



SERVICE NOTES:

- GATE VALVES SHALL BE RESILIENT WEDGE, CAST IRON, EPOXY COATED, THREADED INLET AND OUTLET WITH 2" OPERATING NUT.
- CURB STOPS SHALL BE LOCKING TYPE, STRAIGHT BALL VALVE, NO LEAD BRASS.
 - INLET SHALL BE PACK JOINT W/ CLAMP SCREW RETAINER.
 - 1.5" AND 2" OUTLET SHALL BE 2 BOLT FLANGE METER CONNECTION.
 - 3/4" AND 1" OUTLET SHALL BE SWIVEL METER NUT CONNECTION MATCHING METER SIZE.
- SERVICE LINE SHALL BE CONTINUOUS, NO FITTINGS ARE PERMITTED ON THE POLY LINE BETWEEN THE GATE VALVE AND THE CURB STOP.
- NO CURB STOPS SHALL BE INSTALLED UNDER AN IMPERVIOUS SURFACE OR STRUCTURE.
- SERVICE TAPS SHALL BE A MINIMUM OF 18" FROM JOINTS, FITTINGS, OR OTHER TAPS ON THE MAIN.
- SERVICE TUBING SHALL BE POLYETHYLENE DR9, 200PSI. BLUE FOR POTABLE WATER, PURPLE FOR REUSE WATER.
- PLACE APPROVED 3M MARKER TAPE TO THE CURB STOP(S) INSIDE THE BOX TIED TO THE MARKER TAPE AT THE MAIN.
- 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.
- 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:

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



EFFECTIVE DATE:	04/01/2025
BOARD APPROVED DATE:	01/22/2025
PREVIOUS VERSION:	2022
DRAWN BY:	MP
REVISED BY:	DT

TYPICAL COMMERCIAL WATER SERVICE

DRAWING NUMBER

02.0