

- II. THE FOLLOWING CRITERIA SHALL BE USED FOR THIS MANHOLE:
- A. MAIN LINE = 33" INSIDE DIAMETER OR LESS. (EXCEPTION - IF THE MAIN LINE RCP DOWNSTREAM OF THE MANHOLE IS 36" TO 42" INSIDE DIAMETER AND THE MAIN LINE RCP UPSTREAM IS 33" OR LESS.) C.L.Q. STD. No. 340 OR C.L.Q. STD. No. 342 IS NOT APPLICABLE WHERE THE MAIN LINE CONDUIT IS LESS THAN 36" IN DIAMETER.
 - B. SEE SECTION A - A. THE MAXIMUM SIZE LATERAL THAT MAY BE CONNECTED TO THIS MANHOLE IS SUCH THAT THE DISTANCE FROM THE OUTSIDE (TOP) OF THE LATERAL TO THE BOTTOM OF THE 8" THICK TOP OF THE MANHOLE CHAMBER, MEASURED VERTICALLY FROM THE END OF THE RCP, SHALL BE A MINMUM OF 6".
 - C. IF THE SIZE OF THE LATERAL IS SUCH THAT THE ABOVE-SPECIFIED MINIMUM DISTANCES CANNOT BE MAINTAINED, THEN ONE OF THE FOLLOWING ALTERNATE SOLUTIONS MUST BE USED.
 1. PROVIDE A SPECIAL STRUCTURE.
 2. PROVIDE TWO STANDARD STRUCTURES, CONSISTING OF THIS MANHOLE PLACED UPSTREAM OR DOWNSTREAM FROM THE APPLICABLE JUNCTION STRUCTURE OR TRANSITION STRUCTURE.
12. MANHOLE FRAME AND COVER SHALL CONFORM TO STANDARD PLAN 630 UNLESS OTHERWISE SHOWN.
 13. MANHOLE SHAFT SHALL CONFORM TO STANDARD PLAN 324 UNLESS OTHERWISE SHOWN.
 14. WHERE A MANHOLE SHAFT - 36-INCH WITHOUT REDUCER IS SPECIFIED REFER TO STANDARD PLAN 336.
 15. WHERE A PRESSURE MANHOLE SHAFT - WITH ECCENTRIC REDUCER IS SPECIFIED REFER TO STANDARD PLAN 328.
 16. WHERE A PRESSURE MANHOLE SHAFT - 36-INCH WITHOUT REDUCER IS SPECIFIED REFER TO STANDARD PLAN 329.

THE FOLLOWING A.P.W.A. STANDARD PLANS ARE INCORPORATED HEREIN BY REFERENCE:

324	MANHOLE SHAFT - WITH ECCENTRIC REDUCER
326	MANHOLE SHAFT - 36-INCH WITHOUT REDUCER
328	PRESSURE MANHOLE SHAFT - WITH ECCENTRIC
329	PRESSURE MANHOLE SHAFT - 36-INCH WITHOUT REDUCER
630	24-INCH MANHOLE FRAME AND COVER
633	36-INCH MANHOLE FRAME AND COVER
63 5	STEEL STEP
63 6	POLYPROPLYLENE PLASTIC STEP

A.P.W.A. STD. No. 321-0

REVISIONS:

APPROVED 08/21/01		STANDARD
CHRIS A. VOGT CITY ENGINEER RCE 44250	MANHOLE PIPE TO PIPE (ONE OR BOTH MAIN LINE ID'S > 33"	341
		SHEET 3 OF 3