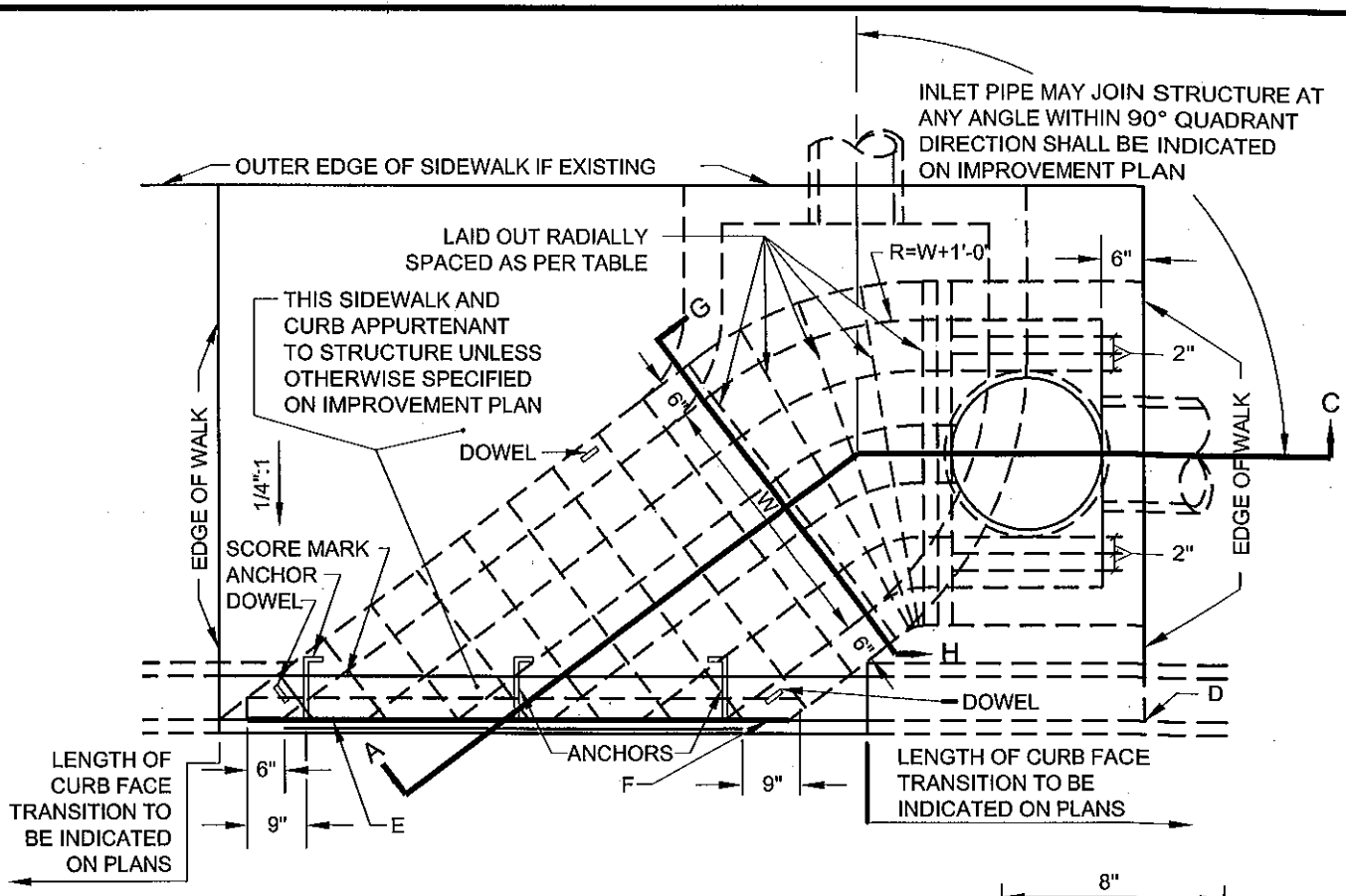
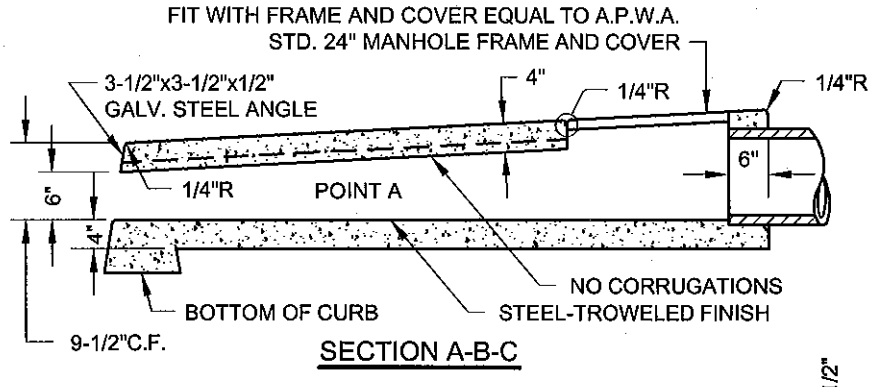
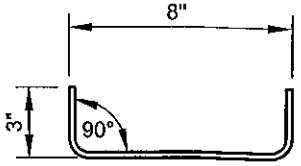


