Facility: Typical Distribution System Blow-off
Date: 3/6/2013
Inspected By: JSG

Information:
See Attachments
Standard Reclaimed Water 2" Blow-Off Assembly

Photographs:
Town of Cary Reclaimed Water System
Facility Worksheet
DISTRIBUTION SYSTEM

Plans/Drawings:

STANDARD RECLAIMED WATER VALVE BOXES

DISTRIBUTION SYSTEM

CONCRETE BLOCKING MINIMUM 1/3 CUBIC YARDS AT 3000 P.S.I.

BRASS TRANSITION COUPLING WITH THREADED METAL INSERT (TYP.)

2" SR2 PVC PIPE

RECLAIMED WATER METER & VAULT (SEE DETAIL 06500.06)

RECLAIMED WATER METER

TAPPED TE FITTING W/RESTRAINED WEDGE ACTION RETAINER CLAMPS

CORPORATION STOP

WATER DO NOT DRINK

CAUTION RECLAIMED WATER

DO NOT DRINK

RECLAIMED WATER MAIN

LOCK CAP

RECLAIMED WATER MAIN

REDUCE PIPING IN PANTONE 322

"CAUTION RECLAIMED WATER DO NOT DRINK"

SURFACE DISCHARGE

EFFECTIVE: 1/2/09
Town of Cary Reclaimed Water System
Facility Worksheet
DISTRIBUTION SYSTEM

Plans/Drawings:
Facility: Typical Distribution System Customer Meter
Date: 3/6/2013
Inspected By: JSG

Information:
See Attachments:
Typical Distribution Customer Meter
Standard 1” Reclaimed Water Meter & Meter Box Installation
Standard 1 1/2 - 2” Reclaimed Water Meter & Vault
Standard 3” or 4” Reclaimed Water Meter & Vault
Standard 3” or 4” Reclaimed Water Meter & Vault
Optional 1” Reclaimed Water Service & Meter Box Installation

Drawing Provided: x Yes  No

Photographs:
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" (INCHES).
4) THE VISIBLE 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 STENCILED 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 BOOT CONNECTIONS OR LINK SEAL.
10) DOUBLE DOORS SHALL BE LOCKABLE WITH OWNER-SUPPLIED PADLOCK.

SECTION VIEW
(SEE SHEET 4 OF 5 FOR PLAN VIEW)

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

EFFECTIVE: 12/10/09

DETAIL No. 06500.02
SHEET 3 OF 5