



SERVICE NOTES:

1. GATE VALVES SHALL BE RESILIENT WEDGE, CAST IRON, EPOXY COATED, THREADED INLET AND OUTLET WITH 2" OPERATING NUT.
2. CURB STOPS SHALL BE LOCKING TYPE, STRAIGHT BALL VALVE, NO LEAD BRASS.
 - 2.1. INLET SHALL BE PACK JOINT W/ CLAMP SCREW RETAINER.
 - 2.2. 1.5" AND 2" OUTLET SHALL BE 2 BOLT FLANGE METER CONNECTION.
 - 2.3. 3/4" AND 1' OUTLET SHALL BE SWIVEL METER NUT CONNECTION MATCHING METER SIZE.
3. SERVICE LINE SHALL BE CONTINUOUS, NO FITTINGS ARE PERMITTED ON THE POLY LINE BETWEEN THE GATE VALVE AND THE CURB STOP.
4. NO CURB STOPS SHALL BE INSTALLED UNDER AN IMPERVIOUS SURFACE OR STRUCTURE.
5. SERVICE TAPS SHALL BE A MINIMUM OF 18" FROM JOINTS, FITTINGS, OR OTHER TAPS ON THE MAIN.
6. SERVICE TUBING SHALL BE POLYETHYLENE DR9, 200PSI. BLUE FOR POTABLE WATER, PURPLE FOR REUSE WATER.
7. PLACE APPROVED 3M MARKER TAPE TO THE CURB STOP(S) INSIDE THE BOX TIED TO THE MARKER TAPE AT THE MAIN.
8. SERVICE LINES SHALL BE MARKED IN THE CURB OR SIDEWALK IMMEDIATELY ADJACENT TO PARKING SPACES WITH A 3" TALL "W" FOR WATER OR A 3" TALL "R" FOR REUSE. MARKS SHALL BE PAINTED BLUE FOR WATER PURPLE FOR REUSE.
9. THIS DETAIL IS INTENDED FOR SINGLE 2" WATER SERVICES ONLY. NO MORE THAN 1 METER, REGARDLESS OF SIZE, SHALL BE PLACED ON COMMERCIAL SERVICES COVERED BY THIS DETAIL.

METER AND METER BOX PLACEMENT NOTES:

1. METERS 3/4" TO 2" ARE PAID FOR BY THE DEVELOPER AND INSTALLED BY TOHO.
2. METER BOX(ES), SERVICE LINE(S), AND ALL ASSOCIATED APPURTENANCES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND/OR DEVELOPER.
3. APPROVED BACKFLOW DEVICES ARE REQUIRED ON ALL COMMERCIAL SERVICES AND ARE THE RESPONSIBILITY OF THE CONTRACTOR AND/OR DEVELOPER:
 - 3.1. RPZ BACKFLOW DEVICES SHALL BE INSTALLED A MINIMUM OF 12' ABOVE THE 100 YEAR FLOOD LEVEL.
 - 3.2. PVB BACKFLOW DEVICES SHALL BE INSTALLED A MINIMUM OF 12" ABOVE THE HIGHEST OUTLET.
 - 3.3. SEE DETAIL TOHO-02.1 TYPICAL BACKFLOW ASSEMBLY FOR ADDITIONAL REQUIREMENTS.
4. CURB STOP SHALL BE INSTALLED WITH THE OPERATING NUT FACING UP.
5. 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 METER BOX.
6. BUILDER SHALL MAKE FINAL HORIZONTAL AND VERTICAL ADJUSTMENTS TO METER ASSEMBLY AND BOX:
 - 6.1. METER SHALL BE APPROXIMATELY 7" BELOW FINISHED GRADE AND CENTERED IN THE BOX.
 - 6.2. METER BOXES SHALL BE PERPENDICULAR TO THE CURB OR SIDEWALK.
 - 6.3. TOP OF METER BOX SHALL BE FLUSH WITH FINISH GRADE.
7. METER BOX LID SHALL BE SOLID PLASTIC WITH NO METAL ACCESS DOOR, BLACK FOR WATER, PURPLE FOR REUSE.

	EFFECTIVE DATE:	04/01/2025	TYPICAL COMMERCIAL WATER SERVICE	DRAWING NUMBER 02.0
	BOARD APPROVED DATE:	01/22/2025		
	PREVIOUS VERSION:	2022		
	DRAWN BY:	MP		
	REVISED BY:	DT		