

RECORD OF PROCEEDINGS

MINUTES OF THE SPECIAL MEETING OF
ALPINE MOUNTAIN RANCH METROPOLITAN DISTRICT

HELD

MARCH 9, 2023

A Special Meeting of the Board of Directors (“Board”) of the Alpine Mountain Ranch Metropolitan District was held on March 9, 2023 at 2:00 p.m. at 33105 Meadow Creek Drive, Steamboat Springs, Colorado. The meeting was also held via Zoom.

ATTENDANCE

Directors in Attendance Were:

Andrew P. Daly
Suzanne L. Schlicht
Robert H. Dapper, Jr.
Steven Speer

Also in Attendance:

Leslie Monroe of Accounting Associates, LLC, via Zoom
Audrey Williams, Alpine Mountain Ranch
Micki L. Mills of Cockrel Ela Glesne Greher & Ruhland, P.C., via
Zoom

NOTICE

It was noted that Notice of the meeting had been properly posted at least twenty-four (24) hours prior to the meeting at the designated posting location.

DISCLOSURES OF
POTENTIAL CONFLICT
OF INTEREST

It was noted that conflict of interest statements had been received from Directors Daly, Schlicht and Dapper, and filed with the Secretary of State and Board of Directors at least seventy-two hours in advance of the meeting stating, their respective employment, officership or partnership interest in Alpine Mountain Ranch at Steamboat Springs, LLLP (“AMR”), which has significant land ownership and/or business interests within the District, and the nature of particular conflicts related to actions to be taken at this meeting, particularly to authorize the bond issuance which is

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expected to generate revenues to reimburse AMR for certain expenses.

All Directors stated that participation in the meeting of at least two of them was necessary to obtain a quorum of the Board or otherwise enable the Board to act. After each Director had summarily stated for the record the fact and nature of his private interest and had further stated that the determination to participate in voting or take any other action on any contract or other matter in which he may have a private interest would be made in compliance with Section 24-18-201(1)(b)(V), C.R.S., on an ad hoc basis, the Board turned its attention to the agenda items.

MINUTES

The Board reviewed the Minutes of the December 12, 2022 (1:00 p.m.) and December 12, 2022 (2:00 p.m.) special meetings. Upon motion duly made, seconded and unanimously carried, the Minutes of such Board meetings were approved.

POSTING
LOCATION

Ms. Mills reviewed the Resolution designating the location to post the 24-hour agenda notice as required by statute. Upon motion duly made, seconded and unanimously carried, the Board adopted the Resolution designating the District's website, www.amrmetrodistrict.org, as the designated posting location. If for any reason the posting cannot occur on the website, the Board designates 33105 Meadow Creek Drive, Steamboat Springs, Colorado, as the physical location to post such notice. A copy of the Resolution is attached hereto and incorporated herein by this reference.

FINANCIAL

Ms. Monroe reported that there were no expenditures that were required to be approved or ratified. She advised the Board that the 2022 Budget may need to be amended but will not know until after the completion of the audit of the District's 2022 financial statements.

WATER PLANT

Chair Daly reported on the status of the District's water plant. The filter will be required to be replaced. Currently, the CDC is working

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on finding the correct filter and filtration system. Chair Daly requested approval to work with Sunrise Engineering to explore obtaining a temporary filtration system. Upon motion duly made, seconded and unanimously carried, the Board authorized Chair Daly to work with Sunshine Engineer to obtain a temporary filtration system to meet the irrigation requirements until the permanent filtration system is installed.

WATER RATES

The Board discussed at length the possibility of lowering the water rates that were approved at the December 12, 2022 Board meeting, to be effective April 1, 2023, as a result of comments and discussions with residents and property owners. Upon discussion and motion duly made, seconded and unanimously carried, the Board adopted the Resolution Amending Water Service Rates, to be effective April 1, 2023, a copy of which is attached hereto and incorporated herein by this reference.

