a. **Amendments.** Either party may request changes in this MOU. Any changes, modifications, revisions or amendments to this MOU which are mutually agreed upon by and between the parties to this MOU shall be incorporated by written instrument, executed and signed by all parties to this MOU.
- b. **Applicable Law.** The construction, interpretation and enforcement of this MOU shall be governed by the laws of the State of Wyoming. The courts of the State of Wyoming shall have jurisdiction over any action arising out of this MOU and over the parties, and the venue shall be the First Judicial District, Laramie County, Wyoming.
- c. **Entirety of this MOU.** This MOU, consisting of three pages; Exhibit "A" and Exhibit "A1", consisting of one page each, represents the entire and integrated agreement between the parties and supersedes all prior negotiations, representations and agreements, whether written or oral.
- d. **Indemnification.** Each party to this MOU shall assume the risk of any liability arising from its own conduct. Neither party agrees to insure, defend nor indemnify the other.
- e. **Prior Approval.** This MOU shall not be binding upon either party unless this MOU has been reduced to writing before performance begins as described under the terms of this MOU, and unless this MOU is approved as to form by the Attorney General or his representative.
- f. **Severability.** Should any portion of this MOU be judicially determined to be illegal or unenforceable, the remainder of the MOU shall continue in full force and effect, and either party may renegotiate the terms affected by the severance.
- g. **Sovereign Immunity.** The State of Wyoming and WYDOT do not waive their sovereign immunity by entering into this MOU and the School District does not waive governmental immunity and each specifically retains all immunities and defenses available to them as sovereign or governmental entities pursuant to Wyo. Stat. § 1-39-104(a) and all other State law. Designations of venue, choice of law, enforcement actions, and similar provisions shall not be construed as a waiver of sovereign immunity.

h. **Third Party Beneficiary Rights.** The parties do not intend to create in any other individual or entity the status of third party beneficiary, and this MOU shall not be construed so as to create such status. The rights, duties and obligations contained in this MOU shall operate only between the parties to this MOU, and shall inure solely to the benefit of the parties to this MOU. The provisions of this MOU are intended only to assist the parties in determining and performing their obligations under this MOU.

8. **Signatures.** The parties to this MOU through their duly authorized representatives have executed this MOU on the dates set out below, and certify that they have read, understood, and agreed to the terms and conditions of this MOU as set forth herein.

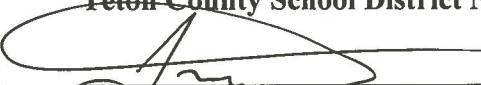
The effective date of this MOU is the date of the signature last affixed to this page.

Attest/Witness:

Michele D. Doyle  
Name  
Michele D. Doyle, Exec Asst  
Print Name, Title

(SEAL)

Teton County School District No. 1:

  
Jeff Daugherty, Assistant Superintendent  
4/21/17  
Date

Attest:

Sandra J. Scott  
Sandra J. Scott, Secretary  
Transportation Commission of Wyoming

(SEAL)

Wyoming Department of Transportation:

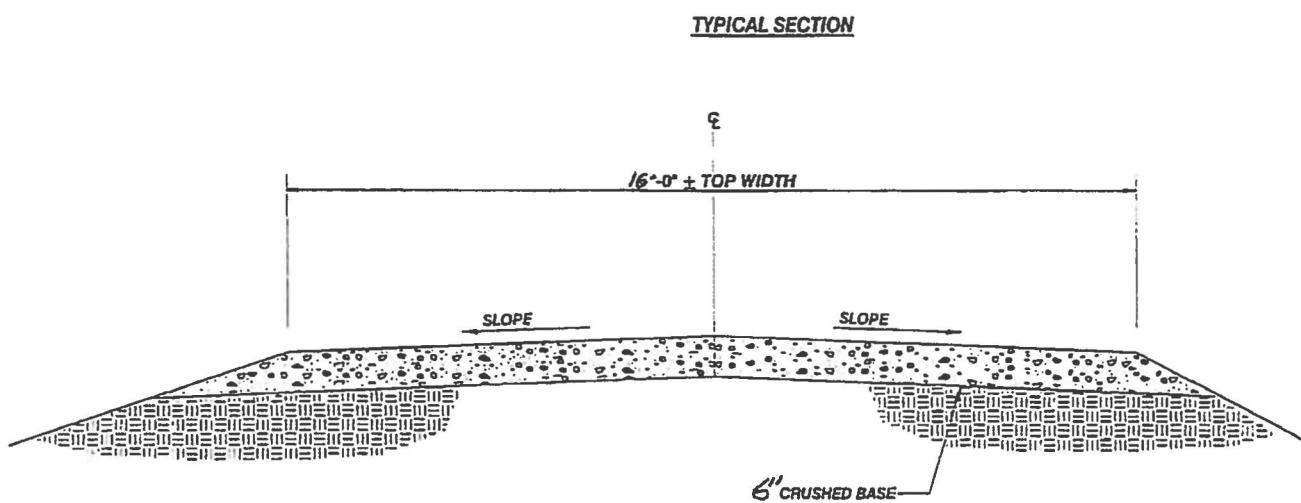
Gregg C. Fredrick  
Gregg C. Fredrick, P.E., Chief Engineer  
5-23-2017  
Date

Approved as to form:

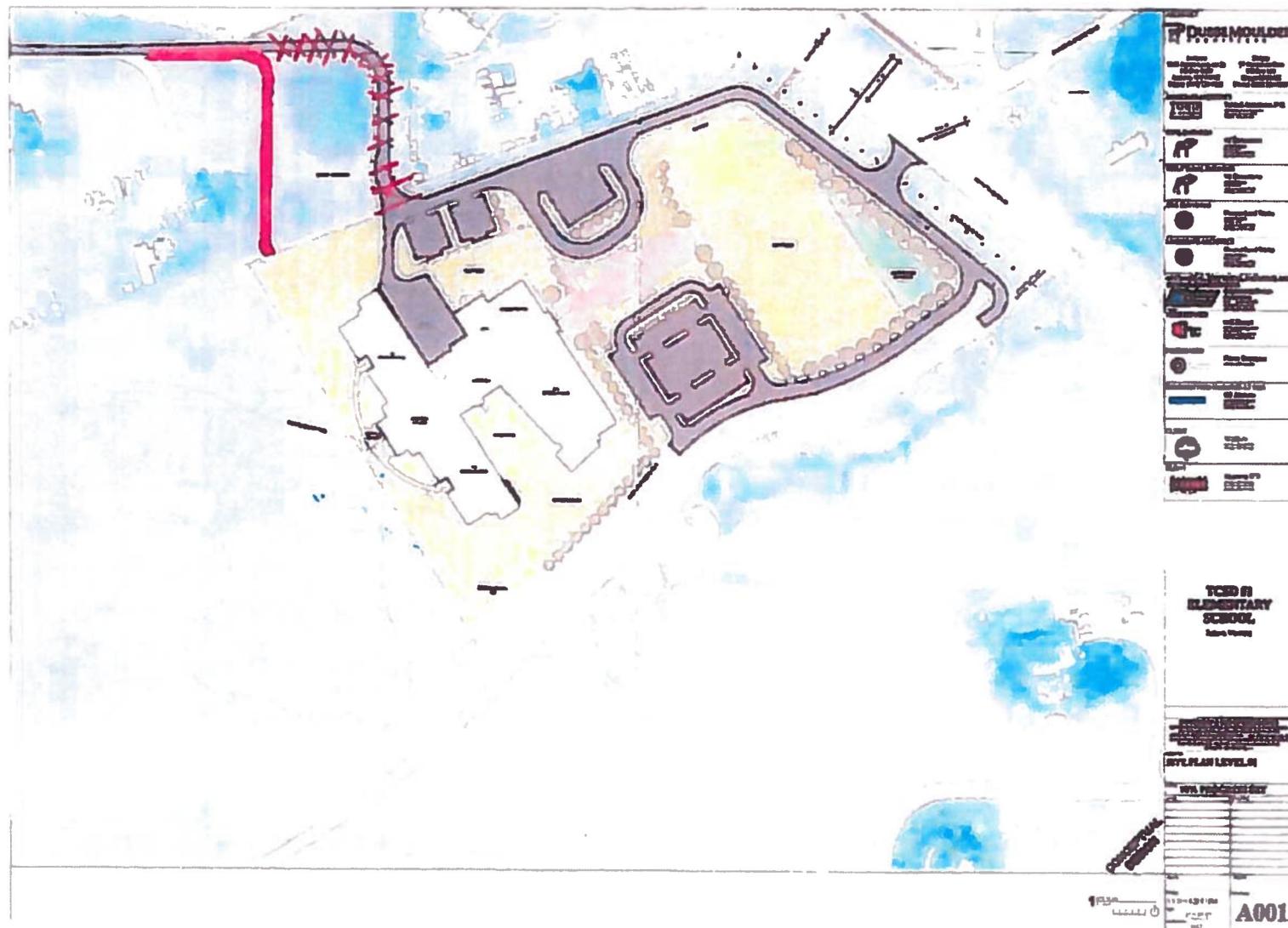
By: Michael T. Kahler  
Michael T. Kahler  
Senior Assistant Attorney General  
State of Wyoming

Date MOU prepared: 12-8-16

## EXHIBIT "A"



**EXHIBIT "A1"**



**MUNGER MOUNTAIN ELEMENTARY SCHOOL**  
**TETON COUNTY SCHOOL DISTRICT NO. 1**

# **APPENDIX B**

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**TOJ Sewer Invoice to WYDOT**



## Town of Jackson

150 East Pearl Avenue | PO Box 1687  
 Jackson, WY 83001  
 307-733-3932  
 info@townofjackson.com  
 Monday - Friday 8:00am - 5:00pm

Have your bill paid automatically each month with Xpress Bill Pay's hassle-free Auto Pay feature.

### Billing Address

MUNGER MOUNTAIN  
 SCHOOL DIST  
 PO BOX 568  
 JACKSON, WY 83001

### Service Address

7605 S HWY 89  
 Jackson WY

Description	Read Date	Prev Reading	Present Reading
WA	10/31/2019	7,252,996	7,832,738

RECEIVED NOV - 5 2019

Verified by Rendezvous Engineering:  
 October 2019 Sewer Use: 579,742 Gallons (579.742 MG)  
 Sewer Base Fee (4" Discharge Pipe): \$81.24/ Month  
 Sewer Usage:  $579.752 \times \$2.27 = \$1,316.01$   
 Sewer Surcharge:  $579.742 \times \$0.80 = \$463.79$

### Account Information

Account Number:	1592095.1
Account Type:	Utility
Due Date:	11/30/2019
Billing Period End:	10/31/2019

### Total Charges

Sewer Usage	\$1,316.01
Sewer Base fee	\$81.24
Sewer Surcharge	\$463.79
Statement Charges	\$1,861.04
Total Amount Due	\$1,861.04

9/17/2019  
\$550.92

Previous Payment Date  
Previous Payment Amount



## Town of Jackson

150 East Pearl Avenue | PO Box 1687  
Jackson, WY 83001

307-733-3932  
info@townofjackson.com  
Monday - Friday 8:00am - 5:00pm

Have your bill paid automatically each month with Xpress Bill Pay's hassle-free Auto Pay feature.

