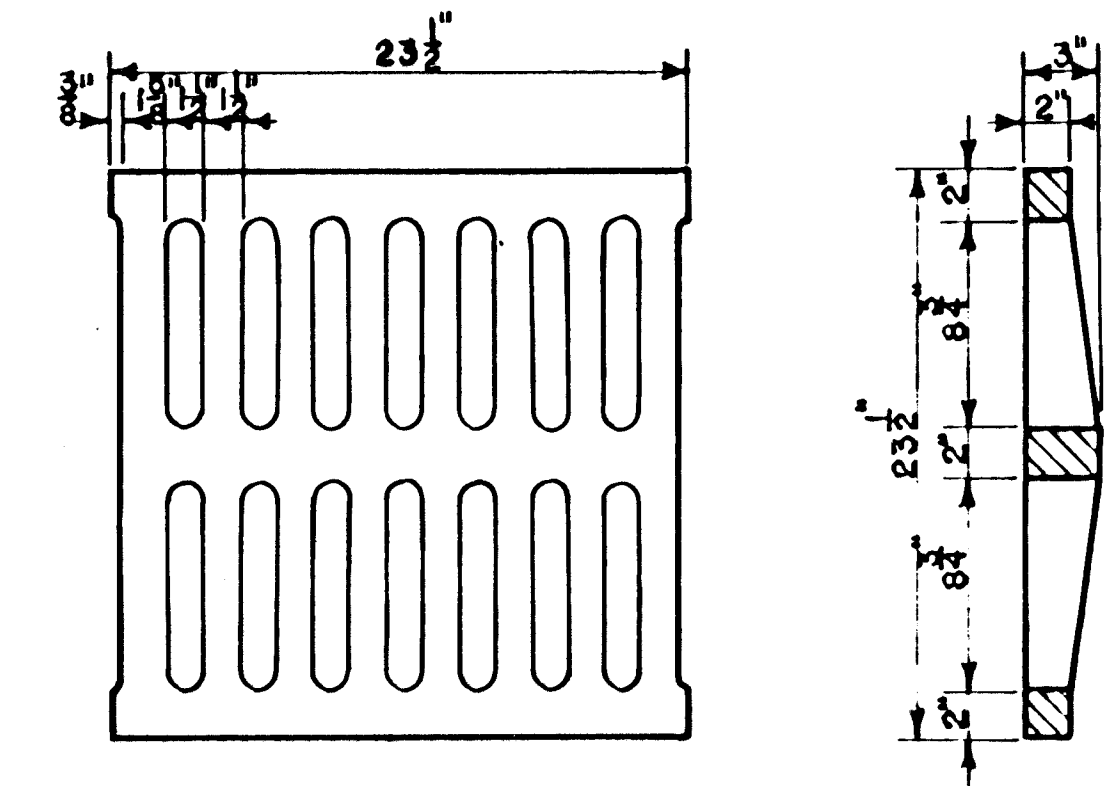
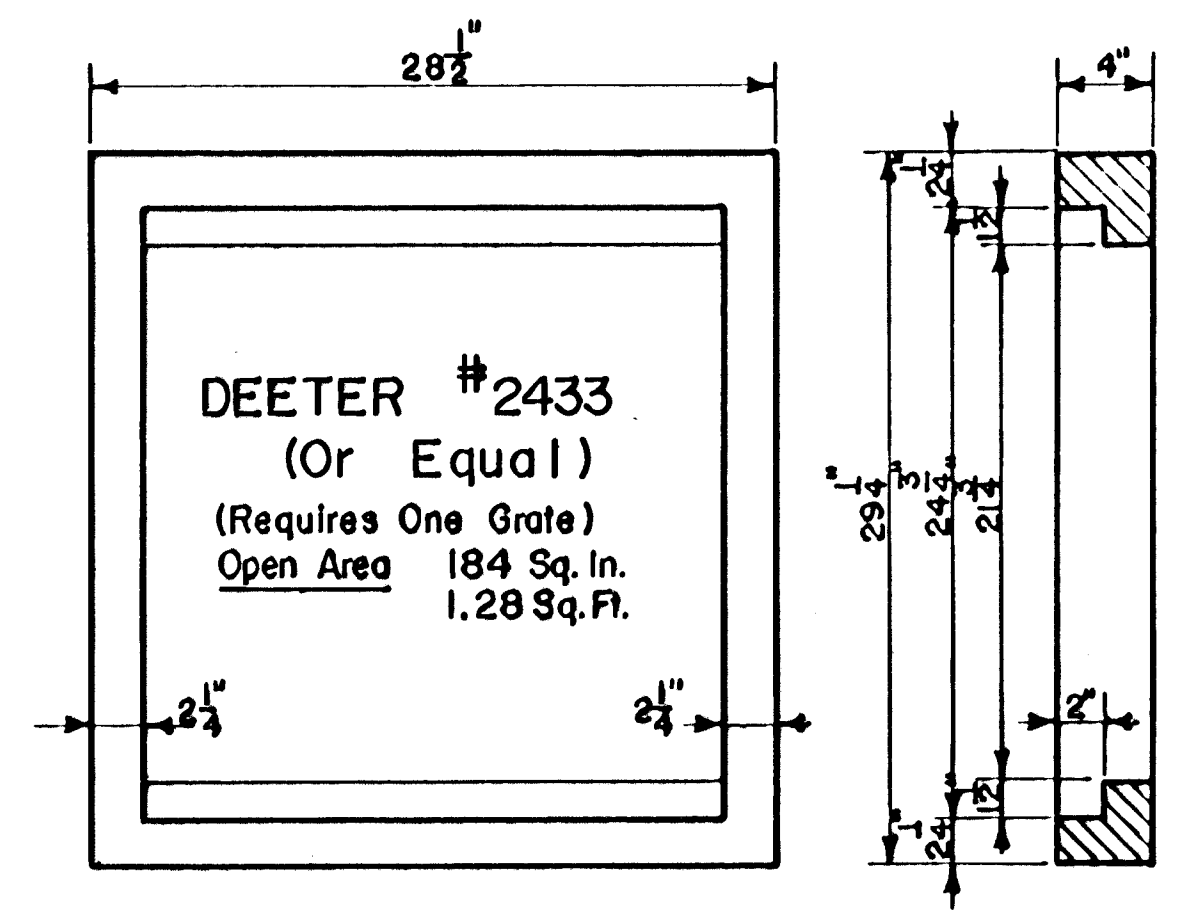
