CONSTRUCTION PACKAGE FOR COLD FORMED STEEL BUILDING CREATED FOR 40X40 CONTAINER COVER JOB NUMBER 1015380574



Part of the Cornerstone Building Brands Family

TABLE OF CONTENTS

Building Layout Plan						2
Anchor Bolt Details						3
Portal Frame Sections						4
Roof Framing Plan			5			6
Girt Layout		Λ	\			8
Sheeting Layout	57			1)	\	. 10

CONSTRUCTION PACKAGE NOTES

This construction package is to be used in conjunction with the created order for the job. All lengths and piece marks of materials in this package will correspond to an item in the order. For example, on the Sidewall A girt layout, there will likely be an item with a piece mark of SGA1. This will correspond to a line item in the order with the piece mark of SGA1. Products that do not include a piece mark will be marked with the product code.

All girt layout and sheeting layouts drawings in this construction package are exterior views, and in these illustrations, components are drawn as if viewed from the outside of the building.

All drawings in this construction package are for reference only, and are to be used to supplement the engineering drawings. If any discrepancies occur, the engineering plans will always take precedence.

IMPORTANT

IN ADDITION TO THIS DOCUMENT, YOU SHOULD ALSO HAVE THE FOLLOWING BUILDING SPECIFIC DOCUMENTS FROM YOUR BUILDING REPRESENTATIVE:

- ENGINEERING PLAN - COPY OF THE ORDER

FOR MORE INFORMATION TO HELP MAKE COLD FORMED CONSTRUCTION EASIER, PLEASE SEE THE RELOW LINKS:





INSTALLATION MANUALS http://bit.ly/ACTInstallManuals



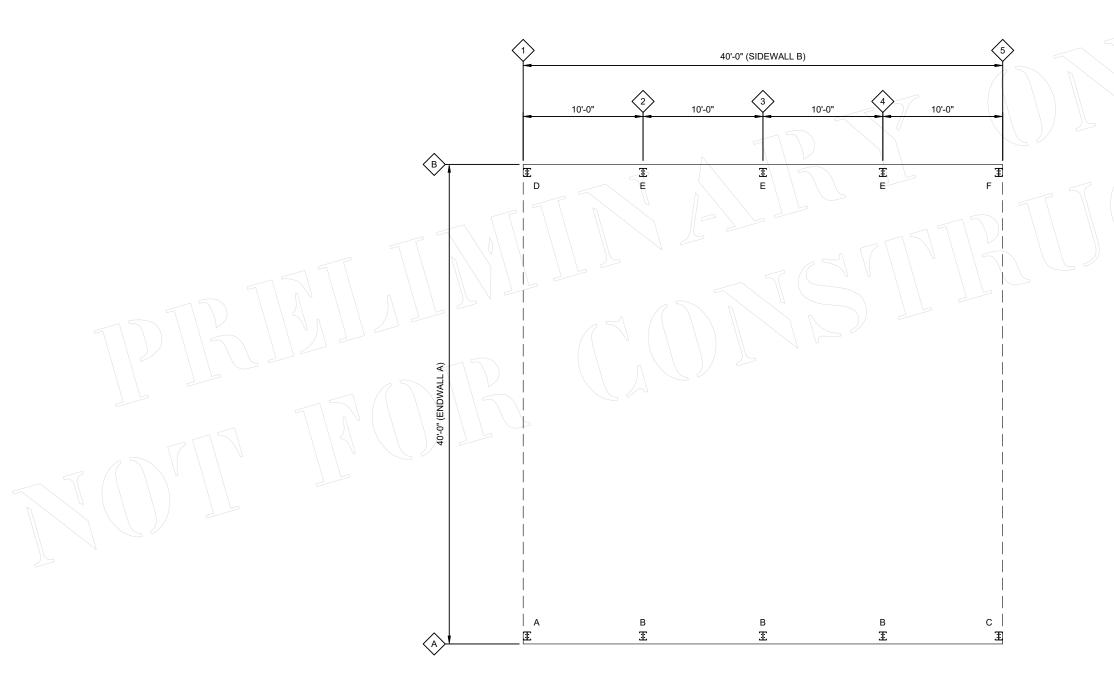


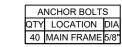
CONSTRUCTION VIDEOS http://bit.ly/ACTConstructionVids





