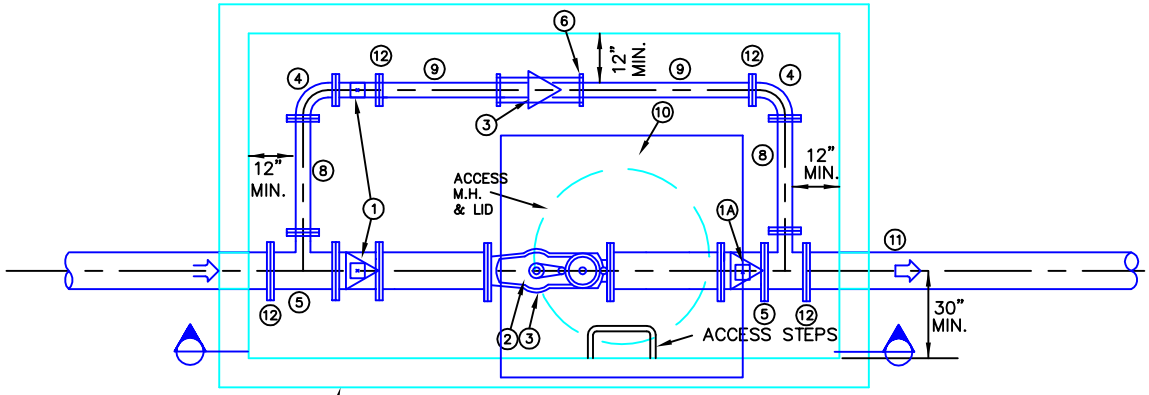
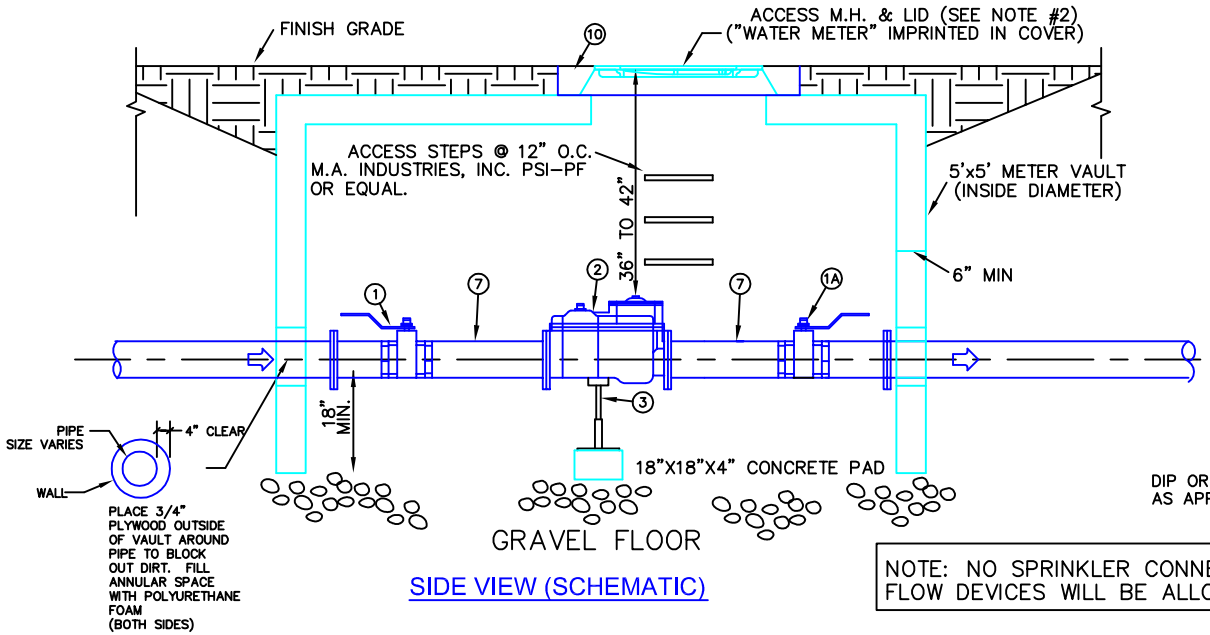


