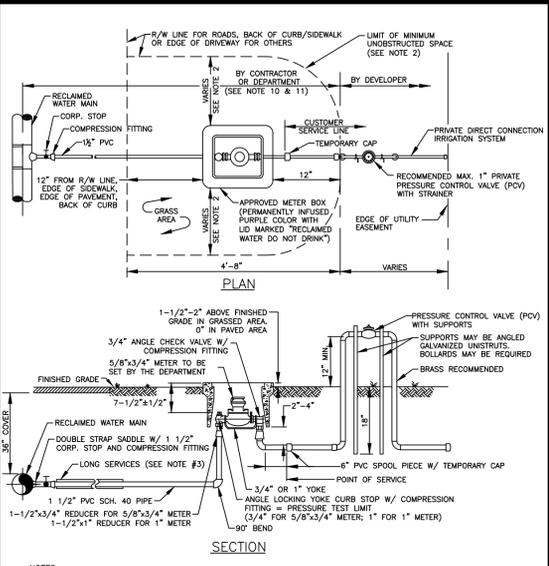


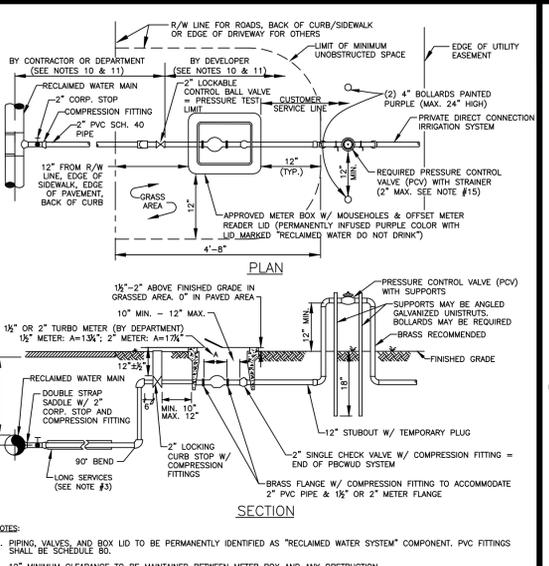
- NOTES:**
1. PIPING, VALVES & METER BOX LID TO BE PERMANENTLY IDENTIFIED AS "RECLAIMED WATER SYSTEM" COMPONENTS. PVC SHALL BE SCHEDULE 40 PIPE WITH SCHEDULE 90 FITTINGS.
  2. LIMIT OF UNRESTRICTED SPACE FROM SIDE OF WATER METER BOX SHALL BE 36" MINIMUM FOR SHRUBS AND SIMILAR OBSTRUCTIONS WITH 60" MINIMUM FOR TREES, WALLS, AND OTHER SIMILAR OBSTRUCTIONS.
  3. FOR INSTALLATION OF SERVICES UNDER DRIVEWAYS AND ROADWAYS USE 3" DIAMETER PVC SCH 40 OR HDPE SDR 9 CASING. CASING SHALL EXTEND 24" BEYOND EDGE OF PAVEMENT. END OF CASING TO BE SEALED WITH FOAM SEALANT. CASING TO BE COLOR CODED PURPLE.
  4. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" APART AND SHALL NOT BE ON A COMMON LINE PARALLEL TO THE LONGITUDINAL AXIS OF THE PIPE. TAPS ON THE SAME SIDE OF A P.V.C. PIPE SECTION SHALL BE MIN. 10" APART.
  5. METER SHALL NOT BE PLACED IN SIDEWALK OR DRIVEWAY AREAS. WATER SERVICE LINES AND TAPS SHALL NOT BE PLACED UNDER DRIVEWAYS WHENEVER POSSIBLE AND IF REQUIRED, WITH PRIOR DEPARTMENT APPROVAL.
  6. CHECK VALVE IS REQUIRED FOR EVERY RECLAIMED WATER SERVICE.
  7. MAXIMUM SERVICE LENGTH IS 100' TO METER.
  8. BEDDING (MIN. 4") AND COVER (MIN. 4") OVER SERVICE LINE OR CASING SHALL CONSIST OF FINE GRANULAR MATERIAL. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED WITH 2" MAXIMUM SIZE.
  9. METER SERVICE WILL NOT BE INSTALLED UNTIL:
    - A. ALL FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK MUST BE COMPLETELY INSTALLED OR THE DRIVEWAY AND/OR SIDEWALK MUST HAVE BEEN INSTALLED.
    - B. "MINIMUM UNRESTRICTED SPACE" AS SHOWN IN NOTE 2 AND ON THE PLAN VIEW IS PROVIDED WITH 12" MINIMUM VERTICAL SEPARATION REQUIRED TO ALL OTHER UTILITIES.
  10. METER TO BE SET BY DEPARTMENT.
  11. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR INSTALLATION OF SERVICES BEYOND PRESSURE TEST LIMITS AS SPECIFIED BY THE DEPARTMENT.
  12. THREADED AREAS OF CORPORATION STOP AND OTHER FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO (2) WRAPS OF TEFLON TAPE.

