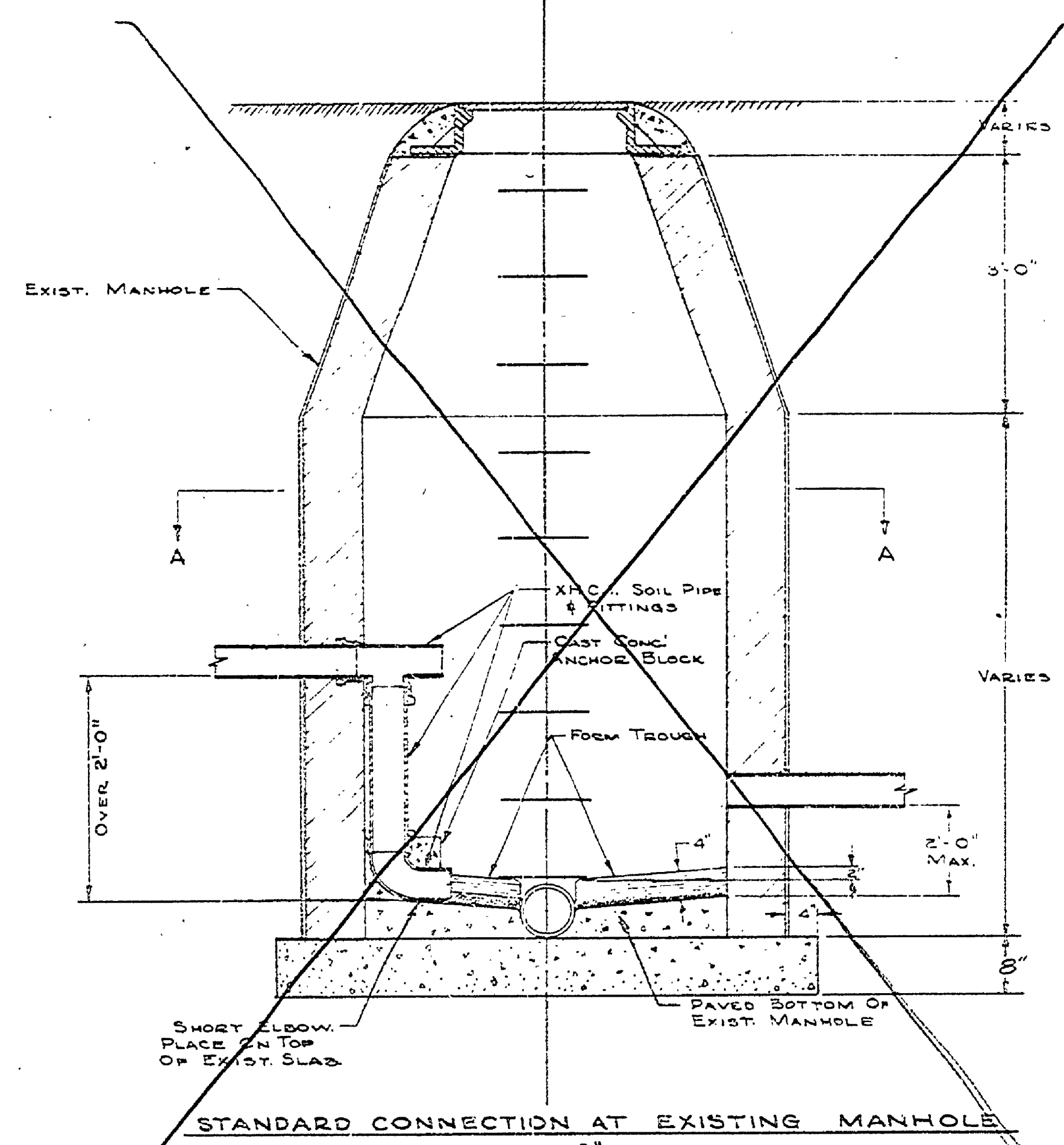
