Garden City 5/8" x 3/4" Single or Double Water Service Connection

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NOT TO SCALE

DOUBLE WATER METER BRANCH FITTING & LOCATION

KEYNOTES

1. CMP METER VAULT – NOTCH FOR SERVICE LINE(S)
2. BRANCH FITTING (FORD U68-430-NL) OR APPROVED EQUAL
3. 3/4" BALL VALVE X 2
4. 5/8 X 3/4" METER SETTER X 2
5. SERVICE MARKER, 2X4 OR 3" DIAMETER WOODEN POLE TOP 4" PAINTED FLUORESCENT BLUE
6. 1" PE POLYETHYLENE PIPE, I.P.S. CLASS 200
7. NO. 12 COPPER FINDER WIRE WITH BLUE INSULATION
8. 8" X 16" X 2" CONCRETE BLOCK UNDER CMP METER VAULT

NOTE
SEE SHEET 2 OF 2 FOR ELEVATION SET OF METER VAULT LID.
1. NO GALVANIZED PIPE OR YELLOW BRASS FITTINGS SHALL BE USED. THE CITY REQUIRES THAT ALL WATER METERS AND WATERWORKS BRASS BE ANSI/NSF 61 CERTIFIED AND MEET EPA NO LEAD REQUIREMENTS.

2. SERVICE PIPE SHALL BE 1" ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE PIPE CONFORMING TO ASTM D 2239, SDR 7, CLASS 200 IN IRON PIPE SIZE. STIFFENERS MUST BE USED WITH POLYETHYLENE PIPE.

3. SADDLE COUPLINGS SHALL BE USED FOR CONNECTION OF ALL SERVICE LINES DIRECT TAP TO PVC MAIN. ALL SERVICE SADDLES SHALL BE EPOXY COATED OR NYLON AND CONSIST OF A STAINLESS STEEL BAND AND MUELLER THREADS, TYPE IP.

4. NO SERVICE CONNECTION SHALL BE MADE WITHIN EIGHTEEN (18") INCHES OF THE PIPE ENDS. MULTIPLE CONNECTIONS MADE ON THE SAME JOINT OF PIPE SHALL BE STAGGERED ON THE CIRCUMFERENCE AND SEPARATED BY A MINIMUM OF EIGHTEEN (18") INCHES.

5. METER VAULTS LOCATED IN CONCRETE DRIVEWAYS SHALL BE CENTERED IN A 4' X 4' SQUARE OF CONCRETE, SEPARATED FROM THE REST OF THE DRIVEWAY CONCRETE BY Expansion joint material.

6. FINDER WIRE SHALL BE TAPE TO SERVICE LINES AT 5' MAXIMUM SPACING. TAPE TO SERVICE NOT MORE THAN 6" FROM ANGLE STOP (WITH 10 MIL WATERPROOF TAPE).

**KEYNOTES**

1. BALL CORPORATION STOPS (17) APPROVED: FORD FB1101-4-G-NL OR APPROVED EQUAL

2. NO. 12 COPPER FINDER WIRE WITH BLUE INSULATION

3. 21" DIA. X 36" CMP VAULT, NOTCH FOR SERVICE LINES. CMP SHALL BE PLACED ON CONCRETE BLOCKS (2 EA) SEE SHEET 1 OF 2 FOR LOCATION

4. 5/8" X 3/4" METER SETTER WITH LOCKABLE KEY VALVE APPROVED: FORD VBHC92-18W-81-33J-NL

5. WATER MAIN

6. 1" SERVICE LINE (TYPICAL) NO SPlicing ALLOWED

7. MALE SWIVEL END

8. FULL OPENING BALL VALVE APPROVED: FORD B11-333-NL

9. CURB STOP ADAPTER APPROVED: FORD CB6-34-G-NL

10. FIRM UNDISTURBED EARTH

11. EXTEND 10' FROM METER VAULT AND PROVIDE TEMPORARY PLUG (THREADED IN HIGH GROUNDWATER AREAS)

12. DOUBLE PURPOSE COUPLING (PROPERTY LINE)

13. LID SHALL CONTAIN ONE OR TWO FACTORY DRILLED "TOUCH READ" HOLES FOR SINGLE OR DOUBLE METERS. THE METER CAN BE 21-INCH DIAMETER CMP (CUT TO MATCH LID ELEVATION TO FINISH GRADE AND NOTCHED AT BOTTOM FOR SERVICE LINES) AND CAN BE A D&B FOUNDRY B5020 FOR NON-TRAFFIC AREAS OR A D&B FOUNDRY B6018 FOR TRAFFIC AREAS. SERVICE PIPE LINES SHALL BE A MINIMUM 1-INCH, UNLESS OTHERWISE NOTED, WITH MINIMUM 5/8" X 3/4" METER SETTERS.