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LOG SIDING

Siding Calculation Worksheet

Date: _____

Store: _____ **Phone:** _____
Rep: _____ **Customer:** _____

Profile	2x8 Sample	_____
Square Footage Requirement	928 sq ft	_____ sq ft
Conversion Factor Divider (divide square footage by conversion factor to obtain wall lineal footage)	.54	_____
Lineal Footage Walls	1719 ln ft	_____ ln ft
Lineal Footage Gables	312 ln ft	_____ ln ft
	Subtotal	_____
Deductions		
Windows/Doors	(317) ln ft	(_____) ln ft
Deductions Tails if applicable	(180) ln ft	(_____) ln ft
	Subtotal	_____
Waste Factor Add 5% (10% for 4-1/2x9)	77 ln ft	_____ ln ft
Total Lineal Footage Required	1612 ln ft	_____ ln ft
Full Corner Tails Required – if applicable	60 Tails	_____Tails

V-notch Corners	8'_____qty	10' _____qty	12'_____qty
Window & Door Trim	8'_____qty	12 '_____qty	16'_____qty
Inside Corners	8'_____qty	10'_____qty	12'_____qty
J-Blocks		Outlet_____qty	Fixture_____qty

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Estimating Siding

Profile	1x8 T&G Carsiding	2x6 Log Siding	2x8 Log Siding	3x8 Log Siding	2.5x10 Log Siding
Coverage	6.875"	4.625"	6.5"	7'	8"
Conversion Factor	0.57	0.38	0.54	0.58	0.66
Lineal Feet Per 100 Sq Ft	176	263	186	174	152
Lengths	8'-16' Even	8', 12', 16'	8', 12', 16'	8', 12', 16'	8', 12', 16'
Corners	N/A	N/A	5' Tail Pc.	8' Tail Pc.	8' Tail Pc.
Avg Tail Coverage	N/A	N/A	3'	6'	6'

Profile	4.5x9 Log Siding	3x10 Log Siding	2x8 T&G Timber Siding	3.5x9 T&G Timber Siding	2x10 T&G Timber Siding
Coverage	8"	8.5"	6.625"	8"	8.625"
Conversion Factor	0.66	0.7	0.54	0.66	0.7
Lineal Feet Per 100 Sq Ft	152	144	182	152	142
Lengths	8'-16' Even	8', 12', 16'	8', 12', 16'	8', 12', 16'	8', 12', 16'
Corners	10' Tail Pc.	8' Tail Pc.	N/A	8' Tail Pc.	N/A
Avg Tail Coverage	8'	6'	N/A	7'	N/A

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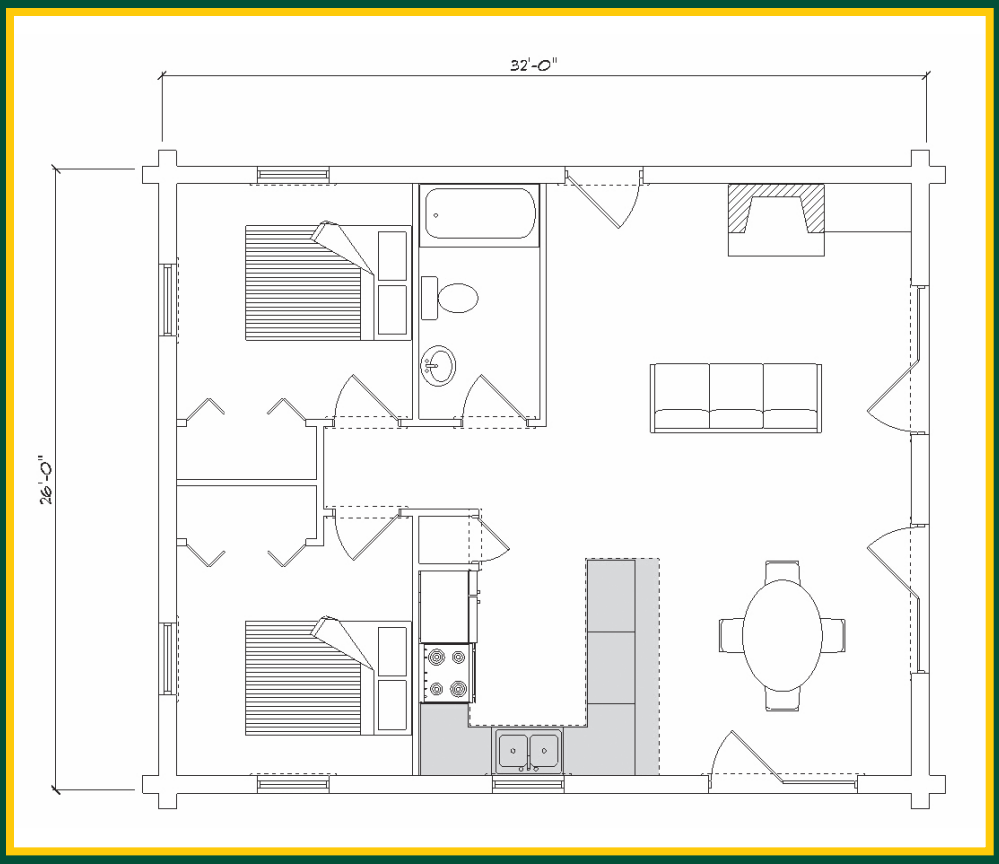
Estimating Your Project