### Billing Address

MUNGER MOUNTAIN  
SCHOOL DIST  
PO BOX 568  
JACKSON, WY 83001

### Service Address

7605 S HWY 89  
Jackson WY

### Account Information

Account 1592095.1  
Number:  
Account Utility  
Type:  
Due Date: 10/31/2019  
Billing Period End:  
9/30/2019

Description	Read Date	Prev Reading	Present Reading
WA	9/30/2019	6,725,290	7,252,996

### Total Charges

Sewer Usage	\$1,197.89
Sewer Base fee	\$81.24
Sewer Surcharge	\$422.16
Statement Charges	\$1,701.29
<b>Total Amount Due</b>	<b>\$1,701.29</b>

## Town of Jackson



150 East Pearl Avenue | PO Box 1687  
Jackson, WY 83001

307-733-3932  
info@townofjackson.com  
Monday - Friday 8:00am - 5:00pm

Have your bill paid automatically each month with Xpress Bill Pay's hassle-free Auto Pay feature.

## Billing Address

MUNGER MOUNTAIN  
SCHOOL DIST  
PO BOX 568  
JACKSON, WY 83001

## Service Address

7605 S HWY 89  
Jackson WY

Description	Read Date	Prev Reading	Present Reading
WA	8/30/2019	6,118,523	6,725,290

## Account Information

Account Number:	1592095.1
Account Type:	Utility
Due Date:	9/30/2019
Billing Period End:	8/31/2019

## Total Charges

Sewer Usage	\$1,377.36
Sewer Base fee	\$81.24
Sewer Surcharge	\$485.41
Statement Charges	\$1,944.01
Total Amount Due	\$1,944.01

RECEIVED SEP - 4 2019



## Town of Jackson

150 East Pearl Avenue | PO Box 1687  
Jackson, WY 83001

307-733-3932  
info@townofjackson.com  
Monday - Friday 8:00am - 5:00pm

Have your bill paid automatically each month with Xpress Bill Pay's hassle-free Auto Pay feature.

### Billing Address

MUNGER MOUNTAIN  
SCHOOL DIST  
PO BOX 568  
JACKSON, WY 83001

### Service Address

7605 S HWY 89  
Jackson WY

Description	Read Date	Prev Reading	Present Reading
WA	7/31/2019	5,599,555	6,118,523

RECEIVED AUG - 6 2019

### Account Information

Account 1592095.1  
Number:  
Account Utility  
Type:  
Due Date: 8/31/2019  
Billing Period End:

7/31/2019

### Total Charges

Sewer Usage	\$1,178.06
Sewer Base fee	\$81.24
Sewer Surcharge	\$415.17
Statement Charges	\$1,674.47
Total Amount Due	\$1,674.47



## Town of Jackson

150 East Pearl Avenue | PO Box 1687  
Jackson, WY 83001

307-733-3932  
info@townofjackson.com  
Monday - Friday 8:00am - 5:00pm

Payment Date  
Payment Amount  
Information displayed is  
from 2019. Payments made  
prior to 2019 are not displayed.

Have your bill paid automatically each month with Xpress Bill Pay's hassle-free Auto Pay feature.

### Billing Address

MUNGER MOUNTAIN  
SCHOOL DIST  
PO BOX 568  
JACKSON, WY 83001

### Service Address

7605 S HWY 89  
Jackson WY

### Account Information

Account	15920
Number:	
Account	Util
Type:	

Due Date:	7/31/2019
Billing Period End:	6/30/2019

### Total Charges

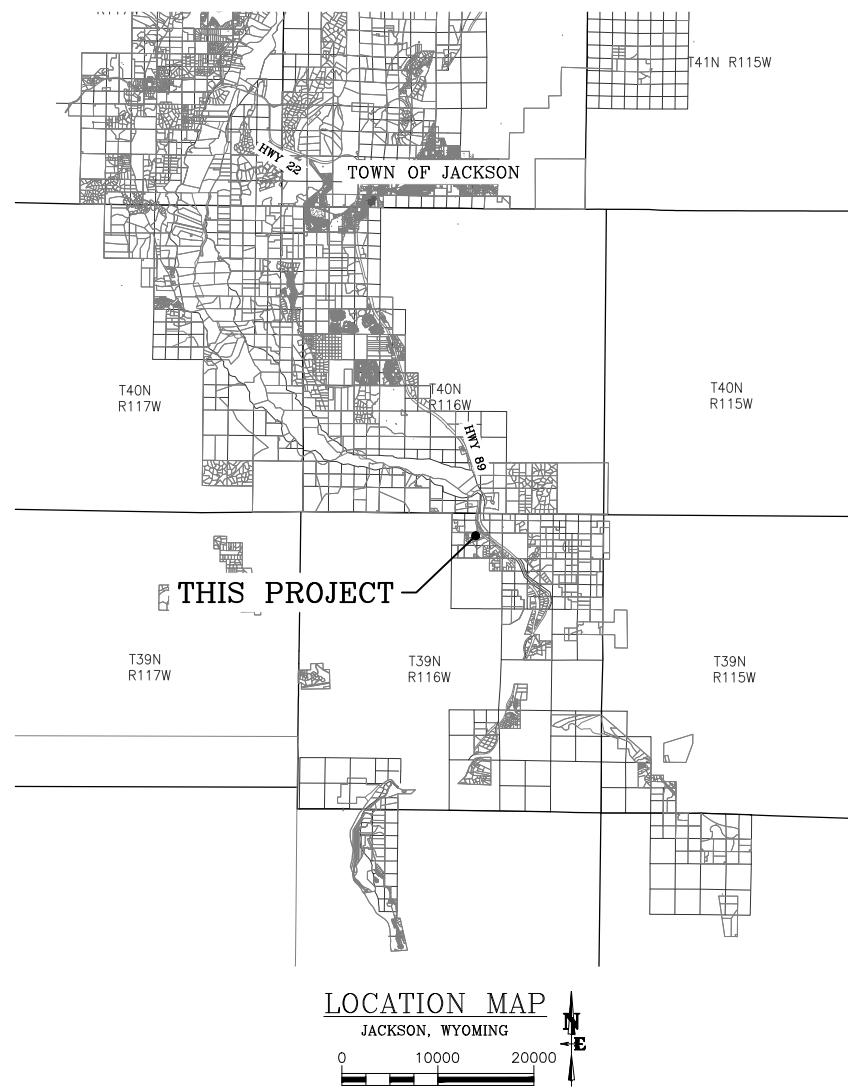
Sewer Usage	\$1,657.78
Sewer Base fee	\$81.24
Sewer Surcharge	\$584.24
Statement Charges	\$2,323.26
Total Amount Due	\$2,323.26

# **APPENDIX C**

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## **2019 WYDOT Facility Sewer Connection Drawings**

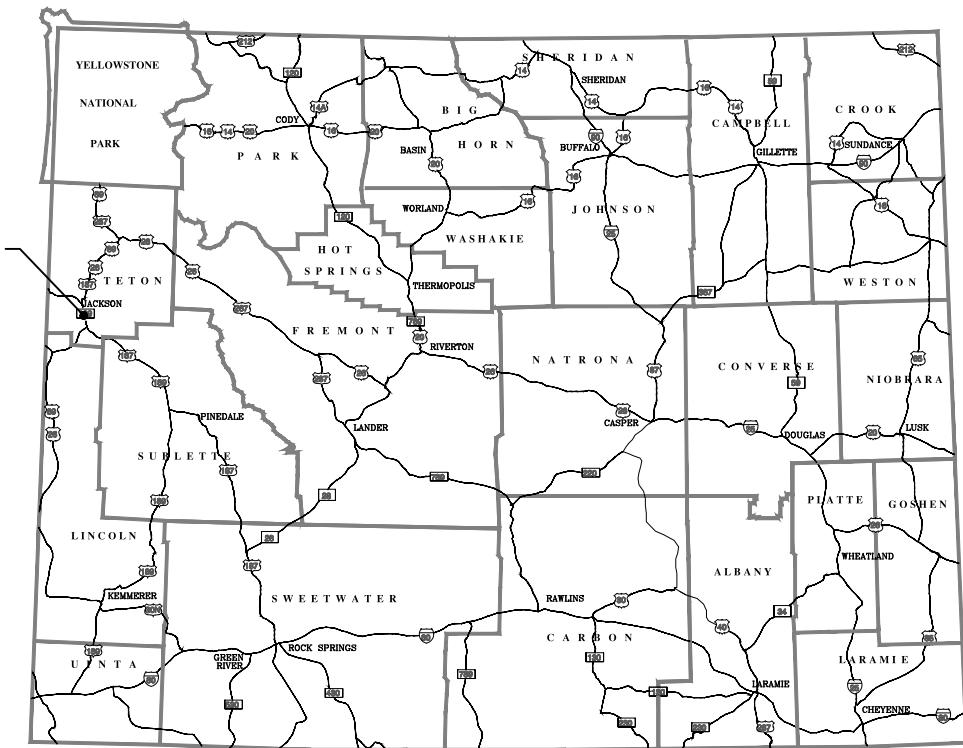
# WYDOT/TCSD SEWER LINE & CONNECTION



## DRAWING INDEX

DWG NO.	DESCRIPTION
T1.0	TITLE SHEET
C1.0	EXISTING SITE
C2.0	SITE PLAN
C3.0	SEWER PLAN & PROFILE
C3.1	SEWER PLAN & PROFILE
C3.2	SITE CIVIL DETAILS
C3.3	LIFT STATION DETAILS
C3.4	WATER METER DETAILS

## PROJECT LOCATION



## GENERAL CONSTRUCTION NOTES:

**CAUTION:** UNDERGROUND UTILITY LOCATIONS ARE NOT GUARANTEED, NOR IS THERE ANY GUARANTEE THAT ALL EXISTING UTILITIES (WHETHER FUNCTIONAL OR ABANDONED) WITHIN THE PROJECT AREA ARE SHOWN ON THESE CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES BEFORE STARTING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM CONTRACTOR'S WORK.

