

A NUCOR COMPANY

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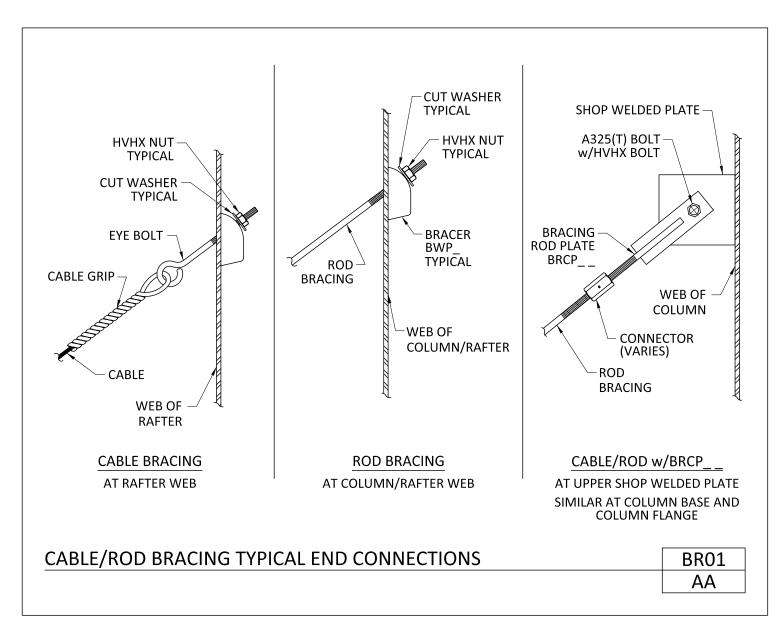
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BRACING

Cable/Rod Bracing Typical End Connections

BR01/AA



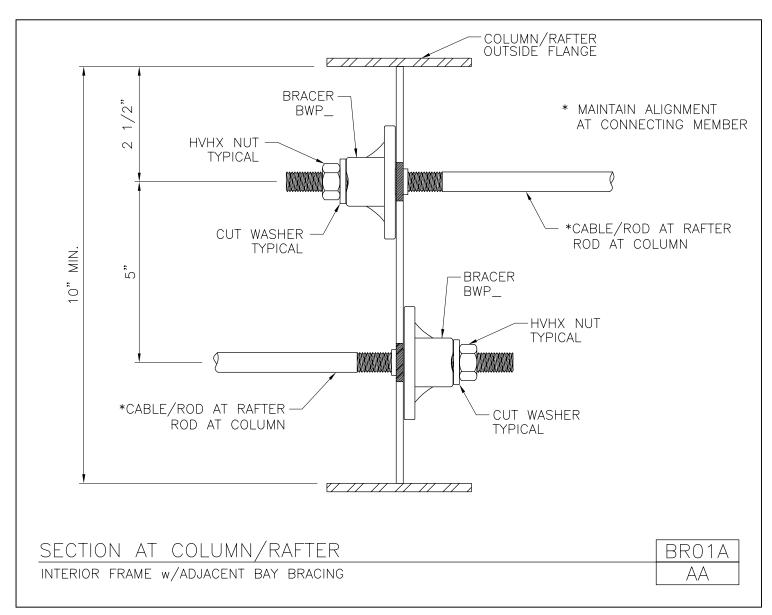
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Section at Column/Rafter Interior Frame w/ Adjacent Bay Bracing BR01A/AA



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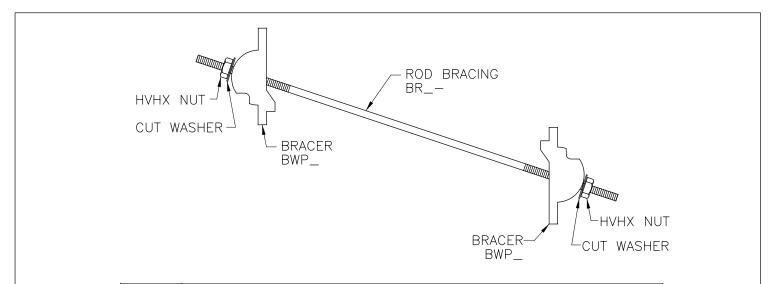


BRACING

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Rod Bracing Assembly

BR01W/AA



ROD Ø	REQUIRED FOR ROD ASSEMBLY			
	ROD BRACING	BRACER	CUT WASHER	HVHX NUT
5/8"	BR5-	BWP1	5/8 CUT WASHER	5/8 HVHX NUT
3/4"	BR6-	BWP2	3/4 CUT WASHER	3/4 HVHX NUT
7/8"	BR7-	BWP2	7/8 CUT WASHER	7/8 HVHX NUT
1"	BR8-	BWP3	1 CUT WASHER	1 HVHX NUT
1 1/8"	BR9-	BWP3	1 1/8 CUT WASHER	1 1/8 HVHX NUT
1 1/4"	BR10-	BWP3	1 1/4 CUT WASHER	1 1/4 HVHX NUT
1 3/8"	BR11-	BWP4	1 3/8 CUT WASHER	1 3/8 HVHX NUT
1 1/2"	BR12-	BWP4	1 1/2 CUT WASHER	1 1/2 HVHX NUT