RECLAIMED WATER DUAL 5/8" X 3/4" METER SERVICE DETAIL \*1R



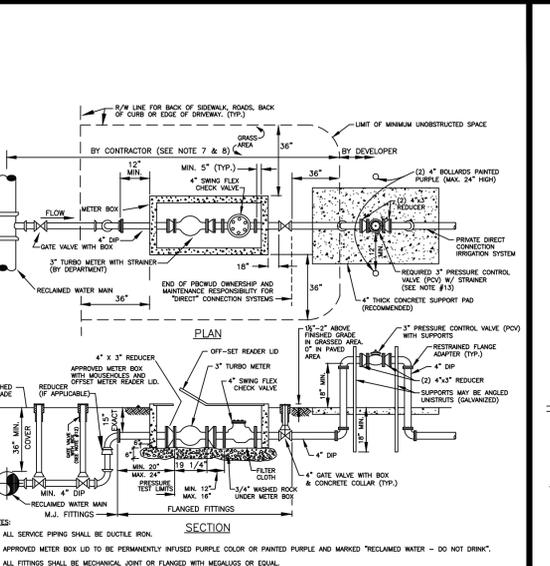
- NOTES:**
1. PIPING, VALVES & METER BOX LID TO BE PERMANENTLY IDENTIFIED AS "RECLAIMED WATER SYSTEM" COMPONENTS. PVC SHALL BE SCHEDULE 40 PIPE WITH SCHEDULE 90 FITTINGS.
  2. LIMIT OF UNRESTRICTED SPACE FROM SIDE OF WATER METER BOX SHALL BE 36" MINIMUM FOR SHRUBS AND SIMILAR OBSTRUCTIONS WITH 60" MINIMUM FOR TREES, WALLS, AND OTHER SIMILAR OBSTRUCTIONS.
  3. FOR INSTALLATION OF SERVICES UNDER DRIVEWAYS AND ROADWAYS USE 3" DIAMETER PVC SCH 40 OR HDPE SDR 9 CASING. CASING SHALL EXTEND 24" BEYOND EDGE OF PAVEMENT. END OF CASING TO BE SEALED WITH FOAM SEALANT. CASING TO BE COLOR CODED PURPLE.
  4. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" APART AND SHALL NOT BE ON A COMMON LINE PARALLEL TO THE LONGITUDINAL AXIS OF THE PIPE. TAPS ON THE SAME SIDE OF A P.V.C. PIPE SECTION SHALL BE MIN. 10" APART.
  5. METER SHALL NOT BE PLACED IN SIDEWALK OR DRIVEWAY AREAS. WATER SERVICE LINES AND TAPS SHALL NOT BE PLACED UNDER DRIVEWAYS WHENEVER POSSIBLE AND IF REQUIRED, WITH PRIOR DEPARTMENT APPROVAL.
  6. CHECK VALVE IS REQUIRED FOR EVERY RECLAIMED WATER SERVICE.
  7. MAXIMUM SERVICE LENGTH IS 100' TO METER.
  8. BEDDING (MIN. 4") AND COVER (MIN. 4") OVER SERVICE LINE OR CASING SHALL CONSIST OF FINE GRANULAR MATERIAL. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED WITH 2" MAXIMUM SIZE.
  9. METER SERVICE WILL NOT BE INSTALLED UNTIL:
    - A. ALL FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK MUST BE COMPLETELY INSTALLED OR THE DRIVEWAY AND/OR SIDEWALK MUST HAVE BEEN INSTALLED.
    - B. "MINIMUM UNRESTRICTED SPACE" AS SHOWN IN NOTE 2 AND ON THE PLAN VIEW IS PROVIDED WITH 12" MINIMUM VERTICAL SEPARATION REQUIRED TO ALL OTHER UTILITIES.
  10. METER TO BE SET BY DEPARTMENT.
  11. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR INSTALLATION OF SERVICES BEYOND PRESSURE TEST LIMITS AS SPECIFIED BY THE DEPARTMENT.
  12. THREADED AREAS OF CORPORATION STOP AND OTHER FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO (2) WRAPS OF TEFLON TAPE.

