NOTES:
1. BACKFLOW DEVICE MUST BE INSTALLED IMMEDIATELY DOWNSTREAM OF METER, AS SHOWN ABOVE.
2. COPPER PIPE TYPE "K" OR BRASS PIPE MINIMUM SCHEDULE 40 SHALL BE USED TO A MINIMUM DEPTH OF 12" BELOW GRADE.
3. PIPES PASSING THROUGH OR ENCASED IN CONCRETE MUST BE PROPERLY PROTECTED AND SLEEVED.
5. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1/2".
6. BACKFLOW PREVENTER SHALL BE TESTED AT THE TIME OF INSTALLATION.
7. PRESSURE REDUCING VALVE REQUIRED UPSTREAM OF BACKFLOW IF SYSTEM PRESSURE EXCEEDS 80 PSI.
8. 3" MINIMUM CLEARANCE FROM LANDSCAPING PLANTS TO EDGE OF CONCRETE SLAB AND CLEAR OPENING FOR ACCESS FROM STREET.
9. IN ADDITION TO THE PRV, THE BUILDING DEPT. MAY REQUIRE AN APPROVED DEVICE FOR THERMAL EXPANSION CONTROL.
10. REFER TO DETAIL WATER METER & BACKFLOW PREVENTER FOR LIFT STATIONS FOR WATER SERVICE AT SEWAGE PUMPING STATION.
NOTES:
1. THIS DETAIL FOR FIRE PROTECTION ONLY.
2. WHEN PRESSURE TESTING FIRE LINE, TEST AGAINST DOWNSTREAM GATE VALVE.
3. THE SYSTEM MUST MEET ALL REQUIREMENTS OF THE FLORIDA PLUMBING CODE (LATEST EDITION), THE MANATEE COUNTY BACKFLOW PREVENTION ORDINANCE (LATEST EDITION) AND THE MANATEE COUNTY FIRE MARSHALL REQUIREMENTS.
4. ABOVE GROUND PIPING SHALL BE FLANGED DUCTILE IRON CLASS 53 AND PAINTED RED.
5. ALL EXPOSED EDGES OF CONCRETE SHALL HAVE 1/2" CHAMFER.
6. LANDSCAPE VEGETATION SHALL BE 6 FEET MIN. FROM EDGE OF CONCRETE SLAB. STREET SIDE OF ASSEMBLY SHALL REMAIN OPEN.
7. ALL ANCILLARY BOLTS & FASTENERS TO BE STAINLESS STEEL.
8. SEE GATE VALVE BOX, LID AND TAG DETAIL.
9. PIPE STANDS SHALL BE BOLTED TO SLAB.

SLAB SPECIFICATIONS

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<th>PIPE DIAMETER</th>
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ELEVATION