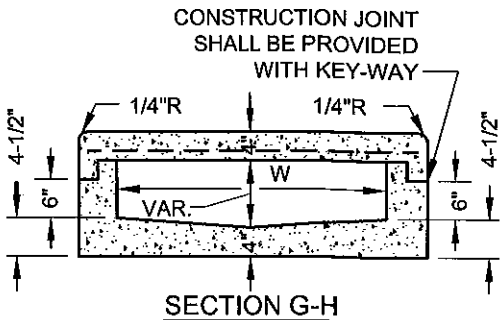


SECTION A-B-C

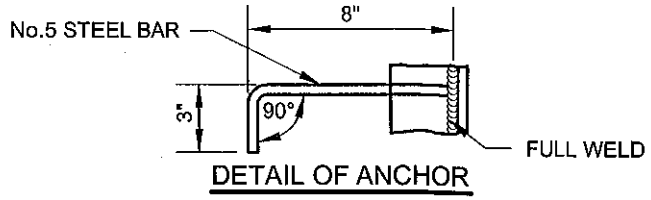


DETAIL OF DOWELS

TO BE USED WHEN TOP IS POURED SEPARATE, ONE AT EACH CORNER



SECTION G-H



DETAIL OF ANCHOR

STEEL LIST

SHOWING LENGTH & SPACING OR REINFORCING BARS

W	No.3 DEF. BARS		$3\frac{1}{2}x3\frac{1}{2}x\frac{1}{2}$	DOWELS	ANCHORS
	SPACING	LENGTH	GALV. ANGLE	SEE DETAIL	SEE DETAIL
2'-0"	6"	2'-10"	4'-9"	3	3
2'-6"	6"	3'-4"	5'-7"	3	3
3'-6"	5"	3'-10"	6'-5"	3	3
2'-0"	5"	4'-4"	7'-3"	3	3
4'-0"	4"	4'-10"	8'-1"	3	3

LONGITUDINAL BARS SHALL BE No. 3 DEFORMED BARS AND SHALL BE NOT MORE THAN 12 INCHES APART.

CITY OF SAN BUENAVENTURA

PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

FLAT INLET OR OUTLET STRUCTURE

STD. DET. NO. 302

APPROVED BY: J. McDermott
PRINCIPAL CIVIL ENGINEER

APPROVED BY
CITY ENGINEER R.C.E. 37064

DATE 4-8-14

SHEET 1 of 2

FLAT INLET OR OUTLET STRUCTURE NOTES:

1. CONCRETE SHALL BE 560-C-3250.

2. DIMENSIONS:
   AB = 5/3 OF CD
   BC = 3 FT. 6 IN. UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER
   CD = 3 FT. UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER
   EF = 5/3 OF W
   W = 2 FT. UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER

3. FLOOR OF STRUCTURE SHALL BE GIVEN A STEEL-TROWELLED FINISH AND CONSTRUCTED ON 1% GRADE. THE V-SECTION SPECIFIED FOR INVERT SHALL EXTEND FROM PIPE OUTLET TO A POINT 3 FT. FROM GUTTER FLOW-LINE AT THE STRUCTURE.

4. FORMS: CORRUGATED METAL FORMS SHALL NOT BE USED FOR SUPPORTING THE TOP SLAB.

5. REINFORCING STEEL SHALL BE NUMBER 4 DEFORMED BARS. CLEARANCE SHALL BE 1 IN. FROM THE BOTTOM OF SLAB.

6. SURFACE OF ALL EXPOSED CONCRETE SHALL CONFORM IN SLOPE, GRADE, COLOR FINISH, AND SCORING TO EXISTING OR PROPOSED CURB AND WALK ADJACENT TO THE STRUCTURE.

7. APPLY "NO DUMPING - DRAINS TO OCEAN" PLACARD WITH MANUFACTURER'S ADHESIVE OR APPROVED EQUAL AS DESIGNATED BY PUBLIC WORKS/ENVIRONMENTAL SUSTAINABILITY.

CITY OF SAN BUENAVENTURA	PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION	
NOTES FOR FLAT INLET OR OUTLET STRUCTURE		STD. DET. NO. 302
APPROVED BY: J. M. Dennett PRINCIPAL CIVIL ENGINEER	APPROVED BY R. L. R. CITY ENGINEER R.C.E. 37064 DATE 4-8-14	SHEET 2 of 2