



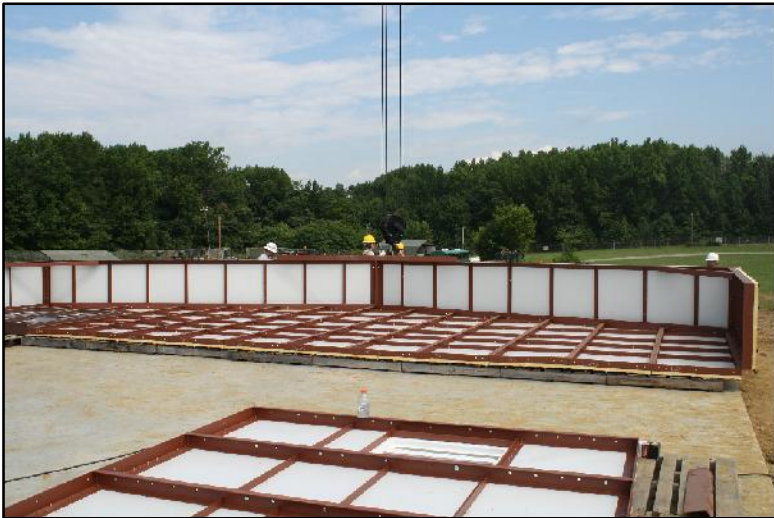
STEP #1:
LAY OUT THE GABLE END PANELS MAKING SURE THAT THE SHEETING OVERLAPS ARE NESTING PROPERLY FROM ONE PANEL TO THE NEXT. GABLE PANELS ARE BOLTED TOGETHER USING 1/2" X 1 1/2" BOLTS AT APPROXIMATELY 3'-0" O.C. IT IS BEST TO LAY THE PANELS ON WOOD DUNNAGE TO PREVENT SHEETING DAMAGE.



STEP #2:
ATTACH THE 90° CORNER AND GABLE ERECTION ANGLES TO THE SUB-ASSEMBLED ENDWALL.



STEP #3:
ATTACH THE FIRST 3'-0" OF ROOF PANELS TO THE SUB-ASSEMBLED ENDWALL PANELS BY CONNECTING THE ROOF PANELS TO THE FLAT LEG OF THE 90° GABLE ERECTION ANGLE. IT IS VERY IMPORTANT TO NOTE THAT THE OVERLAP ON THE ROOF PANELS MUST FACE DOWN OR TOWARDS THE STARTING END OF THE BUILDING. MAKE SURE THE EAVE & RIDGE ANGLES ARE ATTACHED TO THE ROOF PANELS BEFORE INSTALLING ANY SIDEWALL PANELS.



STEP #4:
ATTACH THE FIRST SIDEWALL PANELS TO THE FLAT LEG OF THE 90° CORNER ERECTION ANGLE & THE TOP OF THE PANEL TO THE EAVE ANGLE. TEMPORARILY INSTALL THE RIDGE BRACE & TWO KNEE BRACES TO ADD STABILITY TO THE SECTION BEFORE LIFTING. ATTACH THE END WALL TIPPING FEET TO THE BOTTOM OF THE PANELS TO PREVENT SHEETING DAMAGE DURING THE END WALL LIFT.

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Mfr. by Kelly Group, Inc. P.O. Box 1058 Fremont, NE 68026 Phone: 800-228-7230 Fax: 402-727-1363 Web: www.kellyklosure.com		Kelly Klosure TOUGH BY DESIGN. CUSTOM BY CHOICE.	
PAGE TITLE: KNEE & RIDGE BRACE BUILDING ASSEMBLY SEQUENCE		PROJECT TITLE: KNEE & RIDGE BRACE BUILDING ASSEMBLY SEQUENCE	
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THE REMAINING SIDEWALL PANELS ARE SUB ASSEMBLED IN 12'-0" TO 15'-0" SECTIONS FLAT ON THE GROUND. PANELS ARE LAID OUT & BOLTED TOGETHER ACCORDING TO THE BOLT SPACING ON THE CROSS-SECTION SHEET.



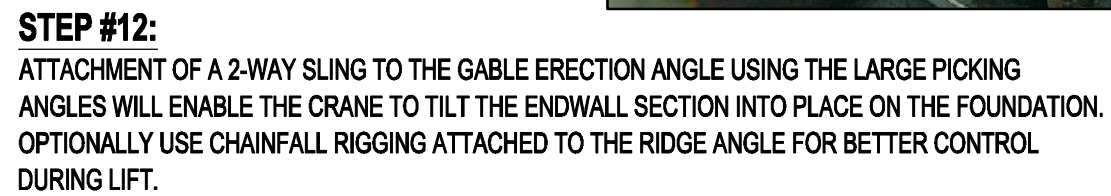
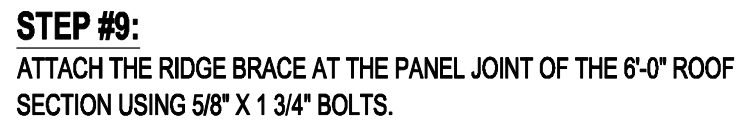
SUB-ASSEMBLE ROOF PANELS IN 6'-0" SECTIONS BY STACKING ONE 3'-0" SECTION ON TOP OF THE OTHER AND BOLTING THEM TOGETHER. REFER TO THE BUILDING LAYFLAT FOR PANEL MARK NUMBERS.



