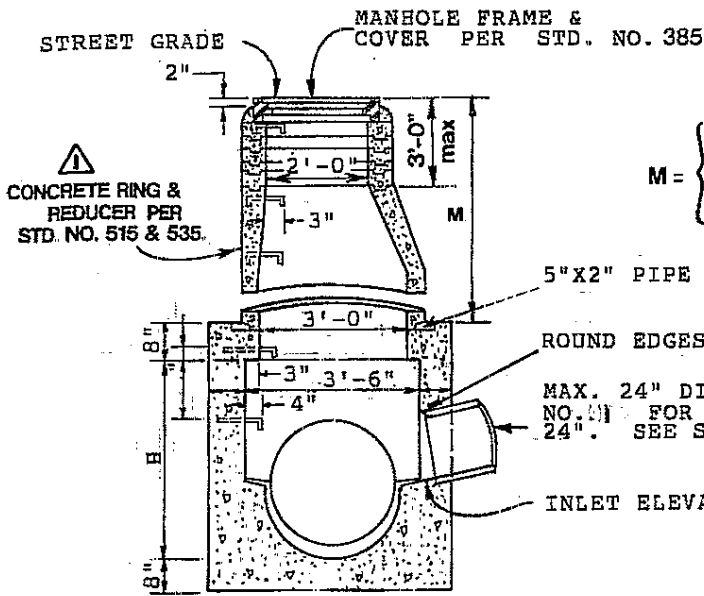
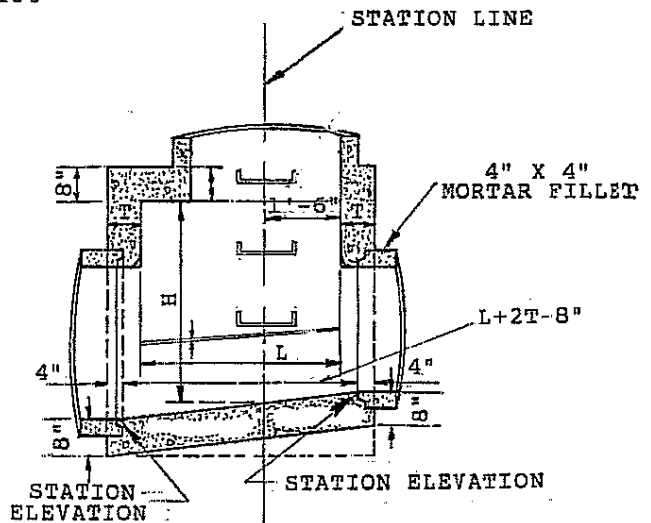
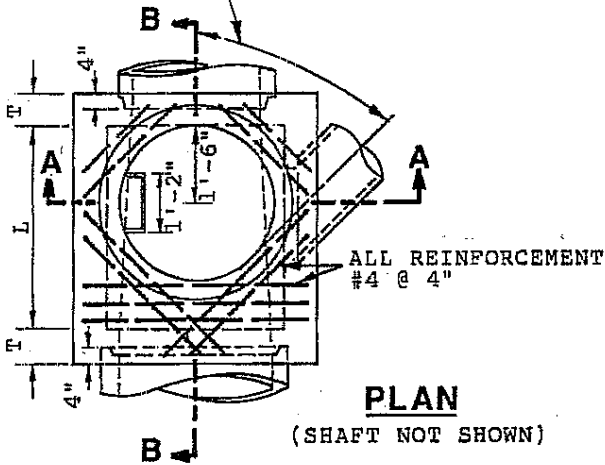


ANGLE SHALL NOT EXCEED 30°
WHEN SIDE FLOW EXCEEDS 10%
OF MAIN FLOW LINE.