PLAN VIEW (SCHEMATIC)



SIDE VIEW (SCHEMATIC)

NOTES:
1. ALL UNDERGROUND PIPING TO BE TYPE K SOFT COPPER WITH NO JOINTS
2. ALL METER BOXES TO BE STRUCTURALLY DESIGNED FOR HS 20 LOADING 24" RING & LID TO BE D&L A1180-SP-DISH WITH HS 20 LOADING. (SEE SW-01)
3. NO GRADE RINGS WILL BE ALLOWED TO ADJUST ELEVATION LID SHALL NOT BE THE LOW POINT IN LANDSCAPING
4. GRAVEL FLOOR SHALL BE A MIN. OF 18" THICK.
5. IF THIS IS FOR LANDSCAPE METER ONLY, REMOVE BYPASS AND INSTALL BRASS PLUG ON TEES
6. TAPS IN DIP MUST BE 24" FROM ANY TAPS, BELL, OR MJ
7. TAPS IN PVC MUST BE 36" FROM ANY TAPS, BELL, OR MJ
8. WHEN VAULT IS LOCATED IN THE ROAD, LOWER THE VAULT 12" BELOW GRADE & ADD FILL MATERIAL BETWEEN ASPHALT AND TOP OF VAULT AS APPROVED BY CITY ENGINEER

(1) BALL VALUE WITH LOCK WING MUELLER B-202000

(1A) BALL VALUE

(2) SENSUS OMNI C^2 METER WITH ELECTRONIC AMR REGISTER, PROGRAMED TO READ IN 1,000 GALLON. METER IS NOT PROVIDED BY THE CITY.

(3) SCREW JACK PIPE SUPPORT

(4) BRASS 90° BENDS

(5) BRASS TEE

(6) BRASS COMPRESSION COUPLER (MUELLER H-15403) OR APPROVED EQUIVALENT

(7) 4" BRASS NIPPLE

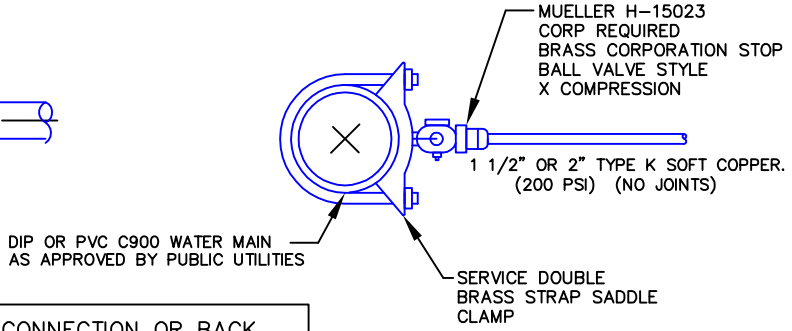
(8) 12" BRASS NIPPLE

(9) TYPE K RIGID COPPER

(10) CONCRETE APRON: 12" MIN, 15" MAX, 8" MIN. THICK (SEE SW-01)

(11) C.T.S. POLY PIPE 12" MIN. OUTSIDE OF BOX

(12) MALE IP BY COMPRSSION (MUELLER H-15428) OR APPROVED EQUIVALENT



NOTE: NO SPRINKLER CONNECTION OR BACK FLOW DEVICES WILL BE ALLOWED IN METER BOX.

NO.	AUTHORIZED BY	REVISIONS	DATE
1	RSS	UPDATE	12/1999
2	CC	UPDATE	1/2010
3	CC	UPDATE	8/2011
4	CC	UPDATE	5/2013
5	CC	UPDATE	2/2015

Sandy PUBLIC UTILITIES

STANDARD DETAIL

FIGURE 08

1 1/2 -2" WATER METER AND METER VAULT

SCALE: NONE