RECLAIMED WATER SINGLE 5/8" X 3/4" OR 1" METER SERVICE DETAIL \*2R



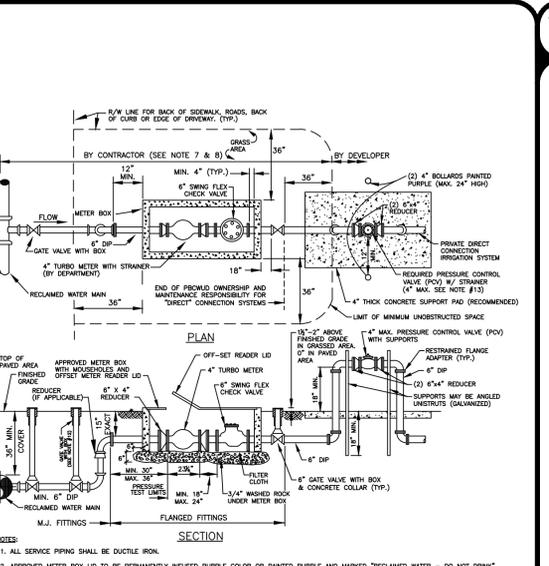
- NOTES:**
1. PIPING, VALVES, AND BOX LID TO BE PERMANENTLY IDENTIFIED AS "RECLAIMED WATER SYSTEM" COMPONENT. PVC FITTINGS SHALL BE SCHEDULE 80.
  2. 12" MINIMUM CLEARANCE TO BE MAINTAINED BETWEEN METER BOX AND ANY OBSTRUCTION.
  3. FOR INSTALLATION OF SERVICES UNDER DRIVEWAYS AND ROADWAYS, USE MINIMUM 4" X 9" PVC SCH. 40 OR HDPE SDR 9 PURPLE CASING. CASING TO EXTEND MINIMUM 24" BEYOND EDGE OF PAVEMENT. END OF CASING TO BE SEALED WITH CEMENT.
  4. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" APART, TAPS SPACED BETWEEN 18" AND 48" SHALL BE OFFSET TO EACH SIDE OF THE MAIN. TAPS ON THE SAME SIDE OF A PVC PIPE SECTION SHALL BE 10" APART.
  5. METER SHALL NOT BE PLACED IN SIDEWALK OR DRIVEWAY AREAS. SERVICE LINES AND TAPS SHALL NOT BE PLACED UNDER DRIVEWAYS WHENEVER POSSIBLE.
  6. A CHECK VALVE IS REQUIRED FOR ALL RECLAIMED WATER SERVICES.
  7. THE MAXIMUM SERVICE LENGTH IS 100' TO METER.
  8. BEDDING (MIN. 4") AND COVER (MIN. 4") OVER SERVICE LINE OR CASING SHALL CONSIST OF FINE GRANULAR MATERIAL. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS, AND LARGER ROCKS SHALL BE REMOVED WITH 2" MAXIMUM SIZE.
  9. METER SERVICE WILL NOT BE INSTALLED UNTIL:
    - A. FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK ARE IN PLACE OR DRIVEWAY OR SIDEWALK IS IN PLACE.
    - B. "MINIMUM UNRESTRICTED SPACE" (AS SHOWN) IS PROVIDED. MINIMUM 12" VERTICAL SEPARATION IS REQUIRED TO OTHER UTILITIES.
  10. METER SHALL BE INSTALLED BY THE DEPARTMENT.
  11. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR INSTALLATION OF SERVICES BEYOND PRESSURE TEST LIMITS AS SPECIFIED BY THE DEPARTMENT.
  12. CONTRACTOR SHALL CONSTRUCT SERVICE COMPONENTS FOR THE METER TO BE INSTALLED "TRUE" AND "PLUMB" AND TO ALLOW METER READING THROUGH THE METER READER LID.
  13. ALL HARDWARE FOR FLANGED CONNECTIONS (BOLTS, ETC.) TO BE STAINLESS STEEL.
  14. THREADED AREAS OF CORPORATION STOP AND OTHER FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO (2) WRAPS OF TEFLON TAPE.
  15. THE PRESSURE CONTROL VALVE (PCV) SHALL BE PRIVATE FOR SERVICE WITH "DIRECT" CONNECTION TO THE IRRIGATION SYSTEM. SEE SEPARATE DETAILS FOR "LAKE DISCHARGE" CONNECTION.
  16. A TIMER AND/OR REMOTE TELEMETRY UNIT MAY BE REQUIRED TO REGULATE THE AVAILABILITY OF RECLAIMED WATER FOR EACH SERVICE CONNECTION.

