COMBINED RESIDENTIAL FIRE & DOMESTIC WATER SERVICE

CUSTOMER'S PIPING MATERIALS ON "BUILDING" SIDE BEYOND COUPLINGS SHALL BE IN CONFORMANCE WITH UBC OR UPC REQUIREMENTS

WATER MAIN

14

WATER SERVICE

10 13 12 12

DOMESTIC SERVICE

1" OR 2"

FIRE SERVICE

14

PLAN

CENTER READING LID OVER METER

OBTAIN PERMIT FROM THE ENGINEERING DIVISION FOR WORK
FROM THE WATER METER TO THE MAIN

OBTAIN PERMIT FROM THE BUILDING DIVISION FOR WORK
FROM THE WATER METER TO THE BUILDING

SECTION

6" NOTCH IN THE SLEEVE, EMBED SLEEVE AT LEAST 3" IN DEPTH IN 3/8" DRAIN ROCK (MIN. 4" THICK), PLACED AT THE BOTTOM OF THE METER BOX

1/4" 23 GAUGE, GALVANIZED HARDWARE CLOTH TO BE 6" WIDER AND 6" LONGER THAN METER BOX. INSTALL OVER DRAIN ROCK AND UNDER METER BOX.

MATERIAL LIST

1. SADDLE, DOUBLE STRAP BRONZE, MUELLER BR2B WITH AWWA FIP
2. CORPORATION STOP, MUELLER #B-2502B( 2"
   OR (1") I.P.T. x COPPER
3. TUBING, COPPER TYPE "K", SOFT- 1" MIN. (SEE NOTE 4)
4. STRAIGHT COUPLING CTS x MIP, 1" OR 2", MUELLER #H15428
5. BRONZE TEE, 1" OR 2"
6. BRASS SHOULDER NIPPLE, 1" OR 2"
7. BRONZE 90° ELBOW, 1" OR 2"
8. BALL CURB VALVE, FIP x FIP, 1" OR 2"
   MUELLER B20200-FIPxFIP OR FORD
   B11-777WW-FIPxFIP LOCK OPEN DEVICES
9. BRASS CLOSE NIPPLE 1" OR BRASS BUSHING 2"
   x 1" WITH BRASS CLOSE NIPPLE 1"
10. BALL ANGLE METER VALVE, FIP x METER NUT
    MUELLER B24265
11. METER BUSHING WITH RUBBER WASHER, 1"x 3/4" MUELLER H10889
12. STRAIGHT METER COUPLING, 3/4" OR 1" MUELLER H10886
13. WATER METER 3/4" OR 1" (TOUCH READ TYPE), SUPPLIED BY CITY (SEE NOTE 1)
14. WATER METER BOX AND COVER, CHRISTY CONCRETE PRODUCTS, INC. FL30 BOX AND LID (BOX AND LID SUPPLIED BY CITY, SET BY CONTRACTOR) NOTE: USE TRAFFIC RATED BOX FOR METER BOX EXPOSED TO TRAFFIC

NOTES:
1. CONTRACTOR SHALL PURCHASE THE WATER METER AT THE CITY’S UTILITY BILLING OFFICE. THE INSTALLATION OF THE WATER METER SHALL BE COORDINATED THROUGH THE DWWR INSPECTOR.
2. REFER TO DRAWING W-1 FOR TAPPING RESTRICTIONS, METER BOX LOCATION AND OTHER INSTALLATION CONDITIONS.
3. SEE SECTION 02710 FOR EQUIPMENT OPTIONS, AND OTHER RELEVANT INFORMATION.
4. SUBMIT TO ENGINEERING DIVISION, THE REQUIRED PIPE SIZING CALCULATION TO MEET DOMESTIC AND FIRE FLOW COMBINED DEMAND. NOTE THAT THEPipe SIZES ALLOWED ARE 1" OR 2".
5. SUBMIT TO FIRE DEPARTMENT, THE REQUIRED PIPE SIZING CALCULATION TO MEET FIRE FLOW DEMAND.
6. TWO INCH (2") WATER SERVICE CONNECTIONS SHALL NOT BE MADE TO WATER MAINS LESS THAN FOUR INCHES (4") IN DIAMETER.