**GENERAL NOTES**

1. Catch basin can be used on grade or at roadway sag.

2. Catch basin has three configurations:
   - Sump Only: Sump portion of catch basin
   - Single Wing (Illustrated): Sump with wing basin upstream
   - Double Wing-Sump: Symmetrical wing basins each side.

3. Pipes can be placed in any wall except well adjacent to wing basin.

4. Floor shall be a wood troweled finish. Slope at the sump portion of the catch basin along the exit of pipe shall be 4:1.

5. Any specified inlet depression shall be warped to opening according to Std. Spec. C-1570.

6. All rebar shall be ASTM A36.

7. Nose plates, access frame and cover shall be given one shop coat of Number 1 paint.

8. All concrete shall be Class B.

9. Curb opening area (sq ft) per inch of curb + gutter depression = curb opening length (ft) x 0.0033.

10. All welding shall be in accordance with Std Spec 604-3.06.

11. Construction joints and drains shall be placed to meet field conditions. See Std. Spec C-1570.

12. \( t = \frac{6''}{H}\) when \( H < 8''\) or less.

\[ \text{6'' when } H > 8'' \]

**SECTION A-A**

Use this section when \( H=5'' \) or less.

**SECTION C-C**

**SECTION B-B**

Access Frame and Cover

Catch Basin Sump

Length = 3'-6'', 7'-6'', 11'-6'', or 19'-6''

6'' Center to Center

3 Bars

Gutter Width

2'-11''

No Rebar In Bottom

Curb Support Anchor

4'' Maximum Spacing

See Detail 2

Sheet 2 of 3

Nose Plate and Anchor

See Detail 1

Sheet 2 of 3

Construction Joint (Typ)

No Rebar In Bottom

Construction Joint (Typ)

No Rebar In Bottom

"4" Center to Center

Horizontal and Vertical

2'' Clear to Inside of Wall

3'' Clear of Bottom

Catch Basin Sump

Wing Basin

1'-5''

Int Photos

MIL" Center to Center

6'' Minimum

20x1

3/4'' Min. Width

6'' Min. Width

Gutter Width

6''

2'-11''

Gutter Width

6''

2'-11''

6''

6''

6''

6''

6''

6''