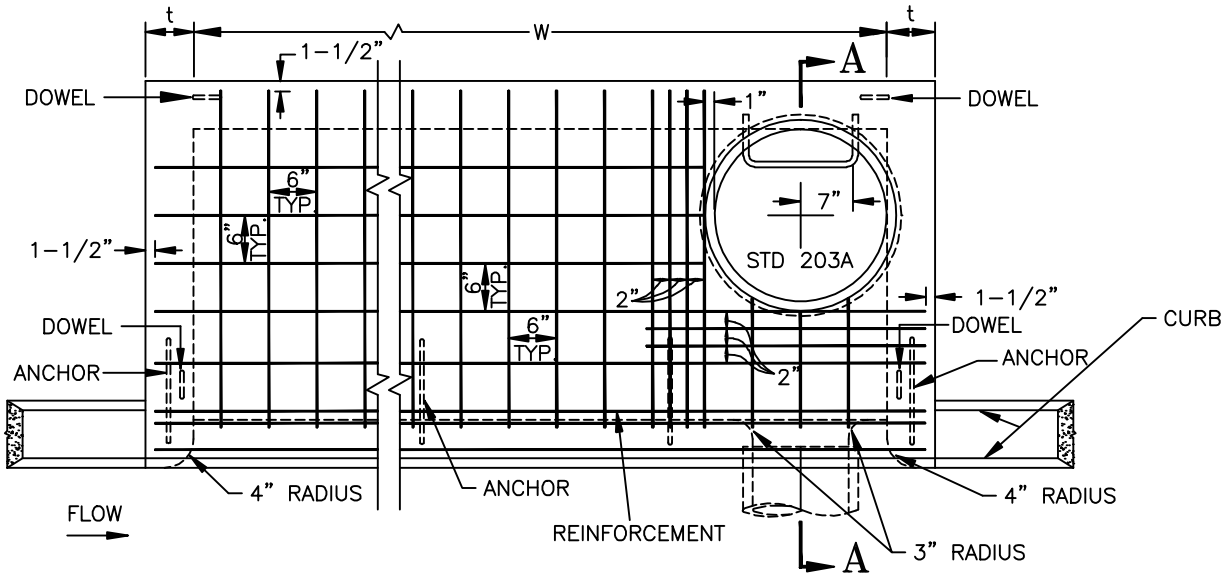
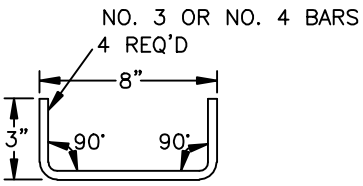
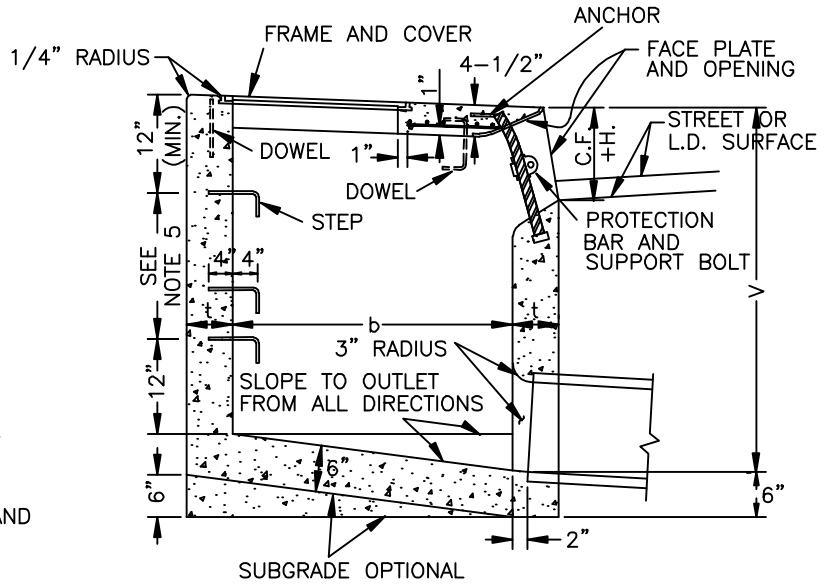


TOP SLAB - STRUCTURAL PLAN



DETAIL OF DOWEL



SECTION A-A

NOTES:

1. CONNECTOR PIPES:

   LOCATE PIPE AT THE DOWNSTREAM END OF THE BASIN UNLESS SPECIFICALLY NOTED OTHERWISE ON THE GENERAL PLAN. PIPE SHALL BE TRIMMED TO THE FINAL SHAPE AND LENGTH BEFORE THE PLACEMENT OF THE CONCRETE.

2. CONCRETE:

   DESIGN, Fc' = 3,000psi COMPRESSIVE STRENGTH AT 28 DAYS.
   FLOOR OF THE BASIN SHALL SLOPE FROM ALL WALLS TO THE OUTLET AND SHALL BE GIVEN A STEEL-TROWELED SURFACE FINISH.
   CURVATURE OF THE SILL AND THE SIDE WALLS OF THE GUTTER OPENING SHALL BE FORMED BY CURVED FORMS.
   SURFACE OF ALL EXPOSED CONCRETE SHALL CONFORM IN GRADE, SLOPE, COLOR, AND FINISH TO THE EXISTING, OR PROPOSED CURB AND WALK ADJACENT TO THE BASIN.

3. REINFOCEMENT:

   TOP SLAB - NO. 3 OR NO. 4 BARS SPACED AS REQUIRED ON THE STRUCTURAL PLAN.

4. DIMENSIONS:

   CURB FACE AT CATCH BASIN OPENING (EXIST C.F+H.) SHALL BE AS SHOWN ON THE GENERAL PLAN. CATCH BASNIS FOR W = 10 FEET OR MORE SHALL HAVE A 'V' DEPTH AT THE UPSTREAM END EQUAL TO THE CURB FACE AT THE CATCH BASIN PLUS 12 INCHES, BUT IN NO CASE SHALL THE SLOPE OF THE FLOOR EXCEED 3:1 W = 14'-0"; AND b = 3'-2", UNLESS OTHERWISE SHOWN. V = 4'-0", UNLESS OTHERWISE SHOWN. t = 6" IF V = 4'-0" OR LESS. t = 8" IF V = 4'-1" TO 8'-0", t = 0" IF V = 8'-1" OR MORE.

5. STEPS:

   V TO 3'-0" (INCL.), PLACE ON STEP 12 INCHES ABOVE THE FLOOR OF THE BASIN.
   V OVER 3'-0", PLACE STEPS 12 INCH INTERVALS FROM THE FLOOR OF THE BASIN WITH THE TOP STEP AT 12 INCHES (MINIMUM) BELOW THE TOP OF THE TOP SLAB.

CITY OF CHINO HILLS			
	CHRIS VOGT CITY ENGINEER	CATCH BASIN	205D