HINTS AND TIPS http://bit.ly/ACTConstructionTips



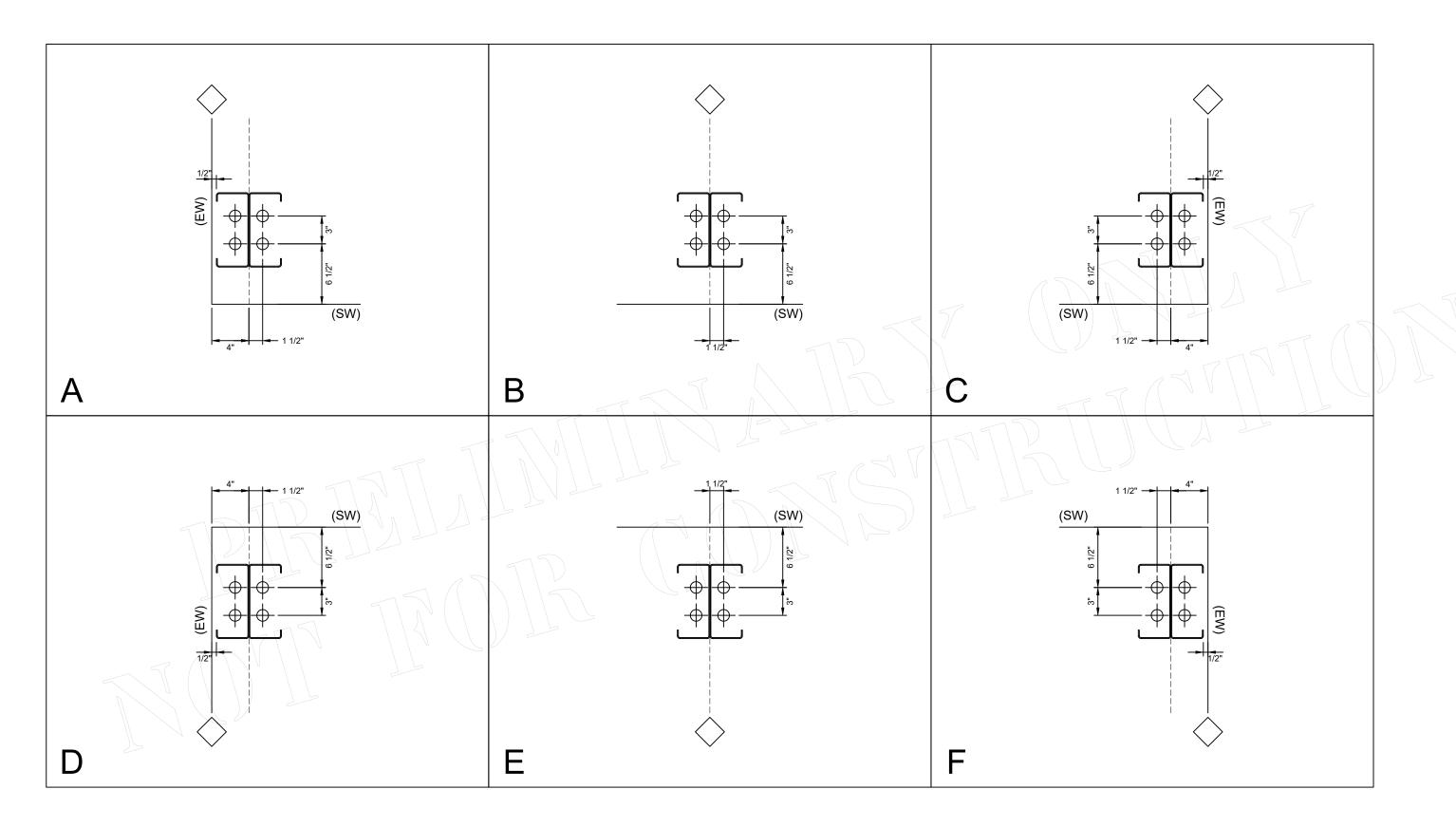


These illustrations are for reference only, and is to be used to supplement the engineering drawings. If any discrepancies occur, the engineering plans will always take precedence