RECLAIMED WATER SINGLE 1 1/2" & 2" METER DETAIL (DIRECT SERVICE) \*3R



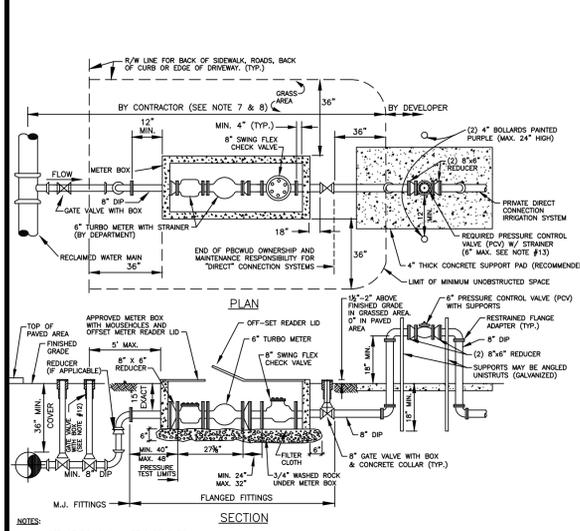
- NOTES:**
1. ALL SERVICE PIPING SHALL BE DUCTILE IRON.
  2. APPROVED METER BOX LID TO BE PERMANENTLY INFUSED PURPLE COLOR OR PAINTED PURPLE AND MARKED "RECLAIMED WATER - DO NOT DRINK".
  3. ALL FITTINGS SHALL BE MECHANICAL JOINT OR FLANGED WITH MEGALUGS OR EQUAL.
  4. PIPING AND VALVES TO BE IDENTIFIED (TAGGED) AS RECLAIMED WATER SYSTEM COMPONENTS.
  5. METER SHALL NOT BE PLACED IN SIDEWALK OR DRIVEWAY AREAS.
  6. METER SERVICE WILL NOT BE INSTALLED UNTIL:
    - A. FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK ARE IN PLACE OR DRIVEWAY OR SIDEWALK IS IN PLACE.
    - B. "MINIMUM UNRESTRICTED SPACE" (AS SHOWN) IS PROVIDED. MINIMUM 12" VERTICAL SEPARATION IS REQUIRED TO OTHER UTILITIES.
  7. METER SHALL BE INSTALLED BY THE DEPARTMENT.
  8. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR INSTALLATION OF SERVICES BEYOND PRESSURE TEST LIMITS AS SPECIFIED BY THE DEPARTMENT.
  9. CONTRACTOR SHALL CONSTRUCT SERVICE COMPONENTS FOR THE METER TO BE INSTALLED "TRUE" AND "PLUMB" AND TO ALLOW METER READING THROUGH THE METER READER LID.
  10. ALL HARDWARE FOR FLANGED CONNECTIONS (BOLTS, ETC.) TO BE STAINLESS STEEL.
  11. CHECK VALVE TO BE FREE OF OBSTRUCTION FOR PROPER OPERATION.
  12. A GATE VALVE WITH BOX IS TO BE LOCATED WITHIN 5 FEET OF THE METER BOX.
  13. THE PRESSURE CONTROL VALVE (PCV) SHALL BE PRIVATE FOR SERVICE WITH "DIRECT" CONNECTION TO THE IRRIGATION SYSTEM. SEE SEPARATE DETAILS FOR "LAKE DISCHARGE" CONNECTION.
  14. A TIMER AND/OR REMOTE TELEMETRY UNIT MAY BE REQUIRED TO REGULATE THE AVAILABILITY OF RECLAIMED WATER FOR EACH SERVICE CONNECTION.