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS (SEPARATELY BOUND).
2. COORDINATE ALL WORK WITH THE ENGINEER/OWNER THAT INTERRUPTS SERVICE OR DAILY OPERATIONS AT WYDOT OR THE SCHOOL FACILITY.
3. WORK HOURS: UNLESS OTHERWISE NOTED IN THESE PLANS OR APPROVED BY ENGINEER/OWNER, WORK HOURS SHALL BE LIMITED TO WEEKDAYS FROM 6:00AM TO 9:00PM.
4. SECTION 01 50 00 - TEMPORARY FACILITIES:
  - a. A PORTABLE TOILET SHALL BE PROVIDED BY THE CONTRACTOR.
  - b. CONTRACTOR SHALL PROVIDE PORTABLE POWER AND TOOLS TO COMPLETED WORK.
  - c. WATER FOR CONSTRUCTION WILL BE PROVIDED BY WYDOT.

REVISIONS			
No:	REVISION DESCRIPTION:	BY:	DATE:
▲	ADDENDUM NO. 1	JLK	3/12/19
▲	AS-BUILT	JLK	7/12/19



**DUBBE MOULDER**  
ARCHITECTS  
1160 Alpine Lane, Suite 2A  
Jackson, WY 83002  
(307) 733-9951

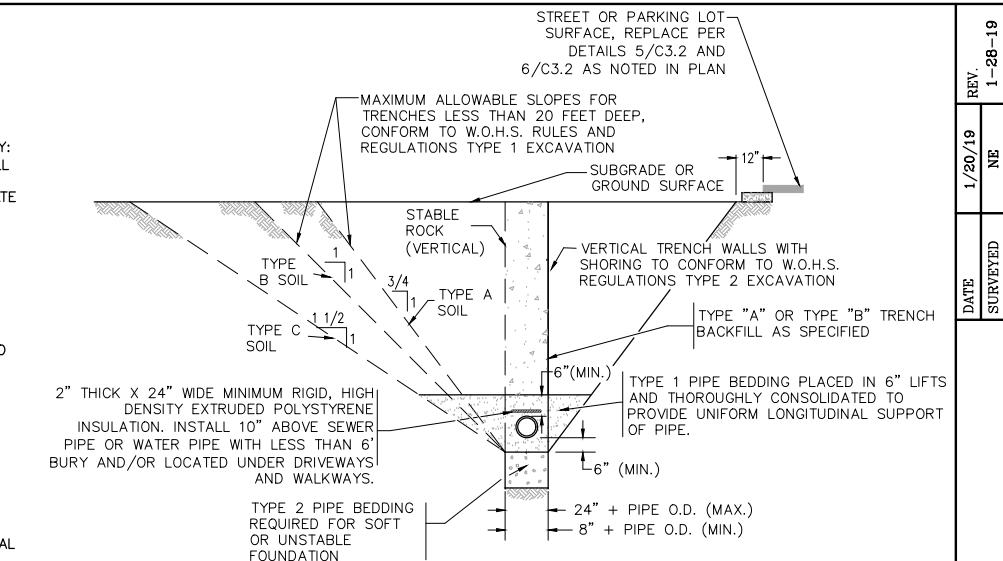
DRAWING NO	JOB TITLE	DRAWING TITLE	DATE
T1.0	WYDOT/TCSD SEWER LINE	TITLE SHEET	1/20/19
JOB NO	WYDOT FACILITY - DISTRICT NO. 3	AS-BUILT	REV. 1-28-19
STN# 1155			
NE# 18-322-01			





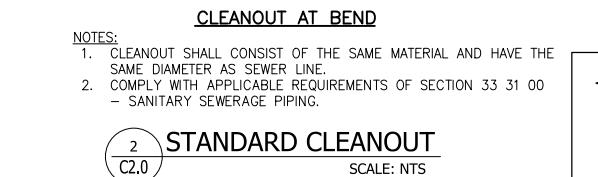
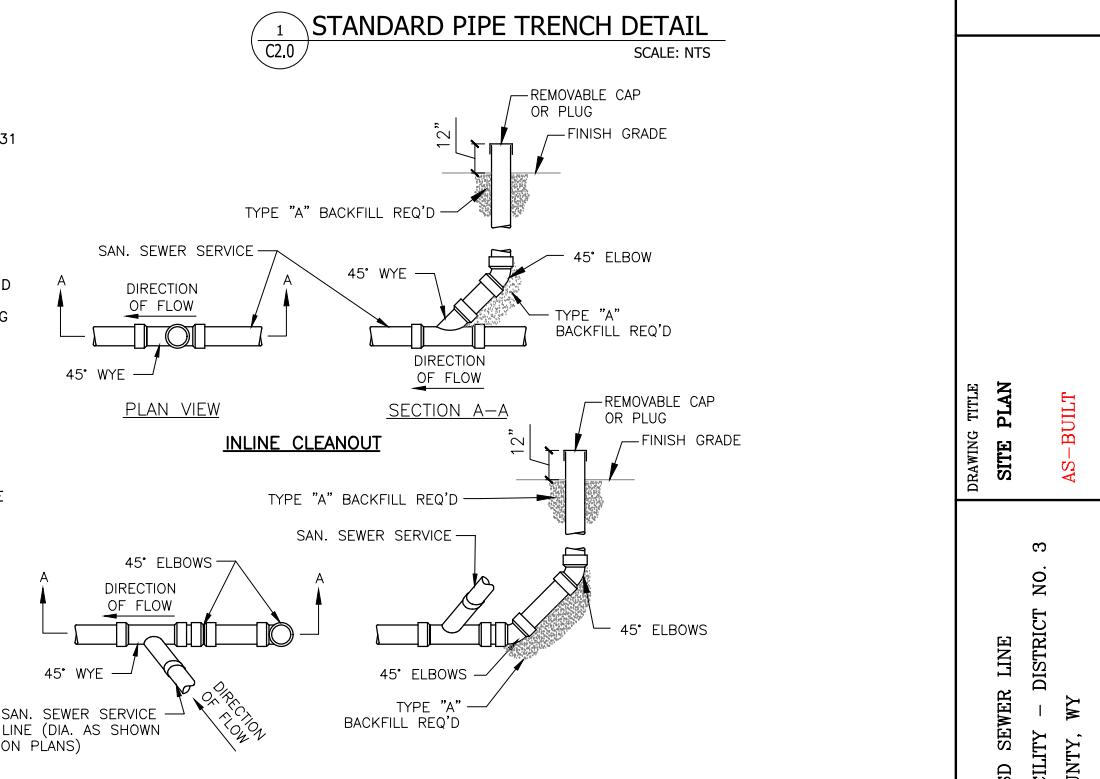
### CONSTRUCTION NOTES:

- SCHEDULE WORK ASSOCIATED WITH THE CONNECTION TO THE EXISTING MANHOLE WITH THE ENGINEER AND SCHOOL DISTRICT. COMPLY WITH THE FOLLOWING REQUIREMENTS REGARDING WORK WITHIN THE SCHOOL'S PROPERTY:
  - CONTRACTOR SHALL MAINTAIN ONE-LANE TRAFFIC (10' MIN. WIDTH) AT ALL TIMES ON THE EXISTING ACCESS ROAD.
  - PROVIDE TRAFFIC CONES AND CONSTRUCTION WARNING SIGNS TO DELINEATE WORK AND NOTIFY VEHICULAR TRAFFIC OF HAZARDS.
  - REMOVE AND DISPOSE OF EXISTING PAVEMENT OFFSITE.
  - SHORE EXCAVATION PER DETAIL 1/C2.0 AND OSHA REQUIREMENTS.
  - BACKFILL TRENCH PER DETAIL 1/C2.0, AND CUT AND REPLACE EXISTING ASPHALT PAVEMENT PER DETAIL 6/C3.2.
  - INSTALL TEMPORARY 6'-HIGH CHAIN-LINK FENCE AT LIMITS OF DISTURBANCE WHEN WORKING IN SCHOOL PROPERTY. TEMPORARY FENCE SHALL REMAIN IN-PLACE UNTIL THE FOLLOWING WORK IS COMPLETED
    - CONTRACTOR HAS COMPLETED WORK AND BACKFILLED THE TRENCH TO MATCH EXISTING GRADES IN ACCORDANCE WITH NOTE 11
    - REPLACED PERMANENT FENCE IN ACCORDANCE WITH NOTE 2 BELOW.
  - DISTURBED SURFACES AND FENCING WITHIN SCHOOL PROPERTY SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION
- DISASSEMBLE AND REMOVE EXISTING FENCE SECTIONS FOR SEWER LINE INSTALLATION. FOLLOWING PIPE INSTALLATION, REPLACE FENCE TO MATCH EXISTING. MATERIALS USED FOR REPLACEMENT OF DAMAGED, OR OTHERWISE UNSALVAGEABLE FENCE MATERIALS, SHALL MATCH EXISTING.
- CONTRACTOR SHALL VERIFY ELEVATIONS OF THE SEWER LINE LEAVING THE BUILDING AND THE NEW MANHOLE DOWNSTREAM IN ORDER TO ESTABLISH FINAL SLOPE. COORDINATE FINAL SLOPES WITH THE ENGINEER.
- MAINTAIN EXISTING SEPTIC SYSTEM UNTIL THE NEW SEWER LINE, EXTENDING TO THE POINT OF CONNECTION AT THE BUILDING, HAS BEEN INSPECTED, TESTED AND APPROVED BY THE ENGINEER. REMOVAL/ABANDONMENT OF THE EXISTING SYSTEM AND CONNECTION OF THE NEW SERVICE LINE TO THE EXISTING BUILDING SEWER SHALL COMPLY WITH THE FOLLOWING:
  - COORDINATE WORK WITH THE PROJECT ENGINEER AND WYDOT FACILITIES MANAGER.
  - WORK SHALL BE COMPLETED ON A WEEKEND, OR APPROVED WEEKDAY OUTSIDE WYDOT OPERATING HOURS.
  - CONTENTS OF THE EXISTING SEPTIC TANK SHALL BE PUMP AND DISPOSED OF AT A LOCAL WASTEWATER TREATMENT FACILITY.
  - SEPTIC TANK SHALL BE REMOVED AND DISPOSED OF BY CONTRACTOR.
  - EXISTING PIPES, ABANDONED IN PLACE, SHALL BE PLUGGED WITH CEMENT OR CAPPED.
  - BACKFILL OVER-EXCAVATED AREAS WITH TYPE 2 BEDDING PER SECTION 31 23 34 - TRENCH BACKFILL.
- CONTRACTOR SHALL REMOVE AND REPLACE (IN FULL SECTIONS) EXISTING VERTICAL CURB. COMPLETED WORK IN ACCORDANCE WITH DETAIL 5/C3.2.
- CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STAGED WITHIN THE LIMITS OF DISTURBANCE (OUTSIDE EXISTING PAVED AREAS) OR STAGING AREA SHOWN IN PLAN ON SHEET C2.0.
- STRIPPED MATERIAL SHALL BE STOCKPILED ONSITE, CUT MATERIAL WILL BE PLACED DIRECTLY INTO FILL AREAS OR STOCKPILED.
- EXISTING TOPSOIL SHALL BE STRIPPED TO A MINIMUM DEPTH OF 8" AND STOCKPILED ONSITE FOR FINAL RECLAMATION IN ACCORDANCE WITH SECTION 31 91 19.
- OWNER WILL PROVIDE STAKING FOR THE PLANNED IMPROVEMENTS IN ACCORDANCE WITH SECTION 01 73 00. STAKING WILL INCLUDE OFFSETS WITH SEWER MANHOLE BENCHMARKS AND DELINEATION OF THE LIMITS OF DISTURBANCE (WITH LATH). ADDITIONAL STAKING REQUIREMENTS AS A RESULT OF CONTRACTOR NEGLIGENCE SHALL BE PAID FOR BY THE CONTRACTOR.
- DUST CONTROL SHALL BE ACCOMPLISHED BY WATERING DISTURBED AREAS AND STOCKPILES. CONTRACTOR SHALL PREVENT TRACKING OUT OF SOIL ONTO PUBLIC AND PRIVATE ROADS. CONTRACTOR SHALL SWEEP ROADS AND PARKING LOTS AS REQUIRED.
- IN STREETS, SIDEWALKS, DRIVEWAYS, PARKING AREAS AND OTHER TRAVEL WAYS, THE CONTRACTOR SHALL BACKFILL THE TRENCHES AND PROVIDE A TEMPORARY GRAVEL SURFACE FLUSH WITH THE EXISTING PAVEMENT OR CONCRETE UNTIL THE DISTURBED SURFACE CAN BE RESTORED. PERMANENT PAVEMENT REPAIRS SHALL BE COMPLETED IN A TIMELY FASHION IN ACCORDANCE WITH DETAIL 6/C3.2.
- CONTRACTOR MAY WASTE EXCESS SOILS (OVERBURDEN) ONSITE. FINAL LOCATIONS AND GRADES FOR OVERBURDEN SHALL BE COORDINATED WITH THE ENGINEER AND WYDOT. GRADING OF OVERBURDEN SHALL BE IN ACCORDANCE WITH DETAIL 7/C3.2 AND 8/C3.2.
- FOLLOWING SEWER INSTALLATION, SEED AND MULCH DISTURBED AREAS IN ACCORDANCE WITH SECTION 32 92 19.16.
- ALL WORK SHALL BE COMPLETED IN THE SPRING/SUMMER OF 2019; SUBSTANTIAL/FINAL COMPLETION AS SPECIFIED IN THE CONTRACT DOCUMENTS.



