

I 102'-5"

90	1	90
58.5	4	234
29.5	2	59
9	4	36
0	1	0

$$12 \overline{) 419} \\ 34.92$$

$$\frac{34.92 \times 102.42}{400} = 8.94$$

A 105'-7"

45	1	45
30.375	4	121.5
15.75	2	31.5
5.5	4	22.0
0	1	0

$$12 \overline{) 220.0} \\ 19.2$$

$$\frac{19.2 \times 105.58}{400} = 5.07$$

$$\begin{array}{r} 8.94 \\ 5.07 \\ \hline 14.01 \\ 3 \\ \hline 42.03 \text{ mean Shear} \end{array}$$

$$\text{Stm } \frac{42.03}{49.96} \\ 7.93 \div 4 = +2$$

2.5  $\frac{1}{4}$ " less addition for shear  
but deck erection allowance  $\frac{1}{4}$  less



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