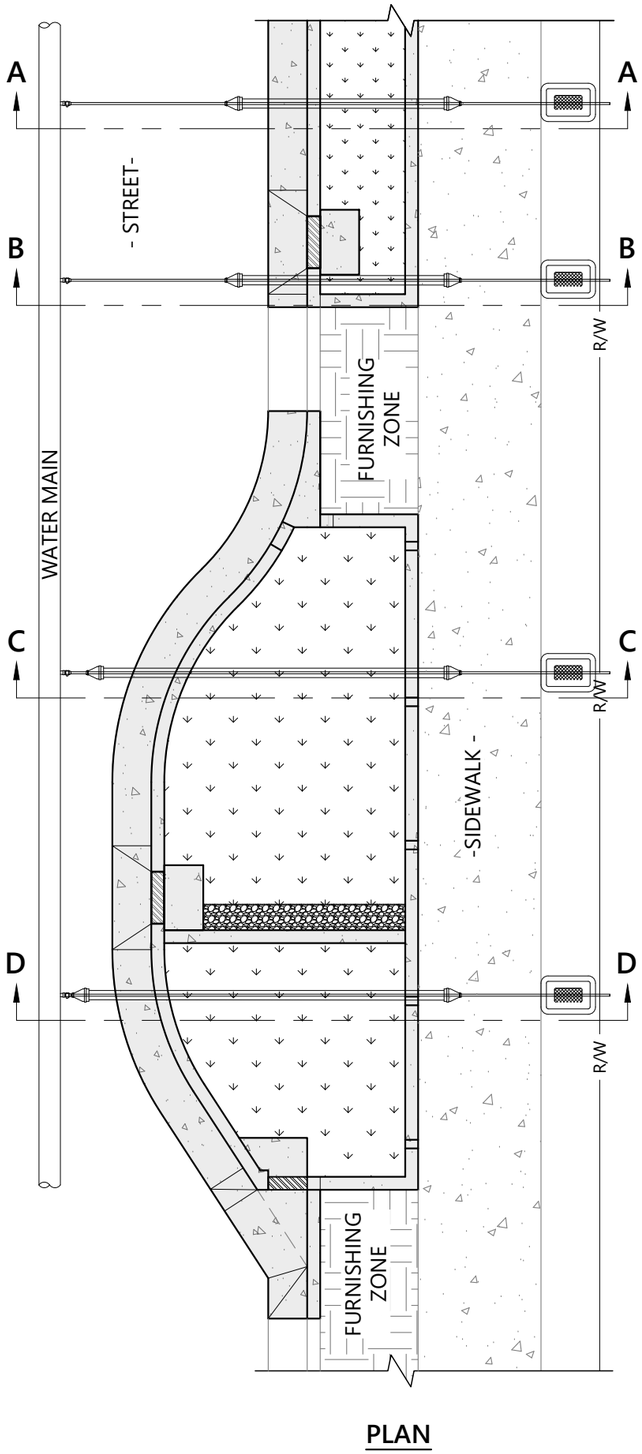
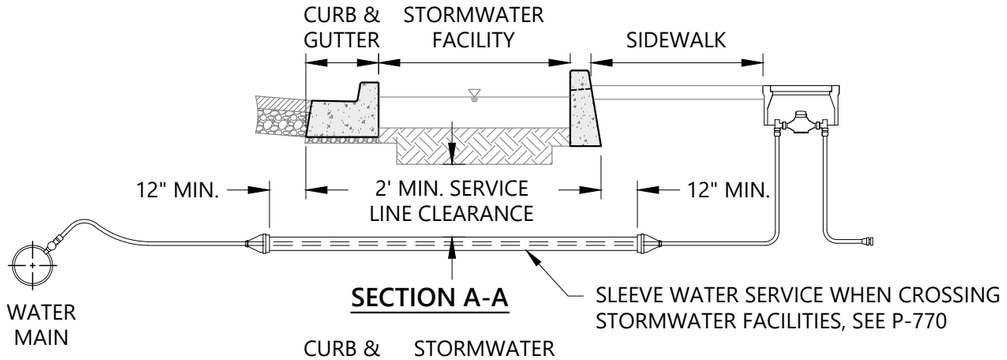
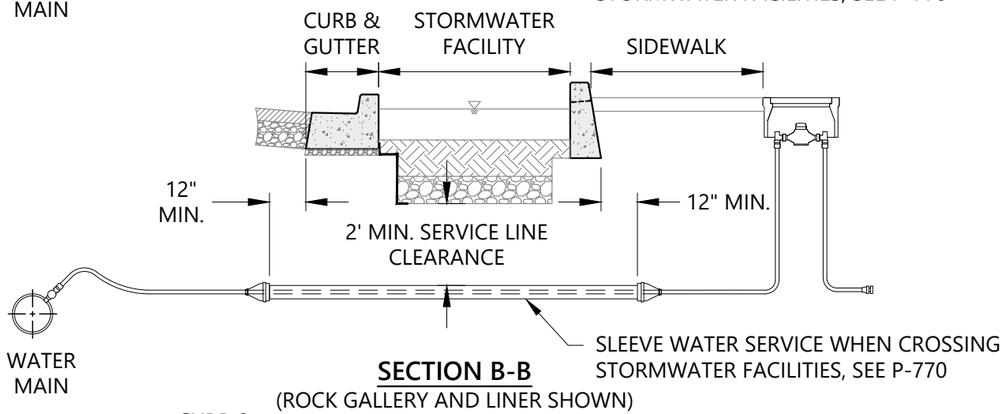