AMENDMENT TO
RULES AND
REGULATIONS

The Board discussed at length the necessity to amend its Rules and Regulations to include a Water System Design Guidelines and Specifications. Chair Daly presented proposed guidelines as prepared by Sunrise Engineering. The Board further discussed the need to establish a policy regarding mandatory alternating irrigation days and the penalties for violating such policy. Upon discussion and motion duly made, seconded and unanimously carried, the Board adopted the Resolution Adopting Water System Design Guidelines and Specifications, a copy of which is attached hereto and incorporated herein by this reference.

ADJOURNMENT

There being no further business to come before the Board, the meeting was adjourned.



Micki L. Mills
Secretary for the Meeting

ALPINE MOUNTAIN RANCH METROPOLITAN DISTRICT
RESOLUTION DESIGNATING LOCATION TO POST NOTICE

WHEREAS, pursuant to §§24-6-402(2)(c) and 32-1-903(2) C.R.S., notice and, where possible, the agenda of the Alpine Mountain Ranch Metropolitan District (“District”) Board of Directors (“Board”) meetings at which the adoption of any formal action is to occur or at which a majority or quorum of the body is in attendance, or is expected to be in attendance, shall be posted within the boundaries of the District at least 24 hours prior to each meeting at a location designated at the first regular meeting of each year.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Alpine Mountain Ranch Metropolitan District as follows:

Notices of meetings (regular, special and work/study session) of the Board required pursuant to §24-6-401, *et seq.*, C.R.S., shall be posted at least 24 hours prior to each meeting at:

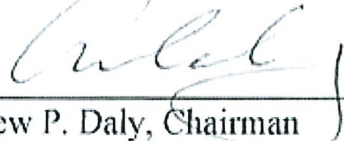
<https://www.amrmetrodistrict.org/>

In the event of an exigent or emergency circumstance such as a power outage or an interruption in internet service, the District will post notice of public meetings at least 24 hours prior to a meeting at the following physical location within the District: 33105 Meadow Creek Lane, Steamboat Springs, Colorado.

ADOPTED this 9th day of March, 2023.

ALPINE MOUNTAIN RANCH
METROPOLITAN DISTRICT

By



Andrew P. Daly, Chairman

ALPINE MOUNTAIN RANCH METROPOLITAN DISTRICT

A RESOLUTION AMENDING WATER SERVICE RATES

WHEREAS, the Alpine Mountain Ranch Metropolitan District (the "District") is a quasi-municipal corporation and political subdivision of the State of Colorado and a duly organized and existing special district pursuant to Title 32, Article 1, C.R.S.; and

WHEREAS, after the conduct of a public hearing on December 12, 2022, the District Board of Directors (the "Board") increased its water service rates by Resolution adopted December 12, 2022, which rates were to be effective April 1, 2023; and

WHEREAS, upon further discussion with property owners and residents, and further analysis by the Board, the Board hereby finds and determines that it is in the best interest of the District residents and property owners that the District amend the rates approved by such Resolution.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Alpine Mountain Ranch Metropolitan District as follows:

1. The amended water service rates attached hereto as Exhibit A and incorporated herein by this reference, are hereby adopted to be effective April 1, 2023.
2. This Resolution shall supersede any contrary provision contained in the District's Rules and Regulations or Board Resolution, which shall be modified as soon as reasonably practical to conform with the provisions set forth in this Resolution; provided, however, if there is any charge or fee that is set forth in the Rules and Regulations, or elsewhere established, which is not changed by this Resolution, said fee is hereby ratified and shall remain in full force and effect.

ADOPTED this 9th day of March, 2023.

ALPINE MOUNTAIN RANCH
METROPOLITAN DISTRICT

By



Andrew P. Daly, Chairman

EXHIBIT A

**Alpine Mountain Ranch Metropolitan District
Water Rates for 2023**

Gal/month	Rate	per 1000/gal	Monthly bill @ max usage for category (including base)
Base Rate (includes no usage)	\$100		
Up to 15,000 gallons per mo.	\$4	1000	\$160
15,001 – 35,000	\$6	1000	\$280
35,001 – 55,000	\$9	1000	\$460
55,001 – 75,000	\$12	1000	\$700
75,001 - 100,000	\$18	1000	\$1,150
100,001 - 150,000	\$22	1000	\$2,250
Greater than 150,000	\$26	1000	\$3,030 (water bill @ \$180 KGALS)

