TABERNASH MEADOWS WATER AND SANITATION DISTRICT

P.O. Box 443, Tabernash CO 80478
(970) 726-2839
www.tmwsd.com

To: New Property Owners, Contractors/ Excavators,

Enclosed is a packet of information on the rules and procedures for connecting to the District's sewer and water infrastructure. Each property has a sewer "stub out" and a water "stub out" to be used for such connections. The protocol is as follows:

1. Prior to obtaining a building permit, two sets of house plans are to be brought to the District for approval and stamp. Plans must include: where sewer and water services enter the house, where service lines connect to the water distribution/ sewer collection systems, the water meter assembly location in the structure, and clean-outs on the sewer service line. Staff will review plans within 2 work days. If approved and stamped, plans can then be taken to the Grand County Building Department.

2. When you pick up your stamped plans, you must have a check/sufficient funds for all fees, including purchasing your water meter assembly.

a. Plans Review Fee - (Single Family/Multifamily)		$200/$1000
b. Inspection Fees-	Water Service Connection insp.	$30
	Sewer Service Connection insp.	$30
	Water Meter Installation insp.	$60
c. Water Meter Assembly (includes 4.2% sales tax)		$644.35
TOTAL (Single Family/Multifamily)		**$964.35/TBD by service line size**

**Note: If staff is required to return to the site for these inspections more than once, additional inspection charges will apply. All of your accounts will need to be current in order for the District's staff to perform services for you.

3. Once items #1 and #2 are completed, excavation can begin. A Pre-Construction meeting will be held on-site with the excavating contractor to review rules and regulations as well as answer any questions. The District does not warranty any installation. The owner and building contractor may attend, but it is not mandatory. All Federal, State, and Local laws must be adhered to during this process. UNCC must be notified for all locates, not the District. Connections must follow the District's specifications for each service. No connection to water or sewer utilities may commence without a building permit (See rules and regulations on website)

4. After connections are made to "stub outs" and service lines are installed, you must contact the District for inspection at (970) 726-2839 at least 48 hours in advance. Inspections are only performed during normal business hours (Monday-Friday 8:00 am- 4:00 pm). The site must meet OSHA specifications in order to perform an inspection. **Inspections must be completed before final backfill.**

We hope that these simple steps will help preserve the integrity of your investment and protect the District's infrastructure. If you have any questions, please feel free to contact the Manger at (970) 531-1407 or via email at yothom@tmwsd.com

Thank you,

Tabernash Meadows Water and Sanitation District

Tabernash Meadows Water and Sanitation District
729 Aster Drive, Tabernash, Colorado 80478
Office (970) 726-2839

SERVICE LINE CONNECTION REQUIREMENTS

Connection Inspections

Please call the District Office at 970-726-2839 to schedule an inspection with a District representative between 8:00 AM and 4:00 PM, Monday through Friday. Please provide 48 hours notice. We will try to accommodate as our schedule allows.

DO NOT BACKFILL ANY SERVICE LINES BEFORE INSPECTION IS COMPLETED!!!

Water Service Line Installation Requirements:

- Water line must be in installed in its own trench and at least **10 feet apart from the sewer service line** trench.
- Installation of one **continuous Flexible K Copper service line from curb stop to house** is required. If the distance is greater than 100 feet, then a flared or compression coupling is required to connect the additional length of pipe.
- **Flared or compression fittings are required in all underground connections. The fittings shall be lead-free brass.** Solder connections on underground piping is not acceptable.
- **No connections/fittings are allowed under the building foundation.** There must be one continuous piece of Flexible K Copper pipe under the foundation to the meter assembly
- **Minimum bury depth is 6.5 feet.**
- No grounding wire is allowed to be connected to the water service line. Rely on the required Ufer ground.
- Water service lines under driveways are not recommended as the service line will be prone to freezing. We recommend adding insulation such as Blue Board Foam Insulation when location is unavoidable. (One inch of Blue Board is equivalent to one foot of bury depth).
- Line must be bedded and covered with washed rock or gravel. **Bedding material is required 6" below the service line and cover material is required 6" over the top of the service line.** The bedding and cover material shall be installed over the entire length of the service line. No "class C", crusher fines or native soils are allowed as bedding.
- The **Curb Stop/ Riser Box must remain accessible at all times. Do not cover the box with excavated material or snow. Curb Stop Riser Box must be located at or above finished grade.**
- If the contractor needs temporary water during construction, the District will work with your plumber at your cost to establish a flared connection, water shut off valve, pressure reducing valve, water meter, and a dual check valve. The District is not responsible for any damage due to misuse, freezing, etc.
- Only District Staff is permitted to turn on water services.