RECLAIMED WATER 3" METER SERVICE DETAIL (DIRECT SERVICE) \*4R



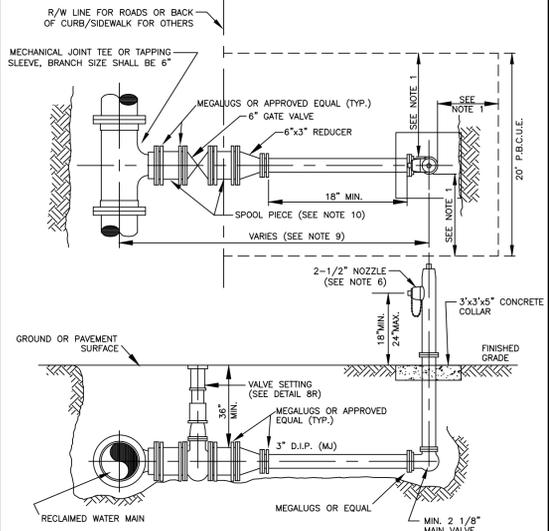
- NOTES:**
1. ALL SERVICE PIPING SHALL BE DUCTILE IRON.
  2. APPROVED METER BOX LID TO BE PERMANENTLY INFUSED PURPLE COLOR OR PAINTED PURPLE AND MARKED "RECLAIMED WATER - DO NOT DRINK".
  3. ALL FITTINGS SHALL BE MECHANICAL JOINT OR FLANGED WITH MEGALUGS OR EQUAL.
  4. PIPING AND VALVES TO BE IDENTIFIED (TAGGED) AS RECLAIMED WATER SYSTEM COMPONENTS.
  5. METER SHALL NOT BE PLACED IN SIDEWALK OR DRIVEWAY AREAS.
  6. METER SERVICE WILL NOT BE INSTALLED UNTIL:
    - A. FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK ARE IN PLACE OR DRIVEWAY OR SIDEWALK IS IN PLACE.
    - B. "MINIMUM UNRESTRICTED SPACE" (AS SHOWN) IS PROVIDED. MINIMUM 12" VERTICAL SEPARATION IS REQUIRED TO OTHER UTILITIES.
  7. METER SHALL BE INSTALLED BY THE DEPARTMENT.
  8. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR INSTALLATION OF SERVICES BEYOND PRESSURE TEST LIMITS AS SPECIFIED BY THE DEPARTMENT.
  9. CONTRACTOR SHALL CONSTRUCT SERVICE COMPONENTS FOR THE METER TO BE INSTALLED "TRUE" AND "PLUMB" AND TO ALLOW METER READING THROUGH THE METER READER LID.
  10. ALL HARDWARE FOR FLANGED CONNECTIONS (BOLTS, ETC.) TO BE STAINLESS STEEL.
  11. CHECK VALVE TO BE FREE OF OBSTRUCTION FOR PROPER OPERATION.
  12. A GATE VALVE WITH BOX IS TO BE LOCATED WITHIN 5 FEET OF THE METER BOX.
  13. THE PRESSURE CONTROL VALVE (PCV) SHALL BE PRIVATE FOR SERVICE WITH "DIRECT" CONNECTION TO THE IRRIGATION SYSTEM. SEE SEPARATE DETAILS FOR "LAKE DISCHARGE" CONNECTION.
  14. A TIMER AND/OR REMOTE TELEMETRY UNIT MAY BE REQUIRED TO REGULATE THE AVAILABILITY OF RECLAIMED WATER FOR EACH SERVICE CONNECTION.

