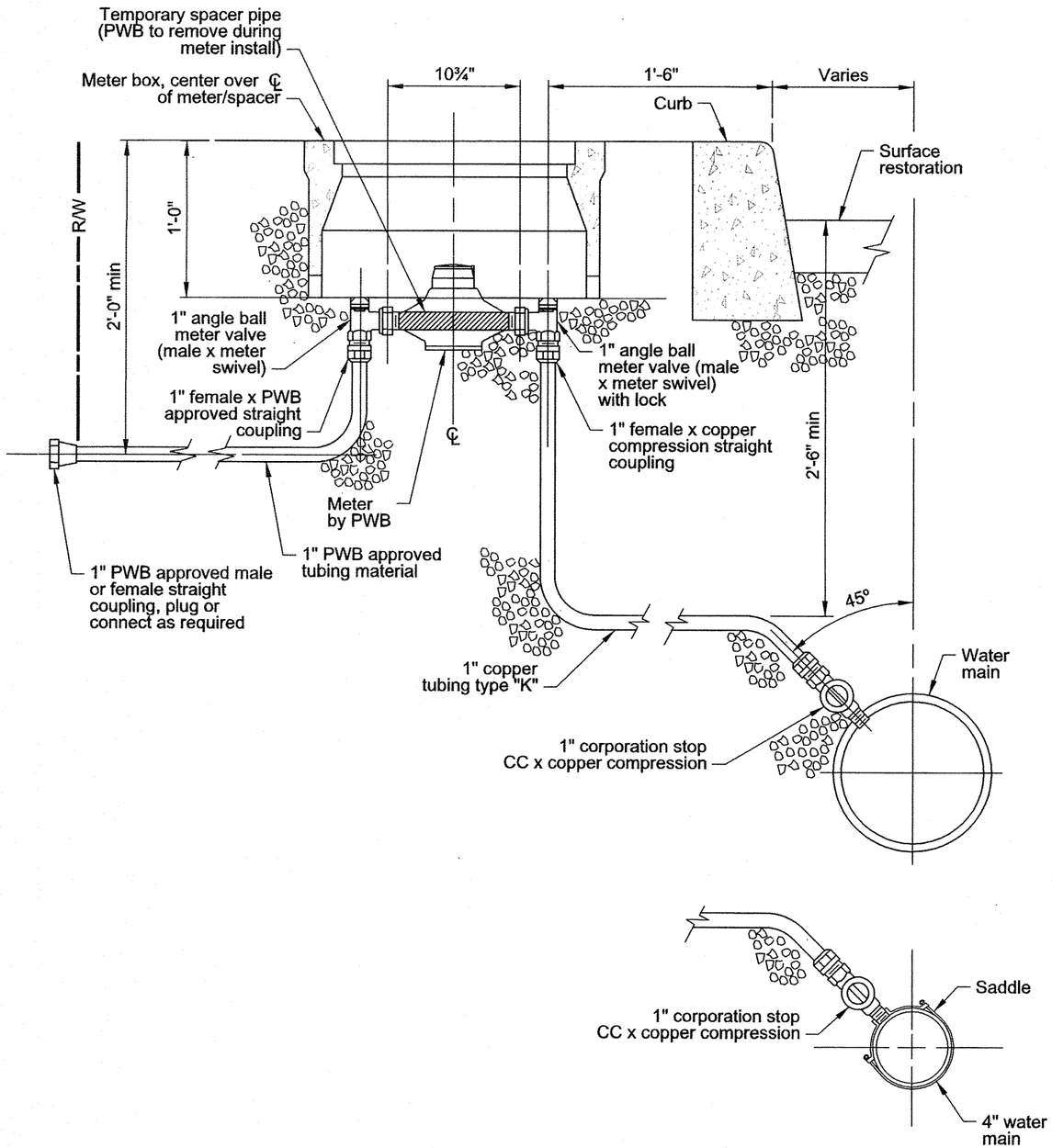

Plot Date: 6/2/2009 4:20:53 PM Filename: I:\CADD\Standards\Drawings\MicroStation\2009_StdDrawings\stans set\P-780.dgn

Notes:

1. Install service branches at right angles to the main, except in cul-de-sacs.
2. Service saddle required if water main is 4" diameter (optional on other sizes).
3. Meter and lock provided and installed by PWB.
4. Meter box and temporary spacer pipe provided by PWB.
5. Meter lengths are end of thread, does not include bushing.
6. Install temporary meter spacer pipe, angle ball meter valves and cap or connect per PWB.
7. Upstream angle ball meter valve to remain locked until PWB removes spacer pipe, lock and activates service.

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.

PORTLAND WATER BUREAU
CITY OF PORTLAND, OREGON

Chief Engineer

Standard Drawing Title

1" SERVICE ASSEMBLY

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

Effective Date	April 6 2009
Calc. Book No.	PWB 1
Baseline Report Date	April 6 2009

Standard Drawing No.

P-780