ROD BRACING ASSEMBLY

BR01W AA

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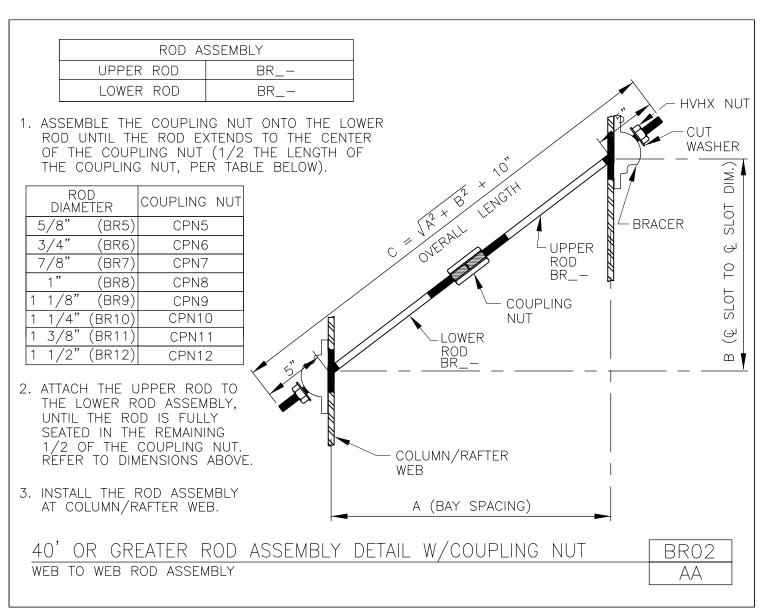
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BRACING

A NUCOR COMPANY

40' or Greater Rod Assembly Detail w/ Coupling Nut Web to Web Rod Assembly BR02/AA



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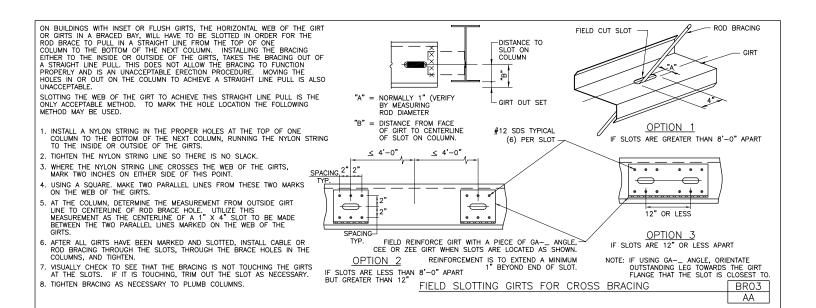


BRACING

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Field Slotting Girts For Cross Bracing

BR03/AA



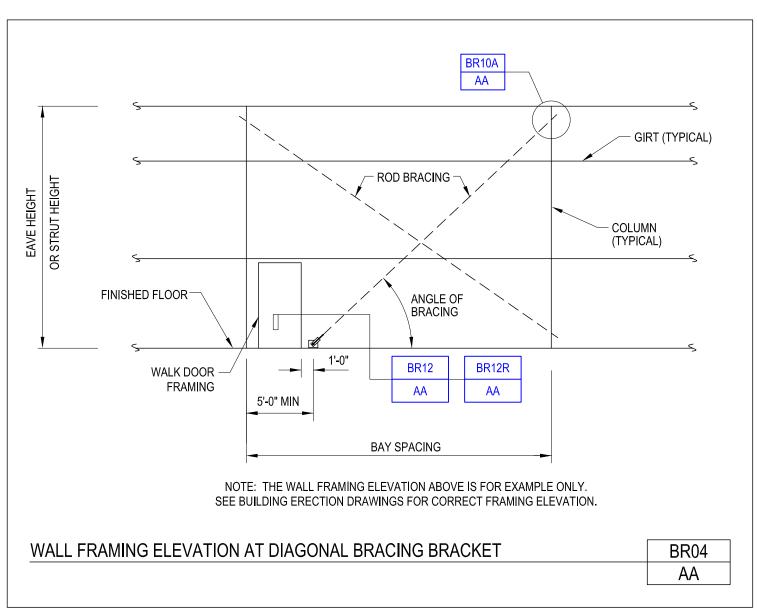
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BRACING

Wall Framing Elevation at Diagonal Bracing Bracket

BR04/AA



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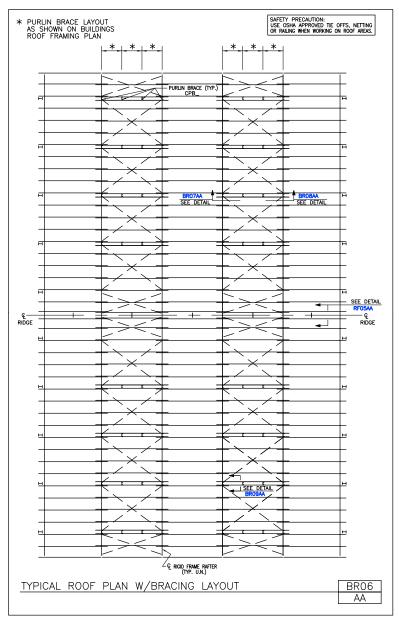


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Typical Roof Plan w/ Bracing Layout

BR06/AA



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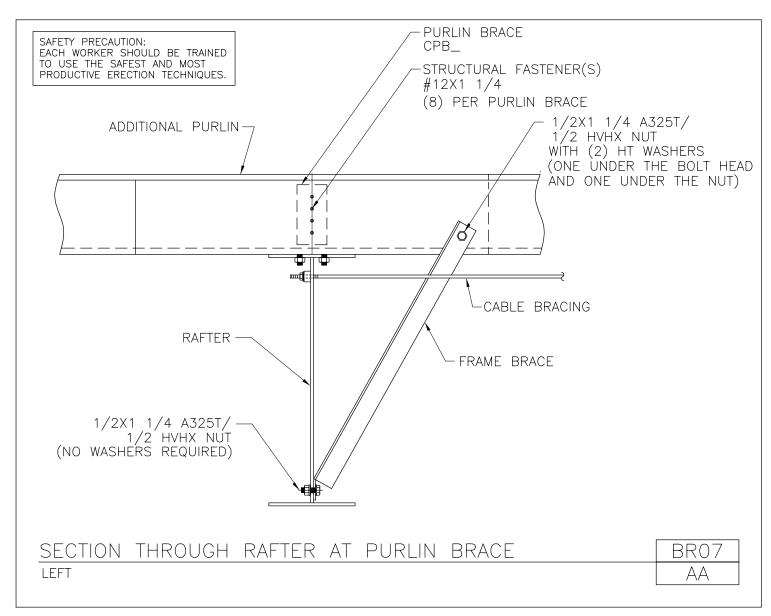
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Section Through Rafter at Purlin Brace Left BR07/AA

