

FHWA REGION	STATE	PROJECT
5	OHIO	

22-A  
114

LAKE COUNTY  
LAK-20-6.65

**SANITARY NOTES:**

**SANITARY SEWER ITEMS:**

ALL SANITARY SEWER ITEMS SHOWN WITHIN THESE PLANS, IN ADDITION TO D.C.D.T. SPECIFICATIONS SHALL CONFORM TO THE LAKE COUNTY SANITARY ENGINEERS SPECIFICATIONS AND STANDARD CONSTRUCTION DRAWINGS.

**ITEM 604 SANITARY MANHOLE ADJUSTED OR RECONSTRUCTED TO GRADE:**

ADJUSTMENTS SHALL BE MADE USING RED BRICK. COURSES FOR ADJUSTMENTS CAN VARY FROM 0 TO 9 COURSES. RECONSTRUCTED SANITARY MANHOLES SHALL USE ADJUSTMENT CONES OR PRECAST SECTIONS WHEN COMPATABLE WITH THE EXISTING MANHOLE. MANHOLES CAN ALSO BE LOWERED BY USING A FLAT SLAB TOP IF THE MANHOLE IS 5'-0" IN DEPTH OR LESS. ALL STEPS SHALL CONFORM TO LAKE COUNTY SANITARY ENGINEERS SPECIFICATIONS.

**ITEM 604 STANDARD NO.3 MANHOLE, MODIFIED AS PER PLAN**

IN LIEU OF THE 48" DIAMETER BASE, THE 60" DIAMETER BASE SHALL BE USED WITH THE ECCENTRIC TRANSITION. THE SANITARY SEWER LINE SHALL BE OFFSET ONE FOOT FROM THE CENTER LINE OF THE BASE AWAY FROM STEPS.

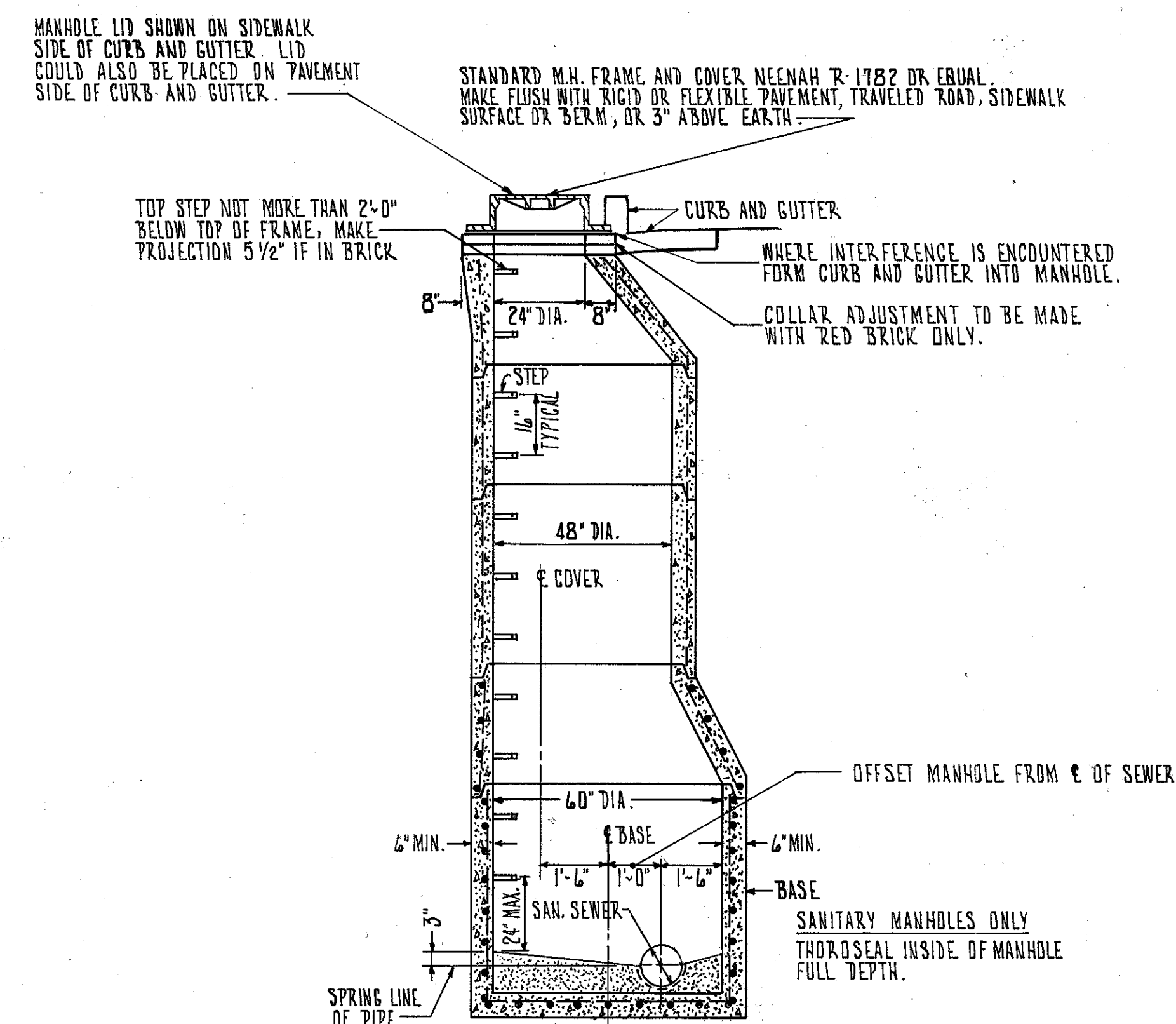
THE MANHOLE TOP SHALL ALSO HAVE AN ECCENTRIC CONE TOP. THE CENTER OF THE MANHOLE LID SHALL BE OFFSET FROM THE CENTER OF THE SANITARY SEWER BY 2'-6" AND SHALL BE PLACED EITHER IN THE SIDEWALK SIDE OF THE CURB AND GUTTER OR ON THE PAVEMENT SIDE.

THE MANHOLE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LAKE COUNTY SANITARY ENGINEERS SPECIFICATIONS. SEE DETAIL THIS SHEET.

**LICENSE AND INSPECTION**

THE CONTRACTOR MUST BE LICENSED BY THE DEPARTMENT OF THE LAKE COUNTY SANITARY ENGINEER.

THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMIT AND PROVIDE FOR PAYMENT OF ALL INSPECTION FEES OF THE DEPARTMENT OF THE LAKE COUNTY SANITARY ENGINEER.



SANITARY MANHOLE SHALL CONFORM TO THE LAKE COUNTY SANITARY ENGINEERS SPECIFICATIONS AND STANDARD CONSTRUCTION DRAWINGS.

**MANHOLE STANDARD NO.3, MODIFIED A.P.P.**  
FOR ADDITIONAL DETAILS SEE SHEET NO.22