

NOTES

1. TABLE OF VALUES FOR F ARE ON PLAN SHEET 1.
2. CENTER OF MANHOLE SHAFT SHALL BE LOCATED OVER CENTER LINE OF STORM DRAIN WHEN DIAMETER D_1 IS 48" OR LESS, IN WHICH CASE PLACE E BARS SYMETRICALLY AROUND SHAFT AT 45° WITH CENTERLINE AND OMIT J BARS.
3. 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. SHAFT FOR ANY DEPTH OF MANHOLE MAY BE CONSTRUCTED AS PER DETAIL M. WHEN DIAMETER D_1 IS 48" OR LESS, CENTER OF SHAFT MAY BE LOCATED AS PER NOTE 2.
4. THICKNESS OF DECK SHALL VARY WHEN NECESSARY TO PROVIDE LEVEL PIPE SEAT, BUT SHALL NOT BE LESS THAN TABULAR VALUES FOR F SHOWN ON PLAN SHEET 1.
5. REINFORCING STEEL SHALL BE ROUND, DEFORMED, STRAIGHT BARS, 1 1/2" CLEAR FROM INSIDE FACE OF CONCRETE UNLESS OTHERWISE SHOWN.
6. STEPS SHALL BE 3/4" ROUND, GALVANIZED STEEL AND ANCHORED NOT LESS THAN 4" IN THE WALLS OF STRUCTURE UNLESS OTHERWISE SHOWN THE SPACING SHALL BE 16". THE LOWEST STEP SHALL BE NOT MORE THAN 2'-0" ABOVE THE INVERT. SEE STD DWG MH259.
7. RINGS, REDUCER AND PIPE FOR ACCESS SHAFT BE SEATED IN CEMENT MORTAR AND NEATLY POINTED OR WIPED INSIDE SHAFT.
8. STATIONS OF MANHOLES SHOWN ON PLAN APPLY AT CENTER OF SHAFT ELEVATIONS SHOWN AT STATIONS REFER TO PROLONGED INVERT GRADE LINES.
9. FLOOR OF MANHOLE SHALL BE STEEL TROWELED TO SPRINGLINE.
10. BODY OF MANHOLE SHALL BE POURED IN ONE CONTINUOUS OPERATION, EXCEPT THAT THE CONSTRUCTION JOINT WITH A LONGITUDINAL KEYWAY MAY BE PLACED AT THE SPRINGLINE.
11. LENGTH L AND EMBEDMENT P SHALL HAVE THE FOLLOWING VALUES, UNLESS OTHERWISE SHOWN ON THE PLAN
 FOR $D_2 = 96"$ OR LESS, $L = 5'-6"$, $P = 5'$
 $D_2 = \text{OVER } 96"$, $L = 6'-0"$, $P = 8"$
 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 6" O.C.
12. D BARS SHALL BE #4 FOR $D_2 = 39"$ OR LESS #5 FOR $D_2 42"$ TO 84" INCLUSIVE AND #6 FOR $D_2 = 90"$ OR OVER TIE BARS SHALL BE #4 BARS.
13. STRUCTURAL CONCRETE SHALL BE CLASS "A".
14. CENTERLINE OF INLET PIPE TO INTERSECT INSIDE FACE OF CONE AT SPRINGLINE UNLESS SHOWN OTHERWISE.
15. WHERE PRESSURE MANHOLE NO. 2 IS SPECIFIED ON PLANS SEE STD DWG MH256 AND MH258.

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		MANHOLE NO. 2
RECOMMENDED FOR APPROVAL BY:  CHIEF, DESIGN & CONSTRUCTION DATE: <u>JANUARY 2011</u>	APPROVED BY:  CHIEF ENGINEER DATE: <u>JANUARY 2011</u>	STANDARD DRAWING NUMBER MH252 SHEET 2 OF 2
R.E. No. 44684	R.C.E. NO. 32336	