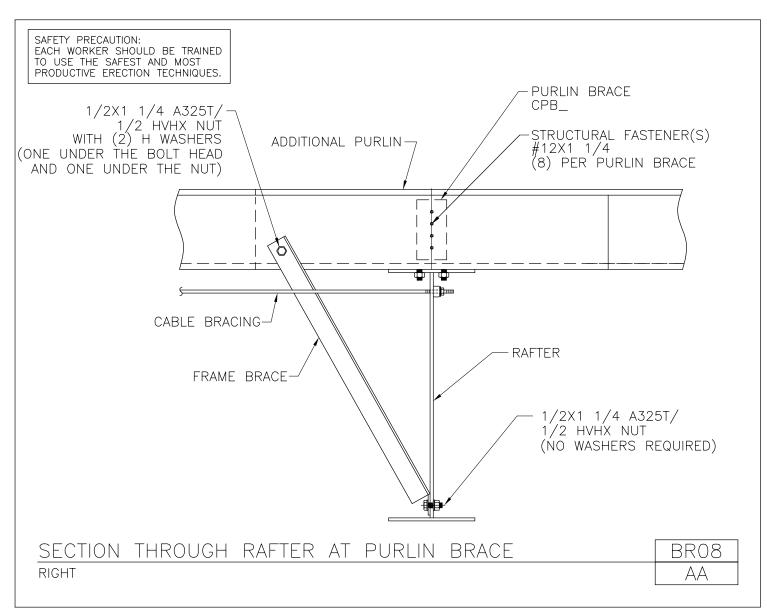


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DIVACING

Section Through Rafter at Purlin Brace Right BR08/AA



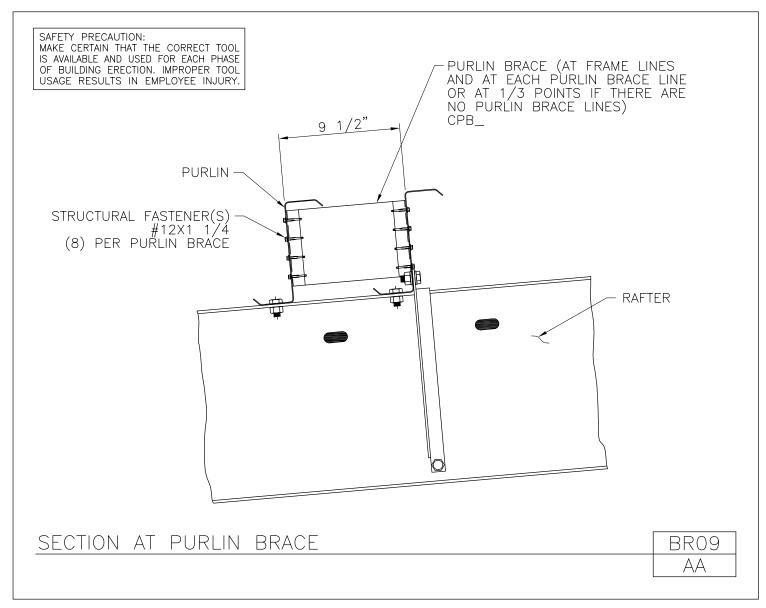
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Section at Purlin Brace

BR09/AA



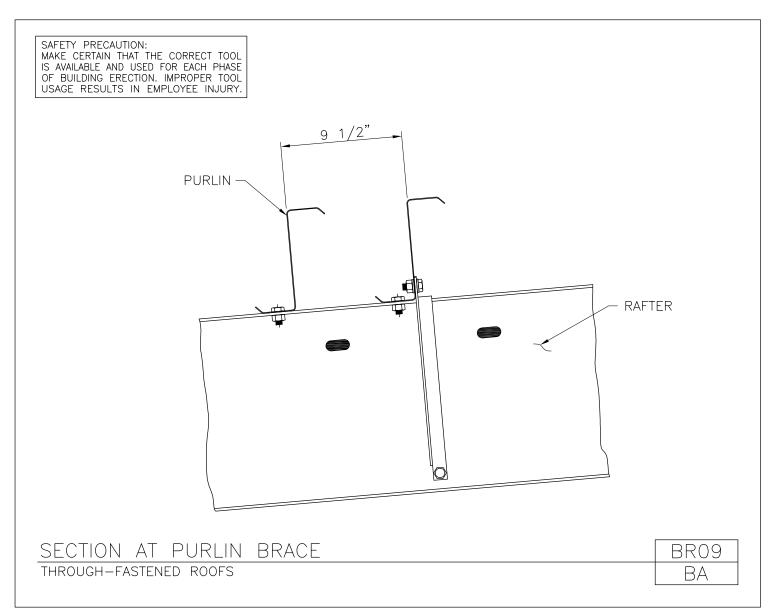
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Section at Purlin Brace Through-Fastened Roofs BR09/BA



