

Welcome to tonight's City Council meeting!

The elected officials of the City of Bonners Ferry are appreciative of an involved constituency. Testimony from the public is encouraged concerning issues when addressed under the Public Hearing portion of the agenda. Any individual who wishes may address the council on any issue, whether on the agenda or not, during the Public Comments period. Normal business will preclude public participation during the business portion of the meeting with the discretion left to the Mayor and Council. Special accommodations to see, hear, or participate in the public meeting should be made at City Hall within two days of the public meeting.

Vision Statement

Bonners Ferry, "The Friendliest City", strives to achieve balanced growth, builds on community strengths, respects natural resources, promotes excellence in Government, and values quality of life. We are a city that welcomes all people.

AGENDA
CITY COUNCIL MEETING
Bonners Ferry City Hall
7232 Main Street
267-3105
February 1, 2022
6:00 pm

Join video Zoom meeting: <https://us02web.zoom.us/j/176727634>

Meeting ID: 176727634

Join by phone: 253-215-8782

PLEDGE OF ALLEGIANCE

PUBLIC COMMENTS

Each speaker will be allowed a maximum of three minutes, unless repeat testimony is requested by the Mayor/Council.

REPORTS

Police/Fire/City Administrator/City Engineer/Economic Development Coordinator/Urban Renewal District/SPOT/Golf

CONSENT AGENDA – {action item}

1. Call to Order/Roll Call
2. Approval of Bills and Payroll
3. Approval of the January 18, 2022 Council meeting minutes, January 21, 2022 Special Council meeting minutes

OLD BUSINESS

NEW BUSINESS

4. **Sewer** – Consider Resolution 2022-2-1 for the City Sewer Standards (attachment) {action item}
5. **Sewer** – Have the first reading by title only of Ordinance #602 for amendments to Title 10, Chapter 3 and approve the publication summary (attachment) {action item}
6. **Sewer** – Suspend the reading rules and adopt Ordinance #602 for the City Sewer Ordinance

ADJOURNMENT



MEMO

CITY OF BONNERS FERRY
OFFICE OF THE CITY ADMINISTRATOR

TO: Mayor and City Council
FROM: Lisa Ailport, City Administrator *LMA*
DATE: January 28, 2022
RE: Admin Update

The following update is provided to the Mayor and Council for review and consideration.

AIC's City Officials' Day at the Capitol:

Last Thursday, January 20, 2022, AIC met at the capitol to meet with legislators regarding current and future bills that may affect cities across the state. We heard from our Governor regarding the 1.9 billion in surplus and how that will be discussed and hopefully appropriated this year by the House and Senate. We also heard from the State Controllers office, DEQ and Department of Water Resources about opportunities for grants and compliance with ARPA dollars. After the session at the capitol, the AIC members and their representative met to have lunch and discuss more about the session which is under way.

It was well attended event and I thank the Council for supporting me to go. In the future, I would urge that any member of the Council interested in attending should make the time to come down. There were many Mayors and Councilmen and women who made the trek to Boise to hear from and meet with their representation.

Comprehensive Plan Update

The Consultant and the Planning and Zoning Commission would like to host a comprehensive plan kick off on February 17th at 6:00pm at City Hall. We would like to encourage the publics attendance to hear how the comprehensive plan update will occur.

Energy Efficiency Program

The City's energy efficiency program ended its last term on September 30th of last year. A summary of the projects that we funded is provided below. The new two-year cycle started on October first. The city currently has \$91,000 to invest in energy efficiency over the next two

years. We are working with local businesses and the school district to evaluate projects where we can invest these dollars.

BPA Conservation Dollars Project	Money Reimbursed	Kilowatt Savings
Bonnors Ferry Middle School	\$3,684.00	166,192
Bonnors Ferry High School	\$1228.00	19,323
Valley View Elementary	\$400.00	7,954
North Idaho Energy Log	\$41,028	330,460
Second Chance Animal Shelter	\$264.00	11,395
Totals	\$46,604	535,324

This concludes my report.

**MINUTES
CITY COUNCIL MEETING
Bonners Ferry City Hall
7232 Main Street
267-3105
January 18, 2022
6:00 pm**

Council President Rick Alonzo called the Council meeting of January 18, 2022, to order at 6:00 pm. Present for the meeting were: Council Members Brion Poston, Valerie Thompson and Ron Smith. Also, present were: City Clerk/Treasurer Christine McNair, City Attorney Andrakay Pluid, Police Chief Brian Zimmerman, Street Superintendent Scooter Drake, City Mechanic Jimmy Dorhofer. Members of the public present were: Jerry Higgs, David Clark, Dave Gray, Robert Rains, Donna Thomas, Bethanne Melekian, Ingrid Glenn, Jeff Willard, Denise Lukenbach, Eugene Lukenbach, Carolyn Davis, Ted Ludlum, Amy Roemelen, Gail Thompson, Marshall Thompson, Jim Fuentes, Karen Hansen, Linda Fioravanti, Steve Fioravanti, Fred Meyer, Jeff Clark, Hillary Craly, Jeanine Betsher, Tibo Bago, Fay Almond, Darlene Young, Robert Young and Zach Ellsberry.

PLEDGE OF ALLEGIANCE

PUBLIC COMMENTS

Robert Rains, Donna Thomas, Bethanne Melekian, Jeff Willard, Denise Lukenbach, Eugene Lukenbach, Amy Roemelen, Jim Fuentes, Karen Hansen, Linda Fioravanti, Steve Fioravanti, Fred Meyer, Jeff Clark, Hillary Craly, Jeanine Betsher, Tibor Bago, Zach Ellesberry spoke regarding ARPA funds.

Dave Gray spoke about the museum.

REPORTS

No reports were given.

CONSENT AGENDA – {action item}

1. Call to Order/Roll Call
2. Approval of Bills and Payroll
3. Approval of the January 4, 2022 Council meeting minutes, January 5, 2022 Special Council meeting minutes
4. Treasurer's Report

Valerie Thompson moved to approve the consent agenda with changes to the minutes given to Christine. Ron Smith seconded the motion. The motion passed. Brion Poston – yes, Valerie Thompson – yes, Rick Alonzo – yes, Ron Smith – yes

OLD BUSINESS

NEW BUSINESS

5. **Electric** – Discuss joining the Idaho Mutual Assistance Group (attachment) {action item}

Mike learned about this group at the Idaho Consumer Owned Utilities conference. This group will assist in helping find crews to help restore power if our crew is unable to restore power on our own. Valerie Thompson moved to approve the Mayor to sign the Idaho Mutual Assistance Group signatory page. Brion Poston seconded the motion. The motion passed. Ron Smith – yes, Rick Alonzo – yes, Valerie Thompson – yes, Brion Poston – yes

6. **City** – Consider Resolution 2022-1-12 for use of American Rescue Plan Act funds to purchase of a 2014 loader mount snow blower (attachment) {action item}

Ron Smith moved to table this until a later date. Valerie Thompson seconded the motion. The motion passed. Brion Poston – yes, Valerie Thompson – yes, Rick Alonzo – yes, Ron Smith – yes

7. **City** – Consider authorizing the Mayor to sign the contract with Innovate for GIS work (attachment) {action item}

Mike said this is a base contract for future task orders. Valerie Thompson moved to authorize the Mayor to sign the contract with Innovate for mapping work. Ron Smith seconded the motion. The motion passed. Ron Smith – yes, Rick Alonzo – yes, Valerie Thompson – yes, Brion Poston – yes

INFORMATION

Comprehensive Plan Update (attachment)

ADJOURNMENT

The meeting adjourned at 6:35 pm

**MINUTES
SPECIAL CITY COUNCIL MEETING
Bonners Ferry City Hall
7232 Main Street
267-3105
January 21, 2022
3:00 pm**

Council President Rick Alonzo called the Council meeting of January 21, 2022, to order at 3:00 pm. Present for the meeting were: Council Members Brion Poston, Valerie Thompson and Ron Smith. Also, present were: City Clerk/Treasurer Christine McNair, City Attorney Andrakay Pluid, Police Officer Scott Davis, Street Superintendent Scooter Drake, City Mechanic Jimmy Dorhofer. Members of the public present were: Jerry Higgs, David Clark, Dave Gray, Ross Novinger, Linda Fioravanti, Steve Fioravanti, Rene Larson, Donna Capurso, Nadine Sulier, Jeff Clark, Marshall Thompson, Singhe Imoto, Jim Fuentes, Mike Slonaker, Warren Campbell, Robert Lavala, Linda Fontanes, Starlee Prospero, Kendra Martin, Emily Bosant, Jeff Willard, Jana Moseley, Mark Moseley, Mariann Moseley, Glenda Novinger, Hal Bishop, Bethanne Melekian, Lorene Williams, Linda Elliston, Tod Engel, Chad Chatron, Eric Lindenbusch, Mary Cook, Fay Almond, Ed Earnest, John Earnest, Robert Rains and Carolyn Davis

OLD BUSINESS

Rick Alonzo reversed the order of the agenda.

1. **City** – Consider purchase of a 2014 loader mount snow blower (attachment) {action item}
2. **City** – Consider Resolution 2022-1-21 for use of American Rescue Plan Act funds to purchase of a 2014 loader mount snow blower (attachment) {action item}

Ron Smith said tabling the motion at the previously was a mistake. Ron said Lisa and Andrakay have both checked out the funds to make sure they were okay to accept. Ron read a comment from Andrakay stating the purchase of the snowblower will be an allowable use of the ARPA funds. Brion said he read information from Sage Dixon's office and didn't find anything negative about the ARPA funds. Ron Smith moved to adopt Resolution 2022-1-21 for use of American Rescue Plan Act funds to purchase a 2014 loader mount snow blower. Brion Poston seconded the motion. The motion passed. Brion Poston – yes, Valerie Thompson – yes, Ron Smith – yes, Rick Alonzo – yes

ADJOURNMENT

The meeting adjourned at 3:07 pm.



MEMO

CITY OF BONNERS FERRY
CITY ENGINEER

TO: Mayor and City Council
FROM: Mike Klaus, City Engineer
DATE: January 27, 2022
RE: City Sewer Standards

Staff has been working on the development of the City sewer standards to accompany the re-written sewer ordinance that is also on the agenda for adoption. The attached standards reflect commonly accepted features with city sewer standards and line up closely with the Idaho Standards for Public Works Construction. I recommend the adoption of the attached sewer standards by the City Council.

Please contact me with any questions you may have regarding these proposed standards.

Thank you,

A handwritten signature in blue ink that reads "Mike".

Mike

CITY OF BONNERS FERRY

RESOLUTION NO. 2022-2-1

A RESOLUTION OF THE CITY OF BONNERS FERRY, IDAHO ADOPTING THE *CITY OF BONNERS FERRY SEWER STANDARDS*.

WHEREAS, the City of Bonners Ferry has enacted Sewer Ordinance #602 that references the City of Bonners Ferry Sewer Standards

WHEREAS, the attached Sewer Standards contain the guidelines and standard drawings for engineers, developers, and contractors that will govern the design and construction of sewer infrastructure for the City of Bonners Ferry.

NOW THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF BONNERS FERRY, IDAHO THAT:

Section 1: Adoption of the City of Bonners Ferry Sewer Standards. The City Council hereby adopts the attached Sewer Standards as referenced in the Sewer Ordinance #602:

Section 2: Effective Date. This resolution shall take effect in conjunction with the effective date of Sewer Ordinance #602

This Resolution is hereby **ADOPTED** and made **EFFECTIVE** by the City of Bonners Ferry this _____ day of _____, 2022.

CITY OF BONNERS FERRY, IDAHO

BY: _____
Mayor, James R. Staples

Attest:

Clerk, Christine McNair

City of Bonners Ferry

Sewer Standards



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Standard Drawings

- Standard Manhole
- External Drop Manhole
- Manhole Frame/Cover
- Sewer Service Lateral
- Sewer Service Lateral Marker
- Manhole Collar
- Sewer Tapping Saddle
- Sewer Trench Backfill

1.0 Standards for Sanitary Sewer Systems

These Standards contain the design criteria and improvement standards for the extensions or connections to the City of Bonners Ferry Sanitary Sewer System. The conditions apply to all improvements made by both public agencies and private developers. These improvements may include the following:

- Sewer main extensions, modifications, and replacements.
- Sewer Lateral connections to City mains.
- Sewer lift stations.

