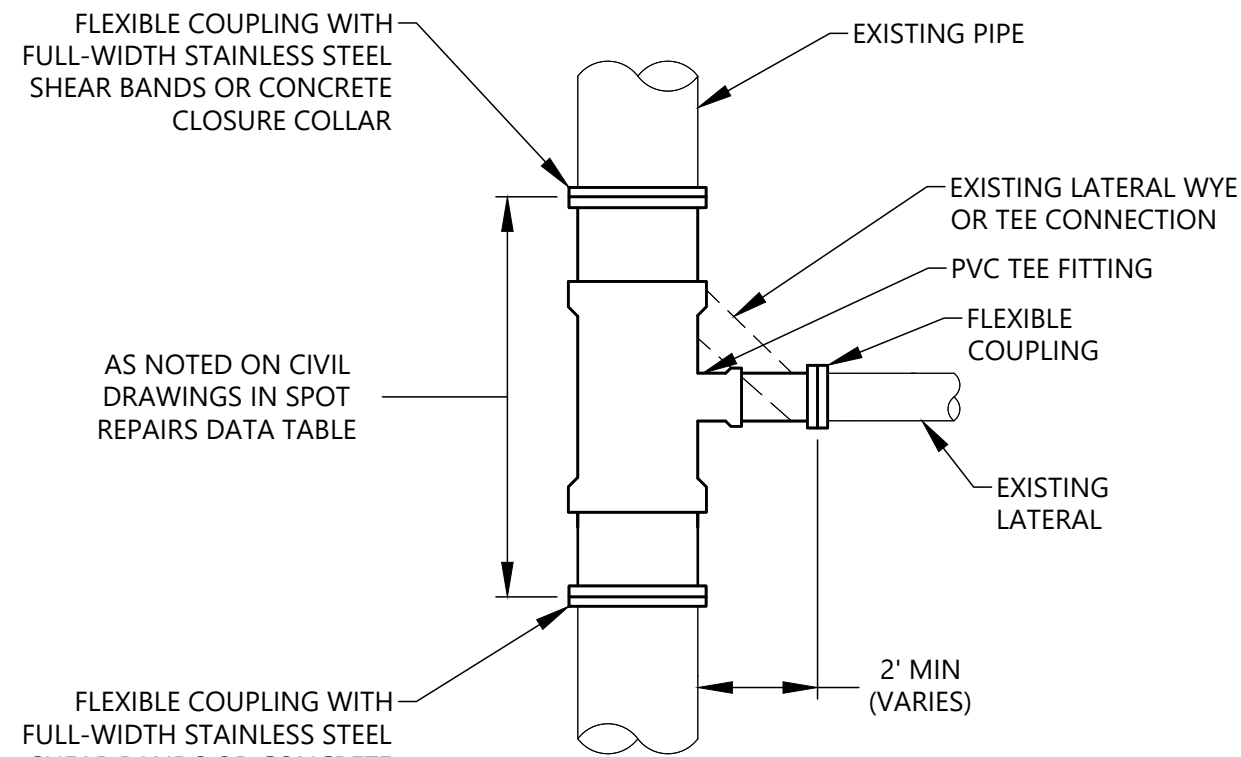
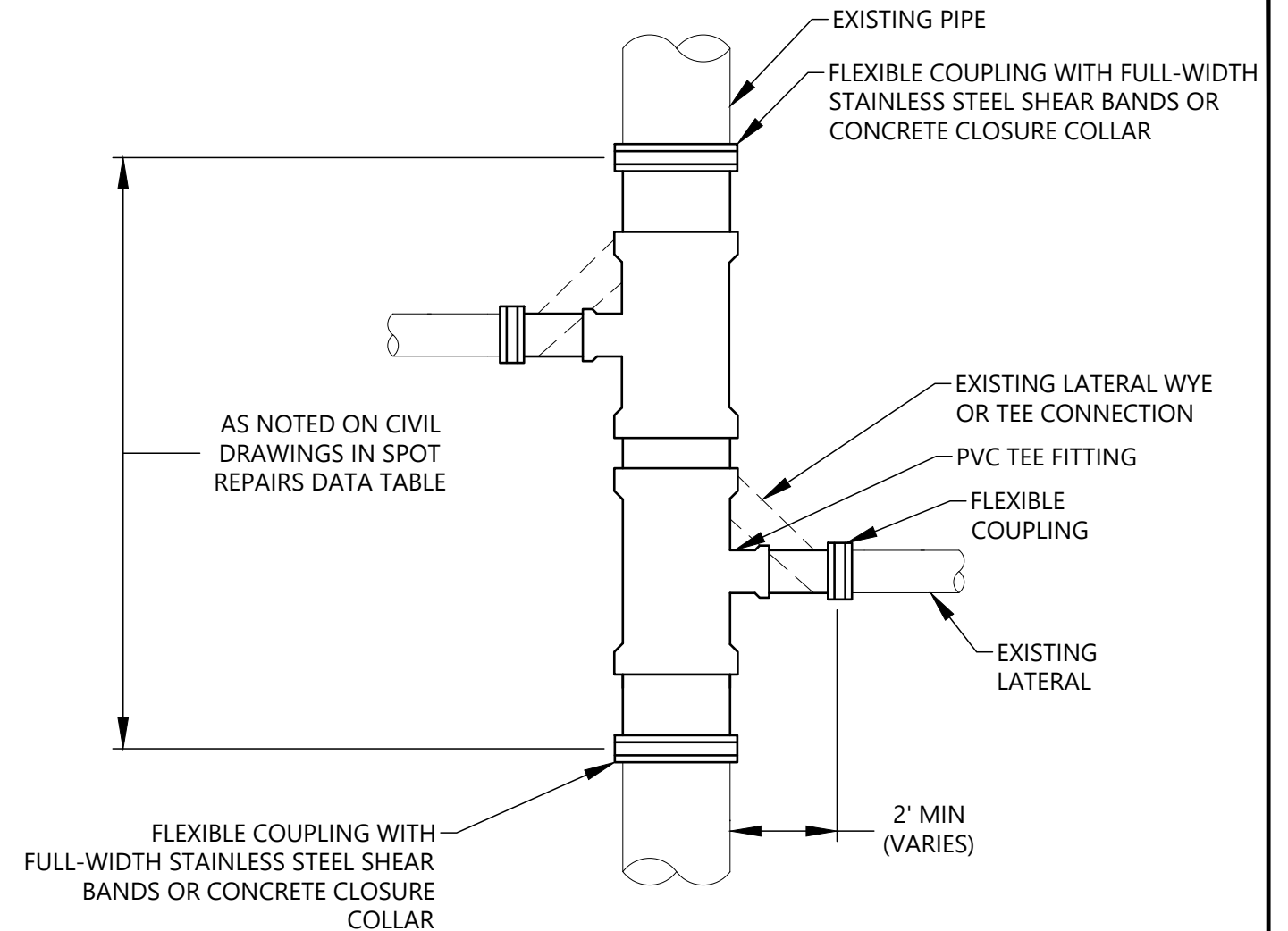


**1. MAINLINE SPOT REPAIR**




**2. MAINLINE SPOT REPAIR WITH ONE LATERAL CONNECTION**



**3. MAINLINE SPOT REPAIR WITH TWO OR MORE LATERAL CONNECTIONS**

**NOTES:**

1. CONNECT TO EXISTING STRUCTURAL SOUND PIPE.
2. LATERAL INVESTIGATION PER OWNER'S REPRESENTATIVE.

<p>The selection and use of this Standard Detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.</p> <p>Note: All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications.</p>	 <p>Bureau of Environmental Services CITY OF PORTLAND, OREGON</p> <p>_____ Chief Engineer</p>			
	<p>Standard Detail Title</p> <p><b>MAINLINE SPOT REPAIRS</b></p>			
	<table border="1"> <tr> <td>Effective Date: 04-01-21</td> <td rowspan="3" style="text-align: center; vertical-align: middle;">Standard Detail No. <b>P-264</b></td> </tr> <tr> <td>Calc. Book No.: N/A</td> </tr> <tr> <td>Baseline Report Date: N/A</td> </tr> </table>	Effective Date: 04-01-21	Standard Detail No. <b>P-264</b>	Calc. Book No.: N/A
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