

# APPENDIX C – Construction Packet for Connection to the Water System of the VWPWD

## Rules and Regulations for Water Service Connection

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### Connection Permit Application

Prior to obtaining VWP ADRC approval, and a Grand County building permit, the property owner of a lot in the Valley at Winter Park agrees to follow the protocols described in Appendix C, in order to be able to connect to the community water system of the Valley at Winter Park Water District (the District). Signing page 1 of the construction packet means that you understand and agree to the terms described in Appendix C – Construction Packet for Connection to the Water System of the VWPWD, included in this packet.

**NOTE:**

*Each lot has a curb stop available to connect your water to the districts water system. The District provides water to each lot in the Valley at Winter Park Subdivision at a pressure greater than the 20 PSI minimum required by the Colorado Department of Public Health and Environment. Depending upon where you place your house on your lot you may need or want to install a pressure booster pump and associated pressure tank. (This additional equipment is at the property owner's expense.)*

***\*\*Please distribute these instructions to your contractors. Following these steps will assure that your water system will operate properly and will protect the District's infrastructure.***

### DISTRICT PROTOCOLS REGARDING CONNECTION TO WATER SYSTEM

**NOTE -ONLY DISTRICT STAFF IS ALLOWED TO TURN WATER ON TO THE PROPERTY.**

- Property owner **MUST BE** current with all Fees and assessments owed to the District to connect to the water system.
- Property owner has pre-paid for the cost of the meter assembly and inspection fees.

A property owner who is current with all fees and has pre-paid for the water meter and inspection fees will then be required to:

1. Set up an initial on-site meeting with the water operator to locate the curb stop connection and to review the procedures related to connecting to water service. ( email: [admin@vwpwaterdistrict.org](mailto:admin@vwpwaterdistrict.org) and text request to 970. 531.9246. Please include your name, lot number and contractors name and number)

Due to the unique circumstances that exist in Grand County Colorado the property owner agrees to abide by the following guidelines:

2. The District will NOT inspect or approve water service lines that are installed after Oct 15<sup>th</sup> which is the generally accepted date in Grand County Colorado to assure that the ground is not frozen and that both excavation and backfill can occur in a manner that does not present a risk of freezing and damage to the water system or compromise the installation.
3. Under no circumstances will a water service connection be turned on to a home that does not have heat and electricity.

Signed on this date \_\_\_\_\_ by (print name) \_\_\_\_\_ Owner of Lot \_\_\_\_\_

Signature: \_\_\_\_\_

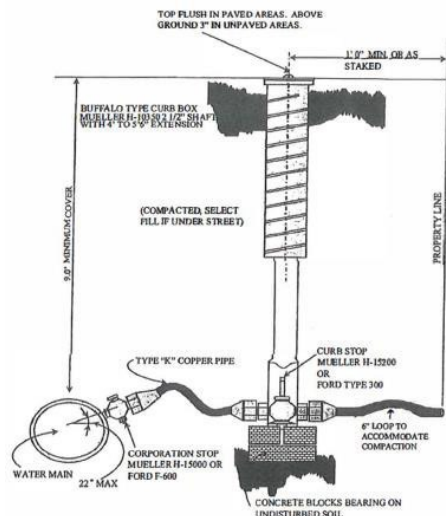
## CONSTRUCTION SPECIFICATION SUMMARY

The following is a summary of the engineering standards, installation details, inspection process and payments requirements that must be followed by the property owner/owner's contractor when connecting to the Valley at Winter Park Water Districts (the District) community water system "curb stop connection".

*\*NOTE – It is the **property owners'** responsibility to assure that all of the installation requirements related to the water service line and the water meter, stated herein, are adhered to by all contractors providing service during connection.*

### WATER SUPPLY LINE INSTALLATION

1. A continuous run of exterior grade pex tubing ( $\frac{3}{4}$  inch to 1 inch sized) is required to be used for the water service line.
2. The water service line must be installed in the manner described below:
  - 1 ft below the concrete footer of the foundation
  - Be at a minimum depth of 8 ft below final grade.
  - The service line must **be a continuous run** of piping from the house to the curb stop.
  - Service line must be properly bedded with class C or construction "fines" below and on top of the piping.
  - The physical connection to the curb stop is a flared  $\frac{3}{4}$  inch fitting. (A transitional fitting to allow for this connection to be made is allowed).
  - The piping as it approaches the curb stop must be goosenecked (slightly raised prior to dropping down to be connected) so that the piping will not pull away from the curb stop after burial and compaction. (See diagram below)
  - If the contractor wants to use a different type of connection approval by the District operator is required and any additional cost is to be covered by the property owner.
  - An 8 ft adjustable riser must be installed from the curb stop and will be set at grade.
  - The contractor is responsible for providing a final As Built drawing of the water service line connection.
  - Water service lines under driveways are NOT recommended and if unavoidable exterior grade foam board on top of the piping is required.



## **INSPECTION PROCESS**

- Contact the District 72 hrs. prior to an inspection being performed. Please text to (970) 531-9246 include your name and lot number. The following inspections are required:
  - Service line inspection and connection to curb stop – (must be prior to burial of the line)
  - Air-Pressure test inspection of the service line – contractor to have service line pressurized to 60 PSI FOR 2 HOURS.
  - Meter installation inspection.
- The inspection process requires that the site meet OSHA specifications and the operator has a safe hole to be able to access the site for inspection. curb stop connection. Either a trench box or an excavation of the site to allow safe access is required.
- An inspection must be completed **prior** to back fill.
- The connected service line must pass an air pressure test - 60 PSI for over 2 hours is required prior to acceptance of the service line connection.
- The water meter installation must be inspected prior to turning on the water service to the house.
- Note – If the operator is required to return to the site more than once for a specific inspection, additional inspection charges will apply.

## **WATER METER ASSEMBLY AND INSTALLATION**

A water meter must be purchased from the district and installed per the direction and instruction provided in this packet.



\*meter assembly picture updated May, 11 2023

**VALLEY AT WINTER PARK WATER DISTRICT**

**Receipt for Meter Purchase and Inspections**

Date: \_\_\_\_\_

Name of Property Owner: \_\_\_\_\_

Lot Number: \_\_\_\_\_

Lot Address: \_\_\_\_\_

Meter Number:

**FEE and CHARGES:**

- **Inspection Fee - \$300.00**
  - **Includes.**
    - Initial site visit,
    - Initial service line inspection,
    - Second service line inspection to check bedding of pipe.
    - pressure test inspection,
    - meter installation inspection

*\*\*If re-inspection is required an additional cost of \$80.00/inspection will be charged.*

- **Meter Cost includes sales tax. (subject to change with actual costs) \$880.00**

**TOTAL DUE: \$1,180.00**

Sold by: \_\_\_\_\_

Received by: \_\_\_\_\_

Date: \_\_\_\_\_