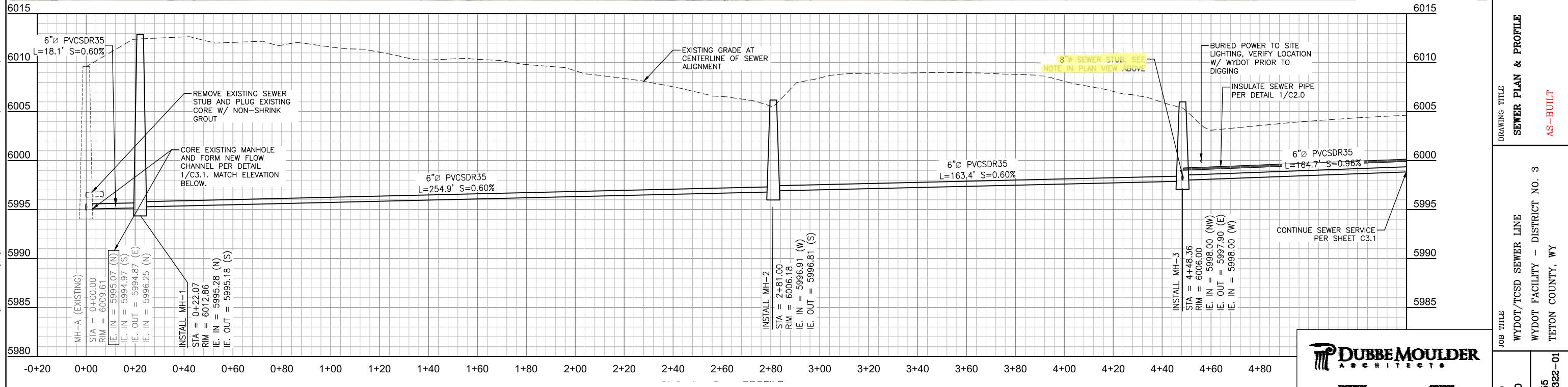
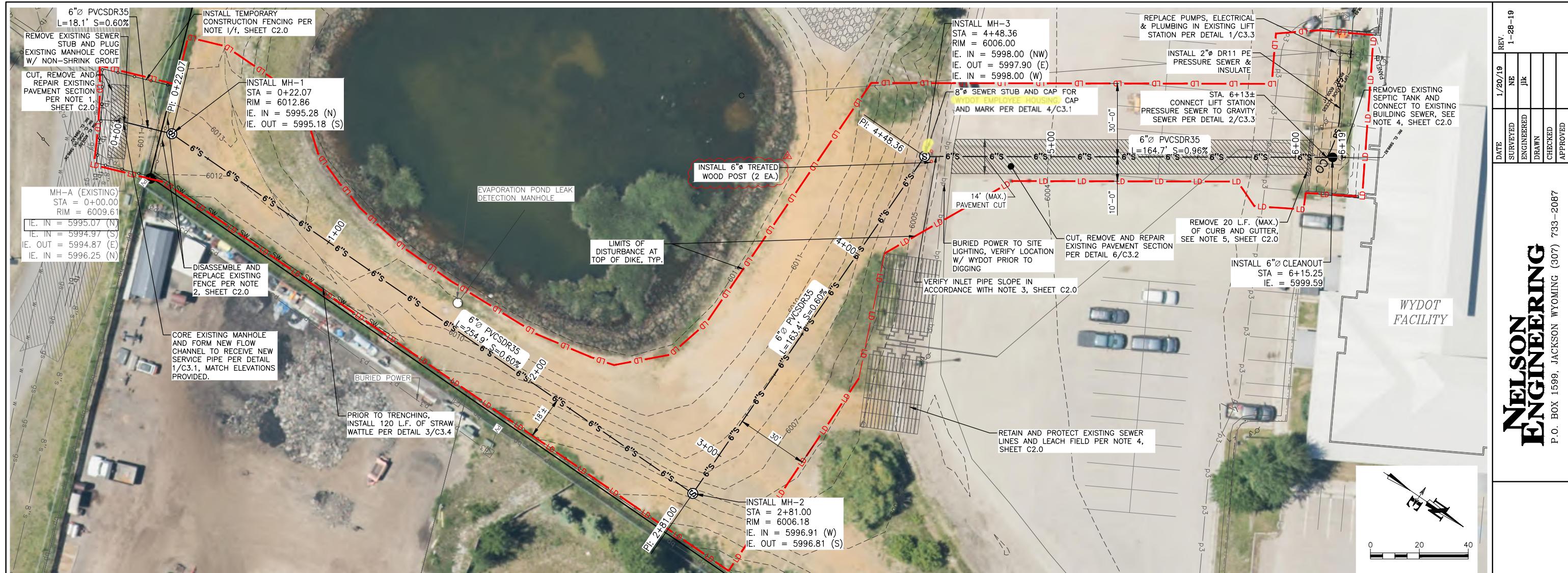
**NOTES:**

1. COMPLY WITH TRENCH EXCAVATION AND BACKFILL REQUIREMENTS PROVIDED IN SECTIONS 31 23 33 AND 31 23 34.
2. TRENCH BACKFILL BELOW THE SURFACE SHALL MEET THE FOLLOWING CRITERIA:
  - 95% MODIFIED PROCTOR DENSITY WITHIN DRIVEWAYS, STREETS AND PARKING AREAS.
  - 90% MODIFIED PROCTOR DENSITY OUTSIDE DRIVEWAYS, STREETS AND PARKING AREAS.
3. COMPACTION OF NATIVE TRENCH BACKFILL, WITH ALL ROCK LARGER THAN 6" REMOVED, SHALL BE CARRIED OUT IN 2' LIFTS WITH A HOE-PACK OR A VIBRATORY SHEEP'S FOOT ROLLER (COMPACTION METHOD AND EQUIPMENT SHALL BE REVIEWED AND APPROVED BY ENGINEER PRIOR TO BACKFILLING).
4. PIPE BEDDING SHALL BE PLACED IN 6" LIFTS AND THOROUGHLY COMPACTED WITH A JUMPING JACK TO PROVIDE UNIFORM PIPE SUPPORT.
5. UNLESS OTHERWISE DIRECTED, ALL BASE COURSE AND GRAVEL SURFACE REPLACEMENT SHALL BE INSTALLED PER SECTION 31 20 00.
6. ALL TRENCH EXCAVATION SHALL CONFORM TO WYOMING OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (WOSHA) REGULATIONS. IN ORDER TO MITIGATE RISK ASSOCIATED WITH PUBLIC AND ANIMAL ENTRY, TRENCHES SHOULD BE PROPERLY BARRICADED WITH CONSTRUCTION FENCING AND OTHER NECESSARY WARNING OR CONTROL DEVICES.
7. INSTALLED SEWER PIPE SHALL BE CLEANED (FLUSHED), INSPECTED AND TESTED IN ACCORDANCE WITH SECTION 33 31 00 - SANITARY SEWERAGE PIPING.



