

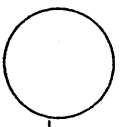
Stressing Data Sheet

Manufactured by \_\_\_\_\_  
Name Location

Calculations for \_\_\_\_\_

Computation of Theoretical Gauge  
 Pressures and Elongation for \_\_\_\_\_  
 Stressing \_\_\_\_\_ Prestressing Units

File No. \_\_\_\_\_  
 Sheet No. \_\_\_\_\_  
 Calculations by \_\_\_\_\_  
 Date \_\_\_\_\_  
 Checked by \_\_\_\_\_  
 Date \_\_\_\_\_

Strand  Position		Group I
		Group II
		Group III
Group I	Group II	Group III

1	Type of Unit			
2	Area of Steel per unit			
3	Type of Jack			
4	Area of Jack Tensioning Piston			
5	Jack Friction Coefficient			
6	Stresses from (one) (two) ends			
7	Length of Cable (out to out of anchorage)			
8	Length from anchorage to marks			
9	Total Stressing Length			
10	Cable Friction Coefficient			
11	Required Final Stress			
12	Losses after Stressing: a. Shrinkage of Concrete b. Creep of Concrete c. Creep of Steel			
13	Required Average Initial Stress at Section investigated after stressing is completed			
14	Losses during Stressing: a. Elastic Shortening b. Anchorage Set			
15	Required Initial Jacking Stress at Section investigated.			
16	Anticipated Initial Stress at Jack			
17	Anticipated Gauge Pressure			
18	Maximum Permissible Gauge Pressure			
19	Elongation - 500 p.s.i. Pressure to Final Pressure			
20	Recommended Plugging Pressure			

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