2.0 Plan Approval and Permits

The construction of sanitary sewer extensions within the City service area requires the approval of the City. No construction shall be permitted until the Engineering Plans have been reviewed and approved by the City and the Idaho Department of Environmental Quality (IDEQ).

3.0 Sanitary Sewer System Design Requirements

All sanitary sewer systems shall conform to the design requirements and criteria set forth in the following references:

- These City Standards.
- IDEQ standards per IDAPA 58.01.16.
- The Idaho Standards for Public Works Construction (ISPWC), latest edition.
- The Recommended Standards for Wastewater Facilities (aka 10 State Standards), latest edition.

Where standards may be in conflict, the City Engineer will decide as to which standards reflects the best interest of the City. Where a City standard does not exist for proposed infrastructure, ISPWC standards and the 10-State Standards will be used.

Sanitary sewers shall be extended to the limits of the respective property being served. The extension shall be of size and profile grade necessary to be extended to other properties upstream in the future. In cases where the plan does not require future extension, the sewer system shall be extended as necessary to serve the affected property.

4.0 Design Standards

4.1 Diameter

The minimum diameter sanitary sewer main shall be 8". Larger diameters may be required to accommodate capacity or to minimize grades.

4.2 Velocity and Slope

All sanitary sewers shall be designed and constructed to provide a minimum velocity of 2 fps flowing full. The maximum non-restrained pipe allowable velocity shall be 10 fps. For velocities exceeding 10 fps, pipe anchors shall be required with a detailed drawing submitted to the City for approval by the Engineer. Table 4-1 provides the minimum slopes for sanitary sewers as permitted by the City.

Table 4-1

Sewer Pipe Size (Inches)	Minimum Slope
4" Lateral	2.00%
6" Lateral	1.00%
8"	0.40%
10"	0.28%
12"	0.22%
15"	0.15%
18"	0.12%

Variations to Table 4-1 may be allowed by City Engineer, if main is being rebuilt between existing manholes that have already been adopted by the City.

4.3 Alignment, Grade, and Depth

All sewers shall be designed and constructed with a straight alignment and continuous profile grade between manholes. The minimum bury depth for sewer mains is 60". Bury depths less than 60" must be preapproved by the City.

4.4 Water/Sewer Separations

All sanitary sewer mains shall be located at least 10 feet horizontally from any water main. Any deviations from this standard must meet the IDEQ requirements for water/sewer separations. Vertical separations of water and sewer main crossings must also meet IDEQ requirements.

4.5 Sanitary Sewer Manholes

A. Locations

Sanitary sewer manholes are required at the following locations:

1. At the end of all sewer mains 8" and larger in diameter. When the main is to be extended in the future, the end of the line shall be a bell, plugged and marked with a 2" x 4" stake. Cleanouts are not acceptable in main line installations, except at the end of a dry or inactive sewer line which will be connected or extended in the future.
2. All changes in slope.
3. Changes in sewer main pipe diameter.
4. All connections to the main line 8" and larger.
5. Changes in sewer alignment.
6. Manholes shall be located at no more than 400' intervals.

B. Diameter

The minimum diameter of sewer manholes shall be 48" for sewer pipes up to 18" in diameter. Larger diameter manholes will be required for special configurations and sewer pipe larger than 18".

C. Cones

All standard City manholes shall have pre-cast eccentric cones except for special shallow manholes which may have concentric cones. All manholes shall be equipped with City

approved drop rung type safety steps. See Standard Manhole Drawing for other requirements.

D. Drop Connections

Outside drop connections shall be avoided whenever possible. When no other alternative is feasible, an outside drop connection will be required at all locations where the entering sewer is 24" or more above the outfall invert elevation. Line connections to manholes, or to stubs integral to a manhole, shall be made with approved flexible joints. Inside drop connections are not allowed unless the diameter of the manhole is increased an equal amount to compensate for the inclusion of the drop inside the manhole.

E. Channels

The sanitary sewer manholes shall be fully channeled to conform to the inside diameter of the sewer line from invert to spring line, then the channel shall be vertical to the top of the pipe. The shelves shall slope as shown on the Standard Sewer Manhole. All manhole section joints and pick holes shall be filled with grout and smooth finished outside and inside after installation.

F. Downstream Inverts

A minimum of a 0.1' drop from invert to invert across manholes is required. Where diameters change, the downstream invert shall be lowered so that the elevation of pipe crowns match. The maximum drop from invert to invert across manholes shall be 1'.

G. Soil Pressure

Care must be taken to ensure that pressures exerted on the soils beneath the manholes and the adjacent mains are approximately uniform. Unequal soil pressures may result in uneven settlement at manholes. A spread foundation or other measures may be required to reduce the unit load imposed by the manhole, if the bearing strength of the soil is insufficient or if groundwater may be an issue.

H. Manhole Penetrations

All manholes shall be provided with KOR-IN-SEAL type flex joints or sand collars meeting ASTM SDR-35 specifications or other materials as approved by the Engineer to allow slight differential movement.

I. Sewer Service Laterals

Lateral connections to mains will be in accordance with the City's standard drawings and the latest edition of the Uniform Plumbing Code, as adopted by the Idaho Department of Building Safety.

For multi-tenant sites such as multi-family or commercial uses, each building shall have a separate minimum 6" sewer lateral.

J. Pressure Sewer Laterals and Grinder Pumps

Where gravity flow for sewer laterals is not possible, a privately owned and maintained grinder pump system to service individual structures may be allowed with the following conditions:

1. The installation must be approved by the City Engineer or Sewer Department Superintendent.
2. Pump station is to be installed outside of the building served.
3. Service line is to enter main through lateral tap, and not a manhole unless specifically approved by the City Engineer and Sewer Superintendent.
4. Solids handling pumps are not allowed.

K. Excavations

All excavations within City rights-of-way or other public place requires an approved City Encroachment Permit prior to beginning any excavation. All excavated areas shall be protected at all times by fencing, covering with steel plates, or other means approved by the City.

5.0 Sanitary Sewer System Materials

5.1 Standards

All materials used for construction of City sewer mains, side sewers, and appurtenances, shall be new and undamaged. All materials to be used shall be subject to inspection by the Engineer prior to use. The Developer shall provide the Engineer with shop drawings and certificate of materials, as requested. All materials and equipment shall be installed in accordance with the manufacturer's recommended installation procedures and these Standards.

5.2 Gravity Sewer Pipe

Unless otherwise approved, all sewer pipes shall be solid wall PVC SDR 35, conforming to ASTM 3034 or 3035 specifications, PVC C900 ASTM D1784, High Density Polyethylene (HDPE), or ductile iron pipe Class 50 for force mains. The sewer pipe shall be clearly marked with the type, class, thickness, and manufacturer. The lettering shall be legible and printed at the factory.

5.3 Fittings

All sewer pipe fittings shall be of the same material as the pipe. The size of the cleanout shall be the same size as the sewer pipe. All fittings shall have rubber gaskets with manufactured pipe stops, integrally formed. Where dissimilar pipe materials cannot be avoided Romac couplings shall be utilized.

5.4 Pipe Trenching, Bedding, and Backfill

Pipe trenching, bedding and backfill to be completed in accordance with Standard Detail SS-8. Trench stabilization, where it is determined necessary by the City Engineer, will be per ISPWC Section 304 Trench Foundation Stabilization. The use of native material backfill must be specifically approved by the City Engineer prior to pipe installation.

6.0 Sanitary Sewer System Installation and Testing

6.1 Connection to Existing Sewer System

The connection between the new sanitary sewers and the existing sewer mains shall be plugged and tied off to the top manhole step and left in place until the new piping and the plugged manhole has been cleaned, pressure tested, TV camera inspected, and is ready for acceptance.

6.2 Sewer Pipe Cleaning

All sewer pipes shall be thoroughly cleaned by jet cleaning and cubing to remove any solids or construction debris that may have entered the pipe during construction, as approved by the Inspector. The Developer shall be responsible to ensure that material flushed from sewers are trapped, and do not enter the existing downstream system. The Inspector shall approve the Developer's method prior to cleaning sanitary sewer mains.

The rate of flushing shall be such that the flow will not overload the downstream sewer system. The flushing of a sewer main tributary to a downstream lift station shall be coordinated with the City to ensure that the lift station is not overloaded. In the event that the City finds debris in the downstream sanitary sewer system, the Developer shall be responsible for the removal and subsequent cleaning.

6.3 Pressure and Leakage Tests

All new sanitary sewer mains, extensions of existing mains, appurtenances and sewer services shall be pressure tested for leakage in accordance with ISPWC Section 500. All testing shall be observed by the City Engineer or designated City representative.

6.4 Closed-Circuit TV Inspection

All new sanitary sewer extensions will be TV camera inspected by the City prior to acceptance. Prior to TV camera inspection:

1. Sewer lines must be cleaned.
2. All construction must be completed and approved by the City Engineer or designated City representative.

3. The Developer shall bear all costs for correction of deficiencies found during TV inspection, including all costs for subsequent TV inspections to verify the correction of deficiencies.

4. Sags in sanitary sewer lines identified during the TV inspection greater than 0.5" shall be repaired by the contractor by removal and re-laying of the pipe. Repaired sections of pipe shall be TV inspected for verification prior to final inspection at the cost of the Developer as described above.

6.5 Vacuum Testing Sanitary Sewer Manholes

All new sanitary sewer manholes shall be vacuum tested by the City prior to acceptance to ensure that the manhole is air-tight and not susceptible to infiltration. On projects with more than one manhole, the Developer shall have all of the manholes ready for testing at finish grade and have access, by truck, to each manhole prior to scheduling the vacuum testing with the Inspector.

Manholes shall not be considered ready for testing until all grouting has been performed and the frame and cover have been grouted into place. It is the responsibility of the contractor to ensure all manholes are ready for testing prior to scheduling with the Inspector.

The Developer shall bear all costs for correction of deficiencies found during the vacuum testing and for all costs for additional testing by the City to verify correction of the deficiencies. Vacuum testing to be completed in accordance with ISPWC Section 502.

7.0 Sewer Lift Stations

7.1 General

Sewage pump stations will be approved on an individual basis. The proposed pump station must be designed with adequate capacity to provide service for the ultimate development of the potential service area. A pre-design meeting will be required with

the City Engineer and Sewer Department Superintendent to review current equipment and design requirements.

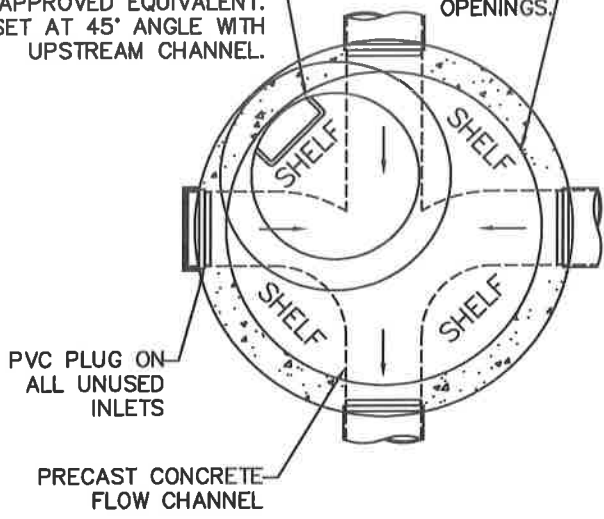
7.2 Basic Lift Station Design Requirements

1. All sewage pump stations shall be designed in accordance with IDEQ design requirements for sewage pump stations and force mains. The pump stations shall also be designed to meet the City of Bonners Ferry's Lift Station Standards.
2. Lift station pumps shall be manufactured by Flygt (or approved equal) and be housed by a OneLift pump station structure as manufactured by Oldcastle Concrete.
3. Each lift station will be equipped with a minimum of 2 pumps. Any lift station that receives wastewater from another lift station shall be equipped with three pumps.
4. All stations shall be provided with a back-up power generator equipped with an automatic transfer switch.

STANDARD DRAWINGS

"LANE" P-14938
STEPS OR OSHA
APPROVED EQUIVALENT.
SET AT 45° ANGLE WITH
UPSTREAM CHANNEL.

16" WALL DISTANCE
BETWEEN MANHOLE
OPENINGS.

