

NOTES

- VALUES FOR A, B. C, D₁, D₂, ELEVATION R AND ELEVATION S ARE SHOWN ON THE PROJECT DRAWINGS.
- 2. 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 MONOLITHIC SHAFT PER SECTION C-C AND DETAIL N. SHAFT FOR ANY DEPTH OF MANHOLE MAY BE CONSTRUCTED PER SECTION C-C. WHEN DIAMETER D, IS 48" OR LESS, CENTER OF SHAFT MAY BE LOCATED PER NOTE 3.
- 3. CENTER OF MANHOLE SHAFT SHALL BE LOCATED OVER CENTER LINE OF STORM DRAIN WHEN DIAMETER DI IS 48" OR LESS, IN WHICH CASE PLACE E BARS SYMMETRICALLY AROUND SHAFT AT 45° WITH CENTER LINE.
- 4. LENGTH OF MANHOLE MAY BE INCREASED AT OPTION TO MEET PIPE ENDS. BUT ANY CHANGE IN LOCATION OF SPUR MUST BE APPROVED BY THE ENGINEER.
- 5. P SHALL BE 5" FOR D_2 =96" OR LESS AND 8" FOR D_2 OVER 96".
- 6. REINFORCEMENT SHALL CONFORM TO ASTM A 615, GRADE 40, AND SHALL TERMINATE | 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 A LONGITUDINAL KEYWAY MAY BE PLACED AT SPRING LINE.
- 9. IF LATERALS ENTER ON BOTH SIDES OF MANHOLE, SHAFT SHALL BE LOCATED ON SIDE RECEIVING THE SMALLER LATERAL.
- IO. ELEVATION S APPLIES AT INSIDE WALL OF STRUCTURE.
- II. STEPS SHALL CONFORM TO STANDARD PLAN 325. UNLESS OTHERWISE SHOWN STEPS SHALL BE SPACED 14" TO 15" ON CENTER. THE LOWEST STEP SHALL NOT BE MORE THAN 24" ABOVE THE LEDGE AT THE SIDE OF THE MANHOLE FLOOR.
- 12. MANHOLE FRAME AND COVER SHALL CONFORM TO STANDARD PLAN 324.
- 13. MANHOLE SHAFT SHALL CONFORM TO STANDARD PLAN 322. UNLESS OTHERWISE SHOWN.

THE FOLLOWING STANDARD PLANS ARE INCORPORATED HEREIN:

322 STANDARD MANHOLE SHAFT

324 24-INCH MANHOLE FRAME AND COVER

325 STEEL STEPS

CITY OF	RANCHO CUCAMONGA, CALIFORI	NIA
APPROVED BY:	MANHOLE NO. 4	STANDARD PLAN
Uhoneil 6:1:92		321
CITY ENGINEER DATE R.C.E. 24953	USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION	SHEET 2 DF 2