Robertson"
BUILDING SYSTEMS
Part of the Cornerstone Building Brunds Family

JOBNO VNUJ1015380574 SHEET 2 of 12 DATE 8/22/2025 SCALE 1/8" = 1'-0"



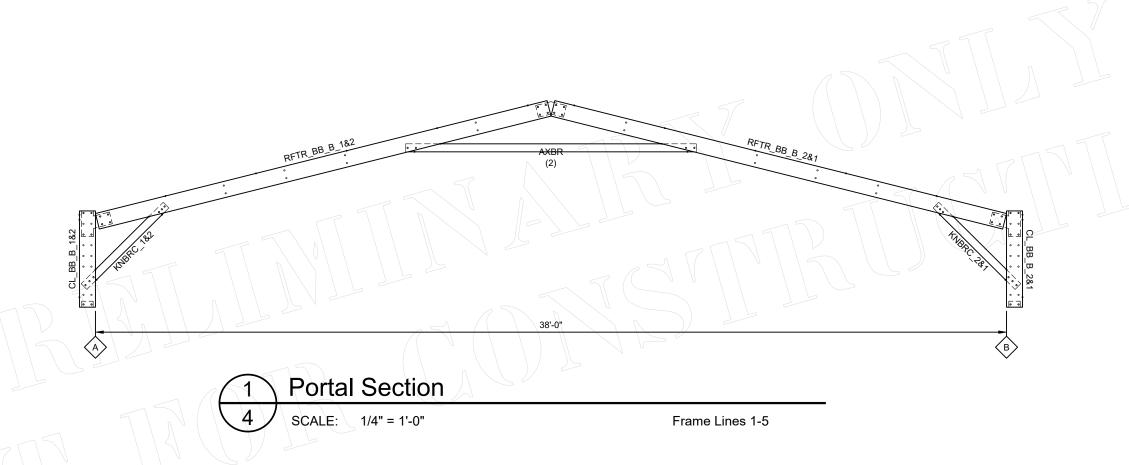


These illustrations are for reference only, and is to be used to supplement the engineering drawings. If any discrepancies occur, the engineering plans will always take precedence.



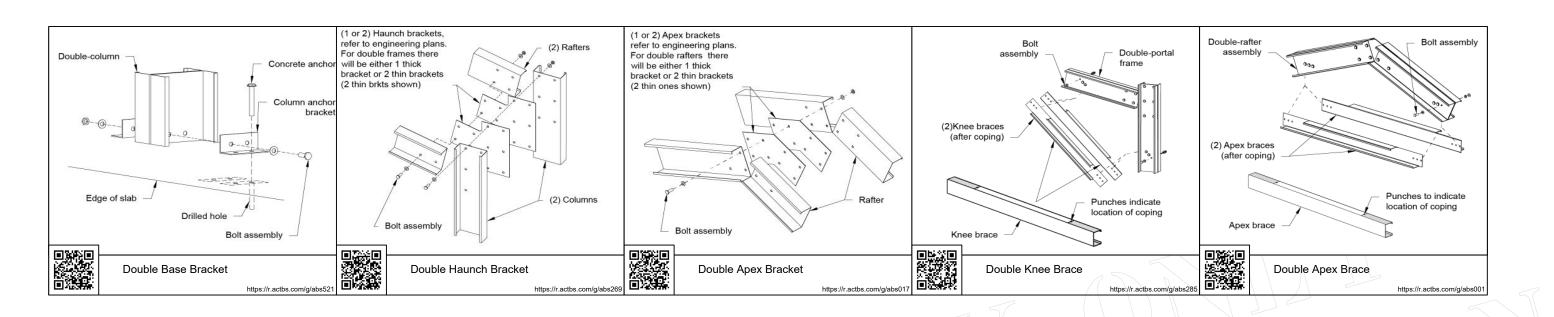


MEMBER TABLE					
Mark	Product	Length			
AXBR	4" x 14ga. CEE	12' - 1 1/2"			
	8" x 12ga. CEE				
CL_BB_B_2	8" x 12ga. CEE	4' - 0 3/16"			
KNBRC_1	4" x 14ga. CEE	4' - 9 7/8"			
KNBRC_2	4" x 14ga. CEE	4' - 9 7/8"			
RFTR_BB_B_1	8" x 12ga. CEE	19' - 5"			
RFTR_BB_B_2	8" x 12ga. CEE	19' - 5"			



These illustrations are for reference only, and is to be used to supplement the engineering drawings. If any discrepancies occur, the engineering plans will always take precedence.