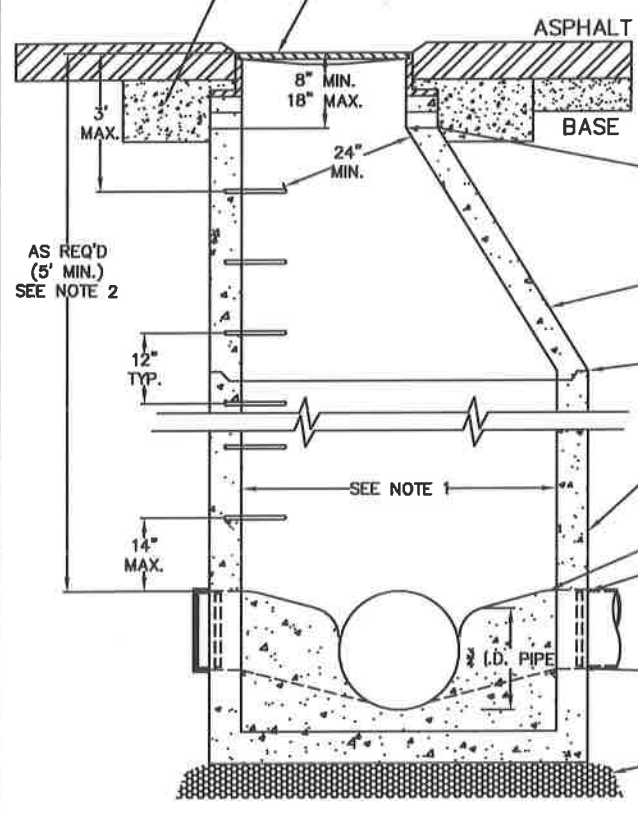


NOTES THIS DETAIL:

1. MANHOLE INSIDE DIAMETERS SHALL BE 48" FOR PIPE DIAMETERS 24" OR LESS, 60" FOR ANY PIPE DIAMETER GREATER THAN 24" AND/OR PIPE DEPTHS GREATER THAN 25'.
2. MANHOLES WITH PIPE DEPTHS LESS THAN 5' REQUIRE PRE-APPROVAL FROM THE CITY.
3. INVERT ELEVATIONS FOR STRAIGHT THROUGH CHANNELS SHALL HAVE 0.10' FALL FROM INLET TO OUTLET.
4. ALL MANHOLE PIPE PENETRATIONS SHALL BE INSTALLED WITH WATERTIGHT PVC SAND COLLARS CAST-IN-PLACE FOR NEW MANHOLES OR CORE & GROUT-IN-PLACE FOR EXISTING MANHOLES. BOOTS ARE NOT ACCEPTABLE.
5. PRIOR TO PAVING, FRAME AND COVER SHALL BE ADJUSTED TO 1/4" BELOW FINISH SURFACE ELEVATION & SECURED TO CONCRETE GRADE RINGS ON FULLY DEPRESSED RAMNECK OR APPROVED EQUIVALENT. BIODEGRADABLE MATERIALS ARE NOT ACCEPTABLE.
6. PRIOR TO PAVING, THICKENED COLLARS SHALL BE CONSTRUCTED & CURED.

THICKENED COLLAR
SEE STD. DWG. SS-6.

24" FRAME AND COVER
SEE STD. DWG. SS-3



CONCRETE GRADE RINGS. 24" CLEAR OPENING OR APPROVED EQUIVALENT.

PRECAST REINFORCED CONCRETE MONOLITHIC ECCENTRIC CONE SECTION. HEIGHT 2' MIN., 4' MAX. FLAT TOP MANHOLES ARE NOT ACCEPTABLE.

SEAL ALL JOINTS WITH RAMNEK OR MASTIC WATERTIGHT SEALANT EQUIVALENT.

PRECAST REINFORCED CONCRETE BASE AND BARREL SECTIONS. INSTALL TO H-20 LOADING REG.

CONCRETE SHELF SLOPE 1"/1' (TYP.)

MATCH SMALLER PIPE CROWN ELEVATIONS TO LARGER "NON-INTERCEPTOR" PIPE UPSTREAM CROWN ELEVATIONS AND FORM ALL CHANNELS TO MATCH & DRAIN INTO MANHOLE BASE CENTERLINE CHANNEL INVERT.

GROUT ALL PIPE PENETRATIONS, SEAMS AND PICK HOLES SMOOTH AND BURR-FREE.

6" FREE DRAINING MATERIAL OR WASHED ROCK COMPACTED TO 90% RELATIVE COMPACTION EXTENDED 12" MIN. BEYOND MANHOLE OUTSIDE DIAMETER.

CITY OF BONNERS FERRY STANDARD DRAWING

APPROVED BY:

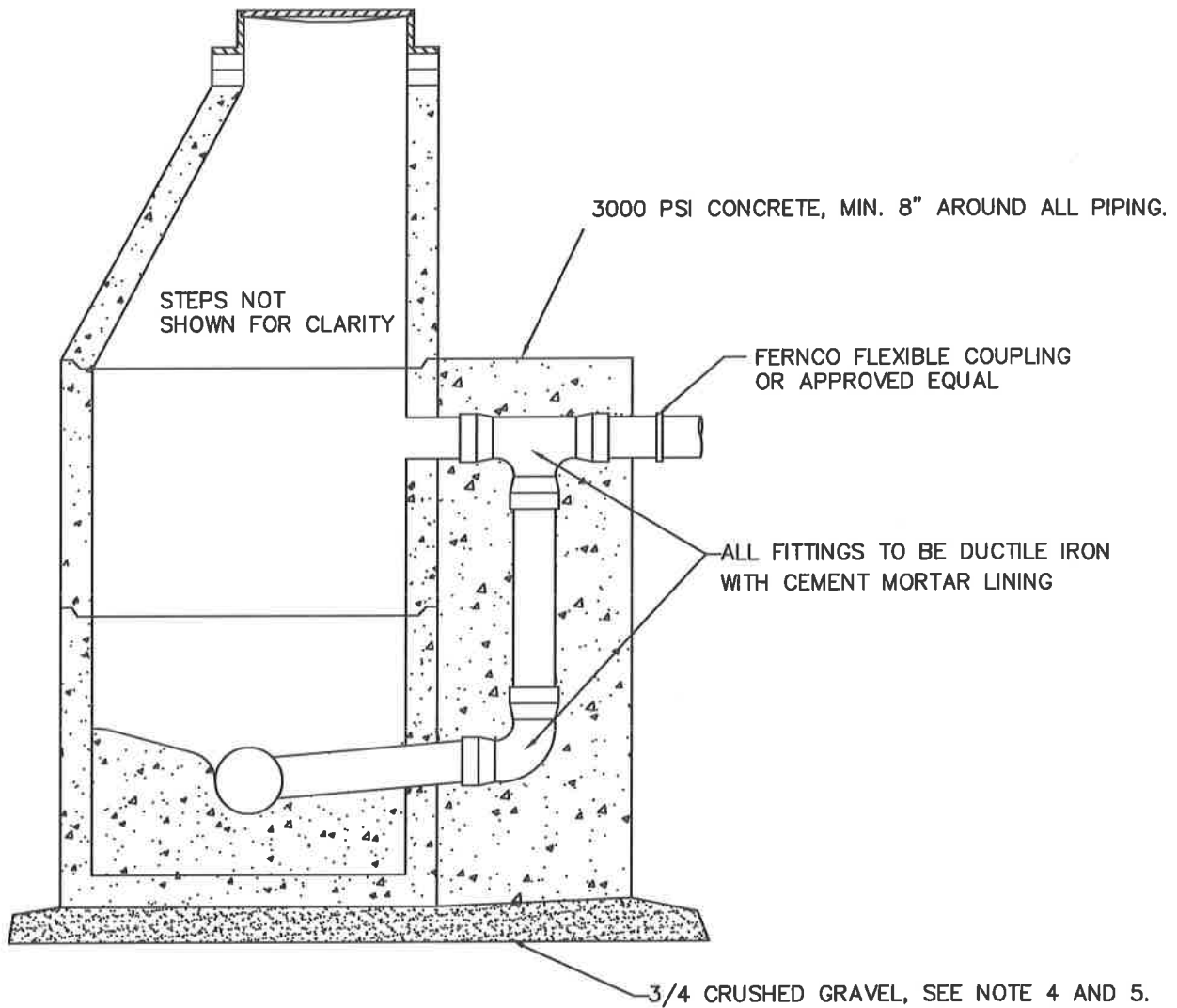
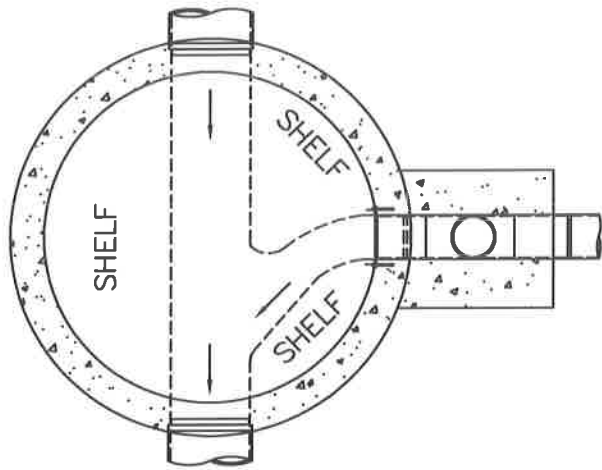
STANDARD MANHOLE

CITY ENGINEER, PE 10385
DATE: 1/26/22

DWG NO. SS-1

NOTES THIS DETAIL:

1. INTERIOR DROP MANHOLES WILL ONLY BE ALLOWED FOR GRAVITY SEWER PIPES (NON-PRESSURIZED FLOW).
2. CHANNEL AT BASE OF DROP STRUCTURE SHALL BE FORMED WITH 0.15' FALL INTO CONCRETE BENCH AND MATCH NEW OUTLET CHANNEL INVERT TO SPRING LINE OF THROUGH CHANNEL.
3. MANHOLE, STEPS, FRAME, COVER, AND ALL FEATURES OTHER THAN DROP ASSEMBLY TO MATCH DETAIL SS-1.
4. 3/4" GRAVEL TO BE 12" LAYER, COMPACTED TO 95% OF MODIFIED PROCTOR, OR AS OBSERVED BY ENGINEER.
5. IF NATIVE MATERIAL BELOW MANHOLE IS DETERMINED TO BE UNSUITABLE BY ENGINEER, BALLAST MAY BE REQUIRED BY TO PROVIDE ADEQUATE SUPPORT.



CITY OF BONNERS FERRY STANDARD DRAWING

EXTERNAL DROP MANHOLE

APPROVED BY:

CITY ENGINEER, PE 10385

DWG NO.

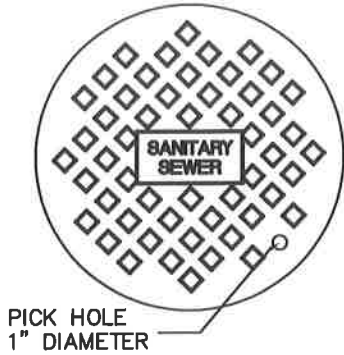
SS-2

1/26/22

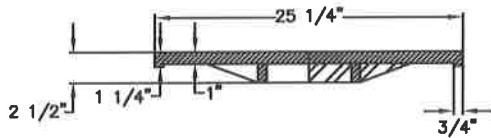
DATE:

NOTES THIS DETAIL:

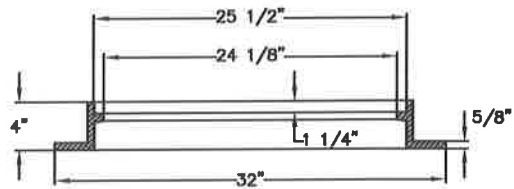
1. ALL LETTERING & ARTWORK SHALL BE FLUSH WITH FRAME RIM/LIP MOLDED INTO THE TOP OF THE COVER.
2. FRAME SHALL BE GRAY IRON CONFORMING TO A.S.T.M. A48-90, GRADE 30. COVER SHALL BE DUCTILE IRON CONFORMING TO A.S.T.M. A536-84, CLASS 80-50-06.
3. FIT TOLERANCES SHALL BE $< 1/8"$ ±.
4. WELDED FRAME & COVERS ARE NOT ACCEPTABLE.
5. ALL FRAME & COVERS SET ON MANHOLES IN DEPRESSION AREAS SUBJECTED TO STORM WATER PONDING AND/OR RUNOFF SHALL BE WATERTIGHT AND INSTALLED WITH RAINGUARD INFLOW PAN OR APPROVED EQUIVALENT.
6. INSTALLATION OF FRAME & COVERS WITHIN CURB & GUTTER, VALLEY GUTTERS, OR SWALES ARE NOT ACCEPTABLE.