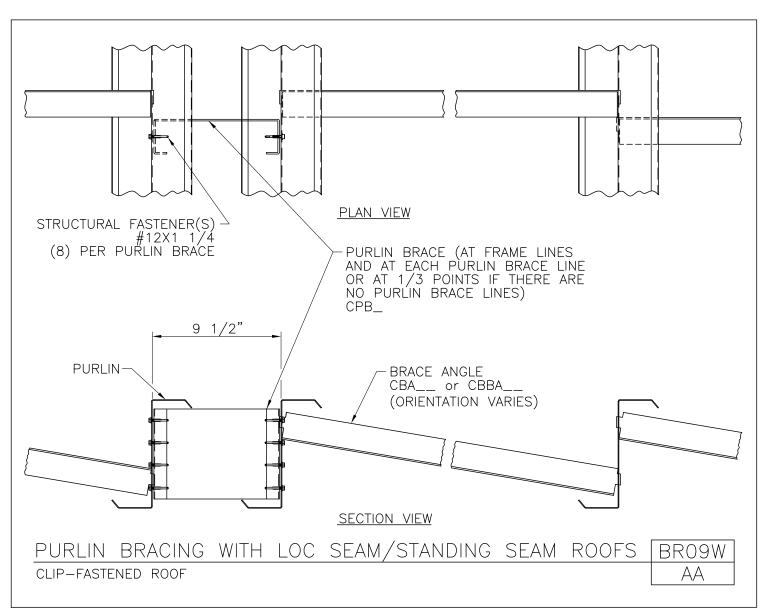
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BRACING

Purlin Bracing with Loc Seam/Standing Seam Roofs Clip-Fastened Roof

BR09W/AA



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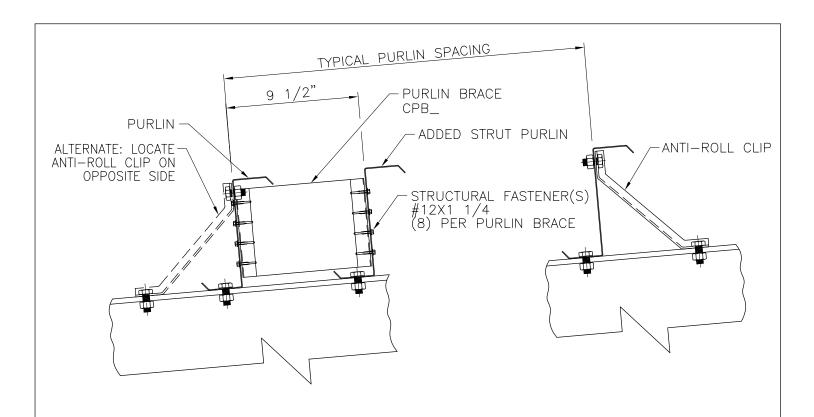


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Section at Strut Purlin

BR09X/AA



ANTI-ROLL CLIP LOCATIONS:
USE STD. ANTI-ROLL CLIP IF THERE IS NO ADDED STRUT PURLIN OR IF THE STRUT IS LOCATED ON THE SIDE OPPOSITE OF THE ANTI-ROLL CLIP. IF THE STANDARD ANTI-ROLL CLIP LOCATION INTERFERES WITH THE PURLIN BRACE, LOCATE THE ANTI-ROLL CLIP ON THE OTHER SIDE OF THE PURLIN.

SECTION AT STRUT PURLIN

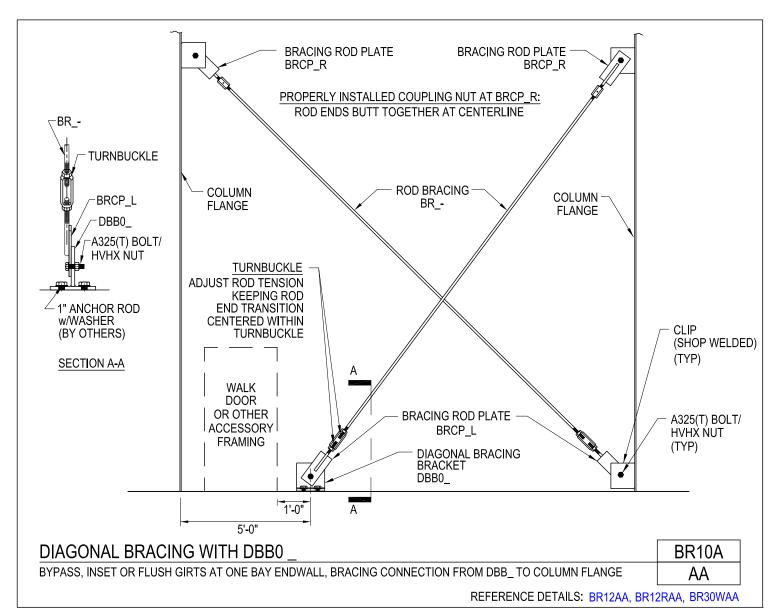
BR09X AA

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BRACING

Diagonal Bracing with DBBO_
By-Pass, Inset or Flush Girts at One Bay Endwall, Bracing Conn. from DBBO_ to Column Flange
BR10A/AA



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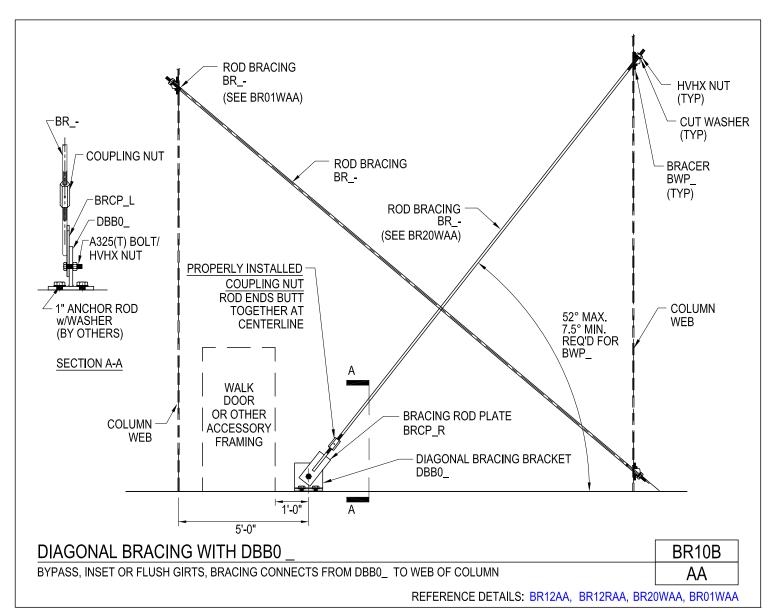
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BRACING

