



**Water Softeners/Filters
Single Family Residential
City of San Ramon
Building & Safety Services**

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GENERAL INSPECTION REQUIREMENTS

1. The plumbing permit shall be available on site for the inspection.
2. Installation shall comply with the manufactures installation instructions and applicable codes.
3. Provide the manufactures installation instructions on site for inspection.
4. Type M copper water pipe is permitted to be used above ground and inside the building.
5. PVC piping shall not be used for any part of water distribution at the interior of the building.
6. PVC pipe exposed to sunlight shall be wrapped with 0.40 inch thick plumbers tape.
7. All underground water lines shall be placed not less than 12 inches below finished grade.
8. All underground waterlines shall be inspected to verify depth of line below grade.
9. Water pipe sizing of water softeners - ¾” up to 2 bedrooms, 1” up to 4 bedrooms piping size. For dwellings with 5 bedrooms or more, sizing calculations are required.
10. All piping shall be supported and secured at intervals identified in the California Plumbing Code.
11. Drainage pipe size shall be as required by the manufactures installation instructions.
12. All drains shall discharge into the sanitary sewer through an approved plumbing fixture and air gap.
13. Drainage pipe shall slope at a ¼” per foot toward the sewer connection, unless the manufacture instructions provide for a pressure drain system.
14. An air gap space of 1½ inches for ¾ inch pipe and 2 inches for 1 inch pipe shall be provided for the drain as identified in California Plumbing Code Section 603.3.1 and/or Table 6-3.
15. Brine tank overflow shall be connected to the drain with an air gap.
16. Water softener installed on the exterior of a home shall be listed and approved for such installation and shall meet the manufactures installation instructions.
17. Equipment shall be installed on a permanent foundation constructed of concrete and secured as identified by the manufactures installation instructions.
18. Re-inspection fees are charged if more than two inspections are required to approve inspections.