Ranch Component Measurements

Component	Length	Width	Area	Material	Insulation
1st floor Ceiling	40 ft	30 ft		2x6x16 O.C.	6" Batts-Fair
Slab Floor	40 ft	30 ft		Concrete	none
Walls	140 ft	8 ft	Gross	2x4x16 O.C.	None
- Window & Door Area					
Net Wall Area					

Windows

Length	Width	#	Area	Description
3 ft	5 ft	6		Single Pane Windows with Storms (R-1.8)
8 ft	5 ft	2		Single Pane Windows with Storms (R-1.8)
2 ft	3 ft	1		Single Pane Windows with Storms (R-1.8)
Total Window Area				

Doors

Length	Width	#	Area	Description
7 ft	3 ft	2		Solid wood doors with storm

Perimeter is the length around an object. For a Home add all the exterior sides together

Gross wall area is the total wall area. Find it by multiplying the Perimeter by the ceiling height

Net wall area is the total area that is actually walls. Find it by subtracting out any components that are different then the wall assemblies, typically this is the windows and doors in most homes.

Sample Ranch Volume

Length	Width	Height	Total Volume

Volume = Length x Width x Height