ALPINE MOUNTAIN RANCH METROPOLITAN DISTRICT

**RESOLUTION ADOPTING WATER SYSTEM DESIGN
GUIDELINES AND SPECIFICATIONS**

WHEREAS, the Alpine Mountain Ranch Metropolitan District (the "District") is a quasi-municipal corporation and political subdivision of the State of Colorado and a duly organized and existing special district pursuant to Title 32, Article 1, C.R.S.; and

WHEREAS, the District has adopted its Water Rules and Regulations (the "Rules") on March 18, 2008; and

WHEREAS, the Board of Directors (the "Board") of the District hereby finds and determines that it is appropriate and necessary to amend the Rules to include Water System Design Guidelines and Specifications, which includes the Irrigation and Landscape Water Feature Violation Policy.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Alpine Mountain Ranch Metropolitan District as follows:

1. Adoption of Water System Design Guidelines and Specifications. The Water System Design Guidelines and Specifications attached hereto as Exhibit A and incorporated herein by this reference, are hereby adopted to be effective immediately or as otherwise set forth therein.

2. This Resolution shall supersede any contrary provision contained in the District's Rules and Regulations, which shall be modified as soon as reasonably practical to conform with the provisions set forth in this Resolution.

ADOPTED this 9th day of March, 2023.

ALPINE MOUNTAIN RANCH
METROPOLITAN DISTRICT

By



Andrew P. Daly, Chairman

EXHIBIT A

Water System Design Guidelines and Specifications

ALPINE MOUNTAIN RANCH
WATER SYSTEM DESIGN GUIDELINES & SPECIFICATIONS
(Revised March 2023)

PART 1 - GENERAL

1.1 DESCRIPTION

- A. All references to DISTRICT OR ASSOCIATION shall refer to *Alpine Mountain Ranch Metropolitan District, Alpine Mountain Ranch Association, or Priest Creek Ranch Residences (PCR)*, as applicable.
- B. The *Standard Specifications* for all water distribution piping, service lines, and appurtenances shall be the DISTRICT Water Standard Specifications, most current issue.
- C. All water demands, materials, and connections to the DISTRICT water system shall comply with these *Guidelines*.
- D. All main line installations have been completed by DISTRICT. Any additional main line extensions must be approved by DISTRICT.
- E. All water service connections to the main line have been completed by DISTRICT and extended to the property. Water service line extensions to the home site will be necessary at the time of home construction by the lot owner; distance of extension varies on a lot-by-lot basis.
- F. These *Guidelines* include criteria for the design and installation of home water systems for supplemental treatment, booster pumping and water storage.
- G. Building Codes and Regulations: Lot owners shall comply with all applicable state and local codes, regulations, and ordinances as interpreted by the local inspection authority having final jurisdiction.
- H. All water features are required to be recirculating and, if they include ponds, ponds shall be sealed. Water features shall not consume more than 200 gallons per day and, water features may only be filled on the same alternating day schedule as the irrigation system for the respective residence.

1.2 QUALITY ASSURANCE

- A. Each lot owner is responsible for all extension installation, subsequent repairs, and all associated costs of water service line materials and equipment starting at the connection to the water main and including the curb stop. All service line installations and extensions shall be completed by a qualified contractor that is experienced in this type of work. Only contractors that have been accepted by DISTRICT are authorized to work on the DISTRICT water system.
- B. No connections shall be made to the DISTRICT water system without prior

notification and approval by the DISTRICT.

- C. All installations and system disinfection shall meet current Colorado Department of Public Health and Environment (CDPHE) requirements and all materials shall be suitable for conveying potable water under high pressure.

1.3 SUBMITTALS/SUBSTITUTIONS

- A. No substitutions for the specified parts and materials are acceptable without prior approval of the DISTRICT.