SHEET 5 of 12

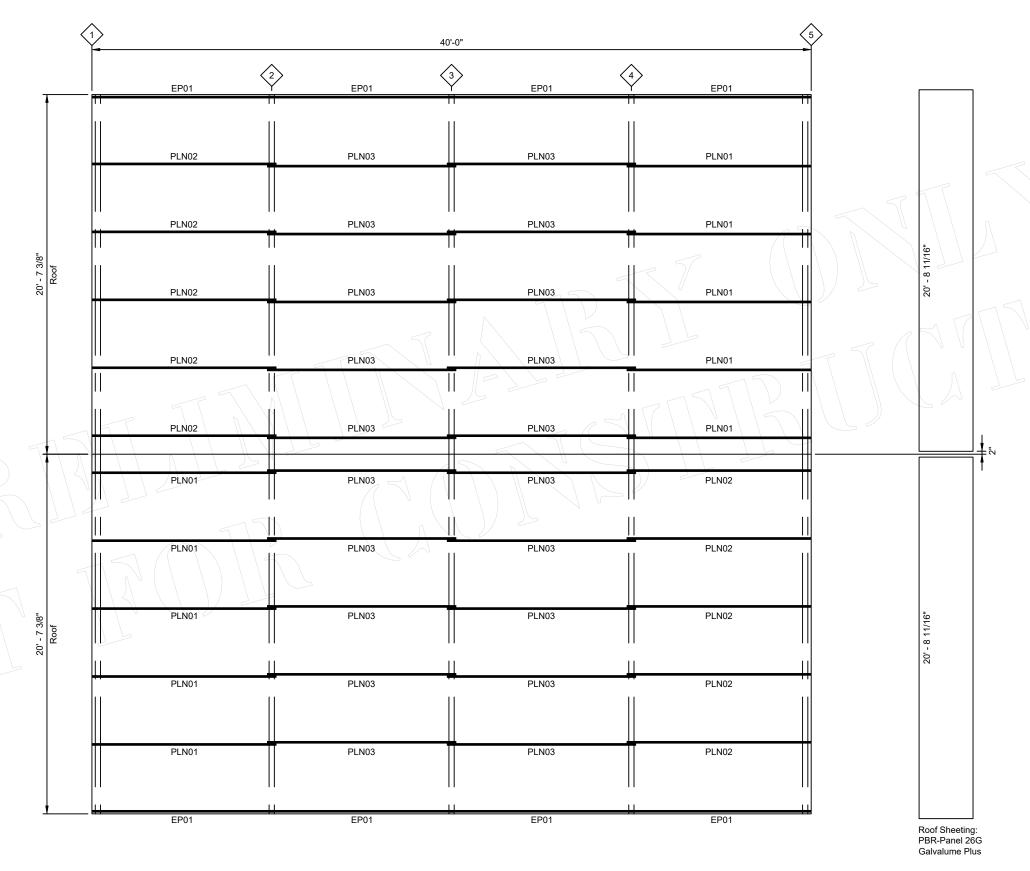
JOBNO VNUJ1015380574

DATE SCALE N/A

8/22/2025



MEMBER TABLE			
Mark	Product	Length	
EP01	6in x 3.5in 14G Eave Strut	10' - 0"	
PLN01	4" x 14ga. ZEE	10' - 3"	
PLN02	4" x 14ga. ZEE	10' - 3"	
PLN03	4" x 14ga. ZEE	10' - 6"	



These illustrations are for reference only, and is to be used to supplement the engineering drawings. If any discrepancies occur, the engineering plans will always take precedence.

