

Hansen Pole Buildings Planning Guide

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While we strive to earn your business, whether you purchase from us or not, we would hope you would utilize this guide to prevent yourself from making costly errors, in any case.

A. Contact your Building Department.

You will need to provide:

1. _____ Your property's legal description and/or tax parcel number, which is:
2. _____ Your elevation above sea level is _____ feet.

They should provide you with answers to all of the following :

1. _____ Building Code Used:
_____ International Code - **Residential (IRC) or Building(IBC)** (circle one)
Code Edition **2006 2009 2012** (circle one)
2. _____ Your required setbacks are:
 - Street _____ feet
 - Side yard _____ feet
 - Rear _____ feet
 - From existing structures _____ feet
 - From septic tanks/drainfields _____ feet
3. _____ Design GROUND snow load _____ psf (IRC or IBC only).
_____ In snow country only – snow exposure factor (Ce) _____
4. _____ Flat Roof Snow Load _____ psf (if not calculated from GROUND snow)
5. _____ Design Wind Speed _____ mph
6. _____ Wind Exposure **B C D** (circle one)
7. _____ Allowable Soil Bearing Capacity: **1000 or 1500 or 2000 or 4000**
8. _____ Seismic Zone: **UBC/CBC 0 1 2A 2B 3 4** (circle one)
or Category : **IRC/IBC A B C D-1 D-2** (circle one)
9. _____ Are wet-stamped engineer signed structural plans required? Or, do only the roof truss drawings need to be sealed?
_____ Complete calculations required with plans?
_____ Exterior finished (showing roofing & siding) elevation drawings

required?

____ Will more than two sets of plans need to be submitted?

10. ____ Verify your occupancy category.

Most buildings which are not frequently occupied by the public (not a home, business or municipal building) represent a low hazard to human life in the event of a failure and are ASCE Category I.

11. ____ In snow country - Frost Depth ____ inches.

12. ____ Any unusual code interpretations, amendments or prescriptive requirements for non-engineered buildings which could effect this building? (If YES, get a copy)

B. Determine the minimum size of your building.

1. ____ Width (span of the trusses): ____ feet wide.

2. ____ Length: ____ feet long.

3. ____ Height: ____ feet: **Eave** (height from ground to roof steel)
or **Interior Clearance** (circle one)

C. Select your building's features.

1. ____ Roof Pitch: _____

2. ____ Attached shed roofs: **yes no** How many? _____

3. ____ Reflective building insulation (minimizes/eliminates condensation)

✓ _____ Roof (ALWAYS recommended)

✓ _____ Walls

4. ____ Open Bays: **yes no**

5. ____ Roof Steel Color _____

6. ____ Wall Steel Color _____

7. ____ Trim Steel Colors: one, two or three colors are usual

8. _____ Steel Entry Doors (with painted steel jambs)
_____ 3' wide entry doors: How many? _____
_____ 4' wide entry doors: How many? _____
_____ 6' wide double entry door: How many? _____
_____ With windows? **yes no**
_____ If yes, **plain glass or 9-Lite**
_____ No pattern, raised panel or cross buck (select one)
_____ Pre-painted White, Brown or Bronze (select one)
9. _____ Sliding Doors:
What size(s) will you need? _____
10. _____ Steel Overhead Doors
✓ Color: **White Almond Sandtone Brown**
✓ Insulated: **yes no**
(We suggest circling yes if you plan to heat your building.)
✓ Electric Door Openers: **yes no**
✓ Keyed through lock: **yes no**
✓ With windows: **yes no**
11. _____ Vinyl Windows
✓ Color: **White or Almond**
✓ Fixed (won't open): **yes no**
✓ Sliding sideways: **yes no**
✓ Sliding upward (single hung): **yes no**
✓ With grids: **yes no**
✓ With vinyl shutters: **yes no**
12. _____ Eave Lights
✓ Height: **2' or 3'**
✓ Sidewalls: **one or both**
✓ **Fiberglass or PolyCarbonate**
✓ Ridge: **yes no**
13. _____ Commercial Wall Framing: allows for future insulation.
yes no
14. _____ Ventilation: **yes no**
Note: This is required with a closed attic space.
15. _____ Vinyl Gable End Vents
✓ Rectangular: How many? _____
✓ Octagonal: How many? _____
16. _____ Vented Ridge: **yes no**
17. _____ Sidewall Eave Overhang Vents: **yes no**