**NELSON ENGINEERING**

P.O. BOX 1599, JACKSON WYOMING (307) 733-2087



PLOTTED BY: klap-trick  
DWG FORMAT: 23.0  
Mar 19 2020 03:16:04 pm  
Design.dwg <330 SEWER PLAN & PROFILE >-  
Design.dwg <Civil/Sewer>4  
Drawings\Civil\Sever  
WYDOT Sewer Services\4  
Pro2018\322-01

## SEWER PLAN & PROFILE

SCALE: 1" = 40' (11X17)

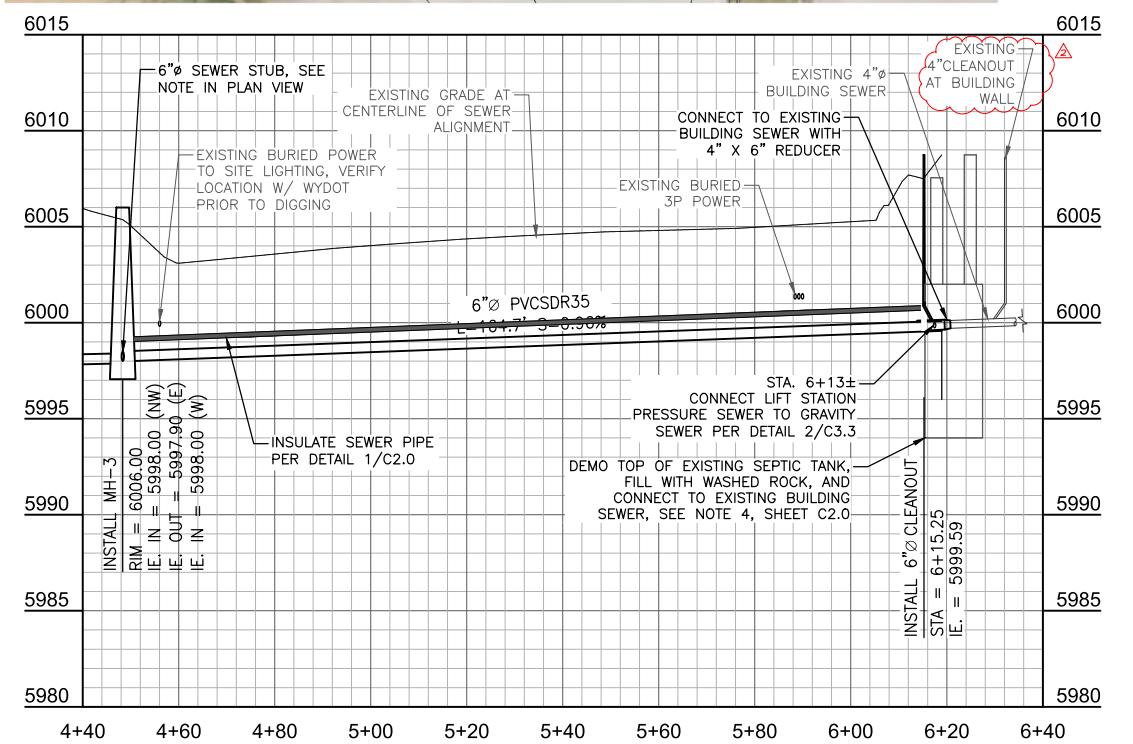
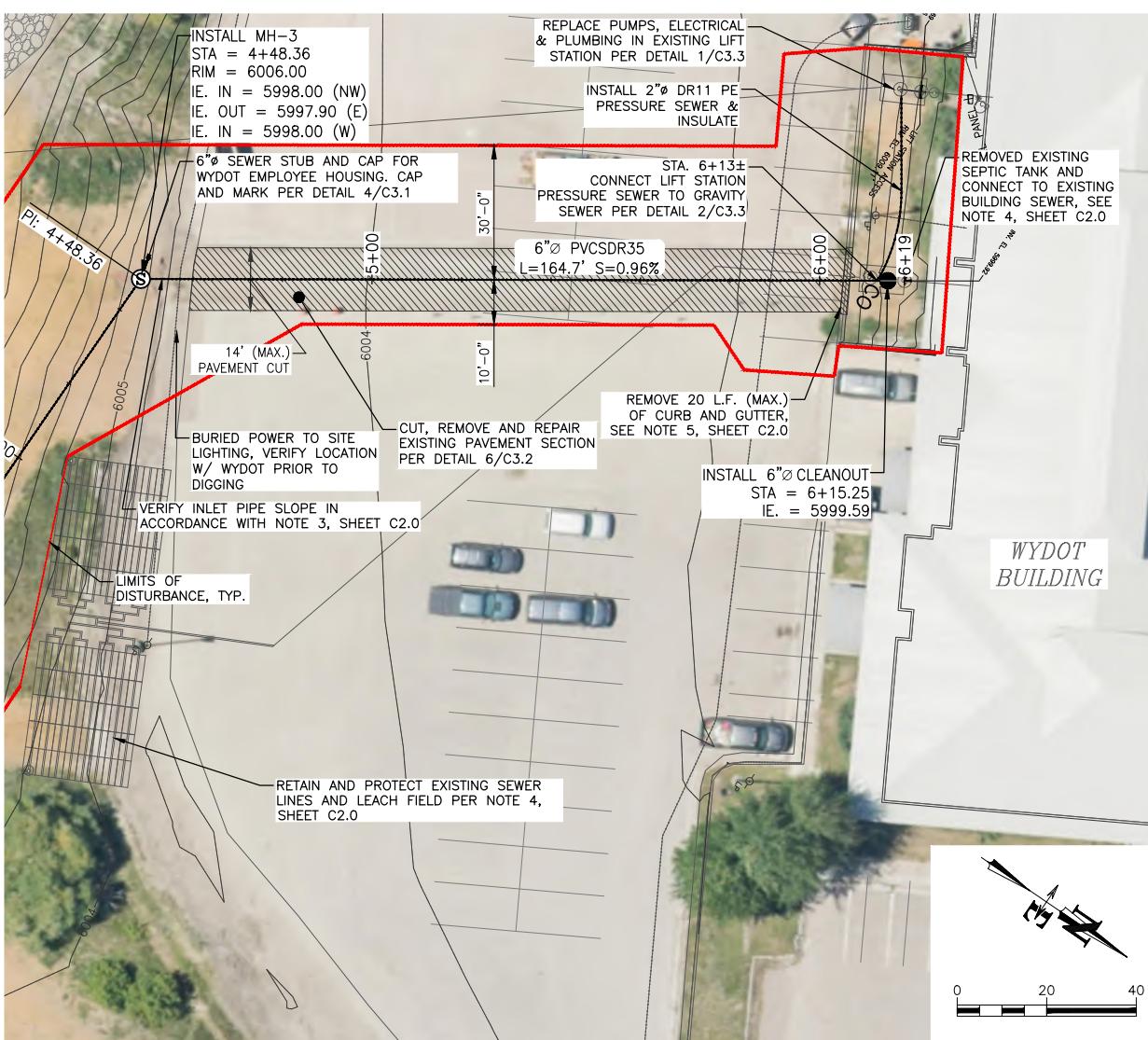
**DUBBE MOULDER**

JACKSON  
60 Alpine Lane, suite 2a  
P.O. Box 9227  
Jackson, WY 83002

1000  
11 First East  
Box 169  
Madison 63422

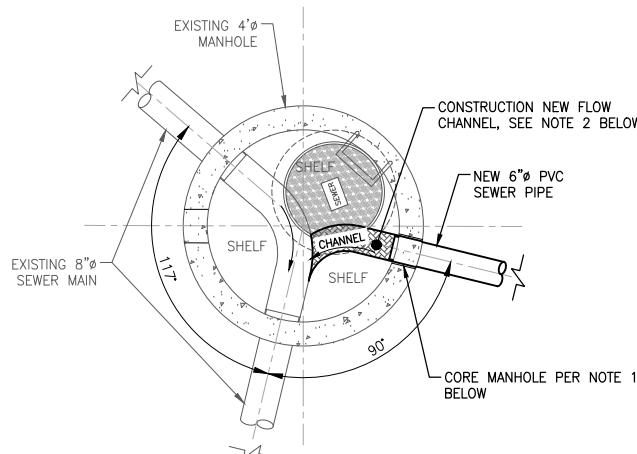
C3.0	WYDOT/TCSD SEWER LINE	SEWER PLAN & PROFILE
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# NELSON ENGINEERING

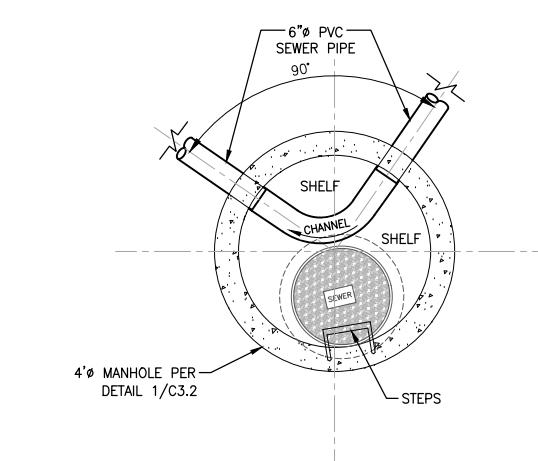


## SEWER PLAN & PROFILE

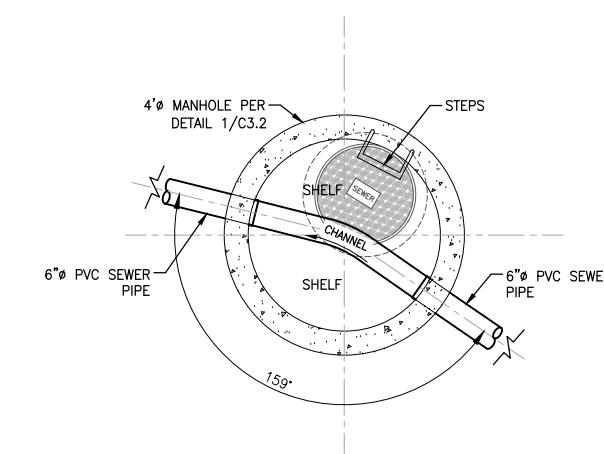
SCALE: 1" = 40' (11X1)



1 PLAN VIEW - EXISTING MANHOLE MH-A  
62.1

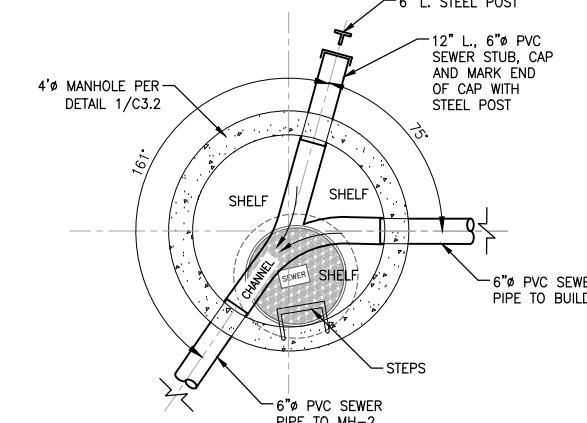


### MANHOLES.



NOTES:

1. INSTALL SEWER PIPE AT ELEVATIONS AND SLOPES NOTED ON SHEETS C3.0 & C3.1.
2. COMPLY WITH REQUIREMENTS OF SECTION 33 05 60 - CONCRETE MANHOLES.

