

APPROVED: PUBLIC WORKS DIRECTOR
James W. Rodkey, Jr. DATE 9/7/00
 JAMES W. RODKEY, JR.
 APPROVED: CITY ENGINEER
Robert K. Holt DATE 8/21/00
 ROBERT K. HOLT, P.E.

CITY OF
BLYTHE

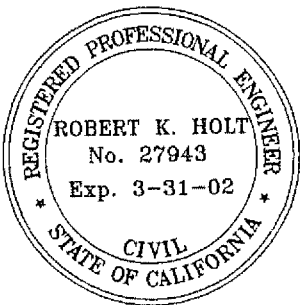
STORM DRAIN
 MANHOLE NO. 1

STANDARD DRAWING NO. SD-515

REVISION BY DATE

NOTES:

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 THE 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'-10 1/2" FOR PAVED STREETS OR 3'-6" FOR UNPAVED STREETS.
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 FEET. T SHALL BE 10" FOR VALUES OF H OVER 8 FEET.
6. STEPS SHALL BE 3/4" ROUND, GALVANIZED STEEL PER STANDARD DRAWING SD-506 AND ANCHORED NOT LESS THAN 4" 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 1-1/2" CLEAR FROM INSIDE FACE OF CONCRETE.
8. STATIONS REFER TO PLAN AND PROFILE SHEETS. ELEVATIONS AT \bar{Q} 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 "3" CONCRETE WHICH SHALL ATTAIN A 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI IN ACCORDANCE WITH ASTM C39/C39M-99.



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<i>James W. Rodkey, Jr.</i> DATE 9/7/00	
JAMES W. RODKEY, JR.	
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<i>Robert K. Holt</i> DATE 9/31/00	
ROBERT K. HOLT, P.E.	
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CITY OF BLYTHE
STORM DRAIN MANHOLE NO. 1
STANDARD DRAWING NO. SD-515A