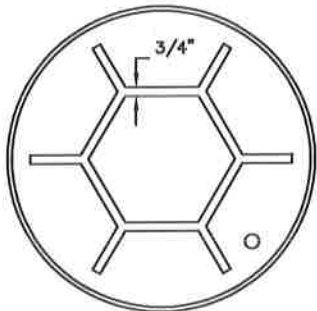
SEWER COVER



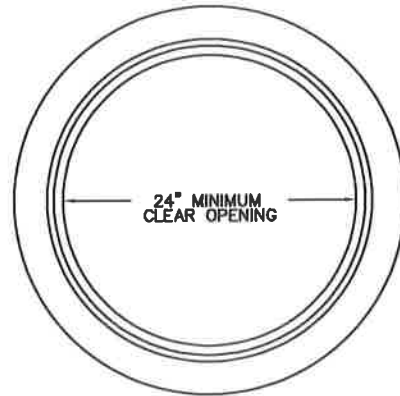
COVER SECTION VIEW



FRAME SECTION VIEW



BOTTOM OF COVER



FRAME

CITY OF BONNERS FERRY STANDARD DRAWING

MANHOLE FRAME/COVER

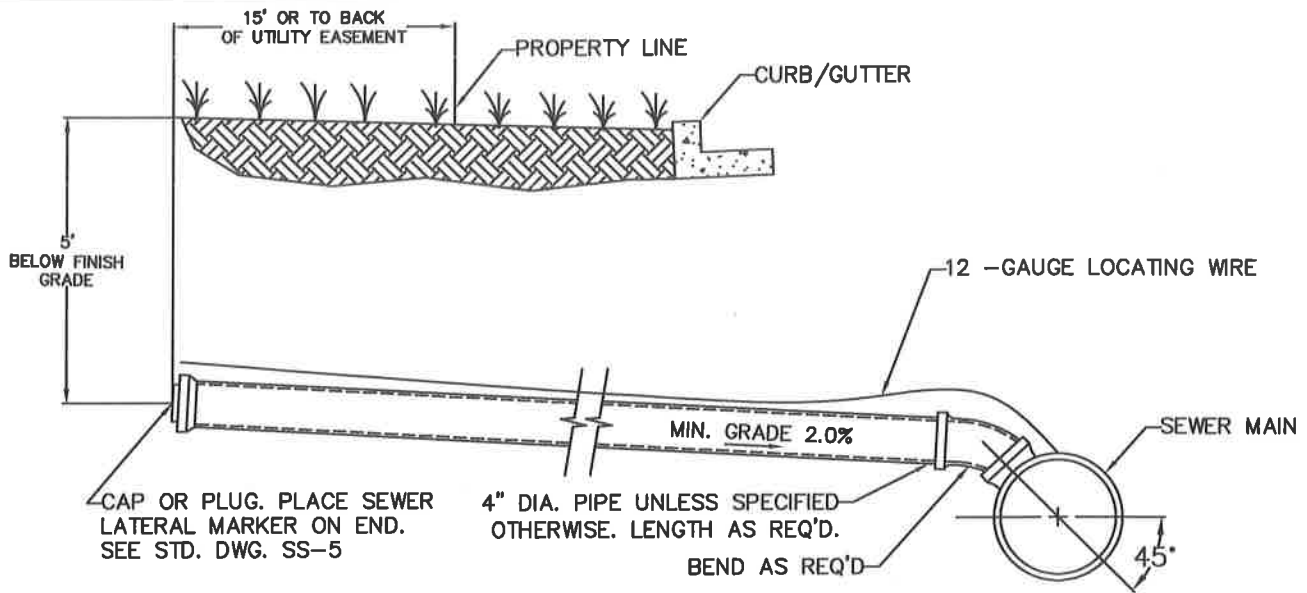
APPROVED BY:

CITY ENGINEER, PE 10385

1/26/22
DATE:

DWG NO.

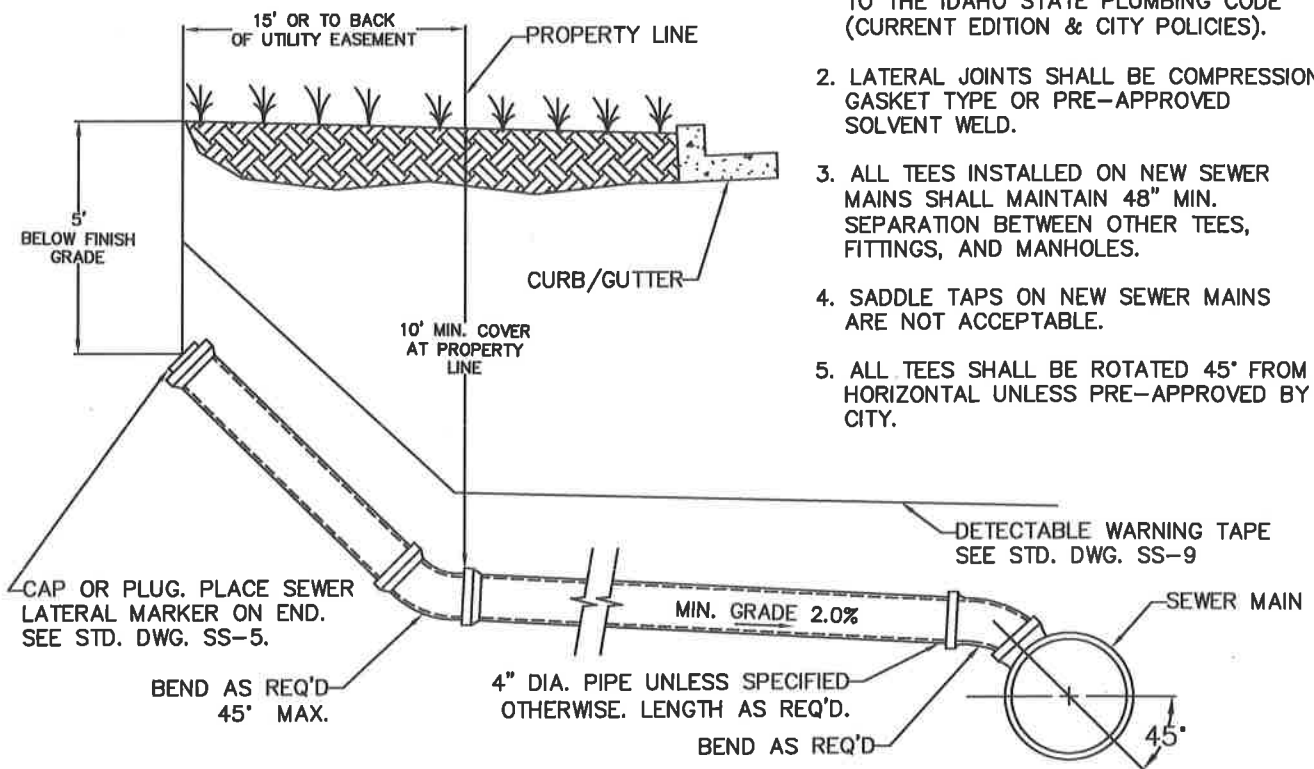
SS-3



TYPE "A"
STANDARD LATERAL CONNECTION

NOTES THIS DETAIL:

1. ALL SEWER LATERALS SHALL CONFORM TO THE IDAHO STATE PLUMBING CODE (CURRENT EDITION & CITY POLICIES).
2. LATERAL JOINTS SHALL BE COMPRESSION GASKET TYPE OR PRE-APPROVED SOLVENT WELD.
3. ALL TEES INSTALLED ON NEW SEWER MAINS SHALL MAINTAIN 48" MIN. SEPARATION BETWEEN OTHER TEES, FITTINGS, AND MANHOLES.
4. SADDLE TAPS ON NEW SEWER MAINS ARE NOT ACCEPTABLE.
5. ALL TEES SHALL BE ROTATED 45° FROM HORIZONTAL UNLESS PRE-APPROVED BY CITY.



TYPE "B"
DEEP LATERAL CONNECTION

CITY OF BONNERS FERRY STANDARD DRAWING

**SEWER SERVICE
LATERAL**

APPROVED BY:

CITY ENGINEER, PE 10385

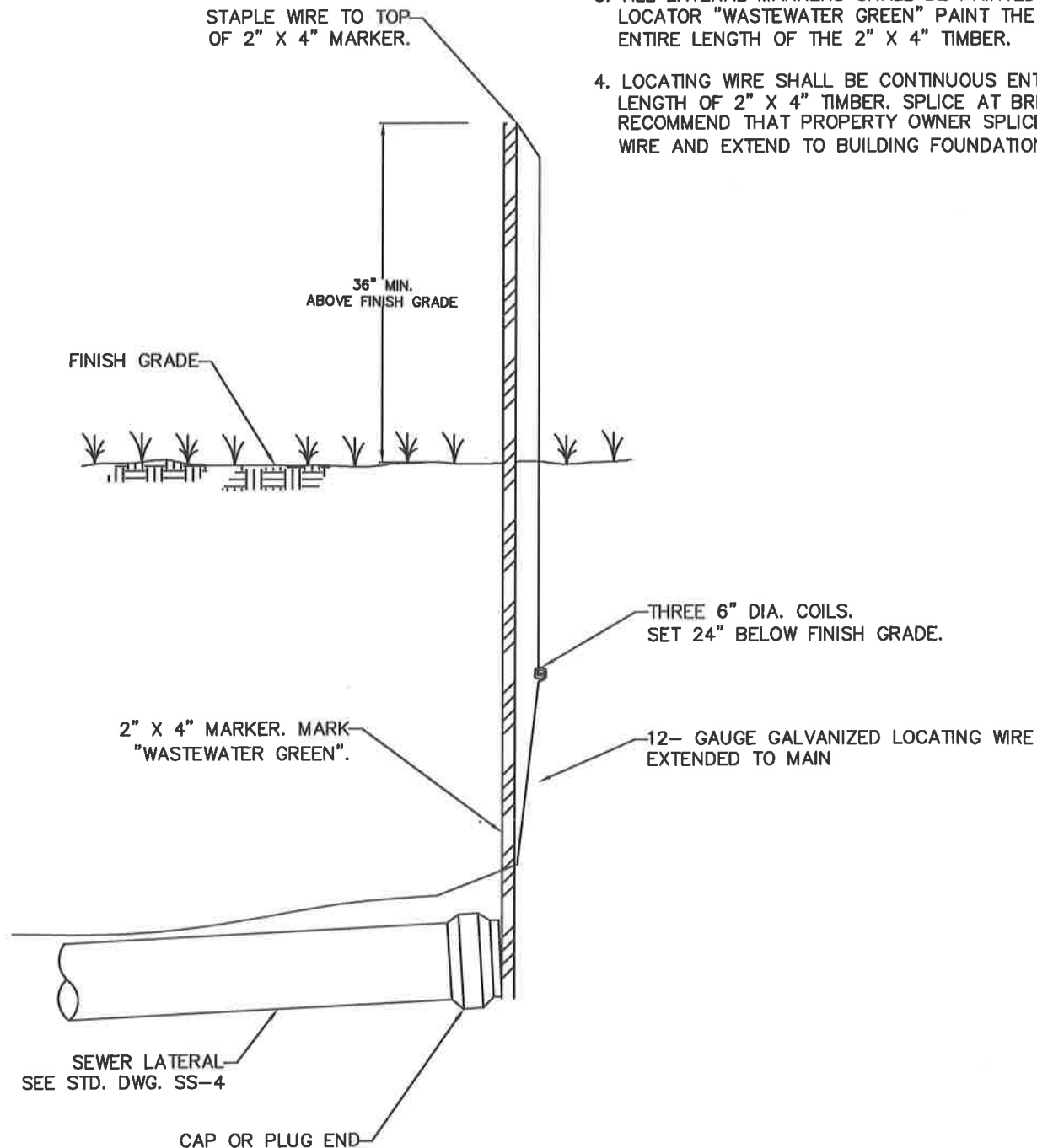
1/26/22
DATE:

DWG NO.

SS-4

NOTES THIS DETAIL:

1. ALL LATERAL MARKERS SHALL BE SET VERTICALLY AGAINST COMPACTED BACKFILL OR UNDISTURBED NATIVE GROUND MATERIAL.
3. ALL LATERAL MARKERS SHALL BE PAINTED WITH LOCATOR "WASTEWATER GREEN" PAINT THE ENTIRE LENGTH OF THE 2" X 4" TIMBER.
4. LOCATING WIRE SHALL BE CONTINUOUS ENTIRE LENGTH OF 2" X 4" TIMBER. SPLICE AT BREAKS. RECOMMEND THAT PROPERTY OWNER SPLICE INTO WIRE AND EXTEND TO BUILDING FOUNDATION.



