



LOCATOR TAPE TO BE CONNECTED TO LOCATOR TAPE USED IN WATER MAIN DITCHLINE. THE LOCATOR WIRE IS TO BE CONNECTED TO THE WIRE USED IN WATER MAIN DITCHLINE.

METER BOX
GROUND SURFACE

METER TO BE SET BY CITY

ADAPTER

LOCATOR TAPE

COPPERSETTER

10" LONG PIECE OF 1/2" PVC OR GALVANIZED PIPE THRU BRACE PIPE EYE.

LOCATOR WIRE

2' OF 1" SERVICE TUBING

1" SERVICE TUBING

DIRECT BURY SPLICE

THE HAUNCHING AROUND SADDLE AND FIRST THREE FEET OF TUBING SHALL BE HAND PLACED GRAVEL, AND COMPACTED BY SHOVEL SLICING.

NOTES:

1. WHEN REPLACING METERS/SERVICES, THE PIGTAIL SHALL BE CONNECTED TO THE CUSTOMER'S EXISTING SERVICE LINE.
2. ALL 5/8" AND 1" METERS LOCATED ON OPPOSITE SIDE OF THE ROAD FROM THE MAIN SHALL HAVE THEIR SERVICE LINE INSTALLED IN 2" SDR-21 CASING PIPE.
3. ALL BRASS COMPONENTS SHALL MEET THE NEW LOW LEAD LIMITS IN ACCORDANCE WITH FEDERAL LAW S.3874 AND NSF-61, ANNEX G.

FITTINGS TO BE USED

ITEM	PART NUMBERS
SADDLE, PVC PIPE:	FORD STYLE S70, MUELLER S-13431, WITH AWWA TAPERED (CC) THREADS
SADDLE, D.I PIPE:	SMITH-BLAIR TYPE 313, FORD STYLE F202, WITH CC THREADS
CORP. STOP:	FORD F1000-4-Q, WITH CC THREADS, MUELLER H15008. 1" FOR 5/8" X 3/4" AND 1" METERS
SERVICE TUBING:	1" CTS 250 PSI ENDOPOLY WATER SERVICE TUBING PE 4710 ASTM D2737 SDR-9
INSERTS:	INSERTS TO BE PLASTIC, NO METAL INSERTS ALLOWED
COPPERSETTER:	FOR 5/8 X 3/4 METER: FORD NUMBER VB-72-7W-44-44Q, MUELLER B2434 WITH A H15451 1" COMPRESSION CTS X 1" F.I.P. INLET ADAPTER AND A H15451 1" COMPRESSION CTS OUTLET
ADAPTER:	FOR 1" METER: FORD NUMBER VB74-10W-44-44-Q, MUELLER B2434 WITH A H15451 1" COMPRESSION CTS X 1" F.I.P. INLET AND OUTLET ADAPTER
METER BOX:	FORD NUMBER C14-44-Q, MUELLER H-15451 -1" CTS COMPRESSION X 1" F.I.P. SOUTHEASTERN DISTRIBUTORS, INC., METER BOX WITH TWO PIECE CAST IRON LID, ITEM NO. 17 FOR 5/8" & 3/4" METERS, ITEM NO. 58 FOR 1" METERS
LOCATOR TAPE:	2" DETECTION TAPE WITH WORDS "CAUTION WATER LINE BURIED BELOW"
LOCATOR WIRE:	# 12 AWG SOLID COPPER WIRE COATED PE45 BLUE, NOT REQUIRED WITH COPPER SERVICES
DIRECT BURY SPLICE:	KING WIRE NUT W/SILICONE TO FIT #8 GA. THRU #22 GA. WIRE (DIRECT BURY KING 6 BLUE)
METERS:	SENSUS-SR METERS, BADGER-RECORDALL, OR HERSEY #430 H-S- FURNISHED BY CITY

WATER SERVICE DETAIL
NOT TO SCALE