Water Meter Assembly Installation Requirements:

- A water meter assembly must be purchased through the District and installed by a licensed plumber. **The water meter installation MUST follow the diagram provided in this packet on page 7.** Prior to turning on the water service, the District must inspect the meter installation.
- Water Meter Delivery: Your plumber should notify the District when they start the rough plumbing installation. The District will meet with your plumber to deliver the water meter assembly and discuss the installation requirements.
- Water Meter inspections: Your plumber or contractor should call the District to request an inspection. As this inspection requires that District personnel enter the building, we will need to meet with a representative of your company on site. The District is not responsible for calling your plumber to set up the meeting.
- At the time of inspection your Water Meter will be tested to make sure its radio frequency can be picked up from the street for meter reading. If it cannot, an antenna will need to be purchased to increase signal.

Sewer Service Line Installation Requirements:

- Sewer service line must be in installed in its own trench and at least **10 feet apart from the water** service line trench.
- The sewer service pipe shall be **PVC SDR-35 with gasket joint fittings**. Glued joints on underground service lines are not acceptable.
- Minimum sewer service line size is 4" diameter.
- **Minimum Bury depth is 5 feet** (6 feet is recommended). Blue Board Foam insulation must be installed if the service is shallower than the requirement. (One inch of Blue Board is equivalent to 1 foot of bury depth).
- **Minimum sewer service line slope is 2%**. It is best to install the sewer line at a uniform grade when possible.
- Cleanout Installation- A **two-way Sewer clean out**, at least 4" in diameter must be installed **within 90 feet of the structure**. It shall be installed to clean the sewer line out to the sewer main, and back to the house. If the distance from this clean out to the sewer main exceeds 90 feet, a second set of clean outs shall be installed.
- A "wye" saddle is required for all sewer main connections where a "stub out" is not available.
- Line must be bedded and covered with washed rock or gravel. **Bedding material is required 6" below the service line and cover material is required 6" over the top of the service line.** The bedding and cover material shall be installed over the entire length of the service line. No "class C", crusher fines or native soils are allowed as bedding.
- **Tracer Wire Must be installed on the entire length of the Sewer Service Line. Each end must terminate at the cleanouts.** One piece of tracer wire to be installed from the Cleanout to the stubout in the direction with flow and the other piece of tracer wire to be installed from the cleanout to the foundation in the direction against flow.
- **See page 6 in this packet for a diagram of sewer service requirements.**

IMPORTANT INFORMATION

- It is your responsibility to make sure that all of the installation requirements for the water service line, water meter assembly, and sewer service line are followed by all contractors providing service during construction.

- Please distribute pertinent information in this packet to the appropriate contractor.

Please refer to the District's Rules and Regulations for complete requirements;
Available on our website www.tmwsd.com
Or copies are available at the District Office (729 Aster Drive Tabernash, CO).

I have read these requirements (Printed Name): _____

Signature: _____ Date: _____

TABERNASH MEADOWS WATER AND SANITATION DISTRICT
P.O. Box 443, Tabernash CO 80478
(970) 726-2839
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Receipt for Meter Purchase and Inspections

(To be paid prior to building permit application)

Date: _____

Name of Purchaser: _____

Account Number: _____

Lot Number: _____

Property Location: _____

Meter Number: _____

Plan Review and Stamping- (Detached Home, Townhome, Duplex / Multifamily)	**$ 200.00 / $1000.00**
Water Service Line Connection Inspection Fee - Sewer	**$ 30.00**
Service Line Connection Inspection Fee - Meter Inspection	**$ 30.00**
Fee -	**$ 60.00**
Meter Cost (includes 4.2% county tax)	**$ 644.35**

