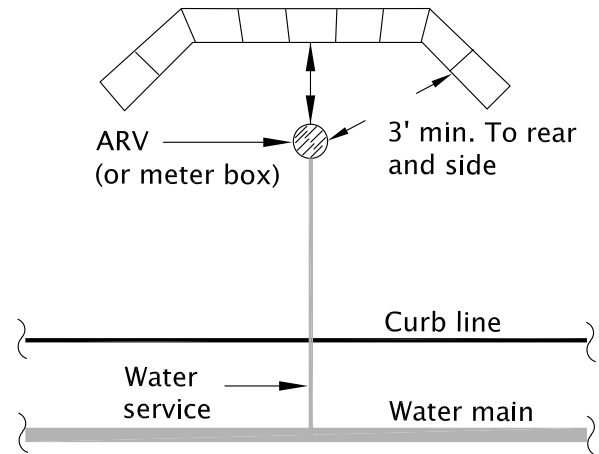
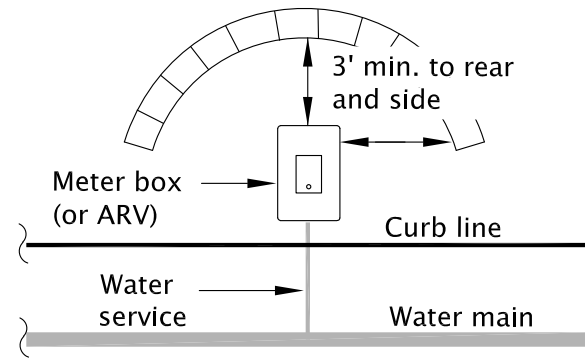


**WATER STRUCTURE ACCESS DETAIL**  
**FOR CURB-ONLY STREET SECTIONS**  
**WITH CUT BANKS**

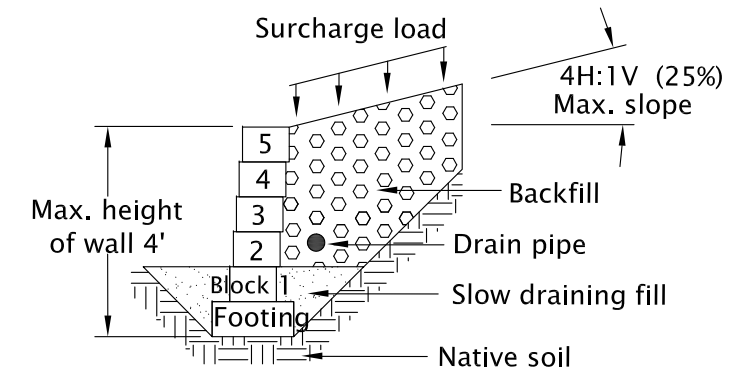
**SAMPLE SQUARE/WINGED RETAINING WALL**



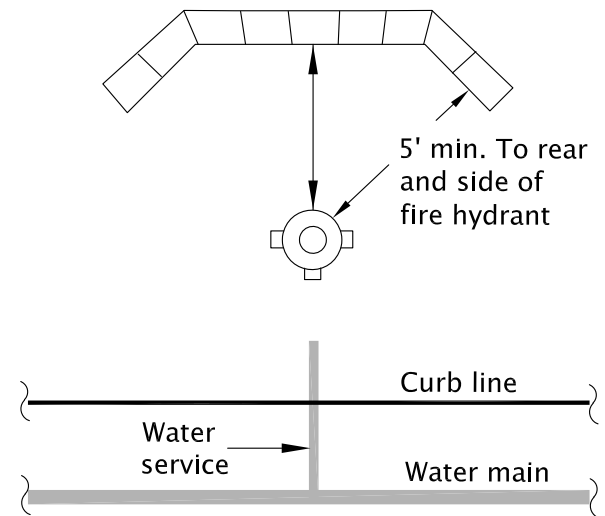
**SAMPLE ARCHED RETAINING WALL**



**SAMPLE RETAINING WALL SECTION**



**SAMPLE FIRE HYDRANT WITH RETAINING WALL**



See Std. Dwg. GP254 or GP255 for fire hydrant installation

**General Notes:**

- 1) All retaining walls in the public right-of-way or city utility easement must be approved and permitted by the City Engineer.
- 2) Walls over 4 feet high require a building permit. See GPDC section 23.038.
- 3) Access areas around water structures must be kept clear at all times.
- 4) Drain to approved location.
- 5) Maximum slope behind walls 25%.
- 6) Water structures typically include meter boxes, ARV's, fire hydrants and blow-off's.

<p>The selection and use of this standard drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.</p>	<p>Designed By: STAFF                  Drawn By: KJD                  Checked By: MPT                  Approved: JMC</p>		<p align="center"><b>CITY OF GRANTS PASS</b>                  101 Northwest 'A' Street                  Grants Pass, OR 97526                  (541) 450-6060 ph (541) 476-9218 fax</p>																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">No.</th> <th style="width: 10%;">Date</th> <th style="width: 65%;">Revisions</th> <th style="width: 20%;">App. By</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		No.	Date	Revisions	App. By																					<p><b>WATER STRUCTURE ACCESS</b></p>
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