



TABLE OF VALUES FOR M (SEE NOTE 1)				
SECTION	PAVED STREET		UNPAVED STREET	
	MAX.	MIN.	MAX.	MIN.
A-A		2'-10 1/2"		3'-6"
C-C	0'-11"	0'-8 1/2"	1'-4"	1'-3"

REVISED 6-20-95

CITY OF RANCHO CUCAMONGA, CALIFORNIA

APPROVED BY:

Mr. J. J. J. J.
CITY ENGINEER
R.C.E. 24953
DATE 7/13/95

**MANHOLE NO.1
33" PIPE OR SMALLER**

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

318

SHEET 1 OF 2

NOTES:

1. WHEN DEPTH M FROM STREET GRADE TO THE TOP OF THE BOX IS LESS THAN 2'-10" FOR PAVED STREETS OR 3'-6" FOR UNPAVED STREETS, CONSTRUCT SHAFT PER SECTION C-C AND DETAIL. N. DEPTH M MAY BE REDUCED TO AN ABSOLUTE LIMIT OF 6" WHEN LARGER VALUES OF M WOULD REDUCED H IN SECTION C-C TO 3'-6" OR LESS.
2. H (IN SECTION A-A AND B-B) SHALL NOT BE LESS THAN 4'-0". BUT MAY BE INCREASED PROVIDED THAT THE VALUE OF M SHALL NOT BE LESS THAN THE MINIMUM SPECIFIED AND THAT THE REDUCER SHALL BE USED FOR H (IN SECTION C-C) SEE NOTE 1.
3. L SHALL BE 4' UNLESS OTHERWISE SHOWN. L MAY BE INCREASED OR LOCATION OF MANHOLE SHIFTED TO MEET PIPE ENDS.
4. T SHALL BE 8" FOR VALUES OF H UP TO AND INCLUDING 8" AND 10" FOR VALUES OF H OVER 8'.
5. STATIONS OF MANHOLES SHOWN ON PROJECT DRAWINGS APPLY AT CENTERLINE OF SHAFT ELEVATIONS ARE SHOWN AT CENTERLINE OF SHAFT AND REFER TO THE PROLONGED INVERT GRADE LINES. SEE NOTE 3.
6. REINFORCEMENT SHALL CONFORM TO ASTM A 615, GRADE 40, AND SHALL TERMINATE 1 1/2" CLEAR OF CONCRETE SURFACES UNLESS OTHERWISE SHOWN.
7. FLOOR OF MANHOLE SHALL BE STEEL TROWELED TO SPRING LINE.
8. BODY OF MANHOLE SHALL BE POURED IN ONE CONTINUOUS OPERATION EXCEPT THAT A CONSTRUCTION JOINT WITH LONGITUDINAL KEYWAY MAY BE PLACED AT SPRING LINE.
9. STEPS SHALL CONFORM TO STANDARD PLAN 325. UNLESS OTHERWISE SHOWN STEPS SHALL BE SPACED 14" TO 15" OC. THE LOWEST STEP SHALL NOT BE MORE THAN 2' ABOVE THE LEDGE AT THE SIDE OF THE MANHOLE FLOOR.
10. MANHOLE FRAME AND COVER SHALL CONFORM TO STANDARD PLAN 324 UNLESS OTHERWISE SHOWN.
11. MANHOLE SHAFT SHALL CONFORM TO STANDARD PLAN 322. UNLESS OTHERWISE SHOWN.

THE FOLLOWING STANDARD PLANS ARE INCORPORATED HEREIN:

- 324 24-INCH MANHOLE FRAME AND COVER
- 325 STEEL STEPS

REVISION 6-20-95

CITY OF RANCHO CUCAMONGA, CALIFORNIA

APPROVED BY:

M. J. J. J. 7/19/95
 CITY ENGINEER DATE
 R.C.E. 24953

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SHEET 2 OF 2