TWO-TAPE LAYOUT METHOD

Side tape measures here or here
Building outline
Diagonal tape measures here

24'

46' 7 1/4"

40'

90'

8x8 posts*

8x10 beam* (solid or four 2x10)

2x top plate over beam joints boosts strength

8-foot post space for enclosed walls

2x4 battens for anchoring wood or metal siding

roof truss

sliding door on track

metal tie

RAFTER ANCHOR DETAIL

compacted fill or concrete

rebar through pole, anchored in concrete poured on top of footing

pole

18"-24" diameter concrete footing* on well-drained, consolidated soil

FOUNDATION DETAIL

NOTCHED POST/BEAM DETAIL

PLATE POST/BEAM DETAIL

*Note: Safe sizes for posts, beams, footings and truss design varies with soil type and snow/wind load in different regions. Always double-check your local building code before construction.