Concrete Apron (12" Max.)

Slope Varies

Concrete Apron

Grout

12"

Concrete Apron

Grout

Varies

Varies

12" (Max.)

Slope Varies

Concrete Apron

Grout

TYPICAL URBAN INSTALLATION

PERMISSIBLE TOP ADJUSTMENT

Concrete Apron

A Maximum Of Two (2) Adjustment Courses Of Brick Will Be Permitted

Concrete Apron

Grout

28½" or 28¾"

23½" or 24½"

4" Chamfer

Typical Opening. One Or More Sides. See Plans For Required Openings. Grout Fill To Be Included In Cost Of Box

Brick Will Be Permitted Adjustment Courses Of A Maximum Of Two (2)

Concrete Apron

Grout

TYPICAL INSTALLATION ON SLOPES

TYPICAL TOP AND APRON

CAST OR FIELD CUT 4" WIDE SLOTS (2) FOR HINGE COVERS. GROUT AROUND HINGE COVERS.

Concrete Apron

Frame

4" Seamler

Optional Construction Joint Permitted

GENERAL NOTES

1. Light duty cast iron cover and frame, see Specifications Section 962.

2. Concrete shall be Class I, except ASTM C478 (4000 psi) concrete may be substituted for precast items manufactured in plants meeting the requirements of Section 449 of the Specifications. Box shall be reinforced with No. 3 bars (Grade 60) on 8" centers both ways, sides and bottom.

3. Concrete apron to be included in the contract unit price for Underdrain Inspection Box.

4. All covers shall be furnished with pick holes. Fitted lifts or handles are not permitted.

5. Manhole Type P Alternate A, Index No. 200, with Type I Frame and Cover, Index No. 203, may be used in lieu of the box detailed on this sheet, and is recommended when high ADT increases chance of the repeated vehicle loadings.