**NOTES:**

1. The backfill material in the pipe zone may consist of material from the excavation where that material is a uniformly graded suitable soil free from stones or lumps exceeding ¾ inches in greatest dimension, vegetable matter, or other unsatisfactory material as approved by the Engineer and compacted to a relative compaction as recommended by the Manufacturer of the pipe.

2. Locator tape to be at least three inches wide and placed above the reclaimed water line staking in 12 to 18 inch high lettering. Caution: reclaimed water, the color of the tape shall be purple-phosphorized.

3. Cap shall be of Class 4 Concrete.

4. Rebar shall have a yield strength of 60 ksi.

5. Preformed expansion paper per ASTM F151.

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**RECLAIMED WATER PIPE INSTALLATION FOR ACP, PVC, & DIP**

**CONCRETE CAP DETAIL**

**PLATE VIEW**

**TYPICAL PIPE INSTALLATION**

**TYPICAL TRENCH SECTION**

**SELECT BACKFILL MATERIAL COMPACTED OR CONSOLIDATED IN ACCORDANCE WITH STD. B-2868 AND SPECIFICS.**

**FINISHED GRADE Q.C. OF WATERLINE**

**VARIABLES**

**3" MIN CLEAR (TYP)**

**4" MIN CLEAR (TYP)**

**9" MIN CLEAR**

**8" MIN CLEAR**

**3" CLEAR**

**8" MIN (TYP)**

**4" MIN (TYP)**

**TAMPED HOUNDS OF FINE SAND OR DIRT ACROSS TRENCH 2' ABOVE INVERT OF PIPE.**

**LOCATOR WIRE PER B-656**

**PIPE Q.C. 100MM**

**EDGE OF TRENCH**

**CONCRETE CAP DETAIL**

**SELECT Backfill Material**

**COMPACTED OR CONSOLIDATED IN ACCORDANCE WITH STD. B-2868 AND SPECIFICS.**

**2" MIN CLEARANCE UNDER BELL OR COUPLING**

**WATER MAIN**

**TAMPERED HOUND**

**BOTTOM OF TRENCH**

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**REFERENCES:**

FILE 1.0

**DATE:** 5/2/2007 12:00:04 PM

**SCALE:** NONE

**DRAWN BY:** K.E.R.

**RECOMMENDED BY:** Joseph VerSickle

**DATE:** 8/23/98

**APPROVED:** William Plummer

**DATE:** 8/25/98

**PB-6**