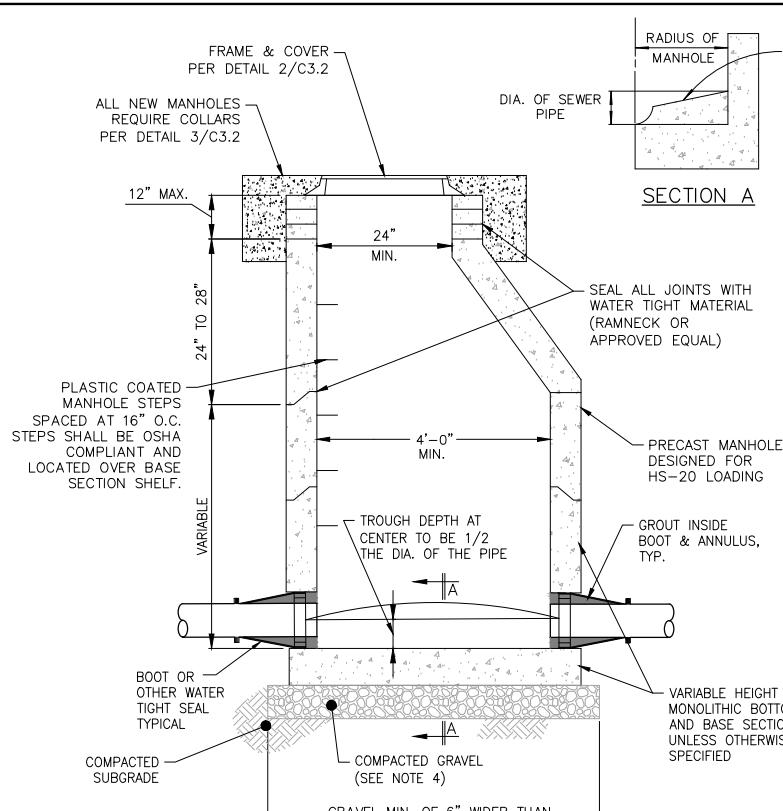


NOTES:

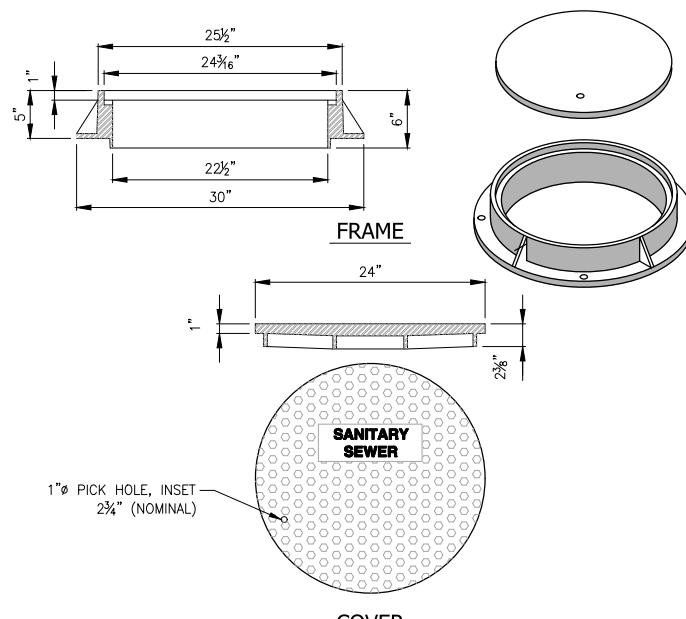
1. INSTALL SEWER PIPE AT ELEVATIONS AND SLOPES NOTED ON SHEETS C3.0 & C3.1.
2. COMPLY WITH REQUIREMENTS OF SECTION 33 05 60 - CONCRETE MANHOLES.



NELSON ENGINEERING		REV. 1-28-19	
		1/28/19	
		SURVEYED	NE
		ENGINEERED	Jlk
		DRAWN	
		CHECKED	
		APPROVED	
DRAWING NO <b>C3.1</b>		JOB TITLE <b>WYDOT/TCSD SEWER LINE</b>	
JOB NO <b>WSD# 1155</b>		SEWER PLAN & PROFILE	
NAME# 18-322-01		WYDOT FACILITY - DISTRICT NO. 3 TETON COUNTY, WY	
		<b>AS-BUILT</b>	
		P.O. BOX 1599, JACKSON WYOMING (307) 733-2087	

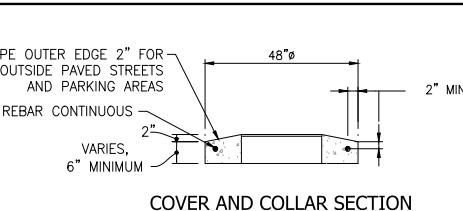
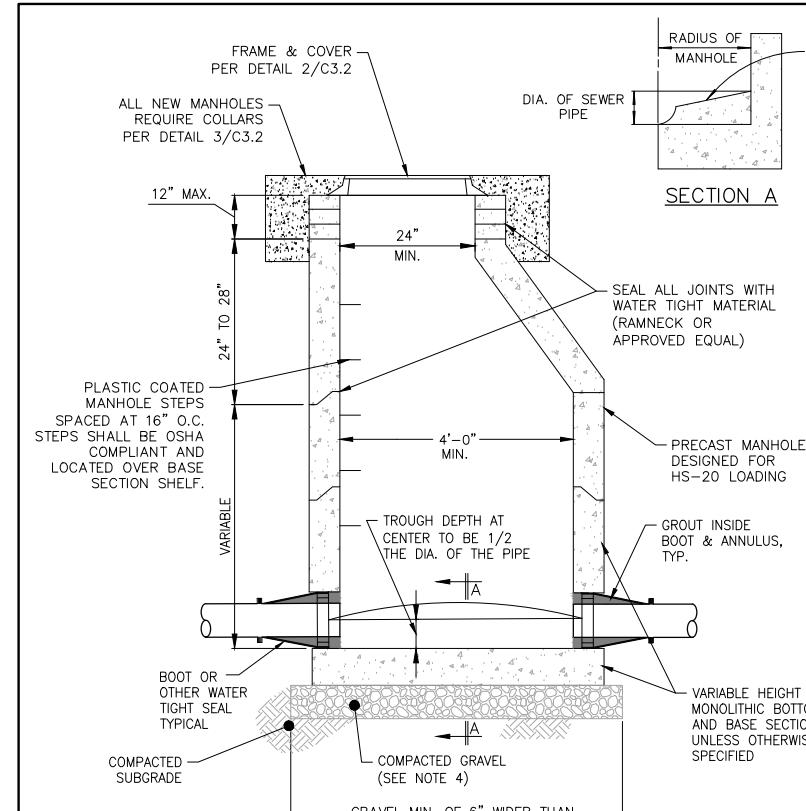


1 TYPICAL MANHOLE DETAIL  
C3.2  
SCALE: N.T.S.

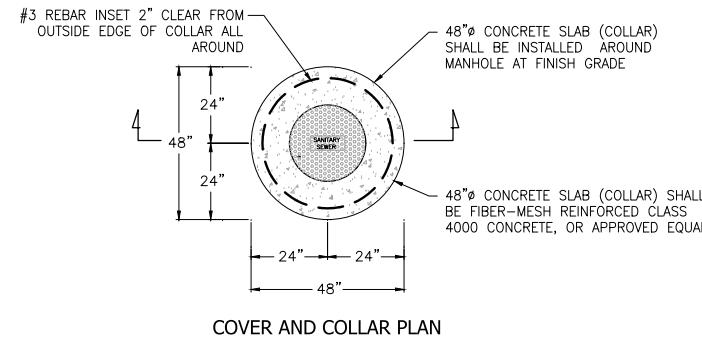


NOTES:  
1. FRAME AND COVER SHALL BE MODEL NO. A-1055, AS MANUFACTURED BY D&L SUPPLY OF LINDON, UTAH, MODIFIED AS SHOWN, OR APPROVED EQUAL.  
2. LETTERING SHALL BE 1" IN HEIGHT.  
3. FROST PROOF FRAME AND COVERS, WHERE CALLED FOR IN THE PLANS, SHALL BE MODEL NO. A-1019 WITH 1" TH. ST. FROST PROOF LID, AS MANUFACTURED BY D&L SUPPLY OF LINDON, UTAH, MODIFIED AS SHOWN, OR APPROVED EQUAL.

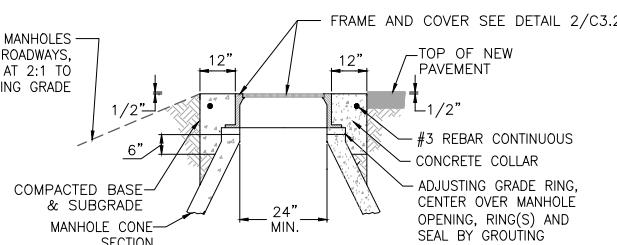
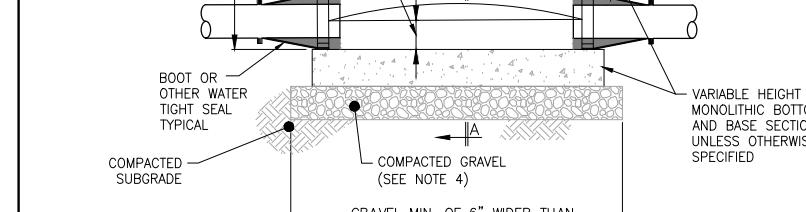
2 SEWER MANHOLE FRAME & COVER  
C3.2  
SCALE: N.T.S.



SECTION A



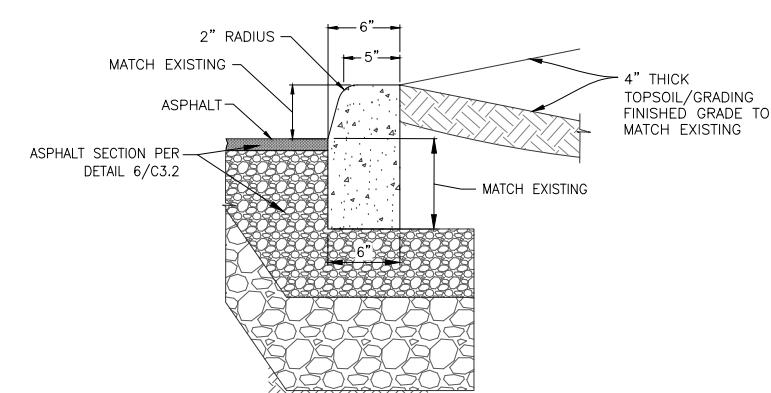
COVER AND COLLAR PLAN



ADJUSTMENT DETAIL

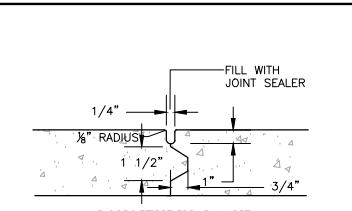
NOTES:  
1. ADJUST MANHOLE UPWARD WITH ADJUSTING RINGS UNDER FRAME. ADJUST MANHOLE DOWNWARD BY REMOVING A PORTION OF THE MANHOLE RISER AND REBUILDING TO PROPER HEIGHT.  
2. MANHOLE RIM SHALL BE A MINIMUM OF 6" ABOVE FINISH GRADE FOR MANHOLES OUTSIDE OF STREETS.  
3. SLOPE MANHOLE RING AS REQUIRED TO MATCH STREET GRADE AND CROSS SLOPE.  
4. FOR MANHOLES IN PAVED AREAS, MAKE FINAL MANHOLE ADJUSTMENT AFTER PAVING AND BEFORE SEAL COATING.