CITY OF BONNERS FERRY STANDARD DRAWING

APPROVED BY:

**SEWER SERVICE
LATERAL MARKER**

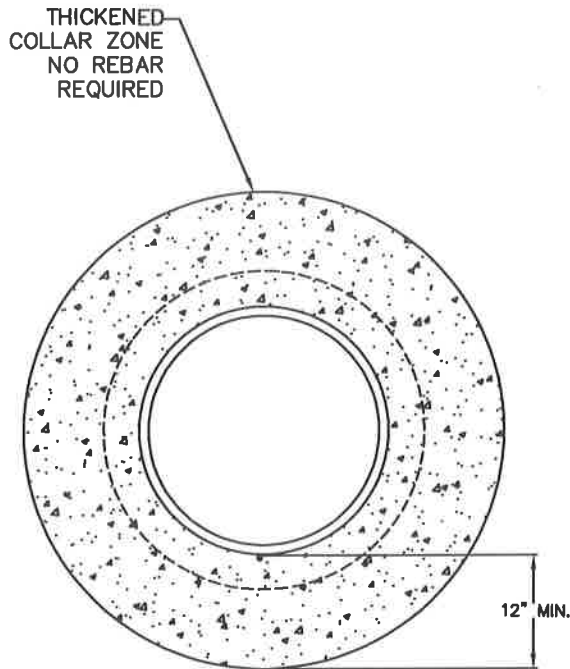
CITY ENGINEER, PE 10385

1/26/22
DATE:

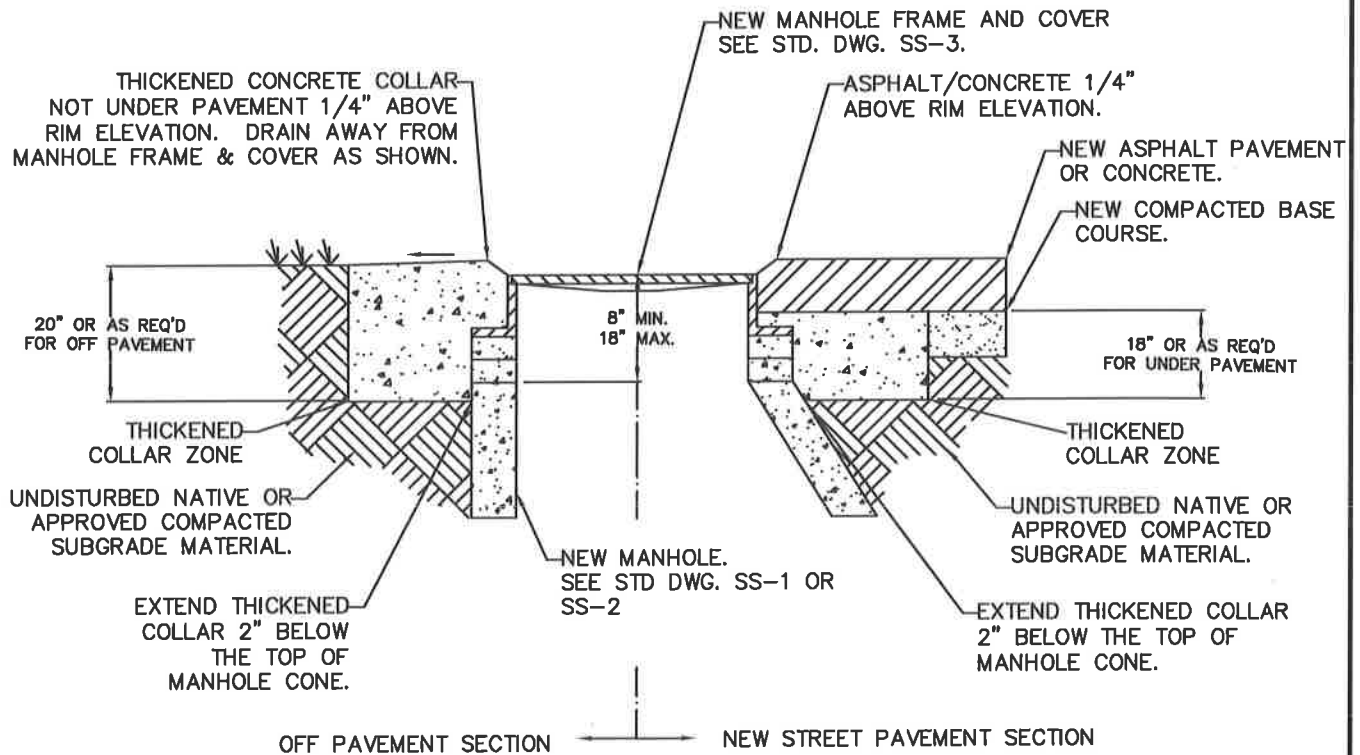
DWG NO.

SS-5

NOTES THIS DETAIL:



1. THICKENED COLLARS SHALL BE INSTALLED AROUND ALL SEWER MANHOLES, CLEANOUTS AND VALVE BOX STRUCTURES UTILIZING ANY ONE OF THE FOLLOWING MATERIALS:
 - A. CONCRETE. MINIMUM 4000 PSI COMPRESSIVE STRENGTH. MONOLITHIC POUR WITH A MINIMUM 24-HOUR CURE TIME PRIOR TO PAVEMENT.
 - B. CONTROL DENSITY FILL "CDF". 3 SACK MIX WITH A MINIMUM 24-HOUR CURE TIME PRIOR TO PAVEMENT.
 - C. ASPHALT. SAME HOT MIX DESIGN AS ROAD PLACED IN 2" LIFTS AND COMPACTED WITH A MECHANICAL TAMPER PRIOR TO PAVEMENT.
2. NO NATIVE, SUB-GRADE OR BASE COURSE MATERIAL MAY BE BACKFILLED AND COMPACTED WITHIN EXCAVATED THICKENED COLLAR ZONE. ALL DISTURBED MATERIAL SHALL BE REMOVED, HAULED AND DISPOSED OF OFFSITE.
3. ALL THICKENED COLLARS SHALL BE COMPLETED AND INSPECTED BY THE WASTEWATER UTILITY PRIOR TO PAVING. PROVIDE 48-HOUR NOTICE.
4. SEAL SAW CUT LINE & OUTSIDE MANHOLE FRAME LINE W/ CRAFCO PAVEMENT JOINT ADHESIVE OR APPROVED EQUIVALENT.



CITY OF BONNERS FERRY STANDARD DRAWING

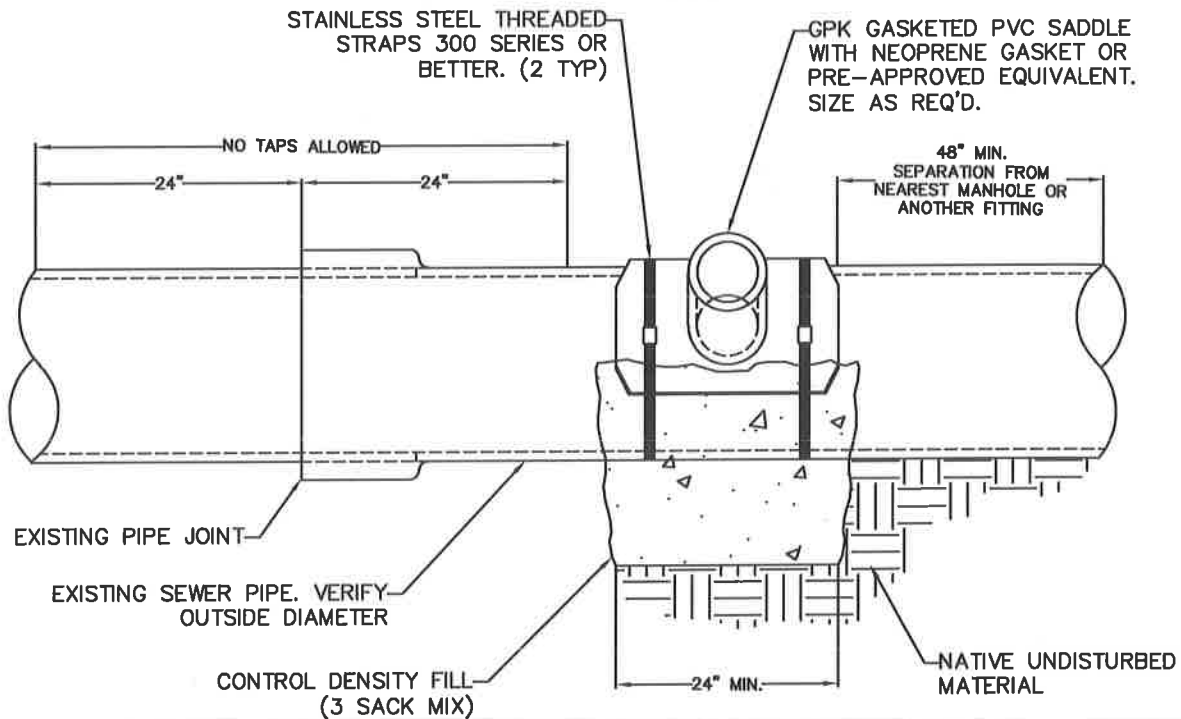
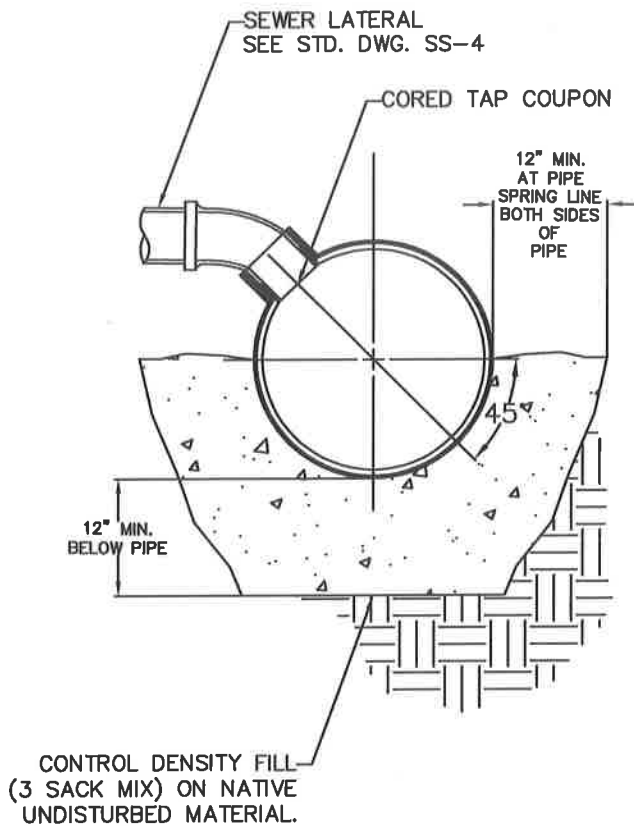
APPROVED BY:

MANHOLE COLLAR

CITY ENGINEER, PE 10385
 DWG NO. SS-6
 DATE: 1/26/22

NOTES THIS DETAIL:

1. TAP SADDLES ARE ONLY USED WHEN CONNECTING A NEW SEWER LATERAL TO AN EXISTING SEWER MAIN AND MUST BE PRE-APPROVED BY THE CITY.
2. ALL SADDLES SHALL BE SIZED BASED ON THE OUTSIDE DIAMETER OF THE SEWER MAIN OR PLASTIC LINED PIPE (CIPP).
3. TWO (2) STAINLESS STEEL THREADED STRAPS CAPABLE OF 60 LBS. TORQUE SHALL SECURE SADDLE TO SEWER MAIN. GLUED OR CEMENTED SADDLES ARE NOT ACCEPTABLE.
4. UNLESS PRE-APPROVED BY THE CITY, ALL TAPS SHALL BE ORIENTATED AT 45° ABOVE SEWER MAIN SPRING LINE (ABOVE HORIZONTAL). TAPS ON PIPE CROWN OR SPRING LINE ARE NOT ACCEPTABLE.
5. ALL TAPS TO EXISTING SEWER MAIN SHALL BE CLEAN CUT BY DRILLING OR CORING METHOD ONLY. NO "BREAK-IN" OR HAMMERING TAPS WILL BE ALLOWED. PRESENT CORED TAP COUPON FOR WASTEWATER UTILITY INSPECTION.
6. WRAP EXISTING SEWER MAIN AND NEWLY INSTALLED SADDLE WITH PLASTIC PRIOR TO PLACING CONTROL DENSITY FILL (CDF). CDF SUBSTITUTIONS MAY BE MADE WITH CITY APPROVAL.
7. IF TAPPING A NEW SADDLE ONTO A CIPP LINED SEWER MAIN, GENTLY DEMO AND REMOVE CONCRETE/CLAY HOST PIPE AND ATTACH NEW SADDLE DIRECTLY ONTO THE CIPP PIPE.



