

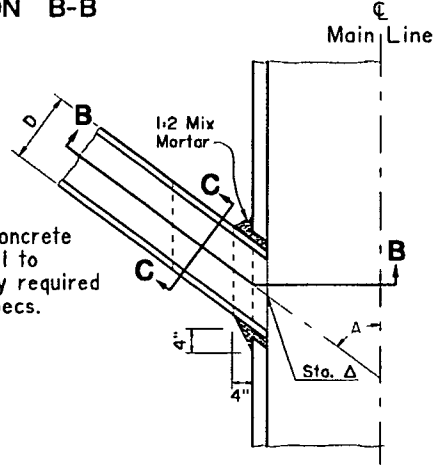
Note:
All connector pipes (within the angles specified for Case 2) shall be encased when laid within the main line excavated trench, or when laid on fill which has not been densified.

CASE 2



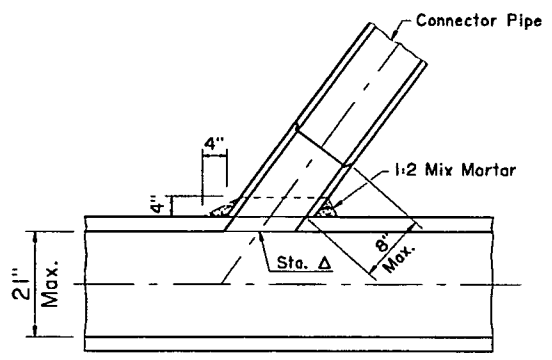
Backfill with concrete or compact soil to relative density required by Standard Specs.
Pipe Bedding

SECTION C-C



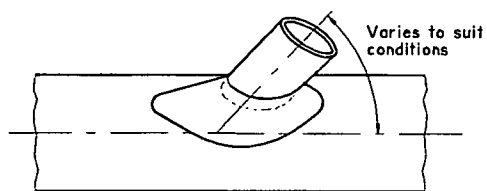
SECTION A-A

CASE 1



SECTION VIEW

CASE 3 - SADDLE CONNECTION



PLAN

NOTES - CASE 3

- NOTES - CASE 1 AND CASE 2**
1. Angle A shall be between 45° and 90° and D shall be 24 inches or less. For smaller values of A and larger values of D, use appropriate standard structure.
 2. In no case shall the outside diameter of the inlet pipe exceed one-half 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 inch 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. End of connector pipe shall be flush with inner surface of main line pipe. Round edge of concrete or reinforced concrete pipe.
 8. Station specified on drawings applies at the intersection of inside wall of main storm drain and center line of inlet pipe.

1. Connections to pipes 21 inches or less in dia. 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.

DRAWN P.L.S. DATE 8/1/95	CITY OF FULLERTON ENGINEERING DEPARTMENT		REVISED DATE _____ _____ _____
	STANDARD STORM DRAIN CONNECTIONS		
STD. NO. 326	APPROVED <i>Robert Hudson</i> DATE 8/16/95 DIRECTOR OF ENGINEERING		