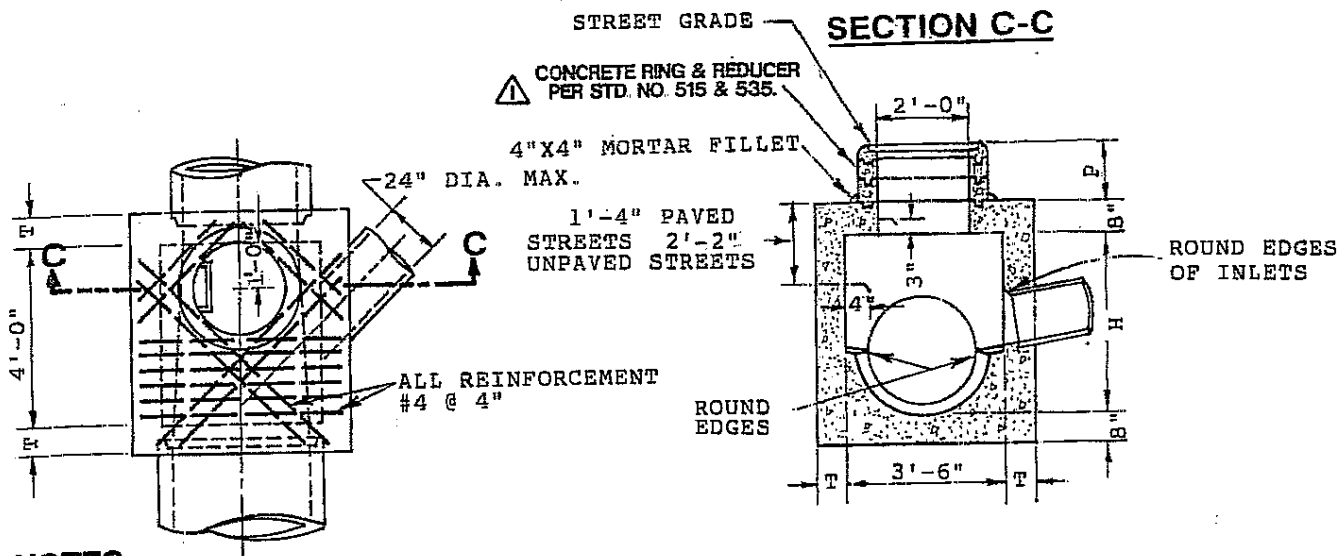
M = { MIN. 2'-10 1/2" FOR PAVED STREETS
MIN. 3'-6" FOR UNPAVED STREETS
SEE DETAIL 'H' & SEC. 'C-C' FOR
SHALLOW INSTALLATIONS.

SECTION A-A

MANHOLE SHAFT SHALL BE 4'-0" @ J.S.
WIDTH SHALL BE 4'-0" WHEN 'M' IS GREATER
THAN 20'. ALSO USE 6" THICK RINGS
PER STD. NO. 535

* See Std. 370 B for notes
and other details.

APPROVED <i>[Signature]</i> 1-28-89 CITY ENGINEER DATE				CITY OF CHINO PUBLIC WORKS DEPARTMENT	
DATE	REV	APP'D	BY	STANDARD DRAWING	No.
1/16/03	△ ADDED STD. 535 TO NOTE.	<i>[Signature]</i>	G.E.D.	JUNCTION STRUCTURE II 39 IN. OR LESS	370 A



NOTES:

1. Height, H shall be not less than 4'-0". For shallow installations use the configuration of Section C-C.
2. The configuration shown in Section C-C may be substituted for Section A-A by increasing H until P is within tolerance. (See Note 5) This alternative shall require approval of the City Engineer.
3. Length, L shall be 4'-0" unless shown otherwise on the plans.
4. The value of M shall be a minimum of 2'-10 1/2" on paved streets or 3'-6" on unpaved streets. When M is greater than 20', use 6" thick rings per Standard Drawing No. 515.
5. Depth, P shall be 8 1/2" to 11" on paved streets or 15" to 16" on unpaved streets. A reduction to 6" is permitted only where larger values would require H to be less than 3'-6".
6. Thickness, T may vary as required to provide a level pipe seat but shall not be less than 8" for values of H to 8' or 10" for values of H over 8'.
7. Steps shall be per standard drawing 335.
8. Reinforcing steel shall have a 1 1/2" clearance behind the face of the concrete wall.
9. Rings, reducers and pipe in the access shaft shall be seated in 1:2 mortar and neatly jointed or smoothed inside the shaft.
10. The ledge shall be sloped 2" per foot and the floor shall be troweled smooth.
11. Corners shall be rounded to the curvature of a 3" radius.
12. Concrete shall be FC' = 3250 PSI at 28 days.

APPROVED <i>Kay Wellington</i> 1-28-03 CITY ENGINEER DATE				CITY OF CHINO PUBLIC WORKS DEPARTMENT	
DATE	REV	APP'D	BY	STANDARD DRAWING	No.
1/16/03	△ Added Std. 535 to note	<i>[Signature]</i>	G.E.D.	JUNCTION STRUCTURE II	
				DETAILS & NOTES	370 B