1.4 GENERAL DESIGN CRITERIA

- A. Water pressures vary from 45 psi to 150 psi throughout the system: the lot owner and service line contractor are responsible to take all necessary precautions to protect properties from excessive pressures. See Appendix A for a listing of lots and average system pressure that can be anticipated.
- B. Available fire flow varies throughout the main water system depending upon location. The minimum available fire flow in the main is 500 gpm at 20 psi residual. Contact the DISTRICT if more detailed information is necessary.
- C. Design of each homeowner's water system shall be governed by the following design criteria:
 - 1. Maximum zone demand for the fire suppression systems shall be limited to 85 gpm,
 - 2. Maximum instantaneous turf irrigation system demand shall be limited to 10 gpm,
 - 3. Maximum instantaneous domestic demand for all household fixtures shall be limited to 15 gpm,
 - 4. Maximum daily water demand 2,500 gallons,
 - 5. The maximum size of the service line from the main to the fire suppression system shall be limited to 2"
 - 6. All water using systems shall be designed to operate properly given the available DISTRICT system pressure and water flow rate. If additional water pressure and/or water flow rate is desired, the homeowner must provide private, auxiliary water storage and pumping system within the home; see section 2.10, and
 - 7. A flow restriction device shall be installed on the incoming domestic water line to limit maximum water draw to the above rates.

PART 2 – PRODUCTS

2.1 GENERAL

- A. All materials, installation, and testing shall be in accordance with the *Standard*

Specifications, except as modified herein.

- B. All materials shall be rated for a minimum working pressure of 200 psi.
- C. NSF 61 certification is required for all brass-containing fixtures including the water meter, brass valves, exterior hose bibs, interior faucets, *etc.* This certification indicates a higher quality brass that is less prone to corrosion.

2.2 SERVICE LINE MATERIALS

- A. All service taps to DISTRICT C900 PVC mains shall be made by the DISTRICT or approved contractor.
- B. All service taps to DISTRICT C900 PVC mains shall be made using a tapping saddle.
- C. All buried service line extensions shall be Type K, seamless soft copper tubing or HDPE SDR 7. Minimum inside diameter of all service lines shall be 2". All water service lines greater than 2" diameter shall be C900 PVC. The actual diameter required shall be as calculated by the homeowner's plumber, architect, or mechanical engineer to meet the specific needs of the residential fixtures, fire suppression system or turf irrigation system given the pressure available at the home location and these *Guidelines*.

2.3 INTERNAL SHUTOFF VALVE

- A. All water service lines must have a shutoff valve locate where the service line enters the structure. This valve shall be easily accessible.

2.4 CROSS-CONNECTION CONTROL

- A. Purpose: Backflow preventers avoid the potential risk for contamination of the distribution system water from end uses at each home.
- B. Backflow prevention is required for fire sprinkler systems, hot tubs/spas, and turf irrigation systems, *etc.*, see local building codes for installation and inspection requirements. Copies of inspection reports shall be provided to the DISTRICT.
- C. All service lines shall be equipped with at least one check valve (CV) to prevent reverse flow. Check valve shall be selected to protect equipment from reverse flows and sized to provide suitable flow capacity; brass or bronze; NSF61 certified.

2.5 FIRE SPRINKLER SYSTEMS

- A. Fire Sprinkler Systems are required for all residential construction by the DISTRICT and Steamboat Springs Rural Fire Protection District.
- B. Homeowners or their builders should consult with a licensed fire sprinkler

contractor for the design of a fire sprinkling system appropriate for their homes.

- C. The design and installation of home fire sprinkler systems are subject to review, approval, and inspection by the Steamboat Springs Rural Fire District; comply with appropriate building codes.
- D. For structures requiring both domestic and fire protection water, a single fire sprinkler line and domestic water line can be utilized from the main to the structure if desired, although the domestic water line shall split from the fire sprinkler line within the structure and from that point on, the domestic line shall meet all applicable project architectural specifications, building codes, and the requirements of the *Guidelines*. The Fire Sprinkler line need not be metered.

2.6 PRESSURE-REDUCING VALVE

- A. All service lines shall be equipped with at least one pressure-reducing valve (PRV) such that all meters, fixtures, and equipment are protected from system pressures.
- B. Pressure reducing valve shall be bronze; *Watts Regulator Model LFU5B*, or equal as the use may require.
- C. Normal operating water pressures vary throughout the distribution system. (See appendix for the estimated water pressure at each lot.)
- D. The recommended pressure setting on the PRV should not exceed 60 psi. It is recommended that pressure gauges are placed upstream and downstream of the PRV.
- E. Redundant PRVs in series are recommended.