LIMITS OF MASTER METER ASSEMBLY

NOTES:
1. ABOVE GROUND PIPING SHALL BE FLANGED DUCTILE IRON CLASS S3, PAINTED SAFETY BLUE FOR POTABLE WATER OR PANTONE 522C FOR RECLAIMED WATER.
2. METER ASSEMBLY SHALL BE INSTALLED LEVEL AND PRESSURE TESTED AGAINST UPSTREAM GATE VALVE.
3. PIPE THROUGH SLAB AND ALL BELOWGROUND D.I. PIPE AND FITTINGS SHALL BE POLYETHYLENE WRAPPED.
4. TEE BETWEEN METER AND BACKFLOW IS REQUIRED ON TURBINE METERS. TEE IS NOT REQUIRED ON COMPOUND METERS.
5. FIRE SERVICE METER TO BE USED ONLY WHEN POTABLE WATER AND FIRE PROTECTION ARE SUPPLIED THROUGH A SINGLE POTABLE WATER LINE.
6. ALL EXPOSED EDGES OF CONCRETE SHALL HAVE 1/2" CHAMFER.
7. LANDSCAPE VEGETATION SHALL BE 10'-0" MIN. FROM METER & ABOVE GROUND PIPING. STREET SIDE OF ASSEMBLY SHALL REMAIN OPEN.
8. BACKFLOW PREVENTER IS NOT REQUIRED ON RECLAIMED WATER MASTER METER ASSEMBLY, EXCEPT WHERE FERTILIZER OR CHEMICAL INJECTION METHODS WILL BE IN USE.
9. ALL ANCILLARY BOLTS & FASTENERS SHALL BE STAINLESS STEEL.
10. BALL VALVES SHALL BE FULL PORT WITH LOCKING TABS.
11. SHOULD THERE BE INSUFFICIENT ROOM TO INSTALL THE METER ASSEMBLY, 90° BENDS AND TEES MAY BE USED AS SHOWN IN REPLACEMENT FOR 3" AND ABOVE MASTER METER.
12. COUNTY WILL PROVIDE STRAINER AND METER. ALL OTHER VALVES, PIPE, FITTINGS AND BACKFLOW PREVENTER TO BE PROVIDED BY SITE CONTRACTOR.
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NOTES:
1. ABOVE GROUND PIPING SHALL BE FLANGED DUCTILE IRON CLASS 53, PAINTED SAFETY BLUE FOR POTABLE WATER OR PANTONE 5220 PURPLE FOR RECLAIMED WATER.
2. METER ASSEMBLY SHALL BE INSTALLED LEVEL AND PRESSURE TESTED AGAINST UPSTREAM GATE VALVE.
3. PIPE THROUGH SLAB AND ALL BELOW GROUND D.I. PIPE AND FITTINGS SHALL BE POLYETHYLENE WRAPPED.
4. TEE BETWEEN METER AND BACKFLOW IS REQUIRED ON TURBINE METERS. TEE IS NOT REQUIRED ON COMPOUND METERS. TEE SHALL HAVE 2" BALL VALVE.
5. FIRE SERVICE METER TO BE USED ONLY WHEN POTABLE WATER AND FIRE PROTECTION ARE SUPPLIED THROUGH A SINGLE POTABLE WATER LINE.
6. ALL EXPOSED EDGES OF CONCRETE SHALL HAVE 1/2" CHAMFER.
7. LANDSCAPE VEGETATION SHALL BE 10'-0" MIN. FROM METER & ABOVE GROUND PIPING. STREET SIDE OF ASSEMBLY SHALL REMAIN OPEN.
8. BACKFLOW PREVENTER IS NOT REQUIRED ON RECLAIMED WATER MASTER METER ASSEMBLY, EXCEPT WHERE FERTILIZER OR CHEMICAL INJECTION METHODS WILL BE IN USE. WHEN BACKFLOW PREVENTION ASSEMBLY IS NOT REQUIRED, A SPOOL PIECE OF SAME LAY LENGTH AND AN OXYGEN VALVE SHALL BE INSTALLED.
9. ALL ANCILLARY BOLTS & FASTENERS SHALL BE STAINLESS STEEL.
10. TRACER WIRE TEST STATION BOX NOT REQUIRED FOR REPLACEMENT MASTER METER IF THE EXISTING PIPING TO THE EXISTING METER ASSEMBLY DID NOT HAVE A TRACER WIRE.
11. BALL VALVES SHALL BE FULL PORT WITH LOCKING TABS.
12. COUNTY WILL PROVIDE STRAINER AND METER. ALL OTHER VALVES, PIPE, FITTINGS AND BACKFLOW PREVENTER TO BE PROVIDED BY SITE CONTRACTOR.
CAST IRON OVAL METER BOX, 19"L x 10"D (I.D.)
ROME 1910 OR APPROVED EQUAL PAINTED BLUE
AND MARKED "WATER" FOR POTABLE WATER OR
PURPLE (PANTONE 522C) FOR RECLAIMED WATER
AND MARKED "RECLAIMED".

#10 COPPER WIRE WITH
WIRE NUT (CONTINUOUS)

SIDEWALK

81/2" ± 1/2"

FINISHED GRADE

ROW

3/4" MIP BRASS METER COUPLING
FOR 5/8" AND 3/4" METER
1" MIP
BRASS METER COUPLING (FOR 1" METERS)

1" HDPE SERVICE TUBING
OR TYPE "K" COPPER OR
316 STAINLESS STEEL
SCHEDULE 40 PIPE.

CURB STOP (SEE
MANATEE COUNTY
SPECIFICATIONS)

1" X 3/4" BUSHING (NOT
REQ. FOR 1" METER)

3/4" MIP BRASS METER
COUPLING (FOR 5/8" AND 3/4"
METER) 1" MIP BRASS METER
COUPLING (FOR 1" METERS)

7" x (5/8" x 3/4") RESETTER,
FORD VE 42-7W, MUELLER B-24118,
WITH PADLOCK WING ON ANGLE BALL
VALVE, OR APPROVED EQUAL BY
MANATEE COUNTY

CONNECTION TO MEET REQUIREMENTS
OF THE FLORIDA PLUMBING CODE

NOTES:
1. FORD 40 SERIES RESETTERS VB43 AND VB44 OR EQUAL FOR 3/4" OR 1" METERS ALSO ALLOWED.

2. METER BOX AND RESETTER ARE TO BE INSTALLED BY THE INFRASTRUCTURE CONTRACTOR AND SHALL NOT
BE IN DRAINAGE SWALES, SIDEWALKS OR DRIVEWAYS.

3. FOR COMPLETE SERVICE CONNECTION ASSEMBLY, SEE DETAIL TYPICAL SERVICE CONNECTION.

W/ MEDIAN) A 10-FOOT-WIDE PUBLIC UTILITY EASEMENT SHALL BE LOCATED IN THE FRONT OF THE
LOTS, ADJACENT TO THE ROW.

5. 3' MINIMUM CLEARANCE FROM LANDSCAPING PLANTS TO EDGE OF METER, CLEAR ACCESS OPENING TO
STREET.