26’-0” x 32’-0”
8’ Wall Height
6/12 Roof Pitch
Over 26’



Proposed Plan

Step 1: Estimating side wall square footage
Step 2: Converting square footage to lineal footage
Step 3: Estimating gable end lineal footage
Step 4: Estimating full tail corner requirements
Step 5: Deductions for doors/windows, full tail corner coverage

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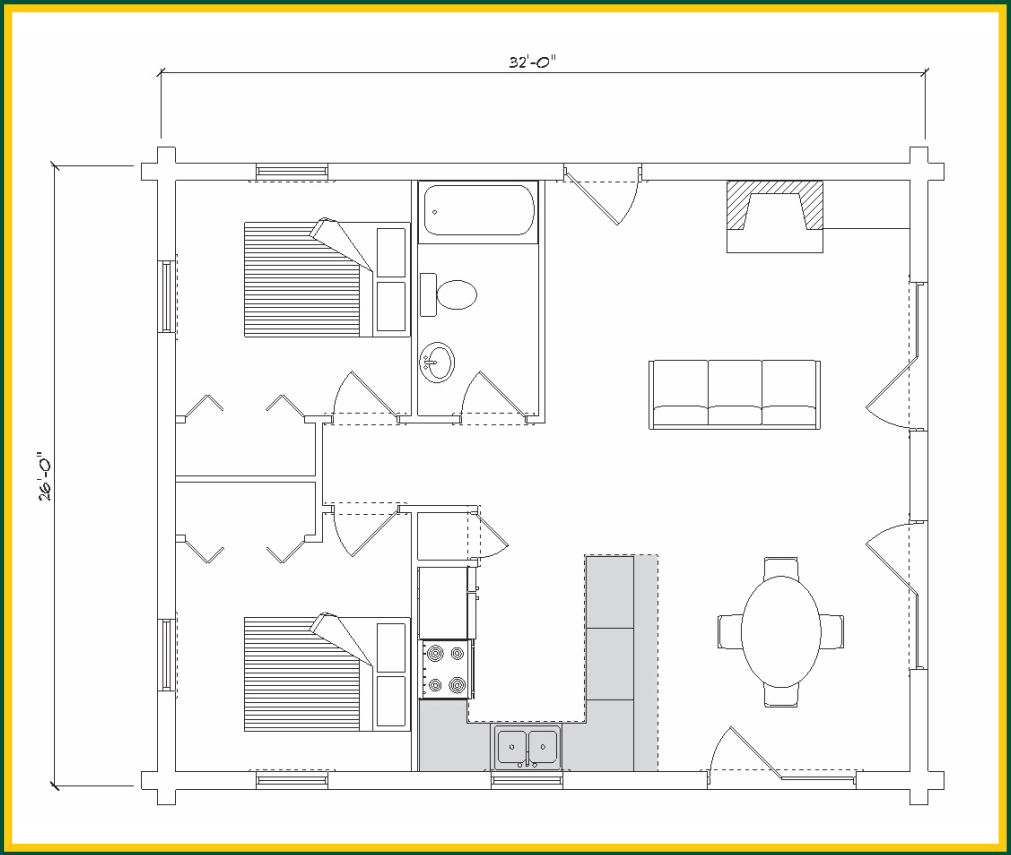
Estimating Side Wall Square Footage

