Geise Engineering Inc. Slope Calculations Instructions

Step 1. Look for an area on the ski slope that is closest to the following table.

|  | Sag of Rope at Mid-Point |  |
| :---: | :---: | :---: |
| Length of Lift | IdealSag | Acceptable Sag |
| 200 ft | $3 / 4 \mathrm{ft}$ | $1 / 2$ to 1 ft |
| 300 | $1-1 / 2$ | $1-1 / 2$ to 2 |
| 400 | $2-3 / 4$ | $2-1 / 2$ to 3 |
| 600 | $6-1 / 4$ | $5-1 / 2$ to 7 |
| 1,000 | $11-1 / 4$ | 10 to 13 |
| 1,200 | $17-3 / 4$ | 16 to 20 |
| 200 | 26 | 23 to 29 |

Step 2. Measure from above the top station to below the bottom station in $\mathcal{B}^{\prime}$ sections.


Step 3. Send us the $x$-values written down one below the other. We will draw the


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