CITY OF BONNERS FERRY STANDARD DRAWING

APPROVED BY:

SEWER TAPPING SADDLE

CITY ENGINEER, PE 10365

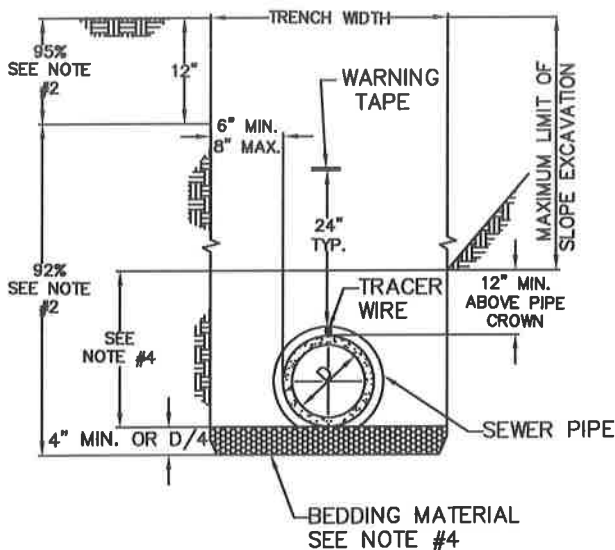
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DATE:

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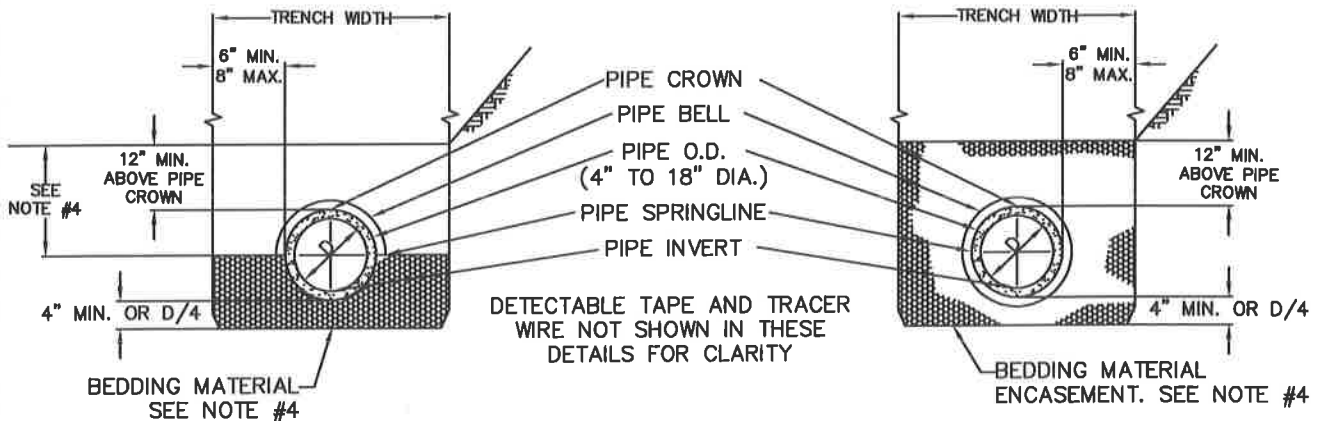
SS-7

NOTES THIS DETAIL:

- FOR TRENCHING WITHIN IMPROVED STREETS, TOP OF TRENCH WILL INCLUDE 12" OF $\frac{3}{4}$ " CRUSHED GRAVEL, AND HOT MIX ASPHALT, WITH THICKNESS TO MATCH EXISTING, WITH MINIMUM 4" THICKNESS.
- MINIMUM RELATIVE COMPACTION USING A MODIFIED PROCTOR (ASTM D-1557). SUBMIT ALL COMPACTION TEST REPORTS TO CITY.
- UNLESS PRE-APPROVED BY THE CITY, MINIMUM COVER OVER THE TOP OF ALL NEWLY INSTALLED PIPE TO FINISH GRADE SHALL BE 5 FEET (MIN.).
- BEDDING MATERIAL SHALL BE SAND, GRAVEL, CRUSHED AGGREGATE, OR NATIVE GRANULAR MATERIAL HAVING A SAND EQUIVALENT NO LESS THAN 12% BY WEIGHT PASSING A #200 SCREEN AND 100% PASSING A #4 SCREEN.
- CONTINUOUS #10 SOLID T.H.H.N. TRACER WIRE SHALL BE TAPED DIRECTLY TO TOP OF PIPE. ALL BREAKS SHALL BE SPLICED WITH 3M SPLICE KIT OR EQUIVALENT "WATERTIGHT" SPLICE KIT. TRACER WIRE SHALL EXTEND TO FINISH GRADE INSIDE ALL LOCATING WIRE BOXES AND SEWER STRUCTURES. LOCATE WIRE TO BE CONNECTED TO ALL SERVICE LINE LOCATE WIRES WITH 3M SPLICE KITS.
- DETECTABLE WARNING TAPE MARKED "SEWER LINE BELOW" SHALL EXTEND CONTINUOUSLY 24" ABOVE ALL NEWLY INSTALLED SEWER LINES INCLUDING LATERALS.



TYPE A TRENCH
STANDARD INSTALLATION FOR
NATIVE INSITU SANDY MATERIAL



TYPE B TRENCH
REQUIRED WHEN HARD ROCK OR
GRAVEL IS WITHIN 6" OF PIPE
INVERT, BUT BELOW SPRINGLINE.

TYPE C TRENCH
ROCK ENVELOPE REQUIRED WHEN
HARD ROCK OR GRAVEL IS AT
AND/OR ABOVE PIPE SPRINGLINE

CITY OF BONNERS FERRY STANDARD DRAWING

SEWER TRENCH BACKFILL

APPROVED BY:

CITY ENGINEER, PE 10385

1/26/22
DATE:

DWG NO.

SS-8

ORDINANCE NO. 602

TITLE: SEWER DEPARTMENT

AN ORDINANCE OF THE CITY OF BONNERS FERRY, A MUNICIPAL CORPORATION OF THE STATE OF IDAHO REPEALING IN ITS ENTIRETY CHAPTER 3, SEWER DEPARTMENT, OF TITLE 10 (UTILITIES), AND ADOPTING A NEW CHAPTER 3, SEWER DEPARTMENT OF TITLE 10 TO PROVIDE APPLICABILITY, PROCEDURES, AND STANDARDS FOR CONNECTING TO AND MODIFYING THE CITY'S SEWER COLLECTION AND TREATMENT SYSTEMS AND SEVERABILITY, AND THAT THIS ORDINANCE SHALL BE IN FULL FORCE AND EFFECT FROM AND AFTER ITS PASSAGE, APPROVAL AND PUBLICATION ACCORDING TO LAW.

WHEREAS, the Idaho Municipal Corporations Title 50, Chapters 3 and 9 provide authority for the City of Bonners Ferry to adopt ordinances; and,

WHEREAS, the city owns and operates a sewer collection and treatment facility with the purposes to serve a public use and promote the health, safety, prosperity, security and general welfare of the citizens and customers of the city of Bonners Ferry, and

WHEREAS, the city has determined that the existing ordinance is outdated and inconsistent with the current practice of operations and maintenance of the city system, and

WHEREAS, this ordinance sets forth uniform requirements for all users of the publicly owned treatment works for the city of Bonners Ferry and enables the city to comply with all applicable state and federal laws and the general pretreatment regulations. and

NOW THEREFORE, be it ordained by the Mayor and the Council of the City of Bonners Ferry, Idaho, as follows:

SECTION 1: ADOPTION: That Bonners Ferry City Code, Title 10 (Utilities), Chapter 3, Sewer Department, is hereby repealed in its entirety, and a new Chapter 3, Sewer Ordinance, of Title 10 is hereby adopted to read as follows:

CHAPTER 3
SEWER DEPARTMENT

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10-3-1: DEPARTMENT ESTABLISHED:

A sewer department is hereby established. The officers and other employees shall consist of a superintendent and other such personnel as the council may from time to time deem necessary for the efficient administration of the same

10-3-2: PURPOSE; GENERAL PROVISIONS:

This ordinance sets forth uniform requirements for users of the publicly owned treatment works for the city of Bonners Ferry and enables the city to comply with all applicable state and federal laws and the general pretreatment regulations. The objectives of this ordinance are:

- To prevent the introduction of pollutants into the publicly owned treatment works that will interfere with its operation;

- To protect both publicly owned treatment works personnel who may be affected by wastewater and sludge in the course of their employment and the general public;
 - To enable the city to comply with its national pollutant discharge elimination system permit conditions, sludge use and disposal requirements, and any other federal or state laws to which the publicly owned treatment works is subject.
- A. **APPLICABILITY:** This ordinance shall apply to all users of the publicly owned treatment works. This ordinance authorizes the issuance of individual wastewater discharge permits; providing for individual agreements for those existing users who are not within the city incorporated limits; provides for monitoring, compliance, and enforcement activities; establishes administrative review procedures; and requires user reporting.
- B. **PUBLIC HEALTH STATEMENT:** It is hereby determined and declared to be necessary and conducive to and for the protection of the health, safety and welfare of the public and inhabitants of the city, and for the purpose of controlling the use and connection to and for providing an equitable distribution of the costs and expenses of maintenance, operation, upkeep, and repair of the entire sewerage system which includes the sewer collection system and sewage disposal facilities of said city, to charge and collect service charges or fees upon all lots, lands, property and premises served or benefited by the sewerage system of the city, which system and facilities consist generally of pipelines, conduits, catch basins, manholes, clean outs, sewer mains, intercepting sewer, outfall sewers, lift stations, pumps, structures, mechanical equipment and facilities for the treatment and disposal of sewerage or sewage byproducts; to provide for industry cost recovery from all industrial users and to provide for the control, use and administration of the installation of private sewage disposal systems where a public sanitary sewer is not available. The public facility does not include the portion of sewer connecting a building to the sewer main, otherwise known as the lateral sewer line.

10-3-3 DEFINITIONS: As used in this chapter, the following words and terms shall have the meanings ascribed to them in this section:

CITY: The city of Bonners Ferry, Boundary County, Idaho or its authorized or designated agent, representative or deputy.

ENGINEER: The engineer appointed by and acting for the council and shall be an Idaho registered civil engineer.

LATERAL SEWER LINE: The portion of a sewer connecting a building sewer to the sewer main.

PRIVY: An outdoor toilet located in a small shed outside a house or other building; an outhouse.

POTW: Publicly Owned Treatment Works

SHALL: Shall is mandatory. "May" is permissive.

SERVICE AREA: The city services area is the incorporated boundaries of the city of Bonners Ferry.

SEWAGE: A combination of water carried waste from residences, business buildings, institutions and industrial establishments which contains polluted matter subject to pre-treatment or treatment.

SEWAGE TREATMENT PLANT: Any arrangement of ponds, devices, and structures used for treating sewage.

SLUGE- any discharge of water, sewage, or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes, more than five (5) times the average twenty-four (24) hour concentration or flows during normal operation.

SUPERINTENDENT: City Water & Sewer Superintendent.

STORM SEWER OR STORM DRAIN: A sewer which carries storm and surface or ground waters and drainage but excludes sewage and polluted wastes.

10-3-4 ELIGIBLE SERVICE

- A. **ELIGIBLE PROPERTIES:** Only those properties located within the city's service area shall be eligible for new sewer service connections by the city sewer department. Existing services located outside of the city's service area shall be allowed to continue, provided they do not require an expansion of capacity.
- B. **SERVICE AREA:** The city services area is the incorporated boundaries of the city of Bonners Ferry.
- C. **LANDS CONTIGUOUS TO SERVICE AREA:** Lands contiguous to the incorporated city limits shall first be annexed before sewer service is provided or extended to those properties.
- D. **EXPANSION OF SERVICE:** Expansion of service includes upsizing of service line(s), extensions of sewer mains, additional sewer lateral connections for a parcel of land or building or adding new connection to building(s). The City Administrator and/or City Engineer shall have final decision over whether a circumstance qualifies as an expansion of service.