3 MANHOLE COLLAR DETAIL  
C3.2  
SCALE: N.T.S.

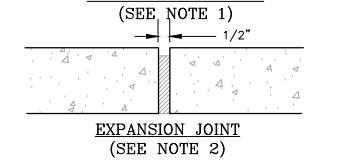


NOTES:  
1. SUBGRADE COMPACTION SHALL CONFORM TO SPECIFICATIONS. BASE AND SUBBASE BACKFILL, INCLUDING THICKNESS, UNDER VERTICAL CURBS SHALL MATCH DETAIL 6/C3.2.  
2. 1/2" EXPANSION JOINT MATERIAL SHALL BE PLACED AT P.C., P.T. AND CURB TURNS. SEE DETAIL 4/C3.2, ABOVE.  
3. CONTRACTION JOINTS SHALL BE CONSTRUCTED BY SAWING OR SCORING. WHEN SCORING, A TOOL SHALL BE USED WHICH WILL LEAVE CORNERS ROUNDED AND DESTROY AGGREGATE INTERLOCK FOR SPECIFIED MINIMUM DEPTH.  
4. CONCRETE FOR CURBS SHALL BE CLASS 4000.  
5. COMPLY WITH APPLICABLE REQUIREMENTS OF SECTION 33 13 13 - CONCRETE PAVEMENT.

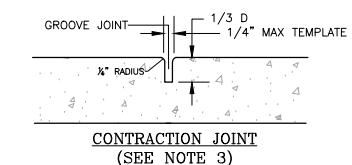
5 VERTICAL CURB  
C3.2  
SCALE: N.T.S.



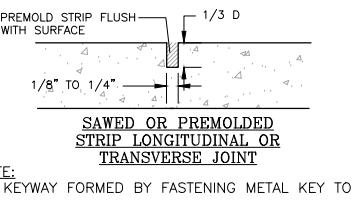
LONGITUDINAL AND TRANSVERSE CONSTRUCTION JOINT  
(SEE NOTE 1)



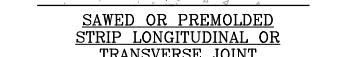
EXPANSION JOINT  
(SEE NOTE 2)



CONTRACTION JOINT  
(SEE NOTE 3)

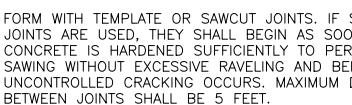


PREMOLD STRIP FLUSH  
WITH SURFACE

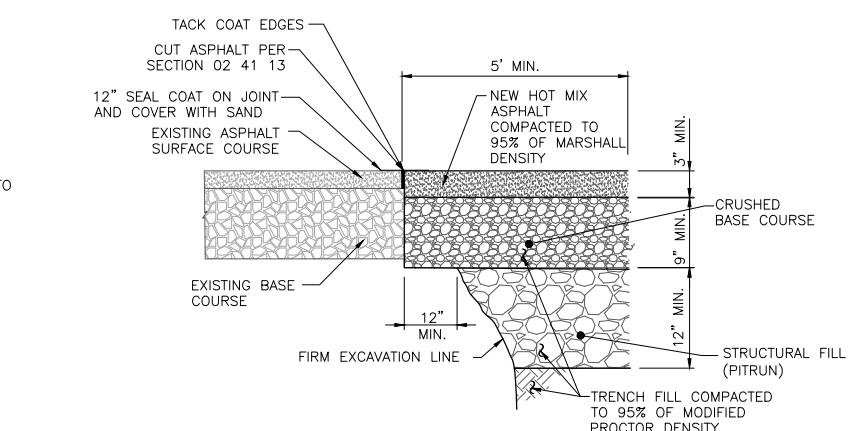


SAWED OR PREMOLDED  
STRIP LONGITUDINAL OR  
TRANSVERSE JOINT

NOTE:  
1. KEYWAY FORMED BY FASTENING METAL KEY TO FORM.  
2. 1/2" PREMOLDED NON-EXTRUDING EXPANSION JOINT MATERIAL TO MEET AASHTO M-59. EXPANSION MATERIAL SHALL BE INSTALLED WHEN ABUTTING EXISTING CONCRETE OR FIXED STRUCTURES SUCH AS INLETS AND DRIVEWAYS, AND EVERY 50 FEET ON LONG STRAIGHT CONCRETE STRETCHES.  
3. FORM WITH TEMPLATE OR SAWCUT JOINTS. IF SAWCUT JOINTS ARE USED, THEY SHALL BEGIN AS SOON AS CONCRETE IS HARDENED SUFFICIENTLY TO PERMIT SAWING WITHOUT EXCESSIVE RAVELING AND BEFORE UNCONTROLLED CRACKING OCCURS. MAXIMUM DISTANCE BETWEEN JOINTS SHALL BE 5 FEET.

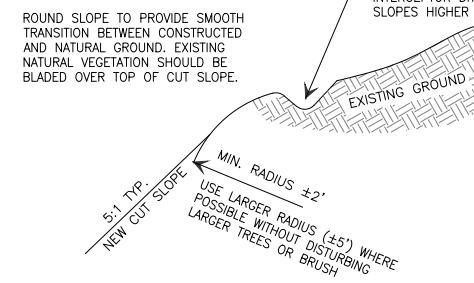
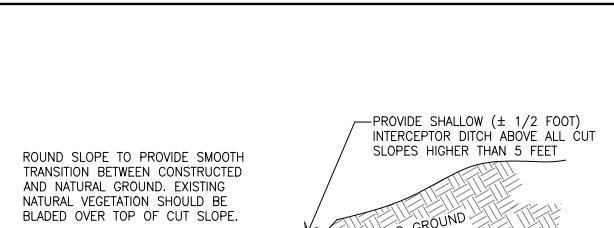


4 CONCRETE JOINTS  
C3.2  
SCALE: N.T.S.

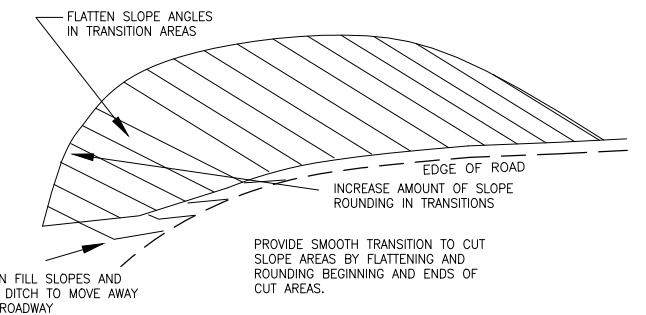


NOTES:  
1. SUBGRADE SHALL BE PROOF-ROLLED AND APPROVED BY ENGINEER IN ACCORDANCE WITH SECTION 31 20 00 PRIOR TO BACKFILL OF SUB-BASE AND BASE.  
2. BITUMINOUS MATERIAL SHALL MEET THE APPLICABLE REQUIREMENTS OF SECTION 32 12 13 - BITUMINOUS MATERIALS.  
3. REPLACEMENT ASPHALT THICKNESS SHALL BE 1" GREATER THAN EXISTING AND NO LESS THAN 3" MINIMUM.  
4. ASPHALT SHALL BE PLACED IN TWO (2) LIFTS, EACH NO LESS THAN 1 1/2" IN THICKNESS, AND COMPACTED TO 95% OF MARSHALL DENSITY.  
5. COMPLY WITH APPLICABLE REQUIREMENTS OF SECTION 33 12 16 - ASPHALT PAVING.  
6. REPLACE PAVEMENT MARKINGS AND STRIPING WITHIN AREAS RECEIVING NEW PAVEMENT IN ACCORDANCE WITH SECTION 31 17 23 - PAVEMENT MARKINGS.

6 ASPHALT PATCH REPAIR SECTION  
C3.2  
SCALE: N.T.S.



7 SLOPE ROUNDING DETAIL  
C3.2  
SCALE: N.T.S.



8 SLOPE TRANSITION DETAIL  
C3.2  
SCALE: N.T.S.

DATE	1/20/18	REV.
SURVEYED	NE	1-28-19
ENGINEERED	JRK	
DRAWN		
CHECKED		
APPROVED		

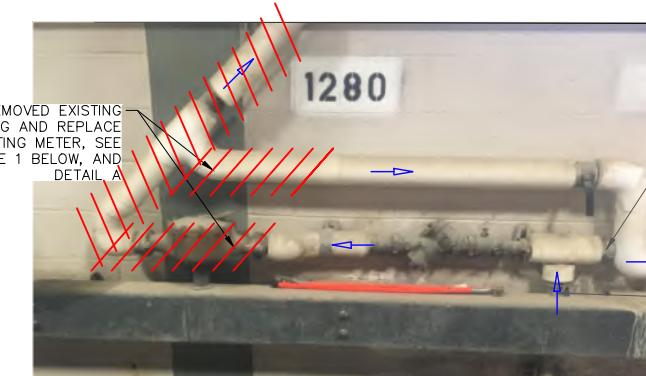
**NELSON  
ENGINEERING**

P.O. BOX 1599, JACKSON WYOMING (307) 733-2087

DRAWING NO	JOB TITLE	DRAWING TITLE	SITE CIVIL DETAILS	AS-BUILT
C3.2	WYDOT/TCSD SEWER LINE	WYDOT FACILITY - DISTRICT NO. 3		

**DUBBE MOULDER  
ARCHITECTS**  
1160 Alpine Lane, Ste 2A  
P.O. Box 3227  
Jackson, WY 83002  
(307) 733-9951  
37 North First Street  
P.O. Box 169  
Dodge City, KS 67801  
(216) 354-0151

