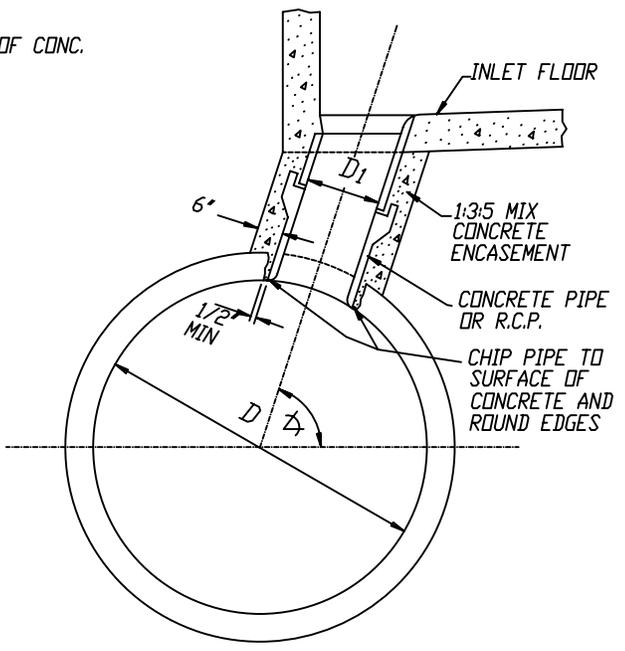
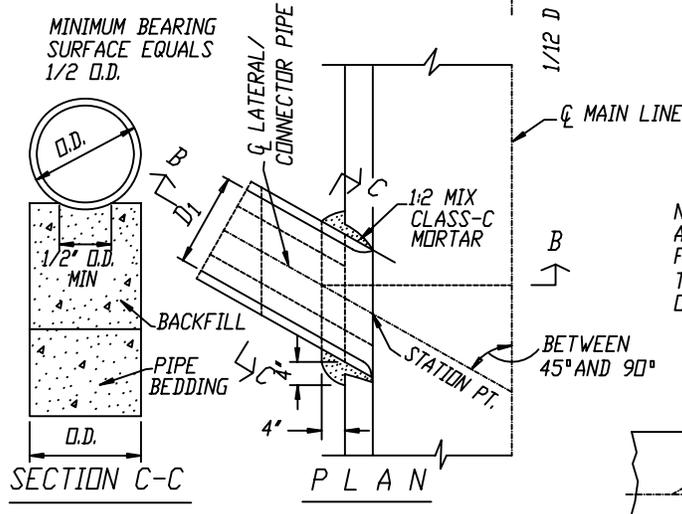


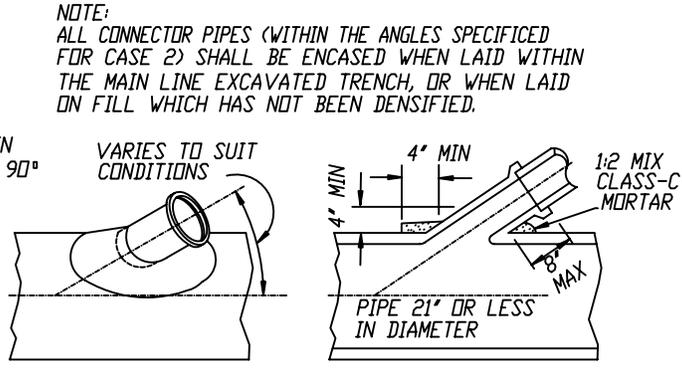
SECTION B-B  
CASE-1 SIDE JUNCTION



CASE-2  
INLET ABOVE STORM DRAIN



SECTION C-C  
CASE-1 SIDE JUNCTION



PLAN  
SECTION  
CASE-3 SADDLE CONNECTION

NOTES: CASES 1 AND 2

1. "D1" SHALL BE 24" OR LESS. FOR LARGER VALUES OF "D1", USE MANHOLE, JUNCTION STRUCTURE NO. 2
2. IN NO CASE SHALL THE OUTSIDE DIAMETER OF THE INLET PIPE EXCEED ONE-HALF THE INSIDE DIAMETER OF MAIN STORM DRAIN.
3. CENTERLINE OF JUNCTION SHALL BE ON RADIUS OF MAIN STORM DRAIN EXCEPT WHERE ELEVATION "S" IS SHOWN ON PROJECT DRAWING.
4. THE MINIMUM OPENING INTO THE EXISTING STORM DRAIN SHALL BE THE OUTSIDE DIAMETER OF THE CONNECTING PIPE PLUS ONE INCH.
5. ALL CORRUGATED METAL PIPE AND FITTINGS SHALL BE GALVANIZED.
6. IF  $\alpha$  IS 45 OR LESS, USE CASE-1; IF  $\alpha$  IS GREATER THAN 45, USE CASE-2.

NOTES: CASE 3

1. CONNECTION TO PIPE 21" OR LESS IN DIAMETER WITHOUT JUNCTION STRUCTURES OR PRECAST "Y" BRANCHES SHALL BE MADE WITH SADDLES.
2. TRIM OR CUT SADDLE TO FIT SNUGLY OVER THE OUTSIDE OF THE MAIN PIPE, AND SO ITS AXIS WILL BE ON THE LINE AND GRADE OF THE CONNECTING PIPE.
3. THE OPENING INTO THE PIPE SHALL BE CUT AND TRIMMED TO FIT THE SADDLE SO THAT NO PART WILL PROJECT WITHIN THE BORE OF THE SADDLE PIPE.
4. THE CONNECTING PIPE SHALL BE SUPPORTED AS SHOWN IN CASES 1 AND 2.

ADOPTED FROM LACDPW STD. DWG. NO. 3033-0 REV. 9/93

CITY OF NEWPORT BEACH  
PUBLIC WORKS DEPARTMENT

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CONNECTION ASSEMBLY

APPROVED:

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DIRECTOR OF PUBLIC WORKS  
R.C.E. NO. 12806

DATE	24 Sep 1993	SCALE	N.T.S.
DRAWN	M. GRACIA		STD-312-L