



NOTES:

- TABLE OF VALUES FOR "F" ARE ON THIS PLAN.
- CENTER OF MANHOLE SHAFT SHALL BE LOCATED OVER CENTERLINE OF STORM DRAIN WHEN DIAMETER D1, IS 48" OR LESS, IN WHICH CASE PLACE "E" BARS SYMMETRICALLY AROUND SHAFT AT 45° WITH CENTER LINE AND OMIT "D" BARS.
- DETAIL "M": WHEN DEPTH OF MANHOLE FROM STREET GRADE TO TOP OF BOX IS LESS THAN 2'-10 1/2" FOR PAVED STREET OR 3'-6" FOR UNPAVED STREET, CONSTRUCT MONOLITHIC SHAFT AS PER DETAIL "M".
- THICKNESS OF DECK SHALL VARY WHEN NECESSARY TO PROVIDED LEVEL PIPE SEAT BUT SHALL NOT BE LESS THAN TABULAR VALUES OF "F" SHOWN ON THIS PLAN.
- REINFORCING STEEL TO BE 1-1/2" CLEAR FROM FACE OF CONCRETE UNLESS OTHERWISE SHOWN.
- STEPS: SPACING SHALL BE 12" C-C. THE LOWEST STEP SHALL NOT BE MORE THAN 2'-6" ABOVE THE INVERT. SEE DRAWING STD.-404-L.
- RINGS, REDUCER AND PIPE FOR ACCESS SHAFT SHALL BE SEATED IN CLASS C MORTAR AND NEATLY POINTED AND POINTED OR WIPED INSIDE THE SHAFT.
- STATIONS OF MANHOLES SHOWN ON PLAN APPLY AT CENTER OF SHAFT.
- FLOOR OF MANHOLE SHALL BE STEEL TROWELED TO SPRING LINE.
- BODY OF MANHOLE, SHALL BE POURED IN ONE CONTINUOUS OPERATION, EXCEPT THAT A CONSTRUCTION JOINT WITH A LONGITUDINAL KEYWAY MAY BE PLACED AT THE SPRING LINE.
- LENGTH "L" MAY BE INCREASED OR LOCATION OF MANHOLE SHIFTED TO MEET PIPE ENDS. WHEN "L" IS GREATER THAN THAT SHOWN ABOVE IS SPECIFIED, "D" BARS SHALL BE CONTINUED AT 6" ON CENTERS.
- "D" BARS SHALL BE #4 FOR D ≤ 30" OR LESS, #5 FOR D ≥ 42" TO 72" INCLUSIVE. TIE BARS SHALL BE #4 BARS.
- CENTER LINE OF INLET PIPE TO INTERSECT INSIDE FACE OF CONE AT SPRING LINE UNLESS OTHERWISE SHOWN.

ADOPTED FROM LACDPW STD. DWG. NO. 3021-0

REF. STD.-112-L; STD.-309-L; STD.-404-L

REV. 9/93

<p>CITY OF NEWPORT BEACH PUBLIC WORKS DEPARTMENT</p>	<p>APPROVED</p>
<p>MANHOLE NO. 2 PLAN, SECTION, AND DETAIL</p>	<p>DIRECTOR OF PUBLIC WORKS R.C.E. NO. 12806</p>
<p>DATE 17 Dec 1993</p>	<p>SCALE N.T.S.</p>
<p>DRAWN M. GRACIA</p>	<p>STD-307-L</p>