GENERAL NOTES:
1. METER AND BYPASS ASSEMBLY PIPING INSIDE THE VAULT SHALL BE FLANGED DUCTILE IRON PIPE.
2. METER FACE TO BE AT LEAST 3 FEET BELOW FINISHED GRADE.
3. ACCESS DOOR SHALL BE ALUMINUM DOUBLE DOOR WITH A MINIMUM OPENING OF 48” x 48” OR A SINGLE
   ALUMINUM DOOR WITH A 42” x 42” OPENING. ALL DOORS SHALL BE H2O RATED.
4. THE TOP SIDE OF THE ACCESS DOORS SHALL BE PAINTED PANTONE 522 PURPLE.
5. VALVES SHALL BE IRON BODY, RESILIENT WEDGE GATE VALVES, WITH NON-RISING STEM, HANDWHEEL
   OPERATORS AND FLANGE CONNECTIONS.
6. ALL DUCTILE IRON PIPE, FITTINGS, AND VALVES SHALL BE PAINTED PANTONE 522 PURPLE TO DENOTE
   RECLAIMED WATER.
7. THE INSIDE OF THE VAULT SHALL BE PAINTED PURPLE AND THE WORDS, “CAUTION RECLAIMED WATER DO
   NOT DRINK” SHALL BE STENCILLED ON BOTH SIDES OF THE VAULT IN A CENTRAL LOCATION VISIBLE ABOVE GROUND
   FROM THE ACCESS DOORS.
8. PIPE STANDS MADE OF BRICK, BLOCK, PRECAST CONCRETE, OR MANUFACTURED PIPE STANDS ARE ALLOWABLE.
9. PIPE ENTRY AND EXIT TO VAULT SHALL BE SEALED WITH A LINK SEAL.
10. DOORS SHALL BE LOCKABLE WITH OWNER-SUPPLIED PADLOCK.
11. SEPARATE STRAINER MAY BE REQUIRED IF METER DOES NOT HAVE AN INTEGRAL STRAINER.
12. SMALLER VAULTS WILL BE CONSIDERED FOR INSTALLATIONS USED ONLY FOR IRRIGATION AND THEREFORE NOT DEPENDENT ON CONTINUOUS SERVICE AND THE NEED FOR A BYPASS LEG.

STANDARD RECLAIMED VALVE BOX (SEE DETAIL 06500.07)

SECTION VIEW
(SEE SHEET 5 OF 5 FOR PLAN VIEW)

FINISHED GRADE

RECLAIMED WATER MAIN

C900 PVC MAIN, PANTONE 522 PURPLE (ALL JOINTS RESTRAINED)

12" MINIMUM # 57 STONE

D1 PIPE CLASS 350 (W/ PURPLE COVERING)

UNDISTURBED SUBGRADE

FALL PROTECTION GRATE

CAUTION RECLAIMED WATER DO NOT DRINK

MULTISEAL IN JOINT

FLOOR

SLOPE 2.0%

48"x48" DOUBLE DOOR
OPENING OR 42"x42"
SINGLE DOOR OPENING
(SINGLE NOT SHOWN)

BROOM FINISH & EDGE

6" MIN

VARIABLE 8'-6" TO 10'-0"

CAUTION RECLAIMED WATER DO NOT DRINK

GATE VALVE

WATER METER

RESTRAINED DISMANTLING JOINT

GATE VALVE

FLOOR

6" MIN

6" MIN

6" MIN

6" MIN

12" MIN

12" MIN

STANDARD RECLAIMED WATER 3" OR 4" METER INSTALLATION & VAULT

EFFECTIVE: 05/15/20

DETAIL No.

06500.02

SHEET 4 OF 5