10-3-5 PROPERTY OF THE CITY

All public sewer mains, pipelines, conduits, catch basins, manholes, clean outs, sewer interceptors and sewer outfalls, lift stations, pumps, structures, mechanical equipment and facilities for the treatment and disposal of sewerage or sewage byproducts located in any street, alley or easement in the city shall belong to the city.

Lateral sewer lines, as defined herein, even within the public right-of-way, shall not be owned or maintained by the city and shall be owned and maintained by the property owner served by the line, including maintenance of the main service tap.

10-3-6 INJURY TO SEWERAGE SYSTEM

- A. No unauthorized person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance or equipment which is a part of the sewerage system.
- B. Any authorized work that results in damages to the public sewer shall be repaired to the satisfaction of the superintendent or city engineer, with the cost being borne by the applicant or authorized person.

10-3-7 REQUIRED USE OF SEWERS

- A. CONNECTION REQUIRED: The owner or occupant of any house, building or property used for residential, commercial, industrial, governmental or recreational use, or other purpose, situated within the City which is abutting on or having a permanent right of access to any street, alley or right of way in which there is located a public sewer of said City, is hereby required to cease using any other method of disposing of sewage, waste or polluted water, at the owners expense, connect such building directly with the public sewer in accordance with the provisions of this Chapter. The owner or occupant shall complete this within thirty (30) days after date of official notice from the City; provided that said sewer is within two hundred feet (200') of any property line to be served or common property line in a multiple building development.
- B. NEW SUBDIVISIONS: The developer of any new subdivision, at their expense, shall construct the necessary extensions of the public sewer system to provide public sewer facilities to each lot in the subdivision and where multiple buildings are anticipated on a future lot, the developer shall make sewer available to each building where warranted. These extensions of City's sewer system may include, but not be limited to, the installation of mains, manholes, lift stations, and other facilities for the treatment and disposal of sewerage or sewage byproducts.
- C. UNLAWFUL TO DEPOSIT: It shall be unlawful for any person to place or deposit in any unsanitary manner on public or private property within the City, or in any area under the jurisdiction of said City, any human or animal excrement, garbage or other objectionable waste as described in section 10-3-8 of this chapter.
- D. PRIVIES, SEPTIC TANKS OR CESSPOOLS PROHIBITED: Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool or other facilities intended or used for the disposal of sewage.
- E. PERMIT REQUIRED: No unauthorized person shall uncover, make any connection with or opening into, use alter, or disturb any public sewer or appurtenances or perform any work on any lateral or building sewer without first obtaining a written permit from the city as provided for at section 10-3-14 of this chapter.
- F. ADJACENT PUBLIC SEWER FOR EACH LOT: It shall be the position of the city that each lot be adjacent to a public sewer main. Where such a main does not exist at the time of plat or development, the landowner, property owner or developer may extend a public sewer

main in accordance with applicable sections of this chapter. The City shall avoid approval of lateral sewer lines which cross private property through private easement, where practical.

- G. PUBLIC SEWER LOCATED IN PUBLIC RIGHT OF WAY: It shall be the position of the city that any new public sewer system, identified as property of the city, be located, sited, placed, constructed and/or installed within a publicly owned right-of-way. Newly planned public sewer mains placed in private easements or on private property should not be allowed. Where a public sewer main is located within a private easement, the easement shall be no less than 30-feet in width and provide the city with unencumbered public access to the facility to access, maintain, construction or repair the line. Any obstructions placed in said easement may be removed and not replaced by the city should access be required to maintain or operate the system.

10-3-8 USE RESTRICTIONS; PROHIBITED DISCHARGES:

The use of the public sewers of the City shall be in accordance with the following regulations:

- A. No person shall discharge or cause to be discharged from any connection any storm water, surface water, ground water, roof runoff, subsurface drainage, cooling water or industrial process waters to any sanitary sewer.
- B. Storm water and all other drainage shall only be discharged to storm sewers specifically designated for that purpose, or to a natural outlet approved by the City.
- C. No person shall discharge or cause to be discharged any of the following described waters or wastes, or substances to any public sewers:
 - 1. Any gasoline, benzene, naphtha, fuel oil or other flammable or explosive liquid, solid or gas.
 - 2. Septic tank effluent.
 - 3. Any waters or wastes containing toxic or poisonous solids, liquids or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, create a public nuisance or create any hazard in the receiving waters of the sewage treatment plant, including, but not limited to, cyanides in the wastes as discharged to the public sewer.
 - 4. Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow of sewers, or other interference with the proper operation of the sewage works such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.
 - 5. Any liquid or vapor having a temperature higher than one hundred fifty degrees (150°) Fahrenheit, (65° centigrade).
 - 6. Any water or waste containing fats, wax, grease or oil, whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between 32° and 150° Fahrenheit, (0° and 65° centigrade).
 - 7. Any garbage that has not been properly shredded.

8. Any waters or wastes containing strong acid iron pickling wastes or concentrated plating solutions whether neutralized or not.
 9. Any waters or wastes containing iron, chromium, copper, zinc and similar objectionable or toxic substances; or wastes exerting any excessive chlorine requirement to such degree that any such material received in the composite sewage at the sewage treatment works exceeds the limits established by the City for such materials.
 10. Any waters or wastes containing phenols or other taste or odor producing substances in such concentrations exceeding limits which may be established by the City as necessary, after treatment of the composite sewage, to meet the requirements of the State, Federal or other public agencies of jurisdiction for such discharge to the receiving waters.
 11. Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the City in compliance with applicable State or Federal regulations.
 12. Any waters or wastes having a pH less than 6.5 or higher than 9.0 or having any corrosive property capable of causing damage or hazard to sewer structures, equipment, personnel, or adversely affect any sewer treatment process.
 13. Materials which exert or cause:
 - a. Unusual concentrations of inert suspended solids (such as, but not limited to, Fullers earth, lime slurries and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulphate).
 - b. Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).
 - c. Unusual biological oxygen demand (BOD), chemical oxygen demand (COD) or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment works.
 - d. Unusual volume of flow or concentration of wastes constituting "slugs" as defined herein.
 14. Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.
 15. Waters or wastes if it appears likely in the opinion of the City that such wastes can harm either the sewers, sewage treatment process or equipment, have an adverse effect on the receiving stream or can otherwise endanger life, limb, public property or constitute a nuisance.
- D. If any waters or wastes are discharged, or are proposed to be discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in Section 10-3-8C of this Chapter, and which in the judgment of the City, may have a harmful effect upon the sewage works, processes, equipment or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the City may:
1. Reject the wastes.
 2. Require pretreatment to an acceptable condition for discharge to the public sewers in accordance with section 10-3-9 of this chapter.

3. Require control over the quantities and rates of discharge.
4. Require plans and specification for any pretreatment system proposed.
5. Require that owner/discharger enter into agreement with City with respect to installation, operation, and maintenance of any pretreatment system.
6. Charge the discharger for the actual cost of the additional operation and maintenance costs borne by the City, that may include the costs of the City hiring a third party to remove the waste material discharged.

In forming its opinion as to the acceptability of wastes, the City will consider such factors as the quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, and other pertinent factors.

- F. When required by the City, the owner of any property serviced by sewer carrying industrial waste shall install a suitable control manhole together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling and measurement of the wastes. Such manhole, when required, shall be accessibly and safely located, and shall be constructed in accordance with plans approved by the City. The manhole shall be installed by the owner at their expense and shall be maintained by them to be safe and accessible at all times.
- G. All measurements, tests and analyses of the characteristics of waters and wastes to which reference is made in this Chapter shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater", published by American Public Health Association, or by applicable EPA testing methods, and shall be determined at the control manhole provided or upon suitable samples taken at said manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewage works and to determine the existence of hazards to life, limb and property.
- H. No statement contained in this Chapter shall be construed as preventing any special agreement or arrangement between the City and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the City for treatment, subject to payment therefor, by the industrial concern.
- I. Any property owner or sewer user violating the provisions of this Section shall, upon notice by the City, immediately install such pre-treatment as provide for in section 10-3-9 of this title.

10-3-9 DEVELOPMENT OF ON SITE PRE-TREATMENT SYSTEMS AND PLANS

- A. PRE-TREATMENT REQUIRED: The city may require that pre-treatment and/or interceptor be installed where in the opinion of the City, they are necessary for the proper handling of

liquid wastes containing oils, grease, sand, dirt, grit, rags, clothing, or any flammable wastes, or other constituents that may inhibit the flow, pumping, or treatment of waste streams.

B. **PLAN REQUIRED:** A plan shall be submitted to address how the property or business will remove fats, oils, greases, sediment or other harmful discharge and maintenance frequency of the installed removal devices and structures.

C. **PLAN REQUIREMENTS:** The property owner, business owner or other presiding officer or a business, shall provide a written plan showing the actual location of any pretreatment devices and include the following minimum requirements. Prior to installation occurring, the plan shall be submitted to the City and approved by the City Sewer Superintendent and/or the City Engineer.

The plan shall include at a minimum the following:

1. Section and plan views of proposed treatment system that accurately shows the details of the system.
2. Pretreatment Type
3. Frequency of cleaning and required maintenance
4. Other pertinent items as deemed necessary.
5. Where pretreatment or flow-equalizing facilities are provided for any waters or wastes, or substances. Pretreatment or flow equalizing facilities shall be maintained continuously in satisfactory and effective operation by the owner at their expense.

D. **INSPECTION REQUIRED:** All interceptors shall be of a type and capacity approved by the City and shall be located readily and easily accessible for cleaning and inspection. These interceptors shall be adequately maintained and are subject to periodic inspection by the City. Any new interceptors installed shall be only done so in accordance and approval by the City.

10-3-10 PUBLIC SEWER SYSTEM CONSTRUCTION OR EXTENSION

A. **LICENSED CONTRACTORS:** Only Idaho Public Works licensed contractors shall be authorized to perform the work of public sewer construction within the city. The contractor must also be licensed at the appropriate level based on construction cost and Idaho Statute requirements. All terms and conditions of the approval issued by the city to the applicant shall be binding on the contractor.

B. **PERMISSION TO EXTEND:** The mayor and council may authorize the construction or extension of public sewer in accordance with this Chapter. No person shall construct, reconstruct, extend or connect to any public sewer without first obtaining written approval from the city and paying all fees and connection charges and furnishing bonds as required therein. Any person or entity constructing within the city's rights-of-way shall first obtain a right-of-way permit from the city.

C. **ADOPTED SEWER DESIGN STANDARDS:** Staff shall require compliance with any specific sewer standards as adopted from time-to-time by resolution of the city council.

D. **CONSTRUCTION AGREEMENT:** The city council may enter into development and construction agreements with the landowner, developer and/or installer to ensure the public system is protected overall.

10-3-11 APPLICATION FOR SEWER CONSTRUCTION AND/OR EXTENSION

- A. An application with completed construction plans showing profiles and specifications, complying with all applicable ordinances, rules and standards, showing all details of the proposed work based on an accurate survey of the ground prepared by an Idaho registered civil engineer shall be submitted to the city for review.
- B. **PLAN APPROVAL:** The application, together with the plans, profiles and specifications shall be examined by the city engineer who shall approve them as filed or require them to be modified as they deem necessary for proper installation.
DEQ SUBMISSION AND APPROVAL: Once plans and specifications are approved by the City Engineer, the applicant must then submit the plans and specifications to the Idaho Department of Environmental Quality (IDEQ) for approval.
- C. **ISSUANCE TO CONSTRUCT:** When the City Engineer and DEQ is satisfied that the proposed work is proper and the plans, profiles and specifications are sufficient and correct, he/she shall order the issuance of a permit predicated upon the payment of all connection charges and fees, and furnishing bonds as required by the city. The permit shall prescribe such terms and conditions as the council finds necessary in the public interest.

10-3-12 CONSTRUCTION DESIGN STANDARDS

In addition to any adopted standards, the following construction standards are required for any project that involves sewer extension, construction, alterations or otherwise changing the conveyance system within the city sewer utility.

