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Formula For Battered Wall Ties

1. Get exact height of wall (in inches)

2. Determine tie spacings to use from bottom to top.

3. Calculate distance from each tie row to top of wall.

4. Establish amount of batter in wall (thickness at bottom minus top thickness).

5. Divide amount of batter in into height of wall to get Factor.

6. Divide distance from tie row to top of wall by Factor.

7. Add constant figure (thickness of wall at top)

8. Repeat steps 6 and 7 for each tie row.

9. Change fraction into nearest 1/8".

Decimal Equivalents

1/16	=	.0625
1/8	=	.125
3/16	=	.1875
1/4	=	.25
5/16	=	.3125
3/8	=	.375
7/16	=	.4375
1/2	=	.5
9/16	=	.5625
5/8	=	.625
11/16	=	.6875
3/4	=	.75
13/16	=	.8125
7/8	=	.875
15/16	=	.9375

$$\frac{\text{How}}{\text{Batter}} = \text{Factor}$$

$$\frac{112}{8} = 14$$

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285

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