Diagonal Bracing with DBB0_ By-Pass, Inset or Flush Girts, Bracing Conn. from DBB0_ to Web of Column BR10B/AA



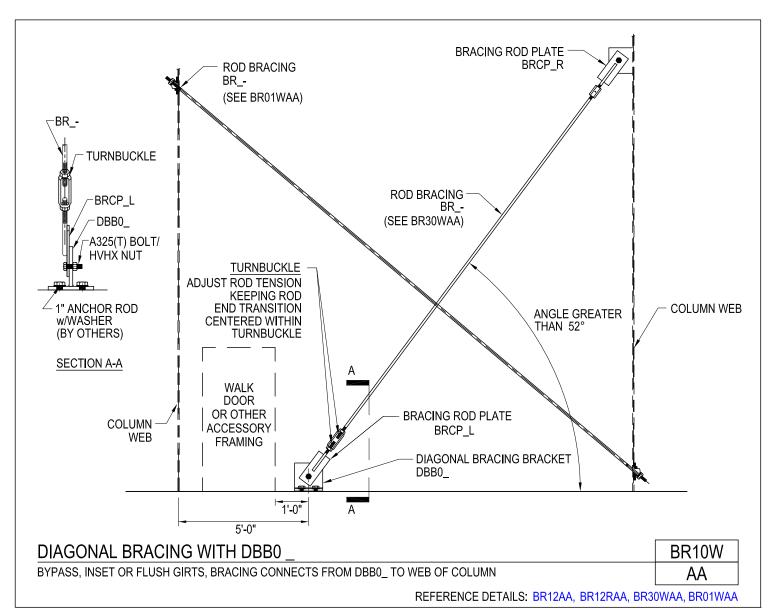
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Diagonal Bracing with DBB0_ By-Pass, Inset or Flush Girts, Bracing Conn. from DBB0_ to Web of Column BR10W/AA



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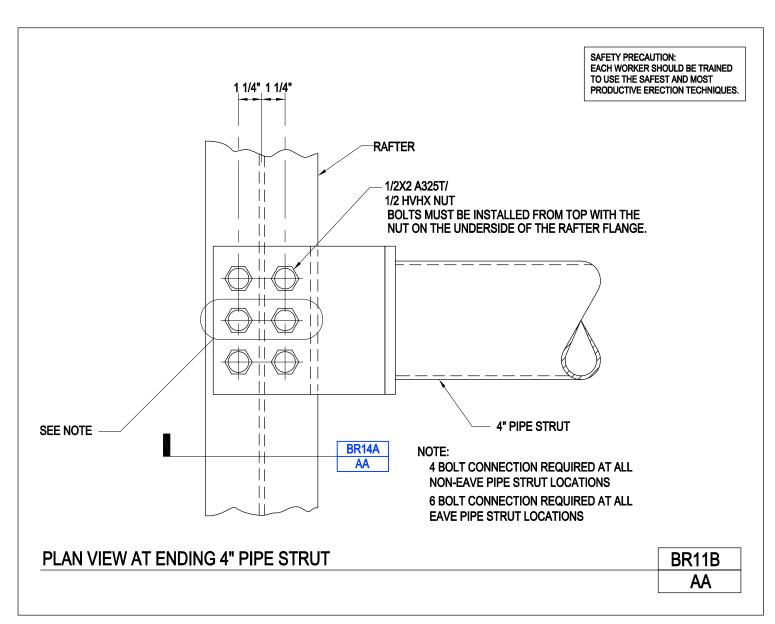


BRACING

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Plan View at Ending 4" Pipe Strut

BR11B/AA



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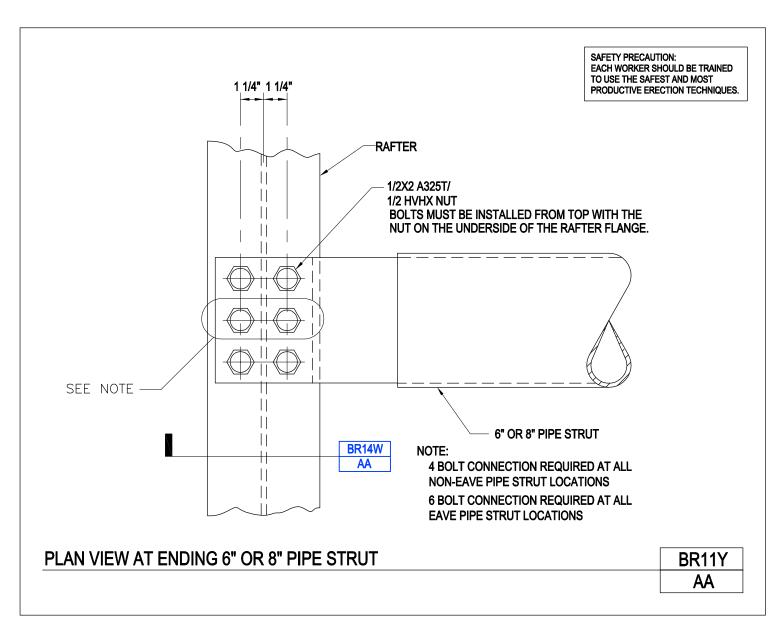