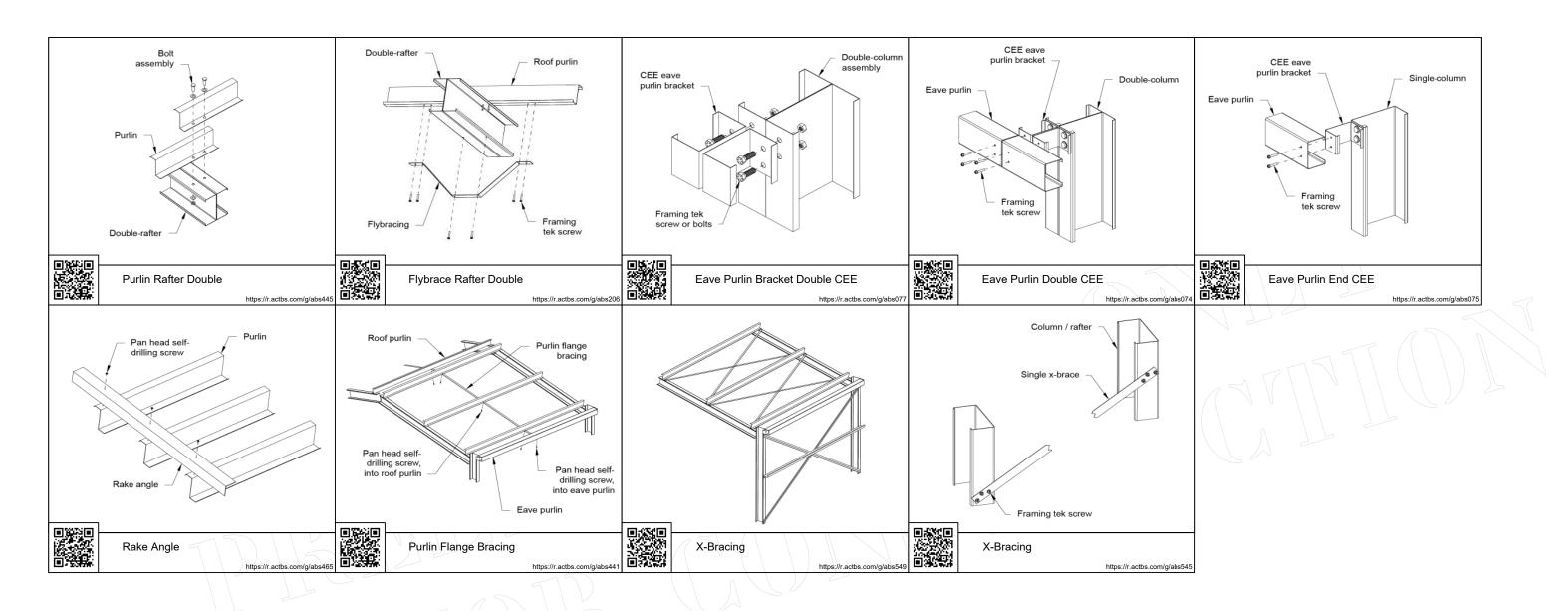


SHEET 6 of 12

JOBNO VNUJ1015380574

DATE

8/22/2025 SCALE 3/16" = 1'-0"



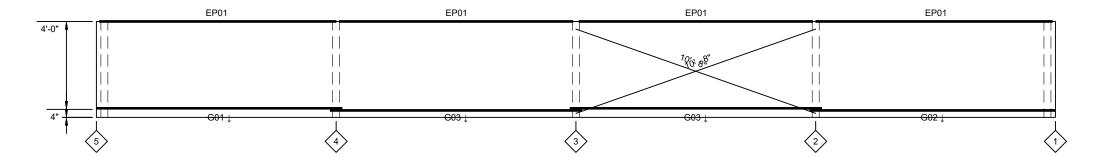


JOBNO VNUJ1015380574 SHEET 7 of 12

DATE

8/22/2025 SCALE N/A



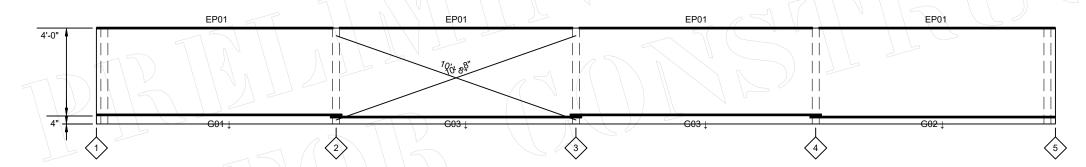


MEMBER TABLE					
Mark	Product	Length			
EP01	6in x 3.5in 14G Eave Strut	10' - 0"			
G01	4" x 16ga. ZEE	10' - 3"			
G02	4" x 16ga. ZEE	10' - 3"			
G03	4" x 16ga. ZEE	10' - 6"			
↑ OUTSIDE FLANGE OF GIRT POINTS UP					
↓ OUTSIDE FLANGE OF GIRT POINTS DOWN					

