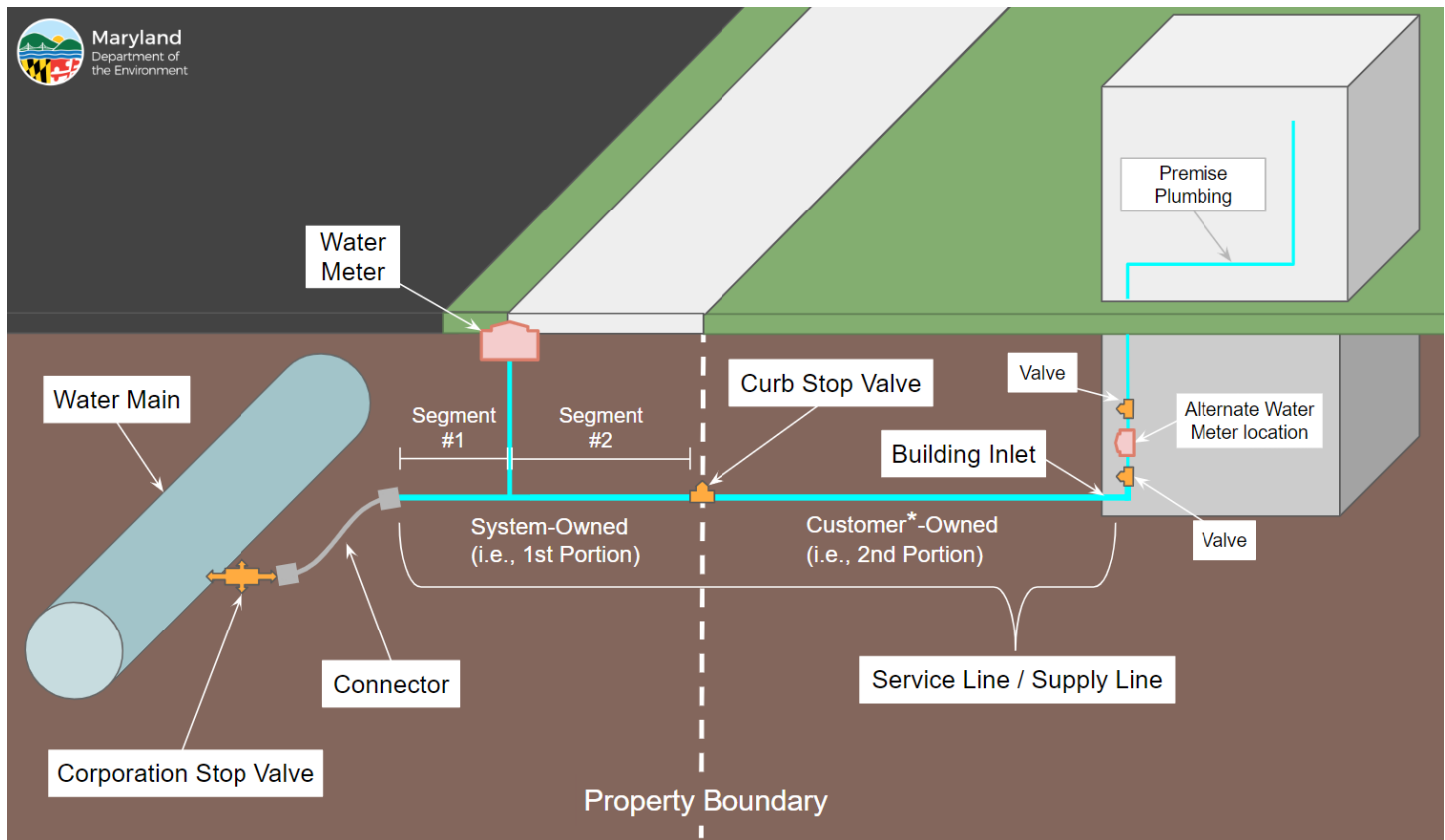


Appendix B: An Example of a Service Line from a Water Main to a Building, and Possible Connector Locations



**The term "Customer" refers to any entity that is not the water system.*

The diagram above shows an example of a service line from a water main to a building with a possible division in service line ownership (or responsibility) between the water system and the customer. The 1st portion of the service line (i.e., from the water main to the curb stop) is owned by the water system, and is comprised of two segments: one from the end of the connector to the water meter and another from the water meter to the curb stop valve. This example also shows a corporation stop valve at the water main followed by a connector (gooseneck, pigtail, etc.) between the water main and the 1st portion of the service line. A connector is a short piece of piping, typically not exceeding 2 feet in length, that can be bent and used for connections, usually between the service line and the water main. The 2nd portion of the service line (i.e., from the curb stop to the building inlet) is owned by the customer. This example also represents Service Line Scenario C in [Appendix A](#).

For some water systems, the delineation may be different (e.g., the ownership or responsibility distinction is at the water meter or property line). In other instances, the water system may share ownership with customers, or the water system or customer may have sole ownership of the service line.

Note that ownership of the property on which the service line is located does not always equate to ownership or responsibility of the service line.