26’-0” x 32’-0”
8’ Wall Height
6/12 Roof Pitch
Over 26’



Proposed Plan

Step 1

Side wall square footage

Add Wall Lengths:	32’ + 32’ + 26’ + 26’ = 116’	Total Wall Length
Multiply by Wall Height:	X 8’	Wall Height
	928	Total Sq. Ft.

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Converting to Lineal Footage

Profile	2x8
Square Foot Requirement	928 Sq Ft
Conversion* Factor	.54
Lineal Foot Requirement	1719 lf

Step 2

Converting Square Footage to Lineal Footage

Divide the calculated total square footage by the appropriate conversion factor to determine the total lineal footage requirement for your project.

* Represents the number of square feet per lineal foot

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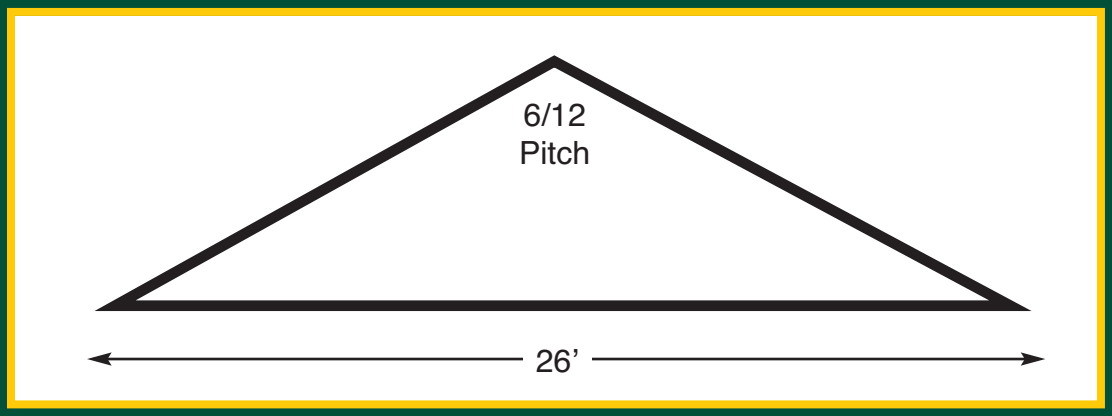
Estimating Gable End Lineal Footage



Proposed Plan

Step 3

Estimating Gable End Lineal Footage

- Determine the wall length of the gable end and divide by two
- Multiply 1/2 the wall length times the roof pitch height
- Divide the sum by the appropriate siding coverage
- For one gable end multiply this sum times 1/2 the wall length
- For both gable ends multiply this sum times the full wall length

EXAMPLE:

13
x 6
78
÷ 6.5
12
x 26
312 Ln. Ft.
(Total Lineal Footage for both gable ends)

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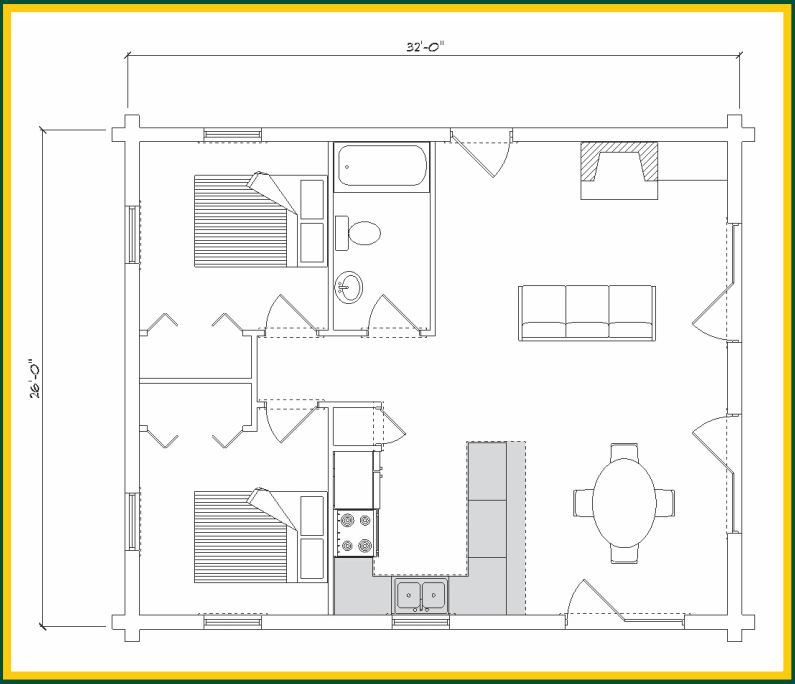
Estimating Full Tail Corners