BRACING

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Plan View at Ending 6" or 8" Pipe Strut

BR11Y/AA



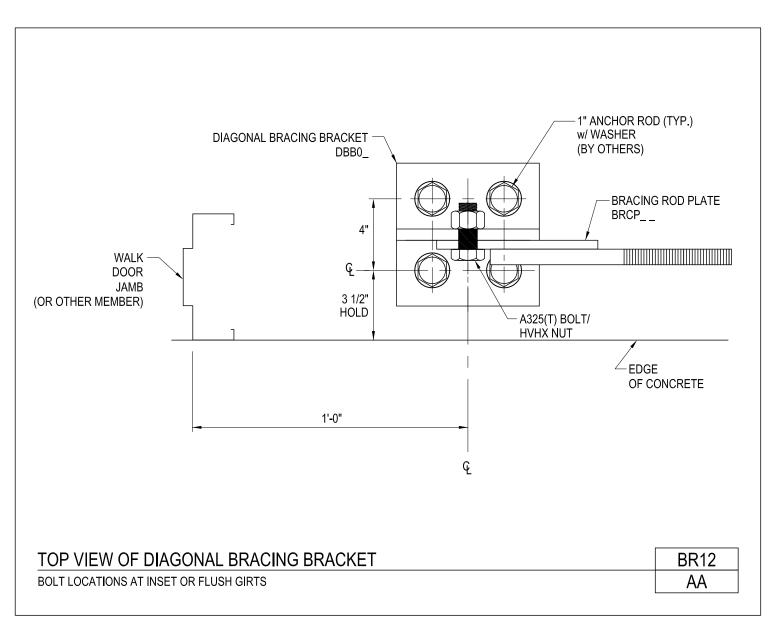
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BRACINO

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Top View of Diagonal Bracing Bracket Bolt Locations at Inset or Flush Girts BR12/AA



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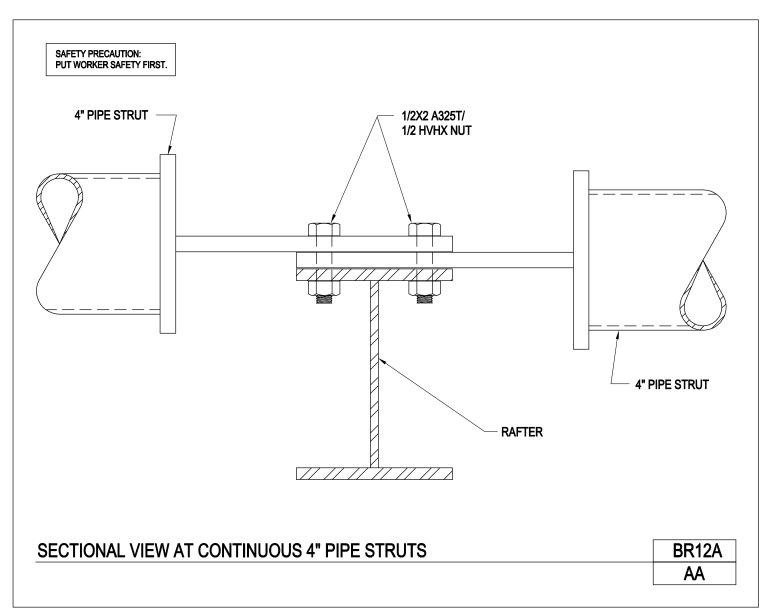


BRACING

ATTOCALIN GOINITAINT

Sectional View at Continuous 4" Pipe Struts

BR12A/AA



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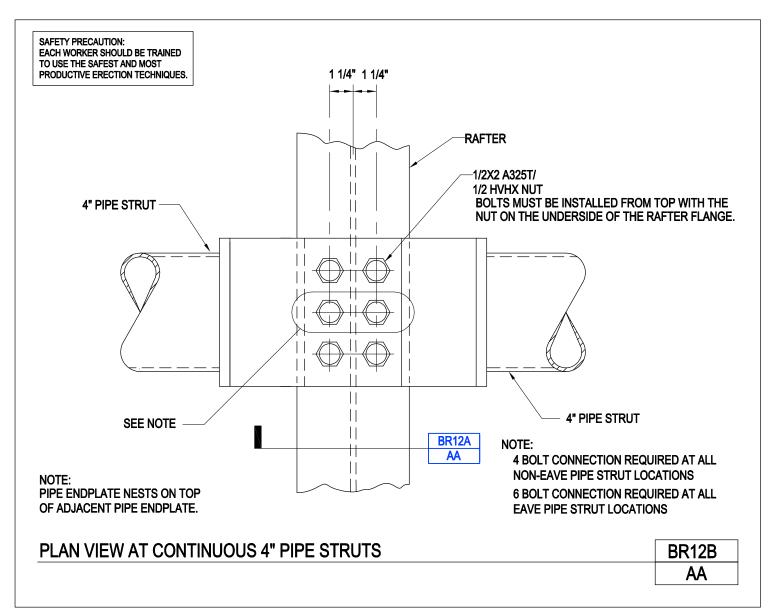