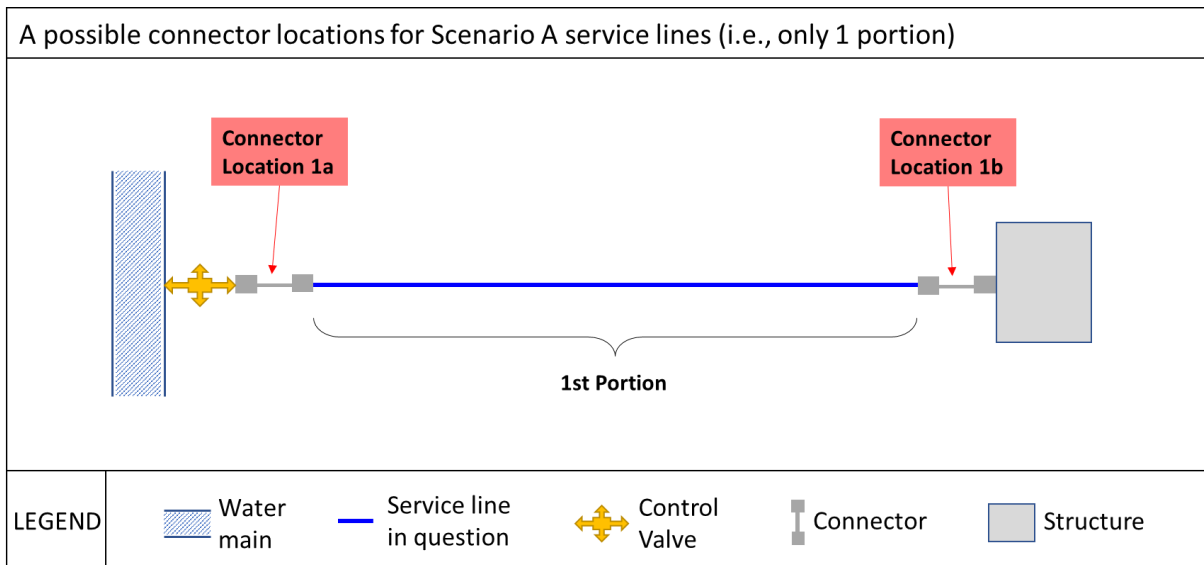
Possible Connector Locations

For the purpose of service line inventory, there are four possible locations for connectors (goosenecks, pigtails, etc.) that are captured in MDE’s service line inventory spreadsheet.

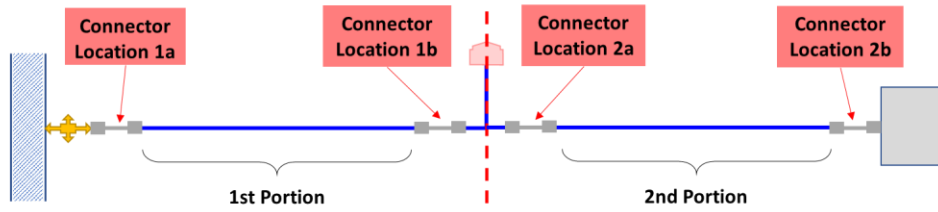
These four locations include:

- **Location 1a:** A connector at location 1a is the connector located between the water main and the 1st portion of the service line. *Note: This is the most common location of a connector.*
- **Location 1b:** A connector at location 1b is the connector located at the end of the 1st portion of the service line.
- **Location 2a:** A connector at location 2a is the connector located at the beginning of the 2nd portion of the service line.
- **Location 2b:** A connector at location 2b is the connector located between the end of the 2nd portion of the service line and the building inlet.

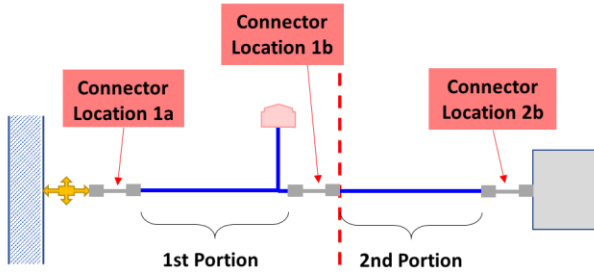
The diagrams below provide a visual representation of these connector locations (i.e., locations 1a, 1b, 2a, and 2b) for service line scenarios A and C. Note that connector locations for service line scenario B and D follow a similar pattern. For more details regarding service line scenarios, please refer to [Appendix A](#).



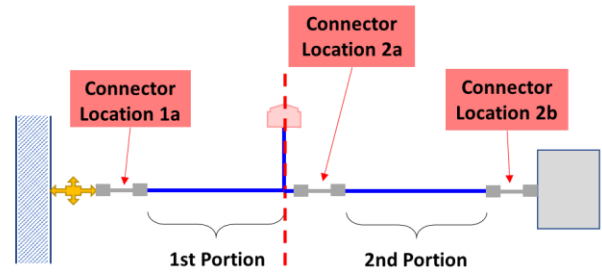
Some possible examples of Scenario C service lines (i.e., consists of 2 portions with no branching)



Possible Example 1



Possible Example 2



Possible Example 3

LEGEND	Water main Service line in question Control Valve Connector Water Meter Curb stop Valve A location where SL ownership (or responsibility) is split Structure
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