


<p>MANUFACTURED BY</p> <hr/> <p>CALCULATIONS FOR</p> <hr/>	<p>File No. _____</p> <p>Sheet No. _____</p> <p>Calculations by: _____</p> <p>Date: _____</p> <p>Checked By: _____</p> <p>Date: _____</p>
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Strand 	COMPUTATION OF THEORETICAL GAUGE Pressures and Elongations for			
	Position Stressing - - - - - Prestressing Units	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 anchorages)			
8	Length from anchorage 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	<input type="text"/>	<input type="text"/>	<input type="text"/>
18	Maximum Permissible Gauge Pressure	<input type="text"/>	<input type="text"/>	<input type="text"/>
19	Elongation - 500 psi Pressure to Final Pressure	<input type="text"/>	<input type="text"/>	<input type="text"/>
20	Recommended Plugging Pressure			