BRACING

A NUCOR COMPANY

Plan View at Continuous 4" Pipe Struts

BR12B/AA



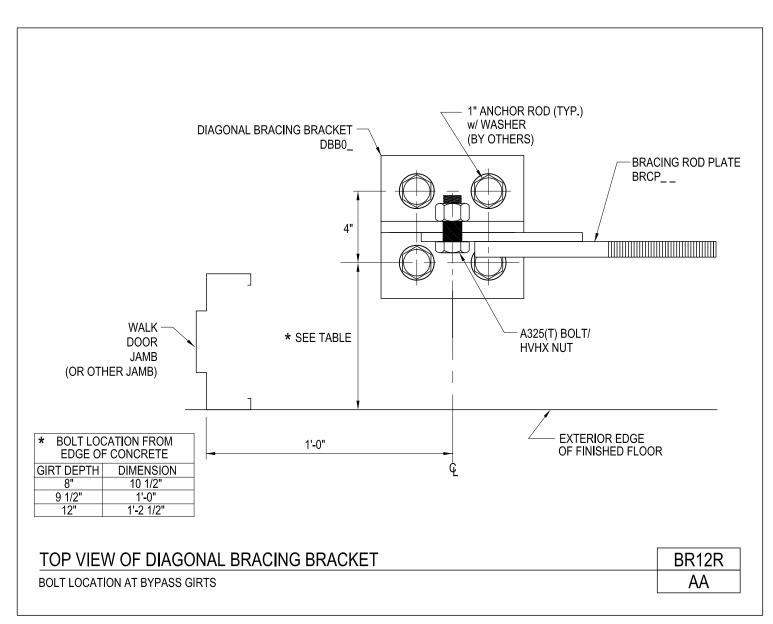
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BRACINO

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Top View of Diagonal Bracing Bracket Bolt Location at By-Pass Girts BR12R/AA



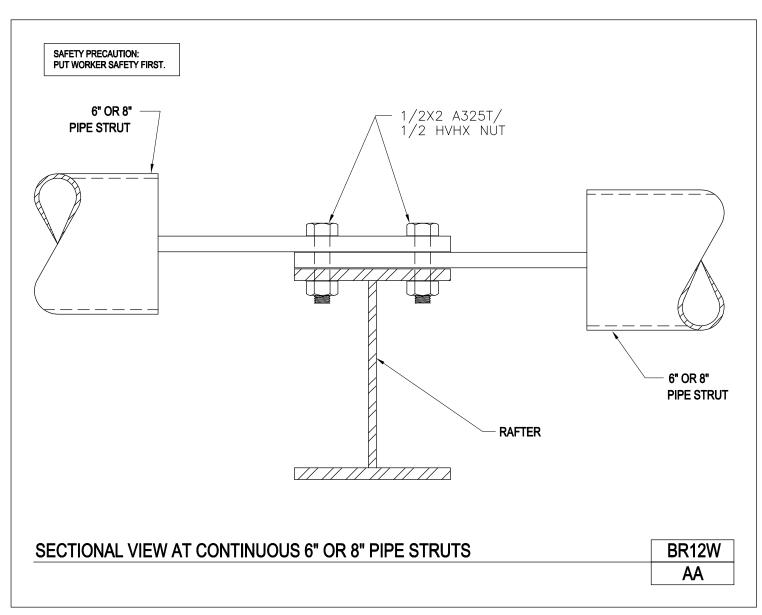
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BRACING

Sectional View at Continuous 6" or 8" Pipe Struts

BR12W/AA



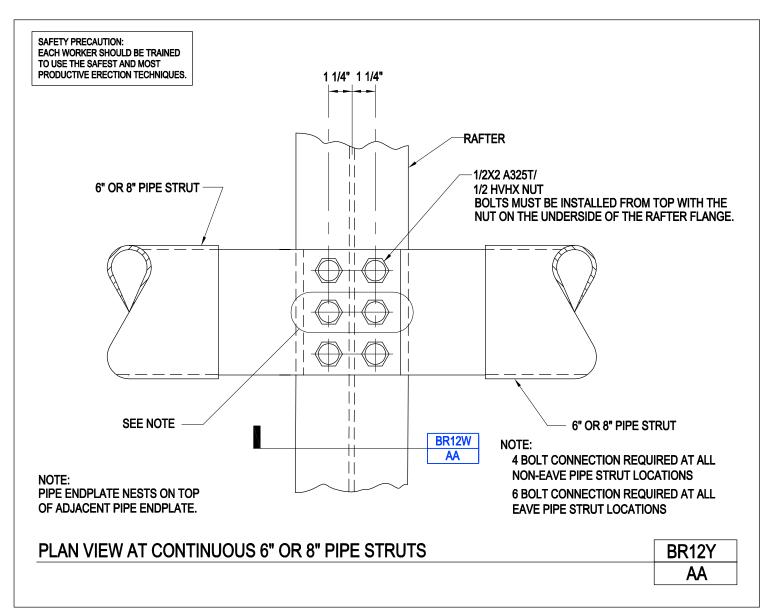
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BRACING

Plan View at Continuous 6" or 8" Pipe Struts

BR12Y/AA



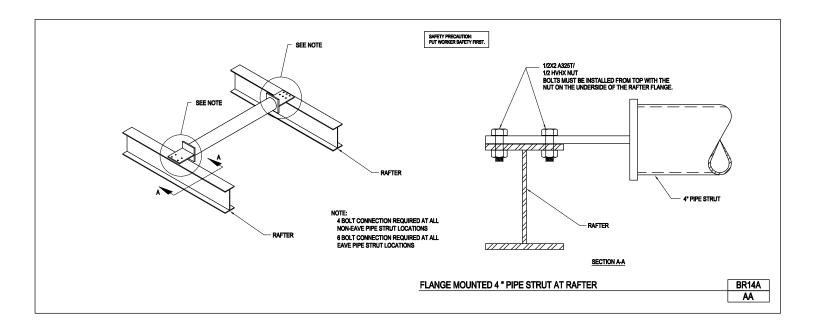
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BRACING