Sidewall B Girt Layout

SCALE: 1/4" = 1'-0"

Frame Line B



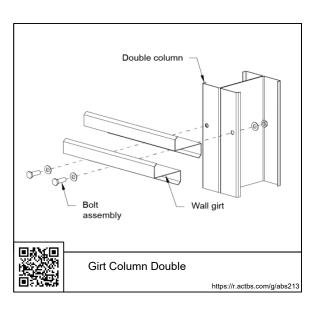
Sidewall A Girt Layout

SCALE: 1/4" = 1'-0"

Frame Line A

These illustrations are for reference only, and is to be used to supplement the engineering drawings. If any discrepancies occur, the engineering plans will always take precedence.







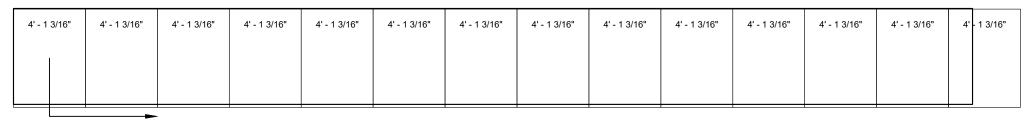


JOBNO VNUJ1015380574 SHEET 9 of 12

DATE

8/22/2025 SCALE N/A





Sheeting starts with this sheet and moves across wall

Sidewall B Sheeting Layout

SCALE: 1/4" = 1'-0"

Frame Line B

4' - 1 3/16" 4' - 1 3/16" 4' - 1 3/16" 4' - 1 3/16" 4' - 1 3/16" 4' - 1 3/16" 4' - 1 3/16" 4' - 1 3/16" 4' - 1 3/16" 4' - 1 3/16" 4' - 1 3/16" 4' - 1 3/16" 4' - 1 3/16"

> Sheeting starts with this sheet and moves across wall

Sidewall A Sheeting Layout

SCALE: 1/4" = 1'-0"

Frame Line A

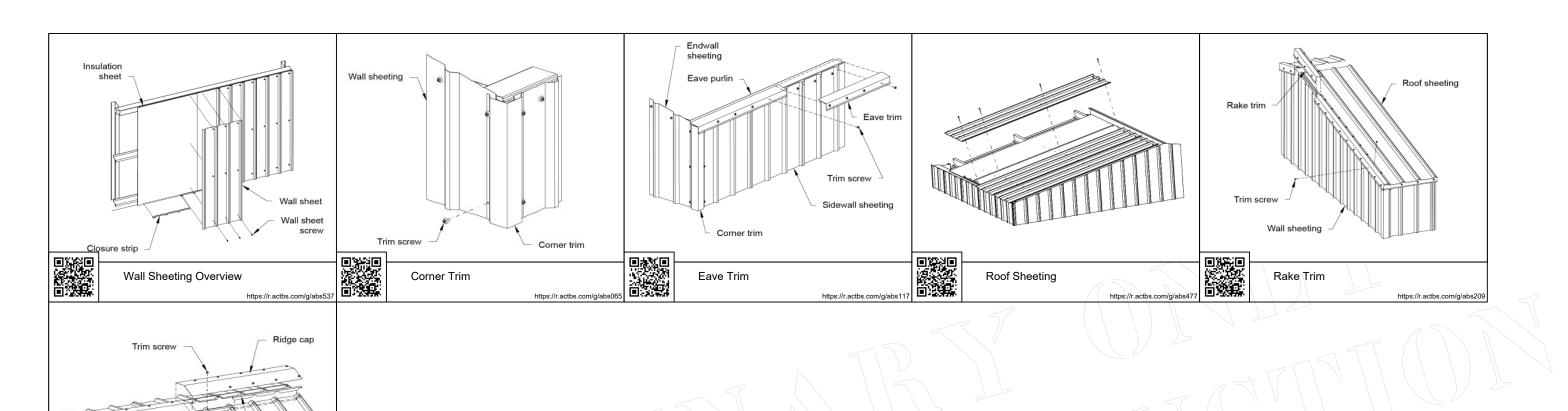
These illustrations are for reference only, and is to be used to supplement the engineering drawings. If any discrepancies occur, the engineering plans will always take precedence.

