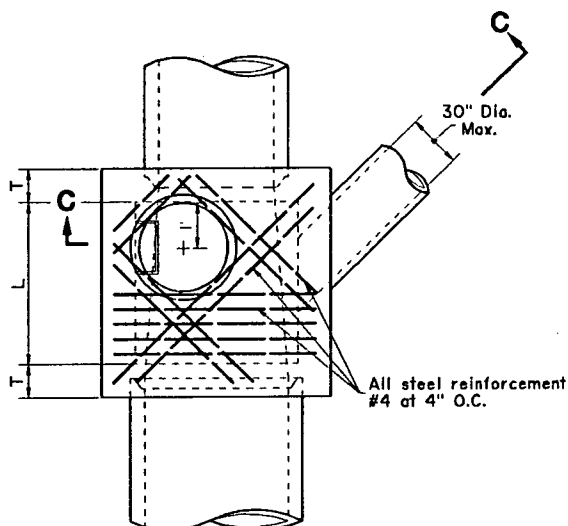
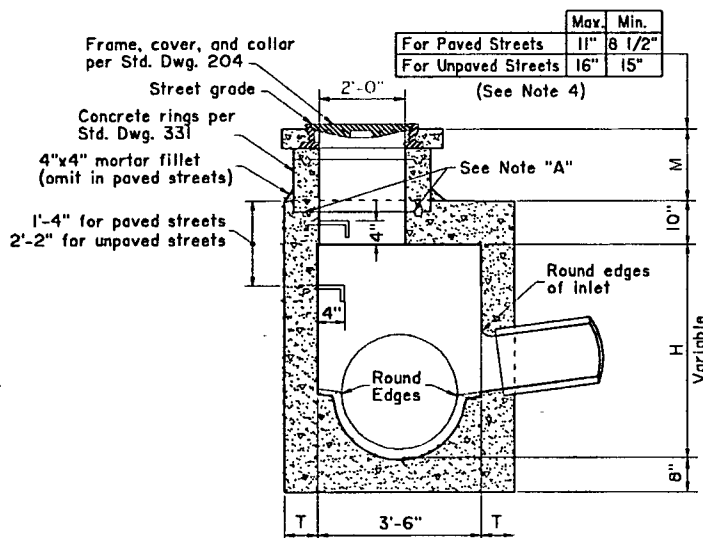




PLAN

See Note 3



Note "A"-

Two (2) inch deep seat to correspond to manhole shaft, grout between shaft and seal.

SECTION C-C

NOTES

- Height H (in Sec. A-A and Sec. B-B) shall be not less than 4'-0", but may be increased at option of the Engineer provided that the value of M shall be not less than the minimum specified and that the reducer shall be used. For H (in Sec. C-C) see Note 4.
- Length L shall be 4' for inlets of 21" or less and 5' for inlets greater than 21" unless otherwise shown on improvement plan. (May be increased a maximum of one foot at each end to meet pipe ends. Continue #4 E bars @ 4" o.c. per Std. Dwg. No. 322)
- Shaft shall be constructed as per Plan and Section C-C when depth M from street grade to top of box is less than 2'-10 1/2" for paved streets, or 3'-6" for unpaved streets.
- Depth M may be reduced to an absolute limit of 6" when larger values of M would reduce H (in Sec. C-C) to 3'-6" or less.
- T shall be 8" for values of H up to and including 8', and 10" for values of H over 8'.
- Steps - If H is 3'-6" or less, none required. If H is greater than 3'-6", the top step shall be located 6"-12" below the top of the manhole lid. The remaining steps shall be evenly spaced 12" to 17" with the bottom step a minimum of 7" to 12" above the floor. The top step shall project 2 1/2" from the wall. All other steps shall project 4" out from the wall.
- Reinforcing steel shall be #4 bars, deformed, straight bars 1 1/2" clear from face of concrete.
- Floor of manhole shall be steel-troweled.
- Rings, reducer, and pipe for access shaft shall be seated in 1:2 mortar and neatly pointed or wiped inside shaft.
- Ledge shall be sloped at 2" per foot.

Note: Use Junction Structure Type I for outlet pipe diameters of 42" or less, and side inlet diameters of 30" or less.

DRAWN PLS.

DATE 8/1/95

CITY OF FULLERTON ENGINEERING DEPARTMENT

REVISED

DATE

STD. NO.

321

1 of 2

JUNCTION STRUCTURE TYPE I

APPROVED

Robert J. Hudson
DIRECTOR OF ENGINEERING

DATE

8/16/95