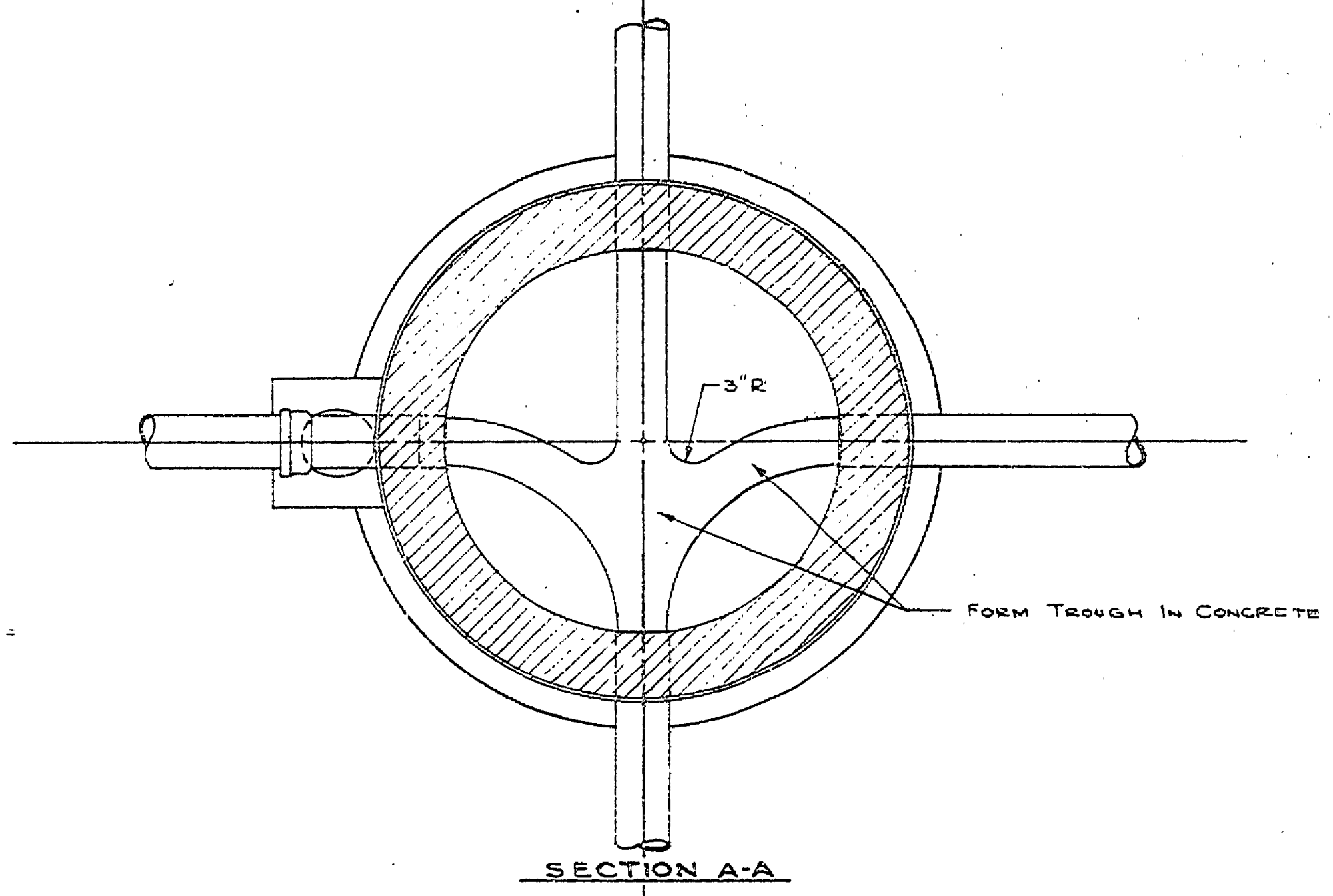


