

# Stud Frame Building Drawing Package – Order Form

To insure your building is processed correctly, please attach plan and elevation views, or a detailed hand sketch showing building dimensions and the location of all doors, windows and openings.

NOTE: To avoid delays in the drawing process, please fill out this form completely.

Engineered:  Non-Engineered:  (For Non-Engineered, please also fill out the Construction Details Page)

Client: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Client Address: \_\_\_\_\_ Email: \_\_\_\_\_

(City) \_\_\_\_\_ (State) \_\_\_\_\_ (Zip) \_\_\_\_\_

Building Owners Name: \_\_\_\_\_

Building Address: \_\_\_\_\_

(City) \_\_\_\_\_ (State) \_\_\_\_\_ (Zip) \_\_\_\_\_

(County or Permitting Agency) \_\_\_\_\_

Number of Drawing Copies for Drawing Size: 8 1/2 x 11: \_\_\_\_\_ 11 x 17: \_\_\_\_\_ 24 x 36: \_\_\_\_\_ Other: \_\_\_\_\_

**Contractor or Owner shall obtain the following information from the County / Permitting Agency:**

**Building code version:** \_\_\_\_\_ IBC (International Building Code) *or* \_\_\_\_\_ Other (state code: \_\_\_\_\_)

**Ground Snow Load:** \_\_\_\_\_ (psf) **Wind Speed:** \_\_\_\_\_ (mph) **Exposure:** \_\_\_\_\_ (B, C or D)

**Frost Depth:** \_\_\_\_\_ **Seismic Zone:** \_\_\_\_\_

**Exposure B** has terrain with buildings, forest or surface irregularities, covering at least 20 percent of the ground level area extending 1 mile or more from the site.

**Exposure C** has terrain that is flat and generally open, extending 1/2 mile or more from the site in any full quadrant.

Building Width: \_\_\_\_\_ Length: \_\_\_\_\_ Clear Height: \_\_\_\_\_ Roof Slope: \_\_\_\_\_

Roof Material & Sub-sheathing Material: \_\_\_\_\_

Exterior Siding & Sub-sheathing Material: \_\_\_\_\_

Truss Spacing: \_\_\_\_\_ in. o/c Stud Size: \_\_\_\_\_ (Desired) Stud Spacing: \_\_\_\_\_ in o.c.

Preferred Foundation Type: Traditional or Monolithic Concrete Floor: Yes or No Concrete Thickness: \_\_\_\_\_

Overhangs: Yes or No Overhang Sizes: Eave Walls Gable Walls

Man Doors (Qty, Size): \_\_\_\_\_

Doors (Qty, Size, Type): \_\_\_\_\_

Windows (Qty, Size): \_\_\_\_\_

Special Options (Ceiling, Interior Wall Finish, Attic Trusses, etc.) Attach another sheet if needed: \_\_\_\_\_

Requested By (please print name here): \_\_\_\_\_

**CLIENT SIGNATURE:** (will not proceed without signature) \_\_\_\_\_

Office Use Only- Date Received:

AEO Job No.:

Stick Frame – R0

2700 Market Street N.E.  
Salem, OR 97301

Alliance Engineering of Oregon, Inc.  
www.aeOregon.com

Phone: (503) 589-1727  
Fax: (503) 589-1728

# Non-Engineered Stud Frame Building Drawing Package

## \* Construction Details Page \*

Building size: \_\_\_\_\_ X \_\_\_\_\_ X \_\_\_\_\_ Roof Pitch: \_\_\_\_\_/12 Type: \_\_\_\_\_

Truss Spacing (please specify): \_\_\_\_\_ inches o.c.

STUDS	SIZE	GRADE	SPACING
<b>Front Eave</b> wall	2X4 2X6 2X8 Other _____	#2 #1 Species (if not D-F) _____	_____ inches o.c.
<b>Rear Eave</b> wall Same as Front	2X4 2X6 2X8 Other _____	#2 #1 Species (if not D-F) _____	_____ inches o.c.
<b>Left Gable</b> wall	2X4 2X6 2X8 Other _____	#2 #1 Species (if not D-F) _____	_____ inches o.c.
<b>Right Gable</b> wall Same as Right	2X4 2X6 2X8 Other _____	#2 #1 Species (if not D-F) _____	_____ inches o.c.

