CAUTION RECLAIMED WATER - DO NOT DRINK

STANDARD 1" RECLAIMED WATER SERVICE & METER BOX INSTALLATION

1) WATER METER SHALL NOT BE LOCATED IN AREAS SUBJECT TO VEHICULAR TRAFFIC.
2) ALL METER BOXES SHALL BE AS MANUFACTURED BY CDR WITH HEAVY DUTY RATED LOCKING POLYMER CEMENT COVER AS APPROVED BY THE TOWN.
3) ALL SERVICE LINES, VALVES AND FITTINGS SHALL COMPLY WITH AWWA C800.
4) METER & SETTER SHALL BE INSTALLED AND ANCHORED IN CENTER OF BOX.
5) THE INTERIOR OF THE BOX SHALL BE STENCILED WITH THE WORDS, CAUTION RECLAIMED WATER - DO NOT DRINK.
6) ALL RELOCATIONS OF EXISTING OR PERMITTED RECLAIMED WATER INFRASTRUCTURE INCLUDING SERVICE PIPING AND METER BOXES SHALL BE PERMITTED AND INSPECTED IN CONFORMANCE WITH TOWN POLICIES AND PROCEDURES.

NOTE: EJECT 12" MINIMUM

EFFECTIVE: 12/10/09

DETAIL No.

STANDARD HEAVY DUTY METER BOX

SIDE VIEW

STAINLESS STEEL PENTA HEAD LOCK BOLT

LID TOP VIEW

PVC SERVICE SADDLE CONTROLLED DIAMETER

RECLAIMED WATER METER, REVERSE THREADS, PROVIDED BY THE TOWN OF CARY
METER BOX COVER SHALL BE DYED PANTONE 522 PURPLE

ROADWAY

STAINLESS STEEL HOSE CLAMPS

COPPERSETTER FOR 1" METER

ALL EXPOSED AREAS INSIDE THE METER BOX SHALL BE PAINTED PANTONE 522 PURPLE

IPS, COMPRESSION CONNECTIONS (2)

1" TYPE POLYETHYLENE PE TUBING (PURPLE), IPS, WITH NO JOINTS OR COUPLINGS INSTALLED WITH COPPER TRACER WIRE.

4'-0" MIN. (TYP.)

3' MIN. DEPTH

UNDISTURBED SOIL

CORPORATION STOP IPS CONNECTION

PVC SERVICE SADDLE CONTROLLED DIAMETER

3" TO 8" SADDLE NUT, REVERSE THREADS

6" TO 8" SADDLE NUT, REVERSE THREADS

TOWN MAINTENANCE ENDS 12" BEHIND METER BOX

ROW EASEMENT

EXISTING GRADE

18" STANDARD 1" PE TUBING CAPPED

CONCRETE BLOCKS (SEE INSET)

#8 REBAR ANCHORED AT LEAST 18" BELOW SERVICE LINE

SET BOX ON ONE ROW OF 4"x8"x16" SOLID CONCRETE BLOCKS

BOX OVERLAPS BLOCKS BY ONE INCH

REBAR ANCHOR

REL 100