RECLAIMED WATER 4" METER SERVICE DETAIL (DIRECT SERVICE) \*5R



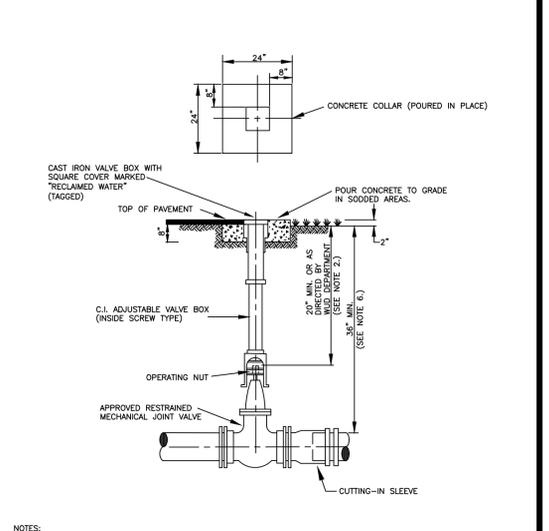
- NOTES:**
1. ALL SERVICE PIPING SHALL BE DUCTILE IRON.
  2. APPROVED METER BOX LID TO BE PERMANENTLY INFUSED PURPLE COLOR OR PAINTED PURPLE AND MARKED "RECLAIMED WATER - DO NOT DRINK".
  3. ALL FITTINGS SHALL BE MECHANICAL JOINT OR FLANGED WITH MEGALUGS OR EQUAL.
  4. PIPING AND VALVES TO BE IDENTIFIED (TAGGED) AS RECLAIMED WATER SYSTEM COMPONENTS.
  5. METER SHALL NOT BE PLACED IN SIDEWALK OR DRIVEWAY AREAS.
  6. METER SERVICE WILL NOT BE INSTALLED UNTIL:
    - A. FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK ARE IN PLACE OR DRIVEWAY OR SIDEWALK IS IN PLACE.
    - B. "MINIMUM UNRESTRICTED SPACE" (AS SHOWN) IS PROVIDED. MINIMUM 12" VERTICAL SEPARATION IS REQUIRED TO OTHER UTILITIES.
  7. METER SHALL BE INSTALLED BY THE DEPARTMENT.
  8. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR INSTALLATION OF SERVICES BEYOND PRESSURE TEST LIMITS AS SPECIFIED BY THE DEPARTMENT.
  9. CONTRACTOR SHALL CONSTRUCT SERVICE COMPONENTS FOR THE METER TO BE INSTALLED "TRUE" AND "PLUMB" AND TO ALLOW METER READING THROUGH THE METER READER LID.
  10. ALL HARDWARE FOR FLANGED CONNECTIONS (BOLTS, ETC.) TO BE STAINLESS STEEL.
  11. CHECK VALVE TO BE FREE OF OBSTRUCTION FOR PROPER OPERATION.
  12. A GATE VALVE WITH BOX IS TO BE LOCATED WITHIN 5 FEET OF THE METER BOX.
  13. THE PRESSURE CONTROL VALVE (PCV) SHALL BE PRIVATE FOR SERVICE WITH "DIRECT" CONNECTION TO THE IRRIGATION SYSTEM. SEE SEPARATE DETAILS FOR "LAKE DISCHARGE" CONNECTION.
  14. A TIMER AND/OR REMOTE TELEMETRY UNIT MAY BE REQUIRED TO REGULATE THE AVAILABILITY OF RECLAIMED WATER FOR EACH SERVICE CONNECTION.