	Roof	Front Eave wall	Rear Eave wall	Left Gable wall	Right Gable wall
<b>Exterior Siding and Sub-sheathing Type</b>					
<b>Exterior Roofing and Subsheathing Type</b>					

Top Plate(s): Double or Single Bottom Plate(s): Double or Single Intermediate Plate(s): Double or Single or  
Blocking between studs: \_\_\_\_\_ location

OPENING INFORMATION	Opening Size	Header size & Grade	Hold downs (no hold downs assumed if left blank)
1			
2			
3			
4			
5			

<b>Attach studs to plates with:</b> _____ 16d or 20d nails or _____ (quantity)
<b>Attach sill plate to footing with:</b> _____ Bolts @ _____ inches o.c. (diameter)
<b>Attach trusses to top plates with:</b> _____

**Additional Requirements & Information - Attach another sheet if needed:** \_\_\_\_\_

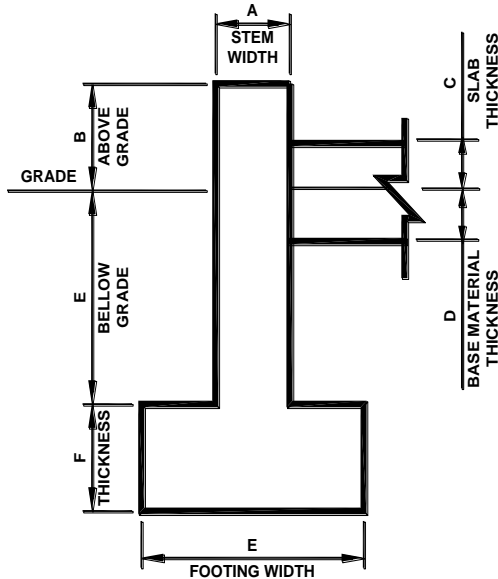
\_\_\_\_\_

\_\_\_\_\_

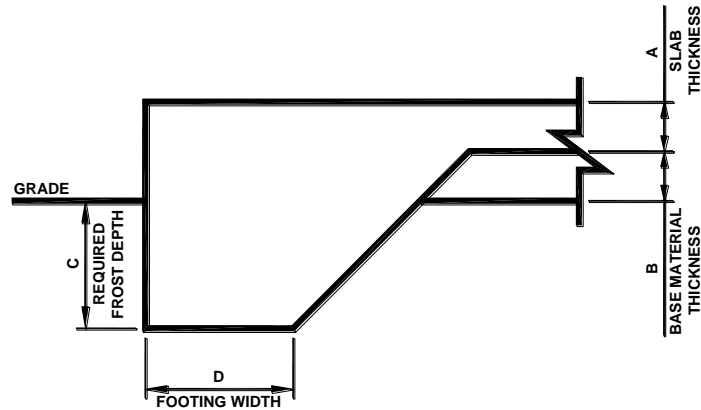
# Stud Frame Building Foundation Detail

## Foundation Type (check one)

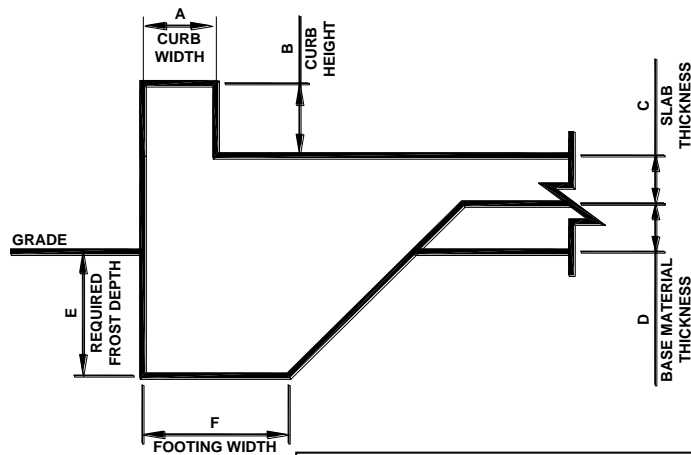
(For Non-Engineered Stud Frame Buildings-Please list the foundation dimensions, rebar size and draw in rebar locations at selected foundation type)



Traditional



Monolithic



Monolithic with Curb

Rebar Size: # \_\_\_\_\_

Foundation Locations	Dimension
A	_____ in.
B	_____ in.
C	_____ in.
D	_____ in.
E	_____ in.
F	_____ in.