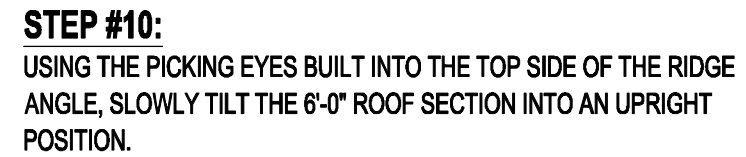
SIDEWALL SECTIONS CAN BE BUILT ON TOP OF EACH OTHER & STACKED IF SPACE IS LIMITED AROUND THE BUILDING PERIMETER. IF PANELS ARE STACKED, USE WOOD DUNNAGE TO PREVENT DAMAGE TO THE SHEETING.

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[illegible]



IMPORTANT NOTE:
IF A ROLL-UP EQUIPMENT DOOR IS REQUIRED IN THIS ENDWALL, DO NOT INSTALL THE DOOR OR ITS ACCESSORIES UNTIL THE ENDWALL STRUCTURE IS COMPLETED AND ANCHORED INTO PLACE.



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PAGE TITLE:
**KNEE & RIDGE BRACE BUILDING
ASSEMBLY SEQUENCE**

SHEET AS-3 OF AS-6

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STEP #13:
SET THE ENDWALL SECTION INTO THE CORRECT LOCATION USING A CHALK LINE LAYOUT. REFER TO THE FOUNDATION PREPARATION PLAN FOR THE CHALK LINE LOCATIONS. BE SURE TO PUT THE BASE SEAL UNDER THE PANELS AND REMOVE THE END WALL TIPPING FEET BEFORE SETTING THE ENDWALL SECTION DOWN.



STEP #14:
DRILL THE ANCHOR HOLES INTO THE CONCRETE USING A MASONRY DRILL. THE ANCHOR HOLES ARE FACTORY DRILLED IN THE BOTTOM OF THE WALL PANELS. ANCHOR THE ENDWALL SECTION DOWN AND REMOVE THE TEMPORARY KNEE & RIDGE BRACES.



STEP #15:
LIFT TWO (2) SIDEWALL SECTIONS INTO PLACE (ONE ON EACH SIDE) USING A CRANE & SLINGS. LOWER THE SECTIONS INTO THE CORRECT LOCATION USING THE CHALK LINE. BOLT THE SECTIONS TO THE REST OF THE BUILDING AND ANCHOR THEM DOWN. DO NOT FORGET THE BASE SEAL UNDER THE WALL PANELS.



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STEP #16:
LIFT THE 6'-0" ROOF SECTIONS INTO PLACE BY ATTACHING A SLING TO THE LIFTING EYES IN THE TOPS OF THE RIDGE ANGLES. EITHER CONNECT THE KNEE BRACES TO THE ROOF SECTIONS BEFORE THEY ARE LIFTED, LETTING THEM HANG OR CONNECT THEM AFTER THE ROOF SECTIONS ARE LIFTED AND ATTACHED TO THE WALL PANELS. THE CRANE WILL BE USED TO LIFT OR LOWER THE ROOF SECTIONS WHEN ATTACHING THE KNEE BRACES. THEREFORE, DO NOT DISCONNECT THE CRANE UNTIL ALL KNEE BRACES HAVE BEEN INSTALLED ON THAT SECTION. A SCISSOR LIFT OR OTHER PERSONNEL HOISTS ARE NEEDED AT THIS TIME.



STEP #17:
CONTINUE INSTALLING ROOF & WALL SECTIONS UNTIL THEY ARE ALL IN PLACE AND ANCHORED DOWN.



IF APPLICABLE, INSTALL TRUSSES AT SIDE WALL EQUIPMENT DOORS AS THE BUILDING IS ASSEMBLED.

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STEP #19:
CONNECT THE ENDWALL SECTIONS TO THE REST OF THE BUILDING USING THE CORNER & GABLE ERECTION ANGLES.




STEP #18:
SUB-ASSEMBLE THE FINAL ENDWALL IN HALVES OR THIRDS (DEPENDING ON THE BUILDING SIZE) ON THE GROUND AND LIFT INTO PLACE USING A CRANE AND SLINGS. SET THE PANELS ON WOOD DUNNAGE TO PROTECT THE SHEETING.



STEP #20:
AFTER ALL PANELS AND KNEE/RIDGE BRACES ARE IN PLACE, ALL FLASHING AND OTHER COMPONENTS CAN BE INSTALLED.

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