



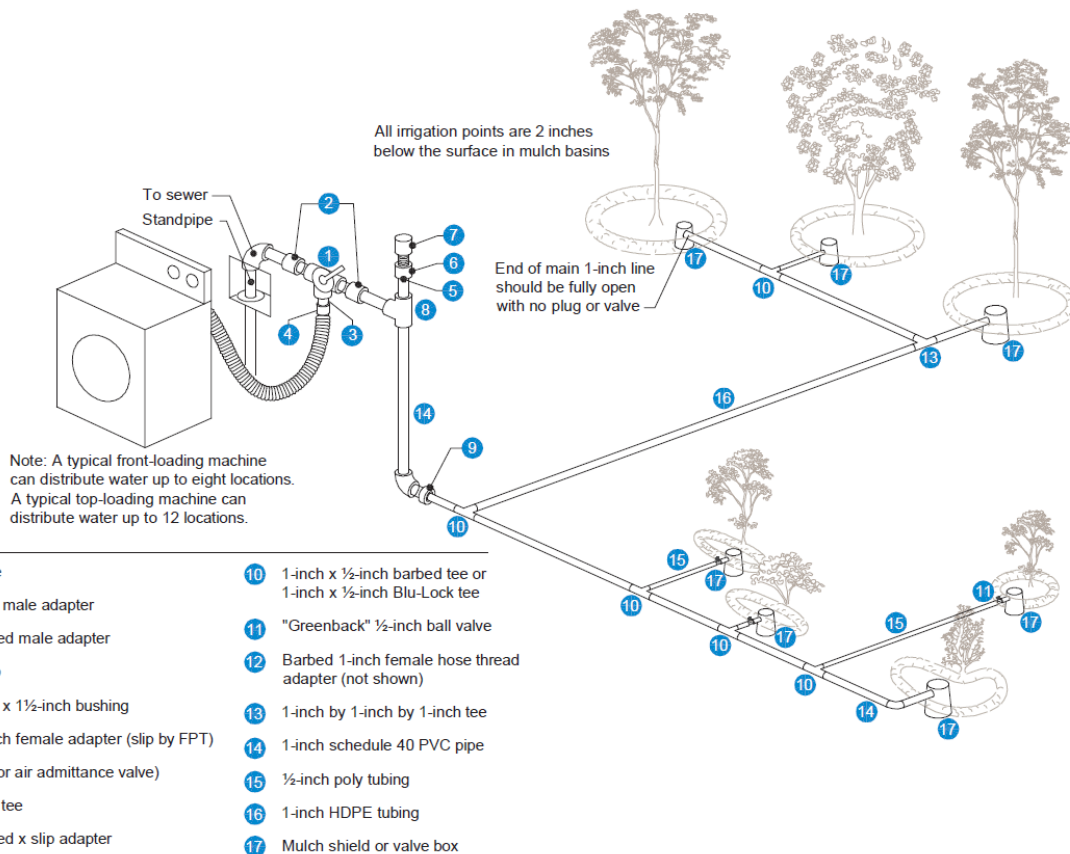
**Community Development Department**  
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# GRAYWATER - LAUNDRY TO LANDSCAPE

A laundry-to-landscape graywater system captures graywater from the discharge hose of your washing machine, enabling you to reuse the water without altering the existing plumbing in your home.

You need a permit for a graywater system for outdoor irrigation that includes any of the following conditions:

- Graywater system collects water from showers, sinks, or baths.
- Graywater system alters the plumbing (you cut into the drainage plumbing to access the graywater).
- Graywater system is installed in a building that is not a one- or two-unit residential building.
- Graywater system includes a pump (besides the washing machine's internal pump) or a tank.

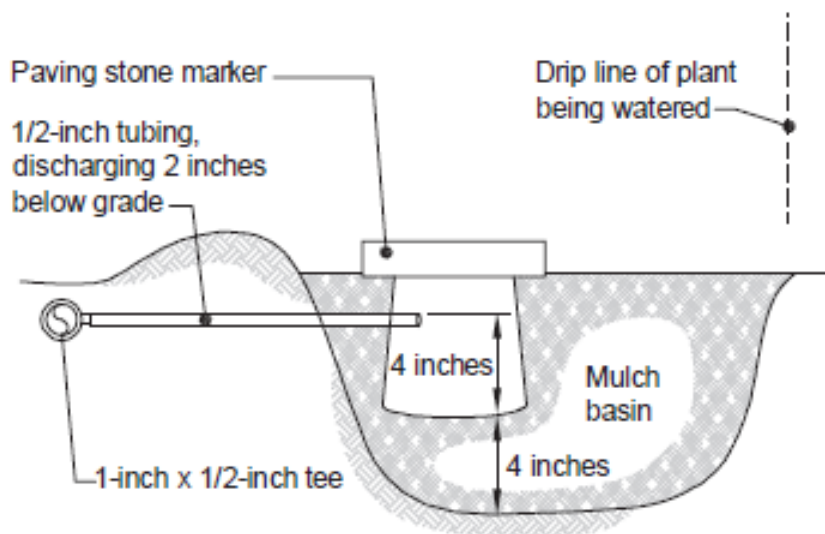


**Legend**

- |  |   |
|--|---|
| 1 3-way valve                              | 10 1-inch x ½-inch barbed tee or 1-inch x ½-inch Blu-Lock tee |
| 2 PVC 1-inch male adapter                  | 11 "Greenback" ½-inch ball valve                              |
| 3 1-inch barbed male adapter               | 12 Barbed 1-inch female hose thread adapter (not shown)       |
| 4 Hose clamp                               | 13 1-inch by 1-inch by 1-inch tee                             |
| 5 PVC 1-inch x 1½-inch bushing             | 14 1-inch schedule 40 PVC pipe                                |
| 6 PVC 1½-inch female adapter (slip by FPT) | 15 ½-inch poly tubing   |
| 7 Auto vent (or air admittance valve)      | 16 1-inch HDPE tubing   |
| 8 1-inch PVC tee                           | 17 Mulch shield or valve box                                  |
| 9 1-inch barbed x slip adapter             |   |

**A clothes washer system in compliance with all of the following may be installed or altered without a construction permit:**

1. The design shall allow the user to direct the flow to the irrigation or disposal field or the building sewer. The direction control of the gray water shall be clearly labeled and readily accessible to the user.
2. The installation, of the system does not include a potable water connection or a pump and does not affect other building, plumbing, electrical or mechanical components.  
*Note: The pump in a clothes washer shall not be considered part of the gray water system.*
3. The gray water shall be contained on the site where it is generated.
4. Gray water shall be directed to and contained within an irrigation or disposal field. Ponding or run-off is prohibited.
5. Gray water may be released above the ground surface provided at least 2 inches of mulch, rock, or soil, or solid shield covers the release point. Other methods that provide equivalent protection are acceptable.



6. Gray water systems shall be designed to minimize contact with humans and domestic pets.
7. Water used to wash diapers or similarly soiled or infections garments shall not be used and shall be diverted to the building sewer. Gray water shall not contain hazardous chemicals derived from activities such as cleaning car parts, washing greasy or oily rags, or disposing of waste solutions from home photo labs or similar hobbyist or home occupational activities.
8. Exemption from permit requirements of this code shall not be deemed to grant authorization for any gray water system to be installed in a manner that violates other provisions of this code or any other laws or ordinances.
9. An operation and maintenance manual shall be provided to the owner. Directions shall indicate that the manual is to remain with the building throughout the life of the system and upon change of ownership or occupancy.

*Note: Biocompatible Laundry Detergent should be used in a gray water system, there's a few on the market, such as Oasis, or ECOS*