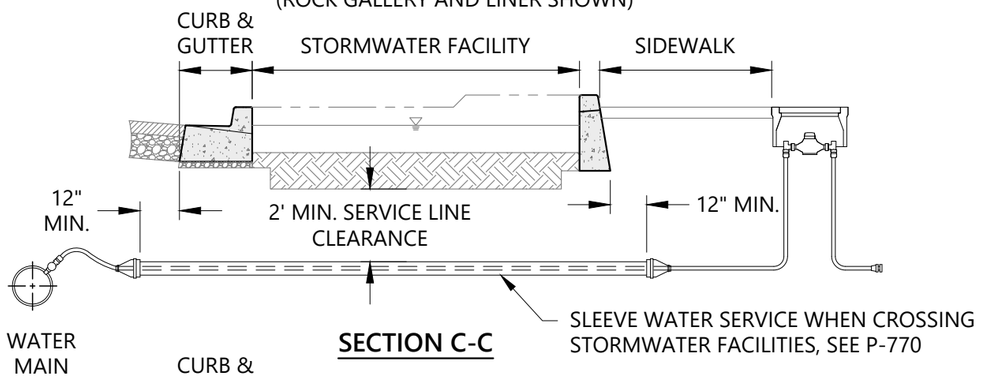
PLAN



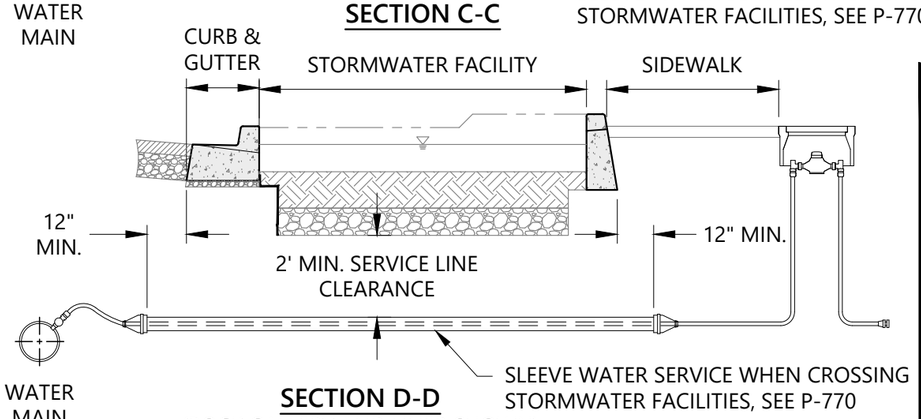
SECTION A-A



SECTION B-B
(ROCK GALLERY AND LINER SHOWN)



SECTION C-C



SECTION D-D
(ROCK GALLERY AND LINER SHOWN)

NOTES:

1. WATER SERVICE LINE MUST BE 2 FT MINIMUM FROM BOTTOM OF STORMWATER FACILITY IMPORTED MEDIA.
2. REFER TO 1" SERVICE ASSEMBLY STANDARD DRAWING P-780. FOR LARGER SERVICES OR OTHER APPURTENANCES CONTACT PWB DEVELOPMENT SERVICES AT (503) 823-7368.
3. REFER TO SLEEVED AND CASED PIPE STANDARD DRAWING P-770.
4. CROSS-SECTION VIEWS MAY BE REQUIRED ON CONSTRUCTION PLANS FOR PWB TO VERIFY LOCATION OF WATER MAIN IN RELATION TO THE FACILITY.
5. REFER TO UTILITY COORDINATION WATER ASSET CLEARANCES STANDARD DRAWING P-333 FOR MORE INFORMATION ON REQUIRED CLEARANCES.
6. STRAIGHT RUNS OF WATER MAIN WITH NO FITTINGS, WATER SERVICE CONNECTIONS, HYDRANT CONNECTIONS, NOR CONNECTIONS TO OTHER WATER MAINS MAY REMAIN UNDERNEATH STORMWATER FACILITIES AS LONG AS:
   - 6.1. THERE WILL BE 18" OF UNDISTURBED SOIL COVER OVERTOP OF THE WATER MAIN DURING EXCAVATION OF THE FACILITY, AND ≥ 30" OF COVER AT THE FINISHED FACILITY GRADE.
   - 6.2. A 30 MIL HDPE SHIELD LINER IS INSTALLED. EXTEND 3' ON EITHER SIDE OF THE WATER MAIN WHERE IT CROSSES UNDER THE FACILITY.

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.

Note:
All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications.

Bureau of Environmental Services
CITY OF PORTLAND, OREGON
Digitally signed by Paul Suto
Date: 2025.03.10 09:18:10 -07'00'
Chief Engineer

Standard Detail Title

UTILITY COORDINATION
WATER SERVICE LINE SLEEVING

Effective Date: 03-01-2025
Calc. Book No.: N/A
Baseline Report Date: N/A

Standard Detail No.
P-332

P-332_WATER_SERVICE_LINE_SLEEVING.DWG 2/28/25 2:43 PM SPEREZ