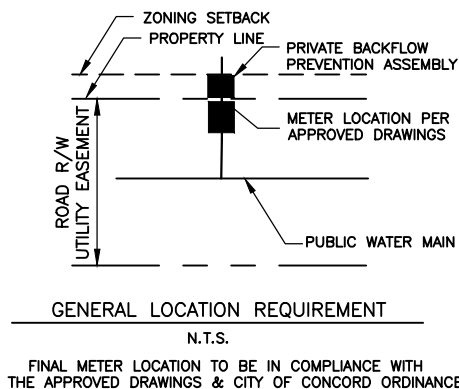


**GENERAL NOTES:**

1. 2 - INCH WATER SERVICE SHALL BE INSTALLED BY THE CITY OF CONCORD, IF CONNECTION IS TO BE MADE TO AN EXISTING WATER MAIN, UNLESS SPECIFIED BY THE CITY.
- 2-INCH TAPPING SADDLE: 2-INCH TAPPING SADDLES SHALL BE BRASS MANUFACTURED BY FORD "S-70", MUELLER "H-134-20", OR EQUAL. 6-INCH TO 12-INCH TAPPING SADDLE SHALL BE DOUBLE STRAP, STAINLESS STEEL, EPOXY OR NYLON COATED; OR SOLID BRASS MANUFACTURED BY SMITH BLAIR "317" OR ROMAC "202N". CORPORATION STOPS SHALL BE HIGH PRESSURE RATED AT 150 PSI BRASS COMPRESSION FITTING TYPE WITH STANDARD THREADS FOR INSERTION INTO THE TAPPING SADDLE AND WITH SERVICE PIPE CONNECTION INCLUDING COUPLING AND GASKET. CORPORATION STOPS MANUFACTURED BY MUELLER "H-25008", FORD, OR EQUIVALENT.
2. 2-INCH DIAMETER K-COPPER PIPE OR WITH CITY APPROVAL HDPE SDR#9 200PSI RATED WITH TRACING WIRE AND WITH EITHER "FRIALEN" ELECTROFUSION COUPLING FITTINGS "2"IPS-SDR#9" OR 2"IPSX2"IPS BRASS WITH PROTECTIVE SLEEVES BY "INDEPENDENT PIPE PRODUCTS" AND 2" BRONZE 90-DEGREE ELBOWS, AS APPLICABLE.
3. GATE VALVE SHALL BE 2-INCH EPOXY COATED CAST IRON RESILIENT WEDGE FIP TO FIP CONNECTION MANUFACTURE AMERICAN FLOW CONTROL, MODEL "304SS", MUELLER, OR AN APPROVED EQUIVALENT.
4. STANDARD VALVE BOX PROTECTION WITH 2'-0" X 2'-0" CONCRETE PROTECTOR RING, CAST IRON IN ACCORDANCE WITH CITY OF CONCORD DETAILS.
5. 4 TO 6-INCHES OF WASHED STONE IN METER BOX BASE AND FOOTINGS.
6. 2-INCH BRASS METER VALVE FLANGE MANUFACTURED BY FORD "BFA13-777W" OR EQUAL.
7. THE 2-INCH AMP METER WITH 2 BOLTS FLANGED ENDS, MANUFACTURED BY MUELLER SYSTEMS, MODEL: MVR160; OR AN APPROVED EQUIVALENT SHALL BE SET AFTER THE APPURTENANCES REQUIRED FOR THE METER INSTALLATION ARE IN PLACE AND DEEMED ACCEPTABLE BY THE CITY OF CONCORD.
8. METER BOX SHALL BE GLASMASTERS UNDERGROUND ENCLOSURE, 17X30 STRAIGHT WALL -OPEN BOTTOM TIER 8 LOAD RATING BOX TIER WITH TWO MOUSE HOLES; AND SHALL HAVE A MINIMUM 12-INCH HEIGHT AND BE GRAY IN COLOR, MODEL NUMBER S173012S20N08-1; OR EQUIVALENT. ADDITIONAL BOX HEIGHT MUST BE AUTHORIZED BY THE CITY.  
METER BOX LID SHALL BE GLASMASTERS UNDERGROUND ENCLOSURES, 17X30 COVER WITH SINGLE AMR MOUNTING HOLE, 2 THRU W/4.125 DIA X 0.25 DEPTH COUNTER BORE, WITH TIER 08 LOAD RATING AND GRAY IN COLOR, MODEL NUMBER S1730SN08-1-WA; OR EQUIVALENT. THE METER BOX RIM AND COVER SHALL BE SET FLUSH WITH FINAL GRADE. METER BOX ASSEMBLY SHALL NOT BE LOCATED WITHIN AREAS SUBJECT TO VEHICULAR AND PEDESTRIAN TRAFFIC AND/OR DRAINAGE FEATURES.
9. 12-INCH BRASS NIPPLE PAST BOX
10. REQUIRED BACKFLOW PREVENTION ASSEMBLY IN ACCORDANCE WITH THE CITY OF CONCORD CROSS-CONNECTION CONTROL ORDINANCE.



**WATER METER STANDARD DETAIL**

**2-INCH COMMERCIAL WATER SERVICE METER**

2.	4/26/17	By	GENERAL NOTE 2 - K-COPPER PIPE MATERIAL
2.	2/25/16	By	GENERAL NOTE 11-SCRIBED "W", SVM
1.	9/7/07	By	CONTINUOUS PIPE & CONNECTION, SVM
No.	Date	By	REVISION
Drawn By:	Checked By:	Approved By:	Date
			9/21
			Sht
			of