- A. **GRADE STAKES:** Grade and line stakes shall be set by an Idaho registered civil engineer or land surveyor prior to the start of any work on public sewer construction. The contractor shall be responsible for accurately transferring grades to grade bars and sewer inverts.
- B. **COMPLIANCE WITH REGULATIONS:** Any person constructing a sewer within a street shall comply with all state and city laws, ordinances, rules and regulations pertaining to the cutting of pavement, opening, barricading, lighting and protecting of trenches, backfilling and repaving thereof and shall obtain all permits and pay fees required by the department having jurisdiction.
- C. **MODIFICATION OF STANDARDS BY CITY ENGINEER:**
 - 1. Plans and specifications for any new sewer shall conform to IDEQ's Wastewater rules. The Engineer may permit modifications or may require higher standards where unusual conditions are encountered.
 - 2. As-Built plans are required to be submitted to the city. No less than two (2) sets of As-Built drawings showing actual location of all mains extensions, wyes and laterals shall be filed with the city before final acceptance of the work is completed.

D. SEWER LIFT STATIONS: In areas and subdivision where elevations do not allow for gravity flow to adjacent city sewer collection systems, sewer lift stations will be required to deliver waste to the city system. Required sewer lift stations must be constructed to the city sewer standards and policies as adopted or amended from time to time.

E. EXCAVATIONS

1. Safety Devices: The applicant or contractor shall maintain such barriers, lights and signs as are necessary to always give warning to the public that a sewer line is under construction and of each dangerous conditions to be encountered as a result thereof. They shall also likewise protect the public in the use of the sidewalk against any such conditions in connection with the construction of the sewer.
2. Restorage of the Excavated Area: Streets, sidewalks, pathways and other property disturbed in the course of the work shall be reinstalled in a manner satisfactory to the city.

F. TESTING OF COMPLETED SEWER LINE: Before any acceptance of any sewer line by the city and prior to the admission of any sewer into the city system, the sewer line shall be tested and shall be completed in full compliance with all city and state regulations and to the satisfaction of the City Engineer.

10-3-13 SEWER LINES IN PLATTED SUBDIVISION:

- A. All sewer lines shall be installed and accepted by the city or bonded for in accordance with adopted or approved practices by the city before any final subdivision plat is accepted by the council. The final subdivision map shall provide for the dedication for public use of streets, easements or rights of way in which public sewer lines are located.
- B. Easements Or Rights Of Way: In the event that an easement is required for the extension of the public sewer or the making of connections, the applicant shall procure and have accepted by the council a proper easement or grant of right of way sufficient in law to allow the laying and maintenance of such extension or connection.

10-3-14 BUILDING SEWER AND LATERAL CONNECTIONS

- A. Building sewers shall be maintained by the owner of the property served thereby.
- B. Permit To Tap Sewer Main: No person shall construct a lateral sewer or make a connection with any public sewer without first obtaining a written permit from the city and paying all fees and connection charges.
- C. Separate Lateral Sewers Required: No two (2) adjacent buildings, on separate parcels shall be permitted to join in the use of the same lateral sewer line. Every commercial building or industrial facility must be separately connected with a public sewer if such public sewer exists in the street upon which the property abuts or in an easement which will serve said property. Individual sewer laterals shall not be connected to sewer pressure mains.

- D. Construction Requirements And Specifications: Construction of building sewers and lateral sewers shall be in accordance with any standards and policies of the city as adopted by City Council, and also in conformance with the Uniform Plumbing Code as adopted by the Idaho Division of Building Safety.
- E. Individual Sewer Lift Stations: In all buildings in which any sewer is too low to permit gravity flow to the public sewer, sanitary sewage carried by such building sewer shall be lifted by individual sewer lift pump. Sewer lifts shall only be allowed where lift systems pump into a gravity main and will not cause damage to adjacent properties or the public system. All sewer lift stations shall be approved by the sewer superintendent, in coordination with the city engineer
- F. Damage to system: Any damage to the public sewer as a result to connection, shall be repaired by the applicant or landowner, to the satisfaction of the city engineer and/or superintendent, with the cost borne by the applicant.
- G. Lateral connection to Main: All lateral sewer connections shall follow the following standards when installing or connecting to a city sewer main.
 - 1. Safety Devices: All excavations for a sewer service lateral installation shall be adequately guarded with barricades or lights to protect the public from hazard.
 - 2. Restoration Of Excavated Area: Streets, sidewalks, parkways, and other property disturbed in the course of the work shall be restored in a manner satisfactory to the city and the county or any other person having jurisdiction thereover.
 - 3. All excavations within City rights-of-way require a city encroachment permit.

10-3-15 SEWER RATES AND FEES

A. SEWER CONNECTION AND PERMIT APPLICATION FEES

- 1. A capitalization fee is required to be paid for each sewer tap, the fee is set forth on the official fee schedule of the city. The fee shall be paid to the city at the time the application is filed along with any other fees as set forth in the official fee schedule.
- 2. A permit fee, as established on the official fee schedule, shall be paid to the city at the time the application is filed.
- 3. A separate and independent city sewer service connection fee shall be paid for each connection or sewer tap.

B. SEWER USER RATES: Sewer service charges are set forth by Council for each connection to the city sanitary sewage system based upon quantity flow of sewage into the system which shall provide revenue sufficient to pay the operation and maintenance, to repay bonded indebtedness and provide for the reserve fund for said system.

C. ANNUAL REVIEW OF CHARGES- SEWER SURVEY: The City Council shall annually review user charges and revise the same to reflect the actual treatment works operation and maintenance costs which shall provide revenue sufficient to pay the operation and maintenance, to repay bonded indebtedness and provide for the reserve fund for said system.

D. BILLING FOR SERVICE: The City shall bill for sewer service in accordance with the City's billing policy as adopted by Council.

- E. REAL PROPERTY SUBJECT TO RATES: All real property, with or without buildings, shall be subject to sewer rates, so long as a service pipe or capitalization rate has been established on the property.

10-3-16 UNABLE TO SERVE PUBLIC SEWER

Where a public sanitary sewer is not available under the provisions of this chapter, the building sewer shall be connected to a private sewer disposal system complying with the provisions of this chapter.

- A. The type, capacities, location, and layout of a private sewage disposal system shall comply with all of the rules and regulations and recommendations of the Idaho Panhandle Health District. No septic tank or cesspool shall be permitted to discharge to any natural outlet.
- B. At such time as a public sewer becomes available to property served by a private sewage disposal system, a direct connection shall be made to the public sewer in compliance with this chapter and any septic tank, cesspool or similar private sewage disposal facilities shall be abandoned and filled with suitable material. The cost for connecting to the City's sewer system will be borne by the owner of the property being connected.
- C. The owners shall operate and maintain the private sewage disposal facility in a sanitary manner at all times and at no expense to the city.
- D. Septic tank pumping shall not be deposited in any manhole, cleanout or sewer opening.
- E. No statement contained in this section shall be construed to interfere with any additional requirements that may be imposed by the department of health and welfare of the state.

10-3-17 ENFORCEMENT

The city may take all measures as seen fit to ensure the public system is protected from violations of this chapter.

- A. Notification Of Violation: Whenever the City finds that any discharger has violated the prohibitions of this chapter, the City may cause to be served upon such discharger a written notice (either personally or by certified or registered mail, return receipt requested) stating the nature of the alleged violation. Within fifteen (15) days of the date of receipt of the notice, the discharger shall respond personally or in writing or by certified or registered mail, return receipt requested, to the City, advising of its position with respect to the allegations.
- B. Plan For Correction Of Violations: Thereafter, the discharger shall be given the opportunity to meet with a representative of the City to ascertain the veracity of the allegations and establish a plan for the satisfactory correction of the violations and preclusion of a recurrence thereof.

10-3-18 PENALTIES

- A. Any person found to be violating any provision of this chapter shall be served by the city with written notice stating the nature of the violation and provided a reasonable time limit, but in any event not to exceed ninety (90) days, for the satisfactory correction thereof. The

offender shall, within the period of time stated in such notice, permanently cease all violations.

- B. The city shall have the authority to issue warnings and invoke administrative sanctions as deemed proper by the superintendent or agent for the city.
- C. Any person violating any of the provisions of this chapter shall become liable to the city for any expense, loss or damage occasioned the city by reason of such violation.

10-3-19 APPEALS/MEDIATION

- A. APPEALS AND REVIEW: Any person aggrieved by a ruling of City, respecting the interpretation of this act or any officer, department of the city concerning the interpretation of this act may take an appeal to the council in the following manner:
 - 1. Such appellant shall, within fifteen (15) days after staff makes the decision, file a written notice with the city clerk, together with a filing fee as hereinafter required. The city clerk shall forthwith transmit to the council all papers constituting the record upon which this action was taken.
 - 2. The council, upon receipt of any notice of appeal, shall fix a reasonable time for the hearing of the appeal.
 - 3. The council shall hear and decide the appeal within a reasonable time but in no event more than forty-five (45) days after its final adjournment of the hearing. At the hearing, parties in interest may appear in person or by agent or attorney and testify and offer evidence and material relevant to the issue.
 - 4. The council may reverse or affirm, in whole or in part, or may modify the order, requirement, decision or determination as, in its opinion, ought to have been made on the premises.

SECTION 2: PROVISIONS SEVERABLE: The provisions of this Ordinance are hereby declared to be severable and if any provision of this Ordinance or application of such provision to any person or circumstance is declared invalid for any reason, such declaration shall not affect the validity of remaining portions of this Ordinance.

SECTION 3: EFFECTIVE DATE: This ordinance shall be effective upon its passage and publication in the manner provided by law.

APPROVED by the Mayor and City Council of the City of Bonners Ferry, Idaho this _____ day of _____, 2022.

This ordinance passed under suspension of rules and duly enacted as an ordinance of the City of Bonners Ferry, Idaho on this _____ day of _____, 2022., upon the following roll call vote:

ROLL CALL:

Council President Alonzo _____

Council Member Poston _____

Council Member Thompson _____

Council Member Smith _____

CITY OF BONNERS FERRY, IDAHO

BY: _____
Mayor James R. "Dick" Staples

Attest:

Christine McNair, Clerk, City of Bonners Ferry, Idaho

**SUMMARY FOR PUBLICATION OF
CITY OF BONNERS FERRY ORDINANCE NO.602**

Pursuant to Idaho Code Section 50-901A, the City of Bonners Ferry, Idaho hereby gives notice of the adoption of City of Bonners Ferry Ordinance No. 602, adopted on _____. The full title of the ordinance is:

AN ORDINANCE OF THE CITY OF BONNERS FERRY, A MUNICIPAL CORPORATION OF THE STATE OF IDAHO REPEALING IN ITS ENTIRETY CHAPTER 3, SEWER DEPARTMENT, OF TITLE 10 (UTILITIES), AND ADOPTING A NEW CHAPTER 3, SEWER DEPARTMENT OF TITLE 10 TO PROVIDE APPLICABILITY, PROCEDURES, AND STANDARDS FOR CONNECTING TO AND MODIFYING THE CITY'S SEWER COLLECTION AND TREATMENT SYSTEMS AND SEVERABILITY, AND THAT THIS ORDINANCE SHALL BE IN FULL FORCE AND EFFECT FROM AND AFTER ITS PASSAGE, APPROVAL AND PUBLICATION ACCORDING TO LAW.

The ordinance repeals and replaces the existing Sewer Department ordinance with a new Chapter 3 of Title 10, comprised of the following subsections: Department Established, Purpose; General Provisions, Definitions, Eligible Service, Property of the City, Injury to Sewerage System, Required Uses of Sewer, Use Restriction; Prohibited Discharges, Development of On-site Pre-treatment Systems and Plans, Public Sewer System Construction or Extension, Application for Sewer Construction and/or Extension, Construction Design Standards, Sewer Lines in Platted Subdivisions, Building Sewer and Lateral Connections, Sewer Rates and Fees, Unable to Serve Public Sewer, Enforcement, Penalties, Appeals and Mediation.

The full text of Ordinance No. 602 is available at Bonners Ferry City Hall, 7232 Main Street, Bonners Ferry, Idaho 83805, during regular business hours.

City of Bonners Ferry, Idaho

ATTEST:

Mayor James R. "Dick" Staples

Christine McNair, City Clerk

City Attorney Statement Pursuant to Idaho Code Section 50-901A(3)

I, Andrakay Pluid, duly appointed City Attorney for the City of Bonners Ferry, Idaho, certify that the above summary is true and complete and provides adequate notice to the public.