TYPICAL URBAN INSTALLATION

Concrete Apron (12" Max.)
Curb & Gutter

Slope Varies

Concrete Apron

Underdrain

Varies

Varies

Curved Underdrain To Box

Curved Underdrain To Box

Center of Box Sta/Offset Location

TYPICAL INSTALLATION ON SLOPES

Concrete Apron

Underdrain

3" Concrete Apron

Slope Varies

1:12

TYPICAL TOP AND APRON

Concrete Apron

Underdrain

Concrete Apron

Slope Varies

12"

PERMISSIBLE TOP ADJUSTMENT

Concrete Apron

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

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

Underdrain Inspection Box

3" Concrete Apron

Slope Varies

Varies

28½" or 28¾"

23½" or 21½"

24" or 23½"

4" Chamfer

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

SECTION AA

BOX AND TOP

28½" or 28¾"

23½" or 21½"

4" Chamfer

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

SECTION CC

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 425-010, with Type I Frame and Cover, Index 425-001, 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.