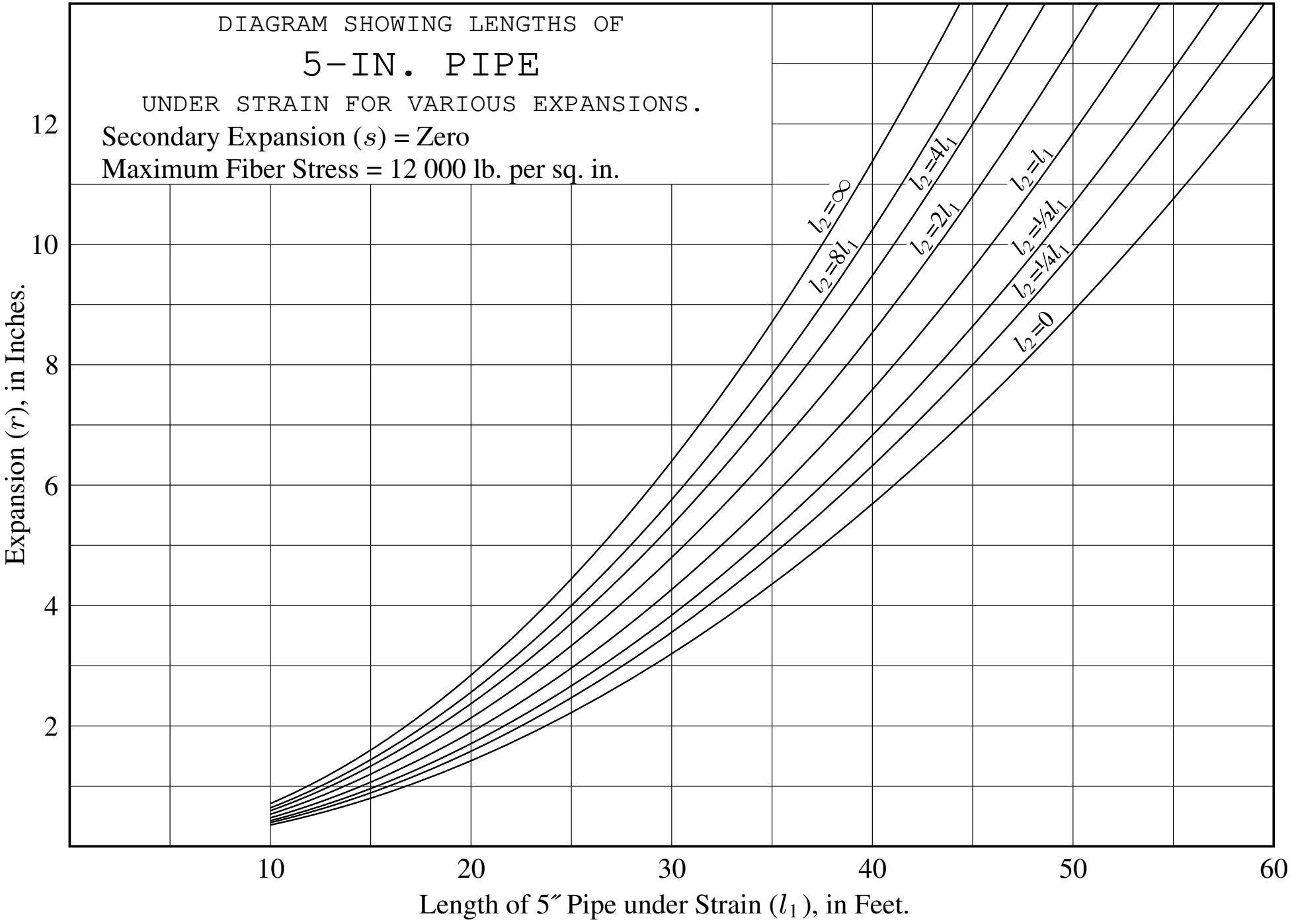
DIAGRAM SHOWING LENGTHS OF
5-IN. PIPE
UNDER STRAIN FOR VARIOUS EXPANSIONS.
Secondary Expansion (s) = Zero
Maximum Fiber Stress = 12 000 lb. per sq. in.
l2=∞
l2=8l1
l2=4l1
l2=2l1
l2=l1
l2=1/2l1
l2=1/4l1
l2=0
Expansion (r), in Inches.
2
4
6
8
10
12
10
20
30
40
50
60
Length of 5″ Pipe under Strain (l1), in Feet.