SECTION A-A



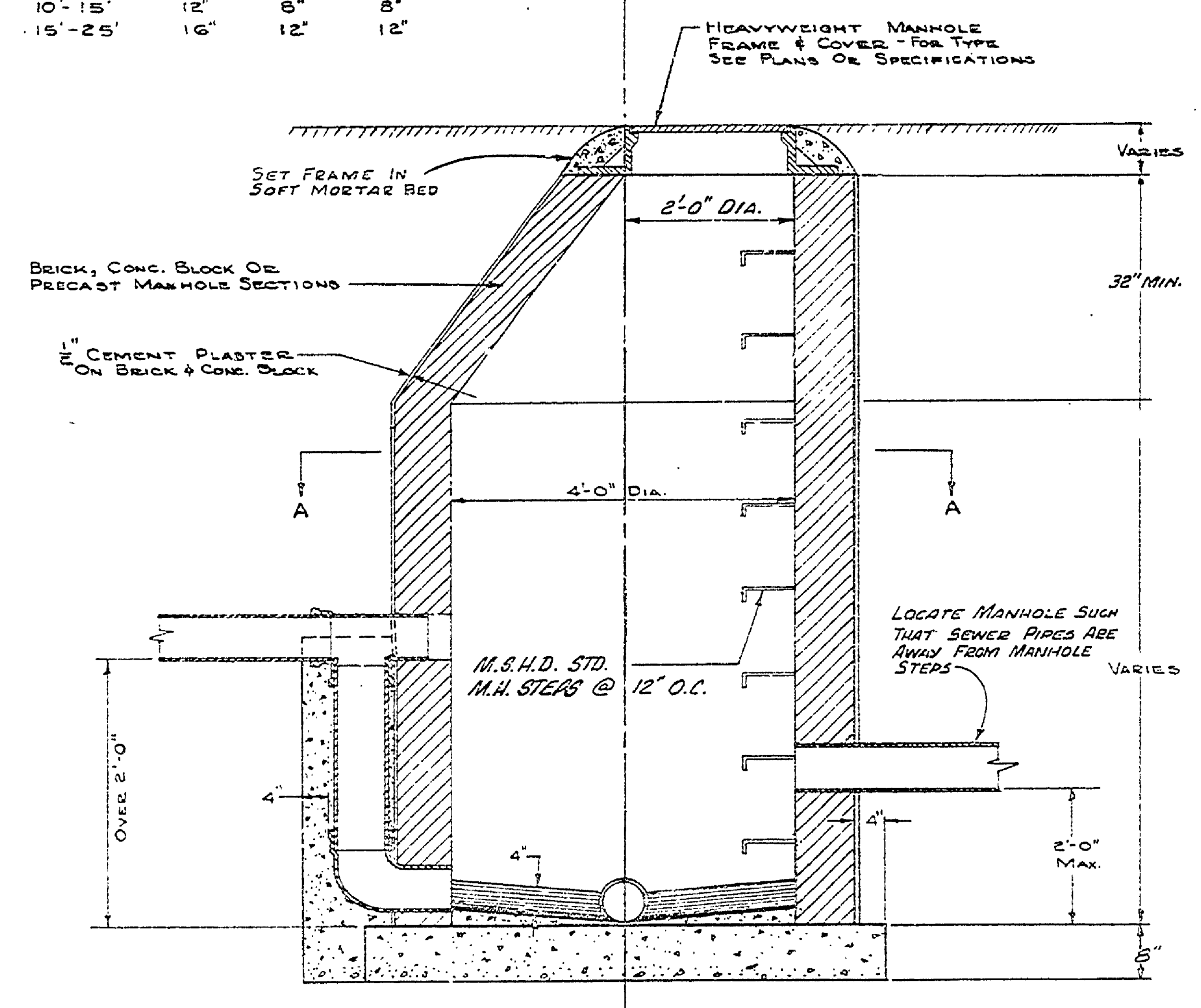
STANDARD CONNECTION AT EXISTING MANHOLE  
SCALE 3/4" = 1'-0"

**NOTES:**  
 1) TOP STEP TO BE 1'-6" BELOW TOP OF CASTING.  
 2) CLEAR LENGTH OF STEPS SHALL BE 16" MIN.  
 3) METAL STEPS SHALL BE 3/4" DIA. STEEL ROD OR EQUIVALENT MATERIAL.



SECTION A-A

M.H. DEPTH	MIN. WALL THICKNESS		
	BRICK	CONC. BLOCK	PRECAST CONC.
0'-10"	8"	6"	6"
10'-15"	12"	8"	8"
15'-25"	16"	12"	12"



STANDARD MANHOLE (NEW CONSTRUCTION)  
SCALE 3/4" = 1'-0"

**NOTE:**  
 If Necessary Use Manhole Rings or Manhole Concrete Blocks to Bring Top of Manhole to Required Grade.

SURVEYED BY	DRAWN BY	NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	STANDARD MANHOLE	SLEEPER STATE PARK	PROJECT NO. EA-1667
DESIGNED BY	CHECKED BY	1.				3.					SHEET TITLE	AREA OR PARK	SHEET B OF 8
	DATE	2.				4.						ENTRANCE ROAD, PARKING LOTS AND UTILITIES	PLAN NO. E-124

52.52.154