RECLAIMED WATER 6" METER SERVICE DETAIL (DIRECT SERVICE) \*6R



- NOTES:**
1. FLUSHING HYDRANT SHALL BE INSTALLED PLUMB AND TRUE IN UNRESTRICTED LOCATION. LIMIT OF UNRESTRICTED SPACE FROM SIDE OF HYDRANT SHALL BE 3'(36") MINIMUM FOR SHRUBS AND SIMILAR OBSTRUCTIONS WITH 10'(120") MINIMUM FOR TREES, WALLS, AND OTHER SIMILAR OBSTRUCTIONS. LIMIT OF UNRESTRICTED SPACE BEHIND HYDRANT SHALL BE 5' (60") MINIMUM.
  2. THE SAME MODEL HYDRANT SHALL BE USED THROUGHOUT CURRENT CONTRACT PHASE. COLOR SHALL BE PURPLE, PANTONE 522C, OR PRIOR APPROVED EQUAL BY THE DEPARTMENT.
  3. VALVE SHALL BE PLACED ADJACENT TO MAIN, AND RESTRAINED WITH MEGALUGS OR EQUAL.
  4. ALL HYDRANTS SHALL BE TEE'D OFF OF MAINS.
  5. HYDRANTS SHALL NOT BE PLACED IN SIDEWALKS, ROADWAYS, OR BIKE PATHS. HYDRANT NOZZLE SHALL BE AT LEAST 24" MINIMUM FROM THE EDGE OF A SIDEWALK OR BIKE PATH.
  6. NOZZLE TO FACE ROADWAY.
  7. PIPING, VALVES, AND HYDRANTS TO BE IDENTIFIED (TAGGED) AS RECLAIMED WATER SYSTEM COMPONENTS.
  8. ALL BURIED HYDRANT HARDWARE SHALL BE STAINLESS STEEL 304.
  9. LENGTH OF RECLAIMED WATER MAIN TO FLUSHING HYDRANT VARIES BUT NOT TO EXCEED 20 FEET WITHOUT PRIOR DEPARTMENT APPROVAL.
  10. MINIMUM 18" SPOOL PIECE REQUIRED. IF TAPPING SLEEVE IS INSTALLED NO SPOOL PIECE IS REQUIRED BETWEEN SLEEVE AND GATE VALVE.

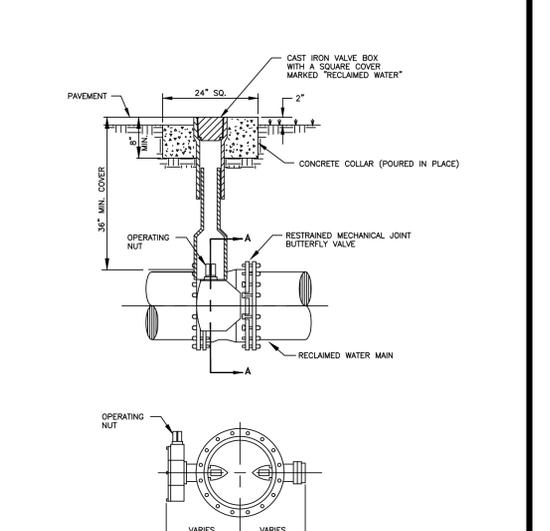
RECLAIMED WATER MAIN TYPICAL FLUSHING HYDRANT INSTALLATION \*7R



- NOTES:**
1. CONCRETE COLLAR IS NOT REQUIRED IN PAVED AREAS IF PAVEMENT SURFACE IS FINISHED PRIOR TO CONDITIONAL FINAL INSPECTION.
  2. WHEN OPERATING NUT IS DEEPER THAN 36" A ONE PIECE EXTENSION WILL BE REQUIRED TO BRING OPERATING NUT 20"-30" BELOW FINISHED GRADE. EXTENSION BOLTS & NUTS ARE TO BE STAINLESS STEEL. A HIGH STRENGTH STEEL CENTERING PLATE, WELDED TO THE EXTENSION, IS ALSO REQUIRED.
  3. VALVE BOXES SHALL HAVE SQUARE COVERS MARKED "RECLAIMED WATER".
  4. EXTENSION VALVE BOX TO BE D.I.P. OR C-900 PVC DR 18 (COLOR: PURPLE).
  5. A CUT-IN INSTALLATION SHALL REQUIRE MEGALUGS OR EQUAL THROUGHOUT ASSEMBLY.
  6. IN ORDER TO MAINTAIN ADEQUATE COVER OVER VALVE NUT, THE FOLLOWING MINIMUM COVERS OVER PIPE ARE REQUIRED:
 

GATE VALVE SIZE	MIN. COVER OVER PIPE
16"	48"
20"	54"
24"	60"
30"	72"
  7. PIPE SHALL BE RESTRAINED ON BOTH SIDES OF THE VALVE AS REQUIRED.
  8. VALVES IN ROADWAYS SHALL BE LOCATED OUTSIDE OF WHEEL PATHS.

