



NOTES:

CASE 1 AND CASE 2

1. ANGLE A SHALL BE BETWEEN 45° AND 90° AND D SHALL BE 24" OR LESS. FOR SMALLER VALUES OF A AND LARGER VALUES OF D, USE APPROPRIATE STANDARD STRUCTURES.
2. IN NO CASE SHALL THE OUTSIDE DIAMETER OF THE INLET PIPE EXCEED 1/2 THE INSIDE DIAMETER OF THE MAIN STORM DRAIN.
3. CENTER LINE OF INLET SHALL BE ON RADIUS OF MAIN STORM DRAIN EXCEPT WHERE ELEVATION S IS SHOWN ON PROJECT DRAWINGS.
4. THE OPENING INTO THE MAIN STORM DRAIN SHALL BE THE OUTSIDE DIAMETER OF THE INLET PIPE PLUS ONE INCH MINIMUM OR 3" MAXIMUM.
5. ALL CORRUGATED METAL PIPE AND FITTINGS SHALL BE GALVANIZED.
6. IF ANGLE B IS 45° OR LESS, USE CASE 1. IF ANGLE B IS GREATER THAN 45°, USE CASE 2.
7. BURN OR CHIP END OF CONNECTOR PIPE FLUSH WITH INNER SURFACE OF MAINLINE PIPE. ROUND EDGE OF CONCRETE PIPE OR REINFORCED CONCRETE PIPE.
8. STATION SPECIFICATION ON DRAWINGS APPLIES AT THE INTERSECTION OF INSIDE WALL OF MAIN STORM DRAIN AND CENTER LINE OF INLET PIPE.

CASE 1 AND CASE 2

1. CONNECTIONS TO PIPES 21" OR LESS IN DIAMETER WITHOUT JUNCTION STRUCTURES OR PRECAST Y BRANCHES SHALL BE MADE WITH SADDLES.
2. TRIM OR CUT SADDLES 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.
4. THE CONNECTING PIPE SHALL BE SUPPORTED AS SHOWN IN CASES 1 AND 2.

<p>CITY OF CHINO HILLS</p> <hr/> <p style="text-align: center;"><i>CHRIS VOGT</i> CITY ENGINEER</p>	<p>JUNCTION STRUCTURE 4</p>	<p>207D</p>
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