



NOTES:

1. THIS DETAIL IS APPLICABLE FOR ALL SERVICES 2" AND SMALLER REQUIRING AN ABOVE GROUND BACKFLOW DEVICE.
2. BACKFLOW PREVENTOR TYPE SHALL BE PER TOHO STANDARDS.
3. BACKFLOW SIZE SHALL NOT BE MORE THAN ONE NOMINAL SIZE SMALLER OR LARGER THAN THE WATER METER.
4. BACKFLOW SHALL NOT BE PLACED MORE THAN 18" FROM THE METER.
5. PRESSURE VACUUM BREAKER BACKFLOWS SHALL BE INSTALLED 12" ABOVE THE HIGHEST OUTLET. ALL OTHER TYPES OF BACKFLOW PREVENTERS SHALL BE INSTALLED A MINIMUM OF 12" TO A MAXIMUM OF 24" ABOVE THE 100 YEAR FLOOD PLAIN.
6. NO PLANTINGS, STRUCTURES, OR OTHER UTILITIES, INCLUDING BUT NOT LIMITED TO TELECOM PEDESTALS, ELECTRICAL TRANSFORMERS OR POLES, ETC. SHALL BE INSTALLED WITHIN 36" OF ANY SIDE OF THE BACKFLOW ASSEMBLY OR PAD.
7. ALL SERVICE PIPING AND FITTINGS BETWEEN THE METER AND THE BELOW GRADE 90 DOWNSTREAM OF THE BACKFLOW SHALL BE SCH80 PVC OR THREADED NO LEAD BRASS.
8. ALL SERVICE PIPING AND FITTINGS BETWEEN THE TWO BELOW GRADE 90s SHALL BE THREADED NO LEAD BRASS.
9. 8" THICK CONCRETE PAD SHALL EXTEND A MINIMUM OF 6" BEYOND THE FURTHEST HORIZONTAL POINT OF THE ASSEMBLY ON ALL SIDES.
10. TOP OF CONCRETE PAD SHALL BE A MINIMUM OF 2" ABOVE FINISH GRADE.
11. STANDPIPES SHALL BE ISOLATED FROM THE CONCRETE PAD VIA EXPANSION JOINT OR OTHER SUITABLE MATERIAL.
12. PAD SHALL BE FIBER REINFORCED CONCRETE OR CONCRETE WITH WIRE MESH OR #4 REBAR 12" OCEW.



EFFECTIVE DATE:	04/01/2025
BOARD APPROVED DATE:	01/22/2025
PREVIOUS VERSION:	NA
DRAWN BY:	DT
REVISED BY:	DT

TYPICAL BACKFLOW ASSEMBLY

DRAWING NUMBER
02.1