26’-0” x 32’-0”
8’ Wall Height
6/12 Roof Pitch
Over 26’



Proposed Plan

Step 4

Estimating Full Tail Corner Requirements

- Measure the total vertical height of all corners
- Divide the total vertical height by the conversion factor to obtain the total number of corner tail pieces required (round to next even number)
- Divide this total evenly between right and left hand corner tails
- Double the number of tails needed if using 4 1/2 x 9 half log siding with Saddle Notch corners or 3 1/2 x 9 with Dovetail corners.

EXAMPLE:
4 Corners
x 8’ Height
= 32’ Total
/ .54 Conver.
= 59.3 Tails
60 Tails
30 Right Hand
30 Left Hand

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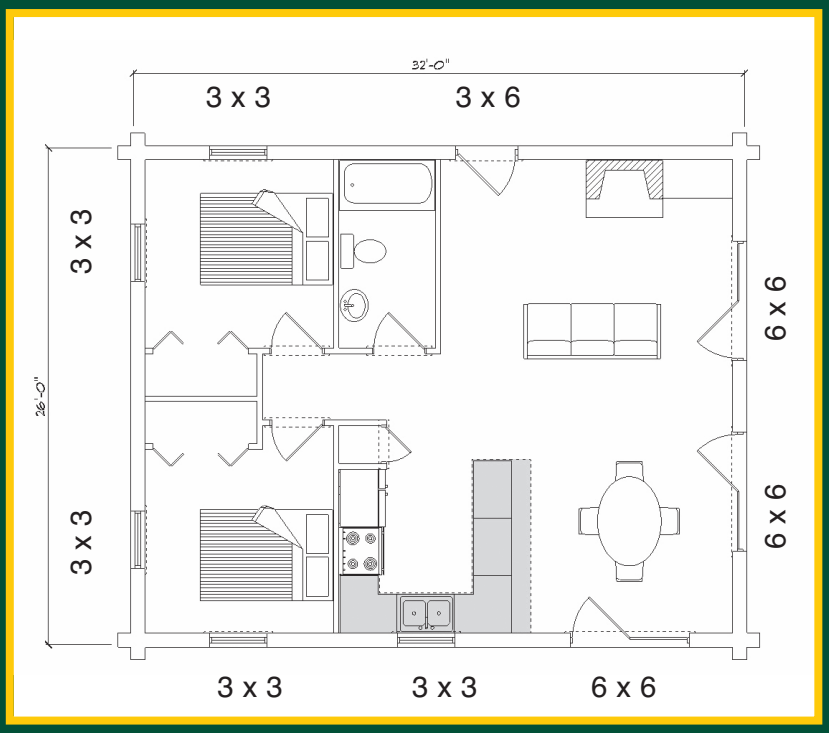
Estimating Deductions

26′-0″ x 32′-0″
8′ Wall Height
6/12 Roof Pitch
Over 26′

Step 5

Estimating Deductions for Doors/Windows and Full Tail Corner Coverage



Proposed Plan

Doors/Windows Square Footage

9 + 9 + 9 + 9 + 9 + 18 + 36 + 36 + 36 = 171 Square Feet
/ .54 (Divide by Conversion Factor)
317 Total Ln. Ft. Doors/Windows

Full Tail Corner Coverage

- Multiply the total number of tails times the average tail coverage
- Subtract this total from the overall lineal footage requirement

60 Tails x 3′ Avg. Tail Coverage = 180 Lineal Feet of Wall Coverage