2.7 DOMESTIC WATER METER

- A. All service lines shall be equipped with a water meter and remote readout.
- B. All water used at each lot, domestic and turf irrigation, shall be metered with the exception of water that will be used by the fire suppression system.
- C. Water meter and endpoint shall be manufactured by *Badger Meter*. The water meter shall be a Badger Meter E-Series Ultrasonic Meter (SS NSF-61-372), $\frac{3}{4}$ " or 1" with Orion cellular endpoint; actual meter size to be determined by the homeowner's plumber, architect, or mechanical engineer to meet the specific needs of the residential fixtures.

2.8 HOME TREATMENT

- A. Water softener
 - 1. Purpose: The central water provided to DISTRICT homes contains less than 75 mg/l of hardness and therefore considered as "soft" water; additional softening of the water is generally considered unnecessary.

2. If, however, a water softener is installed, the water softening equipment shall include a system hard water bypass and a valve to control blending of hard and softened water. It is recommended that the resulting hardness for each home be set at a minimum of 50-100 mg/l to avoid creating corrosive environment within the interior piping.
 3. Due to the elevated sodium content that is the result of most water softeners, softened water is not recommended for watering plants, lawns, and gardens. It is recommended that exterior water be unsoftened.
 4. People on a low-sodium diet may prefer to drink unsoftened water or use a potassium based softening brine. Consideration should be given to providing unsoftened water for drinking and cooking. This could be accomplished by providing a separate faucet at the kitchen sink for cold unsoftened water, or the homeowner could choose to soften only the hot water in the house.
- B. Water quality test results are available from the DISTRICT for distribution to home water treatment system suppliers.

2.9 CORROSION CONTROL

- A. Purpose: The DISTRICT may add a corrosion inhibitor at the central water treatment plant for the purposes of corrosion control. However, there are several factors that can contribute to copper corrosion beyond the treated water quality conditions. The intent of this section is to suggest precautionary measures that the builder can take to avoid some issues that have the potential to contribute to copper corrosion. These guidelines are beneficial and applicable for any new home construction.
- B. Electrical grounding – do not use the interior copper plumbing or copper service lines as an electrode for grounding – use an alternate method contained in the current edition of the National Electric Code (Article 250.52)
- C. Brass fixtures – use fixtures with NSF 61 approval
- D. Design - Design for flow velocities from 1.5-3 ft/s for hot water plumbing and 1.5-6.5 fps for cold water to avoid erosion corrosion at higher velocities and debris settlement at lower velocities. These maximum velocities are lower than the maximum design flow rates recommended to reduce noise from pipework.
- E. Installation Issues
1. A licensed plumber is recommended; refer to local codes for requirements.
 2. All lubricants, flux, solder, and other materials used for installation purposes must be suitable for use with potable water. Solder must be lead-free as required by federal regulations. Always use sufficient materials to do a proper job; but do not use excessive amounts of flux, solder, or lubricant. Flush the copper plumbing and visually check for leaks soon after the installation is complete.
 3. Corrosion of copper can be associated with the presence of flux runs in the bore of the tube. Many types of fluxes contain chemicals that are aggressive toward copper, as is necessary to create and maintain oxide free surfaces during jointing for a sound bond to be achieved with the solder. If residues of

flux are left in the tube after the joint is made, these may continue to corrode the copper. When heat is applied to melt the solder, any excess flux may flow down the tube producing a "run." If this is not flushed out, subsequent pitting corrosion may occur. Use minimum amount of flux. Use water soluble fluxes and flush out any internal excess flux after jointing.

4. Drain newly completed copper plumbing after testing if it is not to be used within a few days. If this is not feasible, flushing is recommended at least weekly. For protective layers to develop on the inside surface of the pipe, periods of prolonged static water conditions must be avoided. It is for this reason, those systems that have been initially filled to establish their hydraulic soundness, but then left standing full of water until the building becomes occupied, often give unsatisfactory long-term performance.
5. Installation defects (burrs, solder beads, etc.) can change flow patterns and should be avoided.