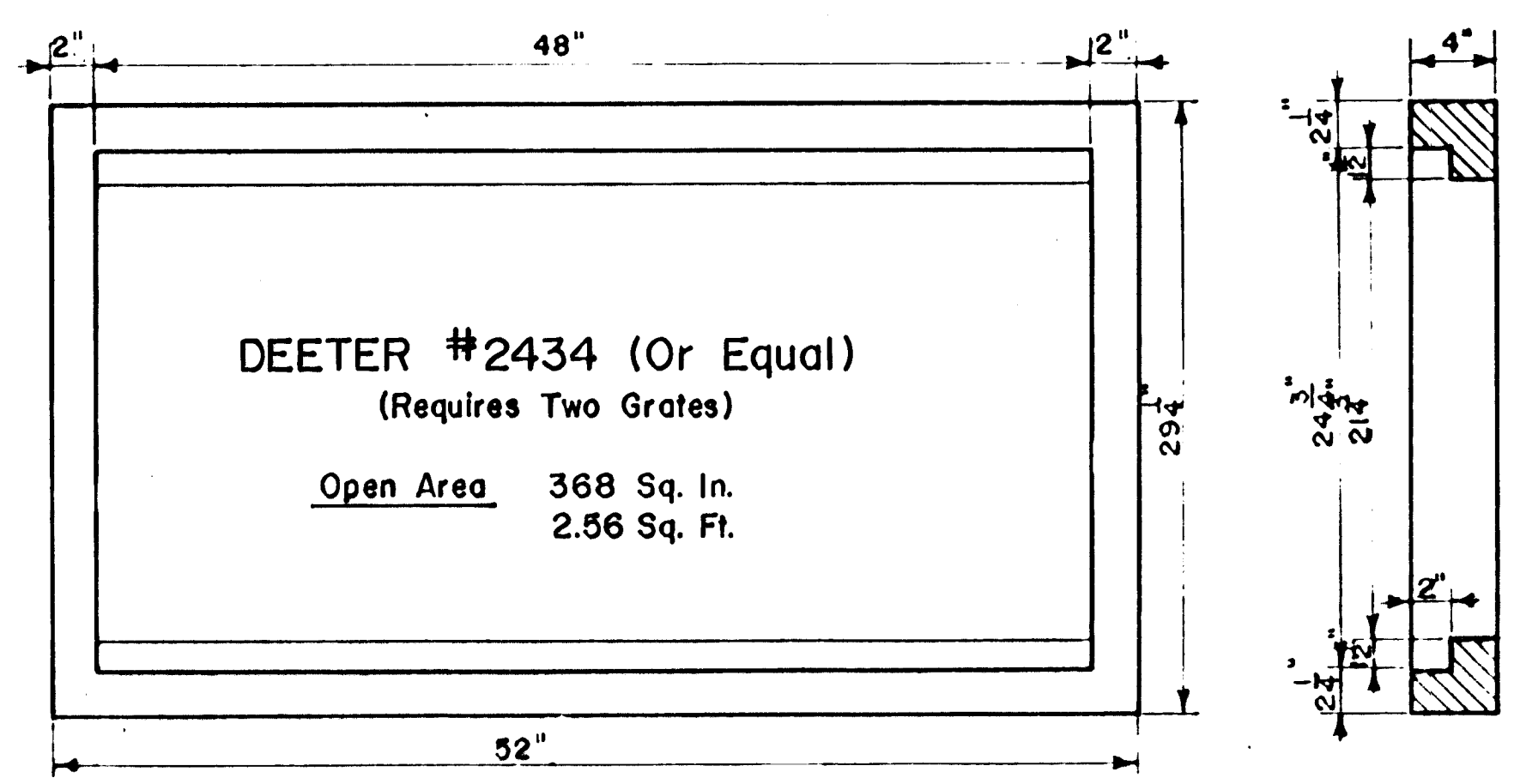


NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be used only if approved by the engineer.

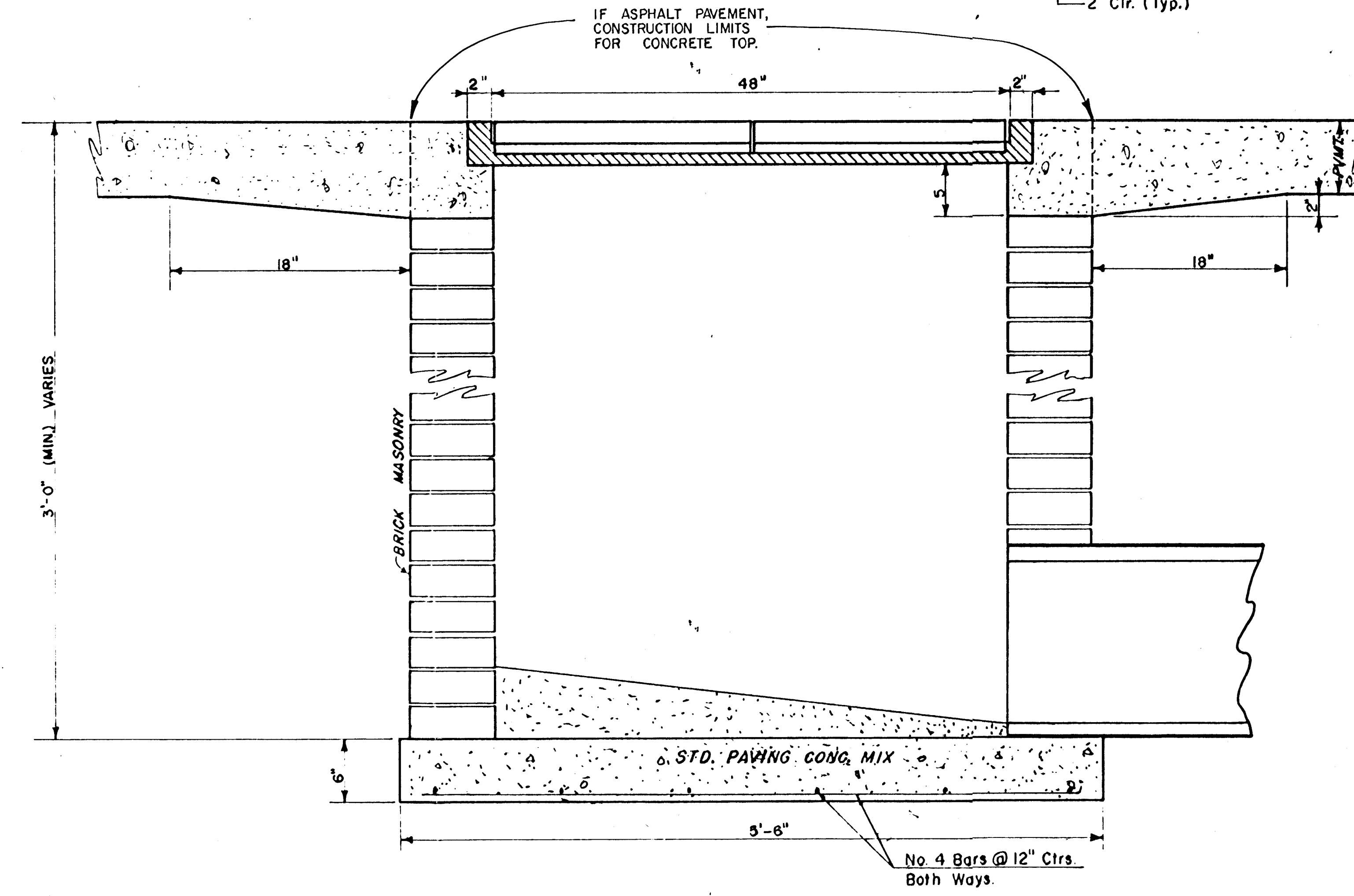
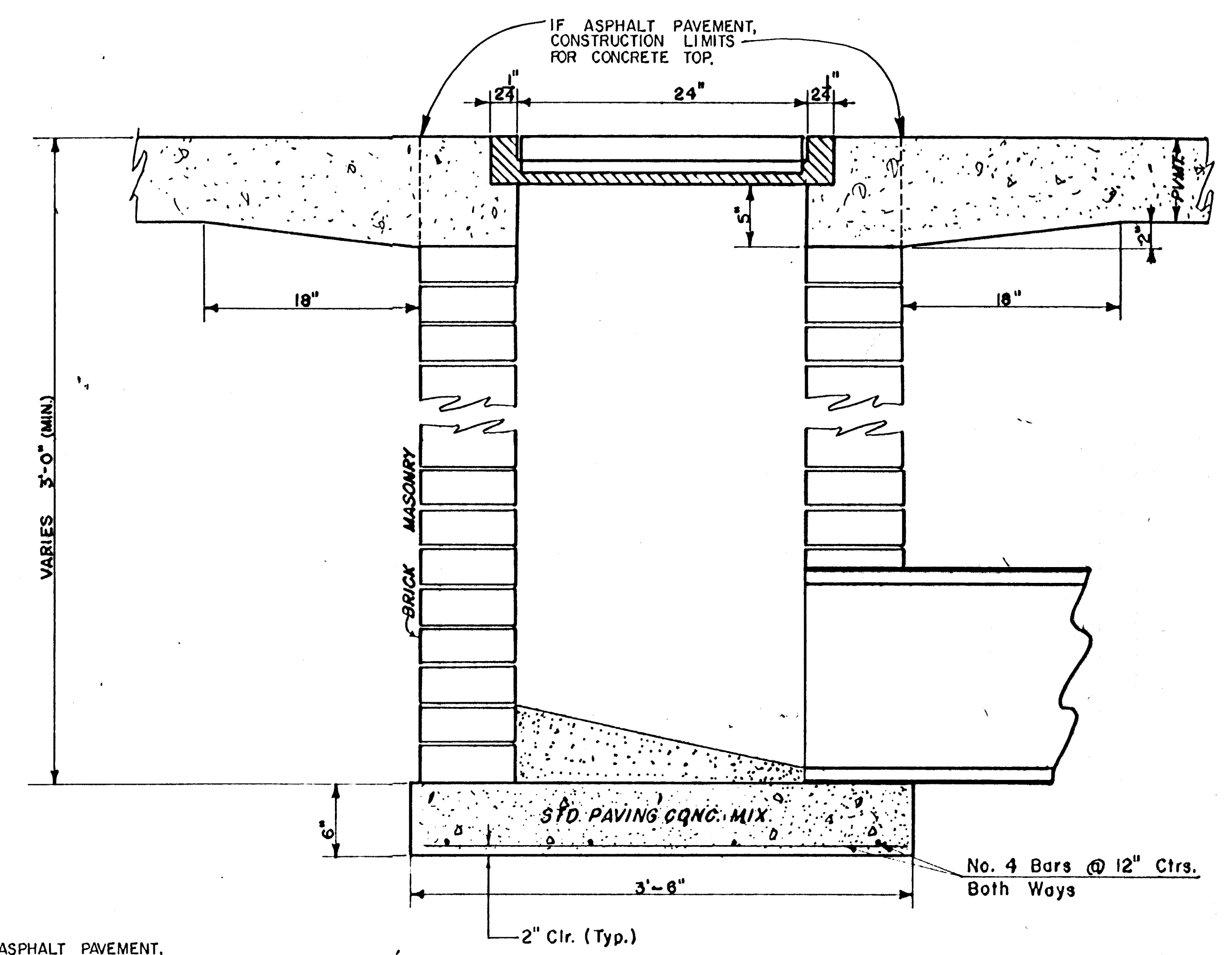
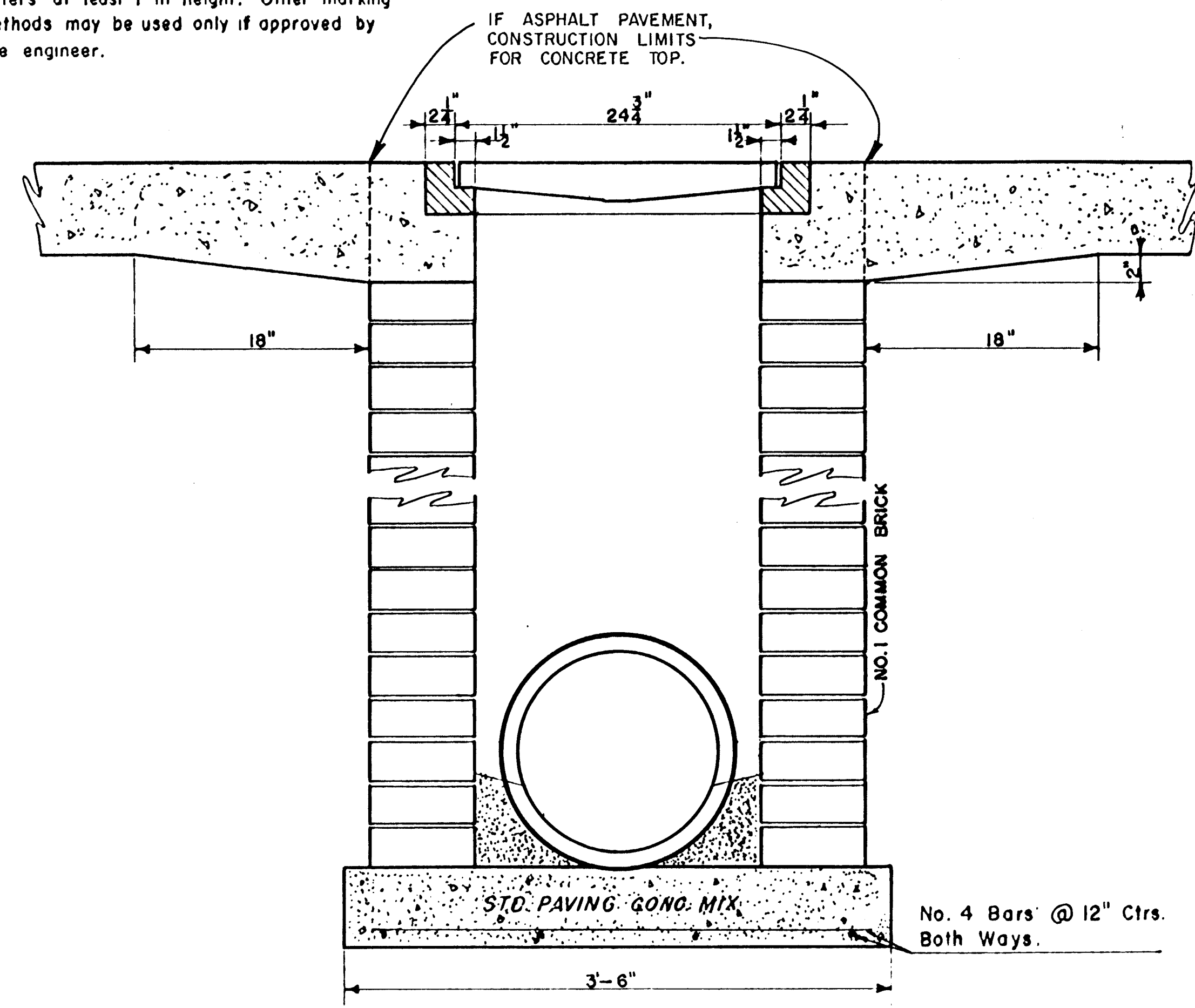


GRATE

24"x24" Frame & Grate Detail



Double 24"x24" Frame Detail



ORIFICE EQUATION		
$Q = CA \sqrt{2gh}$ $C = 0.60$		
h (Depth)	#2433 (single)	#2434 (double)
0.1	1.95 cfs	3.89 cfs
0.2	2.75 cfs	5.50 cfs
0.3	3.37 cfs	6.74 cfs
0.4	3.89 cfs	7.78 cfs
0.5	4.35 cfs	8.70 cfs
0.6	4.77 cfs	9.53 cfs
0.7	5.15 cfs	10.30 cfs
0.8	5.50 cfs	11.01 cfs
0.9	5.84 cfs	11.67 cfs
1.0	6.15 cfs	12.30 cfs

REVISED: 8 MAY 1990 JNJ

DROP INLET DETAILS

M.E. Lindebak, City Engineer
City of Wichita, Kansas

Project
Project No.

Date:
Scale: 1-1/2" = 1'-0"