***** Each Unit in a Multifamily Structure is required to have its own water meter**

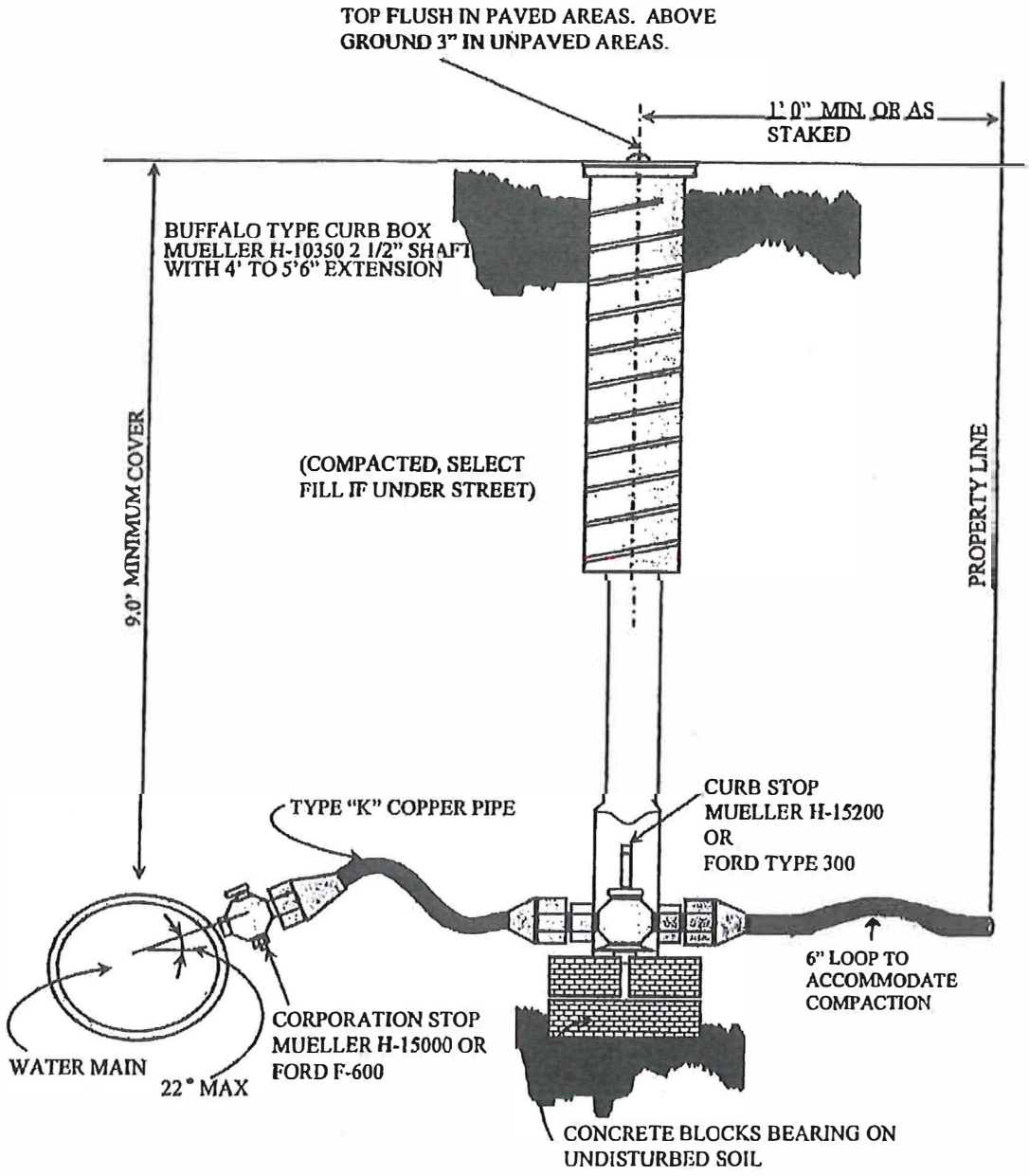
TOTAL: $ 964.35 / TBD by service line size

