VERIFICATION

REVISION DATE: 3/30/2011

GRAY P.V.C. PIPE SCH. 80, PAINTED VENT NOT ACCEPTABLE. SEE DESIGN DWG'S FOR DIAMETER SIZE.

P.V.C. CAP

CONCRETE SMOOTH FINISH

FACE OF CURB

P.C. CONCRETE TYPE 500-C-2500

COUPLING (SEE NOTE)

3" MIN. CONCRETE ENCASEMENT ALL AROUND

INSTALL 6" P.V.C. IN 8" HOLE & CAULK AROUND PIPE OPENING

INLET OR OUTLET AIR VENT TYPE I

SEE TYPE I FOR AIR VENT & FOOTING DETAILS

4" MIN.

2.5"

2.5"

34" MAX.

40" STD. LENGTH SPECIAL LENGTHS WHEN SPECIFIED

ENgrave "W" ON TOP OF CAP

CAP SECTION

CURB

4" MIN.

3/32"

1.5"

3/32"

40" 6" 18"

COVER PLATE

INSIDE FACE OF VAULT

AIR VENT TYPE II

NOTES:

1. ALL JOINTS ARE TO BE SEALED AGAINST WATER INFILTRATION IN CONFORMANCE WITH CONDUIT MANUFACTURERS RECOMMENDATIONS AND ARE TO BE MADE IN THE PRESENCE OF WATER INSPECTOR (TYPE I OR II).

2. WHERE CURBS AND GRADES ARE NOT ESTABLISHED, BOTTOM HOLES OF VENTS MUST BE 10" MINIMUM ABOVE SURFACE OF THE GROUND (TYPE I ONLY).

REVISION DATE: 3/30/2011

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

DRAWING NUMBER

SBMWD

W6.29

AIR VENT FOR U.G. STRUCTURES

Hình minh họa:

- Gray P.V.C. Pipe Sch. 80, painted vent not acceptable. See design DWG's for diameter size.

- P.V.C. Cap

- Concrete Smooth Finish

- Face of Curb

- P.C. Concrete Type 500-C-2500

- Coupling (See Note)

- 3" Min. Concrete Encasement All Around

- Install 6" P.V.C. in 8" hole & caulk around pipe opening

- See Type I for air vent & footing details

- Cover Plate

- Inside face of vault

- Air Vent Type II

Notes:

1. All joints are to be sealed against water infiltration in conformance with conduit manufacturers recommendations and are to be made in the presence of water inspector (Type I or II).

2. Where curbs and grades are not established, bottom holes of vents must be 10" minimum above surface of the ground (Type I only).

Revision Date: 3/30/2011

San Bernardino Municipal Water Department

Drawing Number

SBMWD

W6.29

Air Vent for U.G. Structures

Hình minh họa:

-PIPE DIA. "D"

-8 ROWS OF 9 EQUALLY SPACED 1" HOLES (72 HOLES TOTAL)

-8 ROWS OF 12 EQUALLY SPACED 1" HOLES (96 HOLES TOTAL)

-8 ROWS OF 17 EQUALLY SPACED 1" HOLES (136 HOLES TOTAL)

-8 ROWS OF 20 EQUALLY SPACED 1" HOLES (160 HOLES TOTAL)