

1. HEIGHT H shall be not less than 4'-0" but may be increased at option of Contractor provided that the value of M shall not be less than the minimum specified and that the reducer shall be used. For H (in Sec. C-C) See Note 4.
2. LENGTH L shall be 4' unless otherwise shown on improvement plan. L may be increased or location of manhole shifted to meet pipe ends, at the option of Contractor, except that any change in location of manhole must be approved by the Engineer.
3. SHAFT shall be constructed as per Sec. C-C and Detail N when depth M from street grade to top of box is less than 2'-10½" for paved streets or 3'-6" for unpaved street.
4. DEPTH P may be reduced to an absolute limit of 6 inches when larger values of P would reduce H (in Sec. C-C) to be 3'-6" or less.
5. T shall be 8" for values of H up to and including 8 ft. T shall be 10" for values of H over 8 ft.
6. Steps shall be ¾" round, galvanized steel and anchored not less than 4 inches in the walls of structures. Unless otherwise shown, steps shall be spaced 16" on center. The lowest step shall be not more than 2 feet above the invert.
7. REINFORCING STEEL shall be No. 4 and 1½" clear from inside face of concrete.
8. STATIONS refer to Plan & Profile sheets. Elevations at ϵ and prolonged invert grade line. See Note 2 for shifting location.
9. RINGS, reducer, and pipe for access shaft shall be seated in cement mortar and neatly pointed or wiped inside shaft.
10. FLOOR of manhole shall be steel-troweled.
11. CONCRETE shall be Class "A".



RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
APPROVED BY: <i>Warren D. Will Lays</i>	
CHIEF ENGINEER	
DATE: April 5, 2004	R.C.E. NO. 32336

MANHOLE NO. 1

STANDARD DRAWING NUMBER MH251
SHEET 2 OF 2