18. _____ Overhangs:
✓ Left side _____ Right Side _____ Size: _____
✓ Front end _____ Rear End _____ Size: _____
✓ **Closed Level Return** or **Open** (framing can be viewed from below)
19. _____ Second Floor: **yes no**
Height to top of floor? _____ feet
20. _____ Wainscot: **yes no** If yes, color: _____
21. _____ Special Truss requirements: (check all that apply)
✓ _____ Loaded to support a future ceiling
✓ _____ Provide ceiling joists for future drywall
✓ _____ Scissors trusses (vaulted bottom.....)
✓ _____ Dual slope (one side of roof steeper than other side)
✓ _____ Full hip (roof slopes in all directions)
✓ _____ Concentrated Truss Loads (supports, big game, etc.)
✓ _____ Useable Attic space
✓ _____ Gambrel (like the old barn style)

D. Budget

Jobs/Items	Allowances	Actual Costs
Excavation		\$
Building Permits		\$
Pole Building Kit (if not a kit package)		\$
Pole Building Labor (if a kit package)		\$
Windows or Doors added to basic kit		\$
Post Hole Concrete (4 sack or post mix)		\$
Gravel		\$
Pre-Mix Concrete for Slab		\$
Cement finishing Labor		\$
Electrical		\$
Plumbing & Fixtures		\$
Insulation (above what came with kit)		\$
Drywall, Taping & Texturing		\$
Heating / Air Conditioning		\$
Floor Covering		\$
Equipment Rental		\$
Other:		
Total Cost of Project:		\$

E. Shopping for a Building Contractor

Before calling a potential contractor, please do the following:

1. _____ Verify the business is registered to do business in your state.
2. _____ Verify Contractor's registration (in states where required).
3. _____ Have your builder FAX or mail you the following:
 - ✓ _____ Copy of his contractor's registration
 - ✓ _____ Certificate of liability insurance: certificate holder
 - ✓ _____ Copy of written warranty.
 - ✓ _____ Copy of three written references.
 - ✓ _____ Name and phone numbers for the following:
 - _____ Accountant _____
 - _____ Banker _____
 - _____ Lumber Supplier _____
 - _____ Roof Truss Supplier _____

- _____ Insulation Supplier _____
- _____ Steel Supplier _____

F. Features to Look for in Your New Building:

1. _____ Complete itemized material list and fully illustrated Construction Manual provided with purchase?
2. _____ Full size (24" x 36") blueprints which are specific to your building.
3. _____ Structural columns grade stamped and pressure treated to a minimum of 0.60 pounds per cubic foot (pcf) with ACQ or CCA; 0.31 pcf with CA-B.
4. _____ Skirt Boards: minimum 2x8, graded #2, or better and pressure treated to a minimum of 0.4 pcf with ACQ or CCA; 0.21 pcf with CA-B.
5. _____ Framing lumber dried to a maximum of 19% (no green lumber)
6. _____ Pre-fabricated engineered roof trusses (for clear spans)
7. _____ Interior double trusses nailed face-to-face (not blocked between)
8. _____ Interior trusses notched into bearing columns
9. _____ Interior trusses bolted to columns
10. _____ 2x6 Minimum Wall Girts and Roof Purlins (8' and greater spans)
11. _____ Joist hung roof purlins (for added interior clearance)
12. _____ Reflective roof insulation
13. _____ All painted steel trim package to include:
 - ✓ _____ Base
 - ✓ _____ Eavelight flashing
 - ✓ _____ Top of sidewall (eave)
 - ✓ _____ Overhead door jamb
 - ✓ _____ Fascia and Varge (building with overhangs)

14. _____ Steel fastened with powder coated color matched 1-1/2" screws
15. _____ Insulated factory painted entry doors with painted steel jambs
16. _____ All steel frame sliding doors
17. _____ Closed cell foam ridge closures (UV resistant)
18. _____ ACQ barrier to isolate steel trim and siding from new generation treated lumber.

G. Order Your Building

1. _____ Make sure adequate access is available to the building site:
2. _____ Obtain a building permit if required.
3. _____ After the permit has been obtained:
 - ✓ _____ Notify your builder.
 - ✓ _____ Locate and mark all underground utilities *before* excavation.
 - ✓ _____ Have any needed site excavation completed.
 - ✓ _____ Provide sufficient electricity within 100 feet of job site.

Congratulations! If you've completed this form, you've already done the hardest part – the planning. And once the planning is done, you can rest assured you've done your homework in getting just exactly the "right" building for your needs. Are there several "blanks" on your form? Call us at our toll-free number: **1-866-200-9657. We're always happy to answer any questions. Or use the Contact Page to send us an e-mail. Most questions will be answered within 48 hours. Good Luck with your new building!**