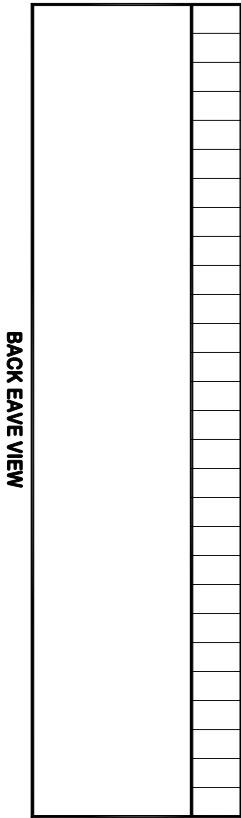
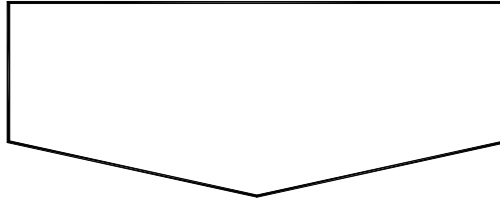
# Standard Style Building

(Please show the size and location of all doors and windows)

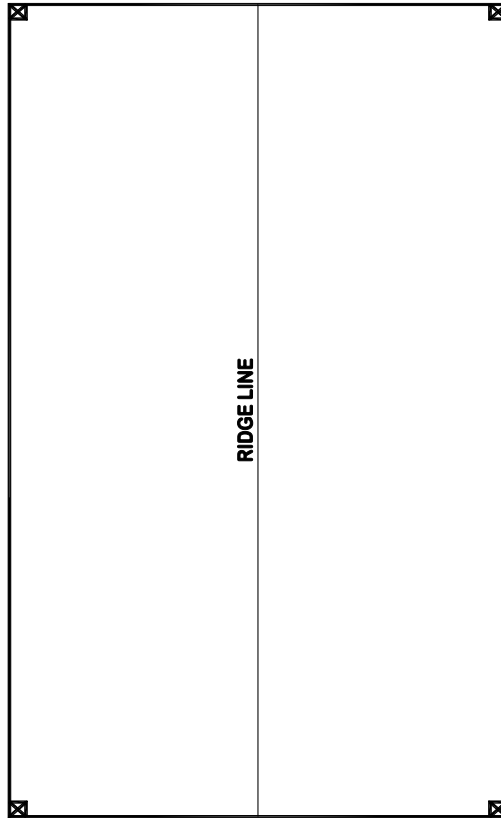
Note: This drawing is not-to-scale.

Please provide dimensions for all openings from the nearest corner to center of wall opening.

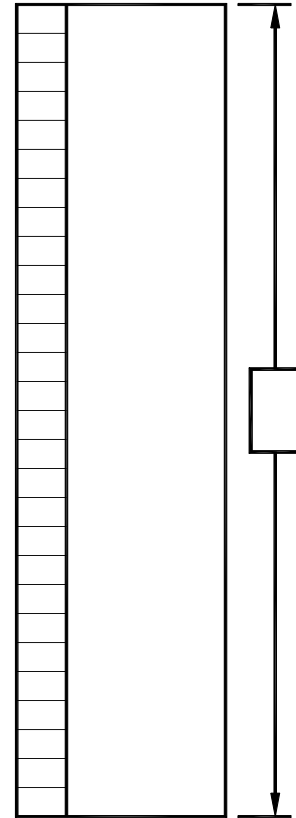
RIGHT GABLE VIEW



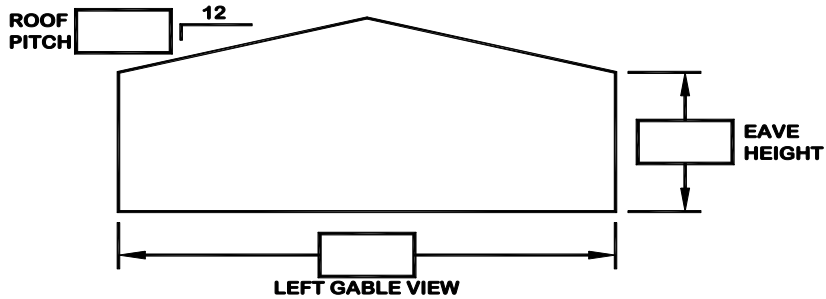
BACK EAVE VIEW



RIDGE LINE



FRONT EAVE VIEW



Note: For custom building configurations, please provide a hand sketch with all doors, windows or openings clearly shown. Provide Elevation and Plan view layouts with all walls clearly labeled.