2.10 WATER STORAGE AND BOOSTER PUMPING

- A. Purpose: An auxiliary water storage and booster pumping system may be necessary within each home to ensure compliance with maximum allowable withdrawal rates from the central system. This auxiliary system will allow the homeowner to provide higher instantaneous flowrates and use of several fixtures simultaneously at adequate pressures.
- B. Sizing. This auxiliary system should be sized by the homeowner's plumber, architect, or mechanical engineer to pump the maximum instantaneous demand projected for the house and to store the volume of water expected to be used during peak demand periods. The required capacity of the system components are dependent on the actual fixtures and maximum occupancy anticipated for the house. Each homeowner should consult with their mechanical engineer, builder or general contractor, and plumber during their house design process to appropriately accommodate their anticipated requirements.
- C. A bypass for the booster pumping system should be installed to allow for servicing the house with water in the case that the pump or storage tanks are temporarily down for repairs.
- D. The auxiliary booster pumping, and storage system shall be designed in compliance with all applicable plumbing codes.
- E. See Appendix A for Typical Water System Pressures for each home served by the DISTRICT water system.

2.11 LANDSCAPING

- A. Lawn size – The DISTRICT covenants limit the size of irrigated areas to no more than 4,000 sq. ft.
- B. Xeriscape and drought tolerant plants are recommended for water conservation, refer to the *Alpine Mountain Ranch Design Guidelines*.

- C. Drip irrigation is recommended for plants, shrubs, and trees while sprinkler irrigation is recommended for lawns.
- D. Unsoftened water is recommended for use in watering outside plants.
- E. Effective January 1, 2023, New and replacement landscaping in AMR shall be limited to 4,000 square feet of irrigated area. All landscape irrigation systems must comply with a maximum instantaneous landscape flow of 10 gpm see section 1.4 C 2.
- F. Landscape irrigation shall be limited to the hours between 5PM TO 9AM. No midday watering except by hand or unless a written permit has been received from the District Administrator. Once monthly maintenance and refilling of water features are exempt from these irrigation rules.
- G. Effective June 1, 2023, the District adopts an alternating day irrigation system. Residences with an odd number address may irrigate on Tuesday, Thursday and Saturday and those residences with even number addresses may irrigate on Wednesday, Friday, and Sunday. There shall be no irrigating on Mondays as it is a system maintenance day. Exceptions allowing for daily watering except Mondays will be available in order to get new landscaping established. A written permit will be required from the District Administrator.

2.12 VIOLATIONS

- A. Effective March 1, 2023, the District adopts the following Irrigation and Landscape Water Feature Violation Policy.
- B. June 2023 shall serve as a transition month during which written warnings shall be issued and no penalties shall be incurred by violators.
- C. Effective July 1, 2023, the Policy shall be fully implemented.
- D. Violations include:
 - a. Irrigating outside of Alternating Days schedule
 - b. Irrigating outside of authorized hours of 5 pm through 9 am
 - c. Non-conforming water features
 - d. Water usage of greater than 200 gallons per day
- E. Penalties:
 - a. First violation – Written warning with 7 days to correction the violation
 - b. Second violation – Will be issued no sooner than 14 days following a first violation. Written notice with \$25/day fine beginning 7 days following the date of the written notice, if violation has not been corrected, and continuing until violation

has been corrected.

- c. Third violation – Will be issued no sooner than 14 days following a second violation. Written notice with \$100/day fine beginning 7 days following the date of the written notice, if violation has not been corrected, and continuing until violation has been corrected.

PART 3 – EXECUTION

3.1 GENERAL

- A. Install all equipment in accordance with local building codes and manufacturer's recommendations.