RECLAIMED WATER MAIN TYPICAL GATE VALVE SETTING AND MAIN CUT-IN DETAIL \*8R



- NOTES:**
1. CONCRETE COLLAR IS NOT REQUIRED IN PAVED AREAS IF PAVEMENT SURFACE IS FINISHED PRIOR TO CONDITIONAL FINAL INSPECTION.
  2. WHEN TOP OF OPERATING NUT IS DEEPER THAN 36" AN EXTENSION WILL BE REQUIRED TO BRING OPERATING NUT 24"-30" BELOW FINISHED GRADE. EXTENSION BOLTS & NUTS ARE TO BE STAINLESS STEEL. A HIGH STRENGTH STEEL CENTERING PLATE, WELDED TO THE EXTENSION, IS ALSO REQUIRED.
  3. VALVE BOXES SHALL HAVE SQUARE COVER MARKED "RECLAIMED WATER".
  4. A CUT-IN INSTALLATION SHALL REQUIRE MEGALUGS OR EQUAL THROUGHOUT ASSEMBLY.
  5. EXTENSION VALVE BOX TO BE D.I.P. OR C-900 PVC DR 18 (COLOR: PURPLE).
  6. PIPE SHALL BE RESTRAINED ON BOTH SIDES OF THE VALVE AS REQUIRED.
  7. VALVES IN ROADWAYS SHALL BE LOCATED OUTSIDE OF WHEEL PATHS.

RECLAIMED WATER MAIN CASING INSTALLATION DETAILS \*9R

DEPARTMENT APPROVED NEOPRENE END SEAL W/ STAINLESS STEEL BANDS (D.I.P.)

CARRIER PIPE SIZE	STEEL CASING INSIDE DIAMETER (MIN)	MINIMUM WALL THICKNESS (SEE NOTE 2)
4"	12"	250
6"	14"	250
8"	20"	250
10"	20"	250
12"	24"	250
14"	24"	250
16"	30"	312
18"	30"	312
20"	36"	372
24"	42"	500
30"	48"	500
36"	54"	625
42"	60"	625
48"	72"	625

**NOTES:**

1. A PROFILE DRAWING TO SCALE FOR EACH JACK AND BORE, DIRECTIONAL DRILL, OR DIRECT BURIED INSTALLATION IS REQUIRED TO BE APPROVED BY THE DEPARTMENT PRIOR TO INSTALLATION. IF A SPLIT CASING IS REQUIRED THEN SHOP DRAWINGS ARE REQUIRED TO BE SUBMITTED AND APPROVED BY THE DEPARTMENT PRIOR TO CONSTRUCTION AND/OR INSTALLATION.
2. THICKER WALL CASINGS AND LARGER COVER OVER CASING MAY BE REQUIRED BY THE RIGHT-OF-WAY OWNER.
3. STEEL CASING SHALL BE COATED OUTSIDE WITH COAL TAR EPOXY (MIN. 16 MILS DFT) AND PAINTED WITH A 4" MINIMUM WIDE CONTINUOUS STRIPE, COLOR CODED TO MATCH THE PIPE INSIDE, ALONG THE TOP AXIS OF THE CASING.
4. PIPE IN CASING SHALL BE PULLED TO FULLY ENGAGE RESTRAINT.
5. STEEL CASING IS REQUIRED FOR ALL RECLAIMED WATER MAIN INSTALLATIONS UTILIZING JACK AND BORE CONSTRUCTION AND WHEN MANS ARE INSTALLED UNDER FENCES, WALLS, OR LANDSCAPE BERMS. WHEN THE CASING IS INSTALLED UNDER FENCES, WALLS, OR LANDSCAPE BERMS IT SHALL BE CENTERED ON THE PREVIOUS BARRIER AND IS REQUIRED TO EXTEND 10' MINIMUM PAST BARRIER ON EACH SIDE UNLESS OTHERWISE PREVIOUSLY APPROVED BY THE DEPARTMENT.

RECLAIMED WATER MAIN CASING INSTALLATION DETAILS \*13R

RECLAIMED WATER #1 STANDARD DETAILS

CONSULTANT:

DESIGNED BY: WUD

DRAWN BY: M. BUCKNER

CHECKED BY: J. LAMMERT

APPROVED BY: WUD

Palm Beach County  
Water Utilities Department  
P.O. Box 16097  
West Palm Beach, FL 33416-6097