JOBNO VNUJ1015380574 SHEET 10 of 12

DATE SCALE 1/4" = 1'-0"

8/22/2025









Ridge Cap

Outside closure strip

https://r.actbs.com/g/abs4

Generic Temporary Bracing Information

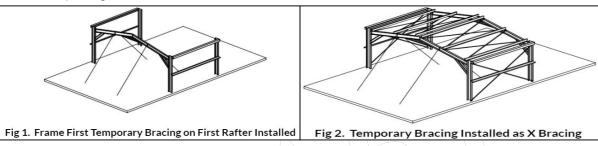
The installation of temporary bracing is critical to avoid building collapse or damaging structural movement during construction. This collapse can occur with no notice and as such the installation of appropriate temporary bracing is critical to avoid damage, injury, and possible death. Determination, procurement, and correct installation of temporary bracing is the responsibility of the builder / primary contractor / installer.

Bracing Materials

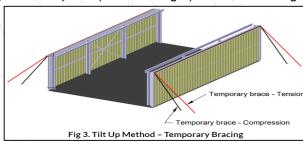
The constructor / installer is to supply suitably sized materials for temporary bracing. These materials are generally capable of tension, but in some circumstances will need to be capable of tension and compression. Load rated ratchet strapping of an appropriate size can be used to temporarily 'x-brace' bays in both directions, until the final bracing systems are fullyinstalled. This is especially critical for buildings where X Bracing is not required in the final structure due to the use of moment frames or diaphragm bracing.

Temporary Bracing Location

The location of Temporary bracing will depend on the installation method used. Installation should be completed in accordance with the Construction Package, Engineering Plans, and Instruction Manuals, If the Frame First Method (most common) is used, then the use of tension only bracing and creating temporarily braced bays as per Fig 1 and Fig 2, can be used. As a basic guide, a minimum of every 4th bay should have temporary bracing installed as per Fig 2.



If the Tilt Up Method Is used (where walls are constructed on the ground And then tilted into place), then the tops of columns are braced with a tension and compression brace in the same direction Fig 3. Then rafters and purlins can be installed with temporary bracing holding rafters in place (similar to Fig 1) until final bracing of diaphragm sheeting is installed.



Typically, braces should be positioned diagonally across the structure from the top to the bottom, intersecting near the midpoint to provide stability, optimally at a 45-degree angle but no less than a 20-degree angle. The connection strength of temporary bracing is a critical consideration and these connections must be capable of resisting the potentially substantial temporary bracing loads – whether this connection point be to the building, the foundations or to the ground. Dependent upon building size this may include heavy angles and post installed concrete anchors. The temporary bracing methods used must be capable of fully stabilising the structure during the construction process.

Additional Temporary Bracing

The temporary bracing described is a minimum requirement for a standard-sized building in average conditions. Additional consideration should be given to larger building spans and/or challenging site conditions. There may also be an increased risk in relation to partially completed buildings and exposed sites. It is recommended that extra temporary bracing is utilized if moderate wind speeds are expected on site. Additional support elements, such as steel cables may need to be introduced that can be attached to the building's framework and anchored to the ground or other stable structures to provide extra stability. The frame should remain rigid throughout and such responsibility lies with the constructor. Buildings should not be left in a partially completed state longer than necessary.

Bracing Removal

The temporary bracing should not be removed until all purlins, girts and permanent cross bracing, diaphragm bracing or moment frames where used are installed. The temporary bracing is to remain in place where possible, until the roof and wall cladding is fully installed. If you need any further information regarding the installation of temporary bracing or are at all unsure of the necessary requirements for this specific building, there are guides available through various industry bodies:

https://www.aisc.org/ https://www.metal-buildings-institute.org/ Support is also available at support@actbuildingsystems.com.

THE ABOVE INFORMATION REGARDING TEMPORARY BRACING DOES NOT FORM PART OF THE ENGINEERING CERTIFICATION FOR THIS DESIGN AND IS PROVIDED AS A GUIDE TO AID INSTALLATION ONLY.



JOBNO VNUJ1015380574 SHEET 12 of 12

DATE SCALE N/A

8/22/2025