3.2. WATER SERVICELINE INSTALLATION

- A. General: Comply with all applicable portions of ANSI/AWWA C600/C900 and product manufacturer's recommendations. Each water supply tap shall include a corporation stop, curb stop and box, and copper or HDPE tubing.
- B. Location: All service line locations are subject to review and approval by the DISTRICT prior to backfill and placing in service. The curb stop shall be placed near the property line within District Rights-of-Way. The water service shall be aligned by the most direct route, laid at uniform grade and a minimum cover of 7 ft, and shall not be placed parallel to any bearing wall at a distance closer than 5 ft.
- C. Disinfection: Comply with AWWA C651.
- D. The service line from the corporation stop to the home shall not leak; coordinate for inspection by the DISTRICT prior to backfill. A pressure test on the water service at system pressure is required.
- E. All trenches backfill and road gravels within DISTRICT roads and shoulders shall be placed in lifts and compacted to 95%. All road gravels shall be salvaged and replaced, if gravels are lost or contaminated the Contractor shall import and place additional gravels to provide at least 12" of suitable gravels. Percent compaction shall be as determined by ASTM D 1557. Minimum asphalt thickness at patches within DISTRICT roads shall be 4".
- F. The lot Owner is responsible for the repair of any trench settlement.
- G. Approved Contractors

All contractors shall receive approval from the DISTRICT before any work is begun on the DISTRICT water system.

3.3. WATER METER INSTALLATION

- A. The water meter shall be installed at a location that is easily accessible for

service and inspection and is protected against frost, flooding, damage, and tampering. The remote readout must be installed on the building exterior at a location that is accessible by DISTRICT staff and not subject to flooding. See manufacturer's Installation Data for additional information.

APPENDIX A TYPICAL WATER SYSTEM PRESSURES

Appendix A Typical Water System Pressures June 2021

NOTES:

1. "CL" prefix indicates contingency lots.
2. All information must be field verified.
3. Static pressures will vary within the building envelope.
4. Water services may intersect the building envelope at locations other than as assumed.

Building Lot # or Name	Ground elev. where conceptual driveway intersects	Theoretical static pressure where conceptual driveway intersects	Service Line Diam. (in)
1	7,455	56	1.5
2	7,365	95	1.5
3	7,405	77	1.5
4	7,300	123	1.5
5	7,240	149	1.5
6	7,225	155	1.5
7	7,270	136	1.5
8	7,195	75	1.5
9	7,150	95	1.5
10	7,135	101	1.5
11	7,115	110	1.5
12	7,140	99	1.5
13	7,110	112	1.5
14	7,065	131	1.5
15	6,965	76	2.0
16	6,975	71	2.0
17	6,985	67	2.0
18	7,060	125	1.5
19	7,030	138	1.5
20	7,125	97	1.5
21	7,120	99	2.0
22	7,140	90	2.0
23	7,150	86	1.5
24	7,130	95	1.5
25	7,195	67	1.5
26	7,205	62	2.0
27	7,310	118	2.0
28	7,410	75	2.0
29	7,395	81	2.0
30	7,305	120	1.5
31	7,340	105	1.5
32	7,260	140	2.0
33	7,175	75	1.5
34	7,150	86	1.5
35	7,125	97	2.0
36	7,070	121	1.5
37	7,075	119	1.5
38	7,105	106	1.5
39	6,940	87	1.5

Appendix A
Typical Water System Pressures
June 2021

Building Lot # or Name	Ground elev. where conceptual driveway intersects	Theoretical static pressure where conceptual	Service Line Diam. (in)
41	6,915	98	1.5
42	6,855	124	1.5
43	6,880	113	2.0
OWNERS	6,851	125	1.5
LODGE	6,850	126	1.5
RANCH	6,856	123	1.5
MGR	6,849	126	1.5
BARN	6,848	126	1.5
SIGN IRRIG	6,848	126	1.5
REC	6,950	83	1.5
CENTER	7,330	110	2.0
GUEST	7,270	136	1.5
CABINS	7,255	142	1.5
CL-44	7,295	125	2.0
CL-45	7,345	103	1.5
CL-46	7,325	112	1.5
CL-47	7,250	144	1.5
CL-48	7,275	133	1.5
CL-49	7,370	92	1.5
CL-50	7,305	121	1.5
CL-51	7,365	95	1.5
CL-52	7,340	105	1.5
CL-53	7,375	90	1.5
CL-54	6,955	80	1.5
CL-55	7,330	110	1.5
CL-56	7,115	110	1.5
CL-57	7,050	138	1.5
CL-58	7,125	106	1.5