Sold By: _____

WATER SERVICE CONNECTION

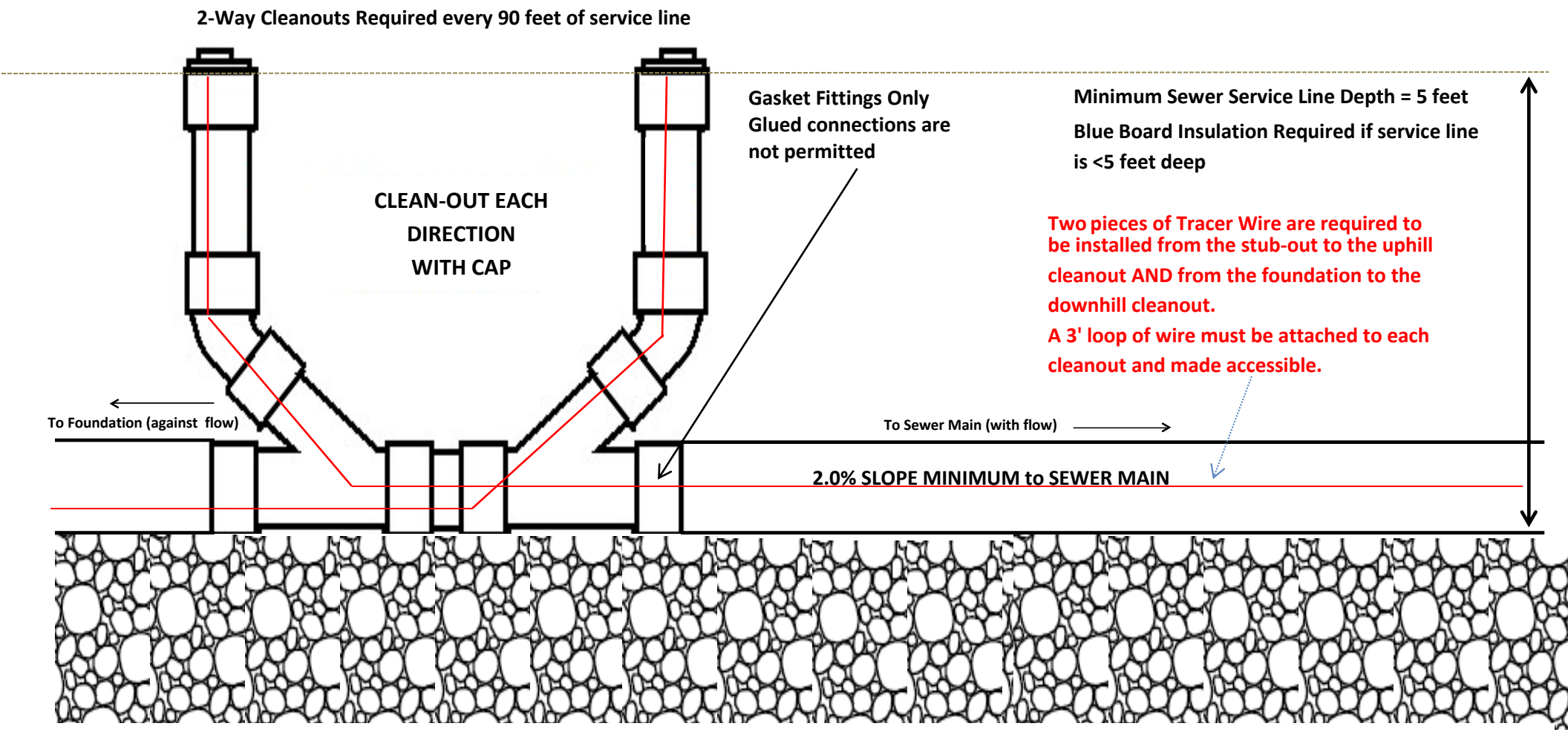
DRAWING C

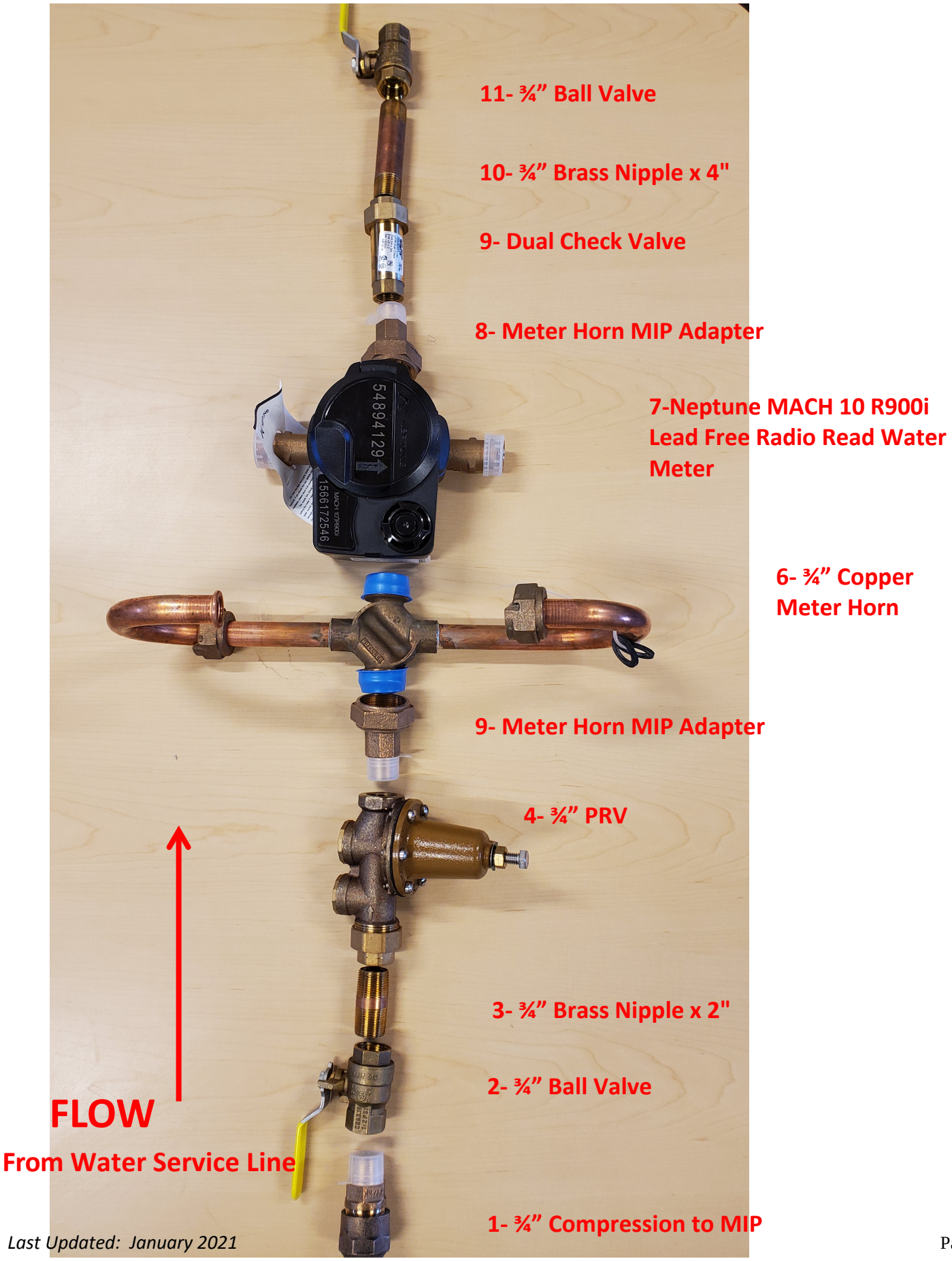
TABERNASH MEADOWS WATER & SANITATION DISTRICT



SEWER SERVICE LINE CONNECTION

Tabernash Meadows Water and Sanitation District



6" of Gravel Bedding AND 6" of Gravel Cover IS REQUIRED

Water Meter Assembly Installation Diagram