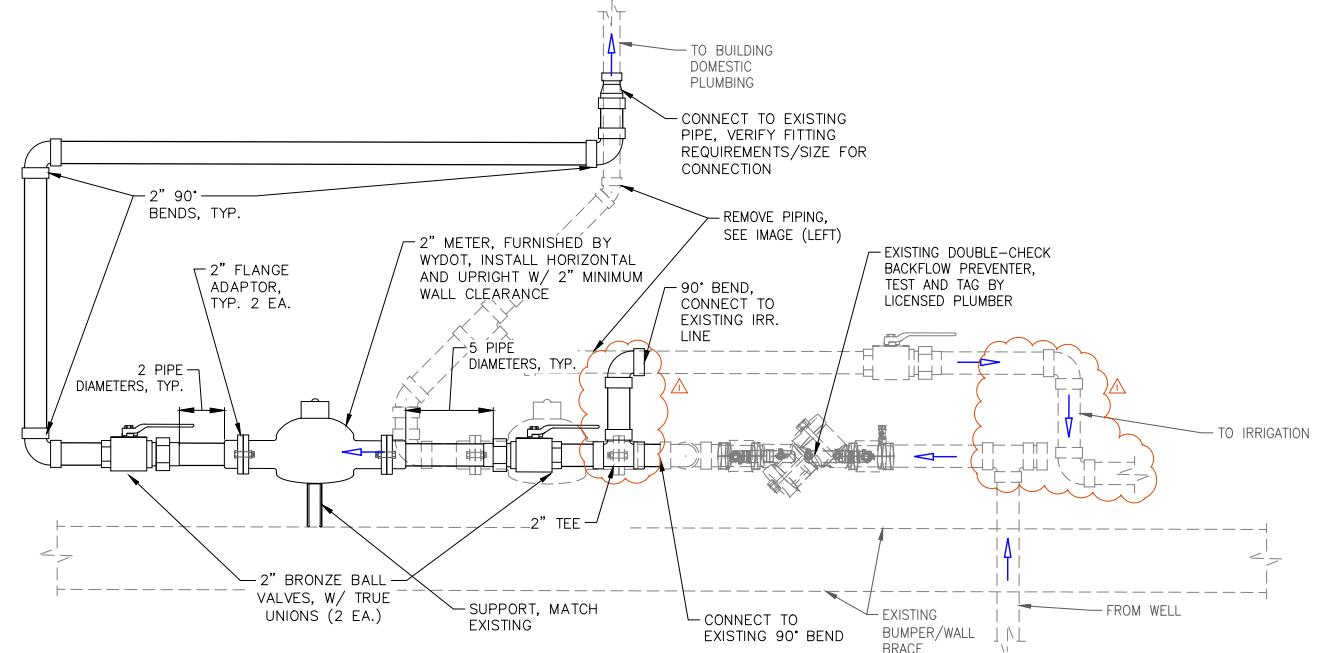




NOTE: THIS IS A CAP AND NOT A CONNECTION TO THE EXISTING PIPE

TO IRRIGATION

LINE FROM WELL



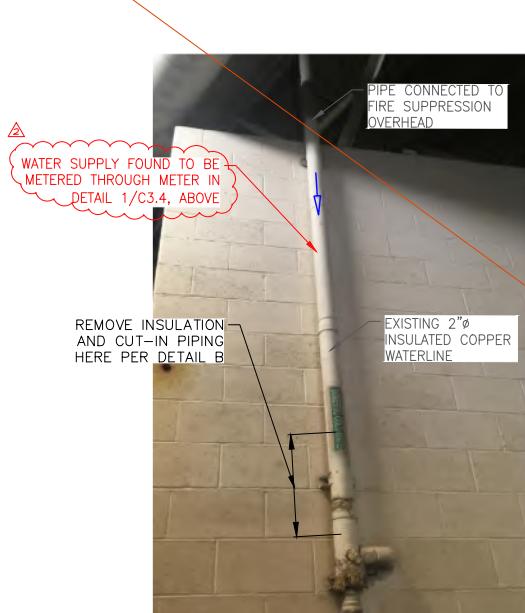
DETAIL A

NOTES:

1. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING METER. NEW METER SHALL BE SUPPLIED BY THE TOWN OF JACKSON AND FURNISHED TO CONTRACTOR BY WYDOT.
2. WORK SHALL BE COMPLETED BY A LICENSED PLUMBER IN ACCORDANCE WITH SECTION 22 11 16. PLUMBING PARTS AND INSTALLATION SHALL COMPLY WITH ADOPTED PLUMBING CODES.
3. BUILDING WATER SERVICE INTERRUPTIONS SHALL BE COORDINATED WITH ENGINEER/OWNER AND TAKE PLACE OUTSIDE OF NORMAL WORK HOURS OF THE WYDOT FACILITY.
4. CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY FITTINGS, PIPE AND COMPONENTS TO COMPLETE THE METER INSTALLATION. PIPE AND ANGLE FITTINGS SHALL BE ASTM B88, TYPE K COPPER W/ SOLDER JOINTS, MATCH EXISTING, OR APPROVED EQUAL.
5. DISINFECT ALL WETTED PARTS PRIOR TO INSTALLATION AND FLUSH WATER LINES FOLLOWING INSTALLATION IN ACCORDANCE WITH AWWA C651.
6. PER PLUMBING CODE, PROVIDED DIELECTRIC INSULATORS AND CONNECTORS TO PREVENT ELECTROLYSIS BETWEEN DISSIMILAR METALS.
7. INSULATE ALL EXPOSED PIPING; INSULATION SHALL MATCH EXISTING, OR APPROVED EQUAL.

1 C3.4 DOMESTIC/CULINARY - METER REPLACEMENT DETAIL

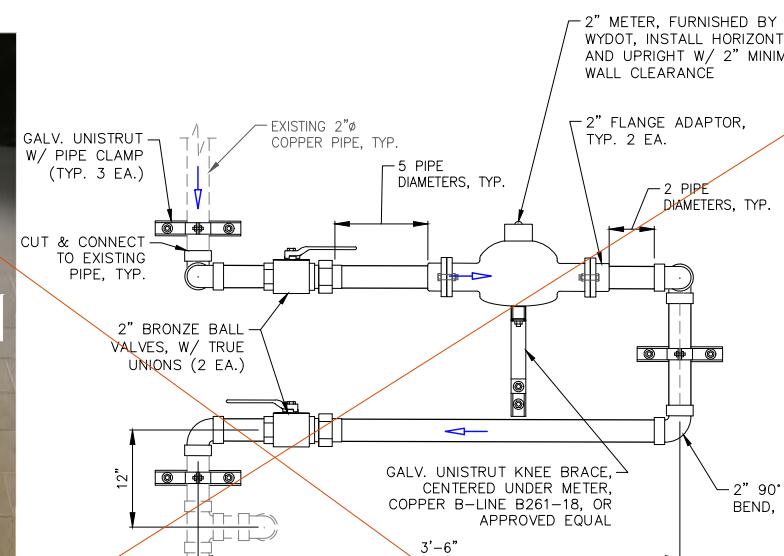
SCALE: NTS



PIPE CONNECTED TO FIRE SUPPRESSION OVERHEAD

EXISTING 2" INSULATED COPPER WATERLINE

REMOVE INSULATION AND CUT-IN PIPING HERE PER DETAIL B



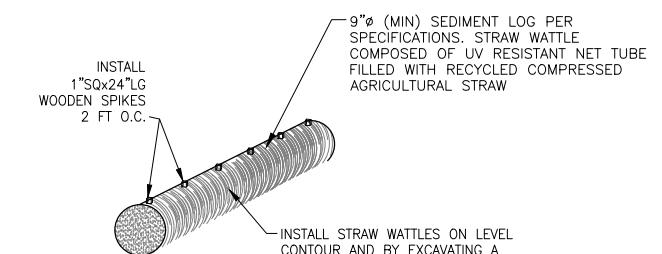
DETAIL B

NOTES:

1. WORK SHALL BE COMPLETED BY A LICENSED PLUMBER IN ACCORDANCE WITH SECTION 22 11 16. PLUMBING PARTS AND INSTALLATION SHALL COMPLY WITH ADOPTED PLUMBING CODES.
2. NEW METER SHALL BE SUPPLIED BY THE TOWN OF JACKSON AND FURNISHED TO CONTRACTOR BY WYDOT.
3. BUILDING WATER SERVICE INTERRUPTIONS SHALL BE COORDINATED WITH ENGINEER/OWNER.
4. PIPE AND ANGLE FITTINGS SHALL BE ASTM B88, TYPE K COPPER W/ SOLDER JOINTS, MATCH EXISTING, OR APPROVED EQUAL.
5. WITH EXCEPTION TO THE METER, CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY FITTINGS, PIPE AND COMPONENTS TO COMPLETE THE METER INSTALLATION.
6. DISINFECT ALL WETTED PARTS PRIOR TO INSTALLATION AND FLUSH WATER LINES FOLLOWING INSTALLATION IN ACCORDANCE WITH AWWA C651.
7. PER PLUMBING CODE, PROVIDED DIELECTRIC INSULATORS AND CONNECTORS TO PREVENT ELECTROLYSIS BETWEEN DISSIMILAR METALS.
8. INSULATE ALL EXPOSED PIPING; INSULATION SHALL MATCH EXISTING, OR APPROVED EQUAL.

2 C3.4 WASH BAY - METER INSTALLATION DETAIL

SCALE: NTS



NOTE:

1. STRAW WATTERS SHALL BE INSTALLED TO LIMIT MIGRATION OF SOIL CAUSED BY STORM WATER RUNOFF IN ORDER TO PROTECT ADJACENT WATER BODIES AND NEIGHBORING PROPERTIES.
2. MAINTAIN WATTER IN-PLACE UNTIL EXPOSED SOILS HAVE RE-EGEATED SUFFICIENTLY TO PREVENT EROSION.
3. CONTINUOUS RUNS OF STRAW WATTER SHALL BE MADE BY ABUTTING ENDS OF INDIVIDUAL WATTERS WITH NO GAPS BETWEEN.

3 C3.4 STRAW WATTER DETAIL

SCALE: N.T.S.

**NELSON  
ENGINEERING**

P.O. BOX 1599, JACKSON WYOMING (307) 733-2087

DATE	1/20/19	REV.
SURVEYED	NE	1-28-19
ENGINEERED	JK	
DRAWN		
CHECKED		
APPROVED		

DRAWING NO	JOB TITLE	WYDOT/TCSD SEWER LINE	WATER METER DETAILS	DRAWING TITLE
C3.4	WYDOT FACILITY - DISTRICT NO. 3 TETON COUNTY, WY	WYDOT# 1155 SPT# 18-332-01 NE# 18-332-01	AS-BUILT	WATER METER DETAILS

# **APPENDIX D**

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## **Proposed WYDOT Employee Housing Dev. Plan**



DRAWING NO EX. A	JOB TITLE WYDOT EMPLOYEE HOUSING WYDOT FACILITY - DISTRICT NO. 3	DRAWING TITLE CONCEPTUAL PLAN SEWER CONNECTION	DATE 7-8-2021	REV. NE
20-234-01			SURVEYED ENGINEERED DRAWN CHECKED APPROVED	JMK

**NELSON ENGINEERING**  
P.O. BOX 1599, JACKSON WYOMING (307) 733-2087