Flange Mounted 4" Pipe Strut at Rafter

BR14A/AA



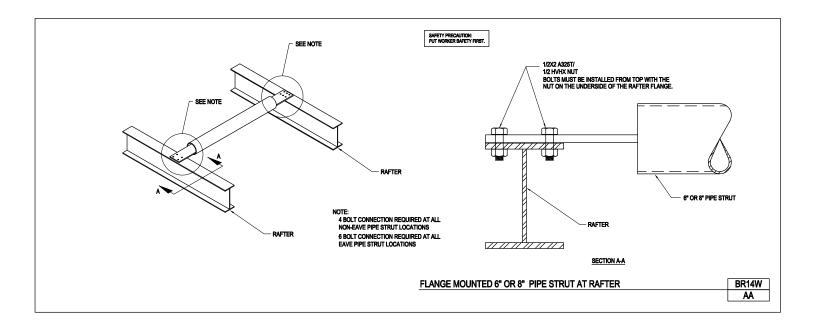
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Flange Mounted 6" or 8" Pipe Strut at Rafter

BR14W/AA



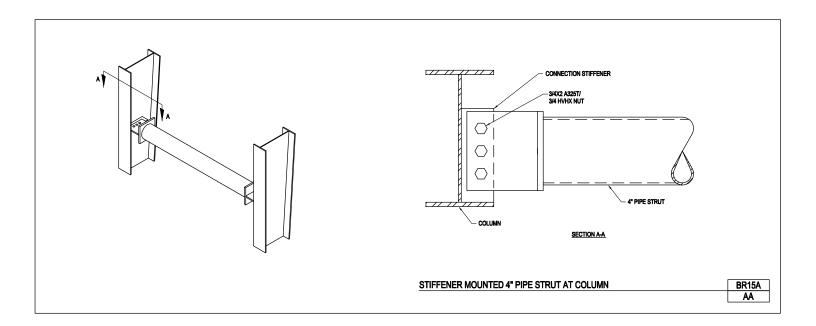
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Stiffener Mounted 4" Pipe Strut at Column

BR15A/AA



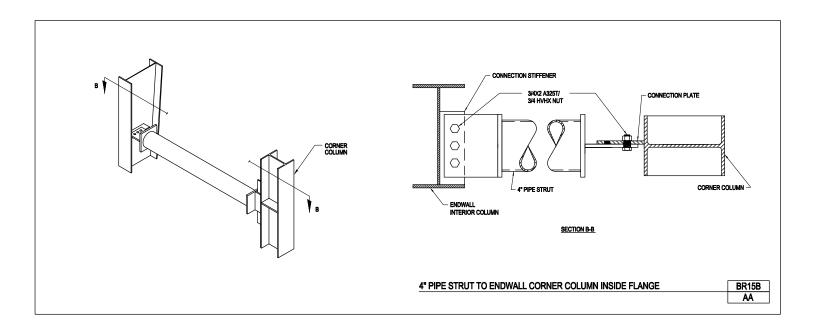
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BRACING

4" Pipe Strut to Endwall Corner Column Inside Flange

BR15B/AA



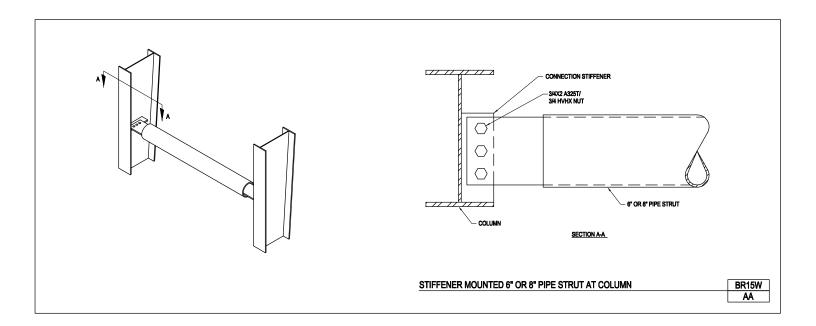
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Stiffener Mounted 6" or 8" Pipe Strut at Column

BR15W/AA



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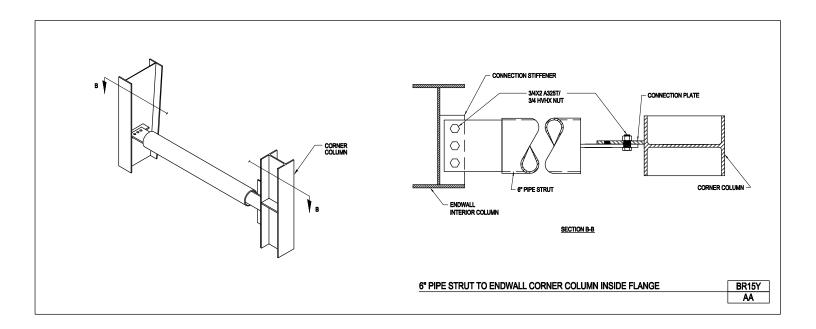


BRACING

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6" Pipe Strut to Endwall Corner Column Inside Flange

BR15Y/AA



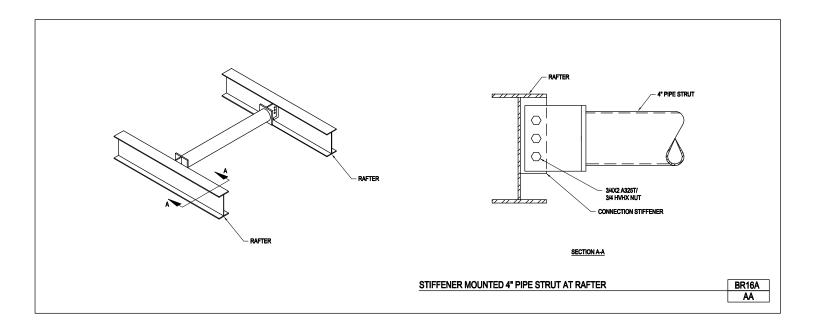
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Stiffener Mounted 4" Pipe Strut at Rafter

BR16A/AA



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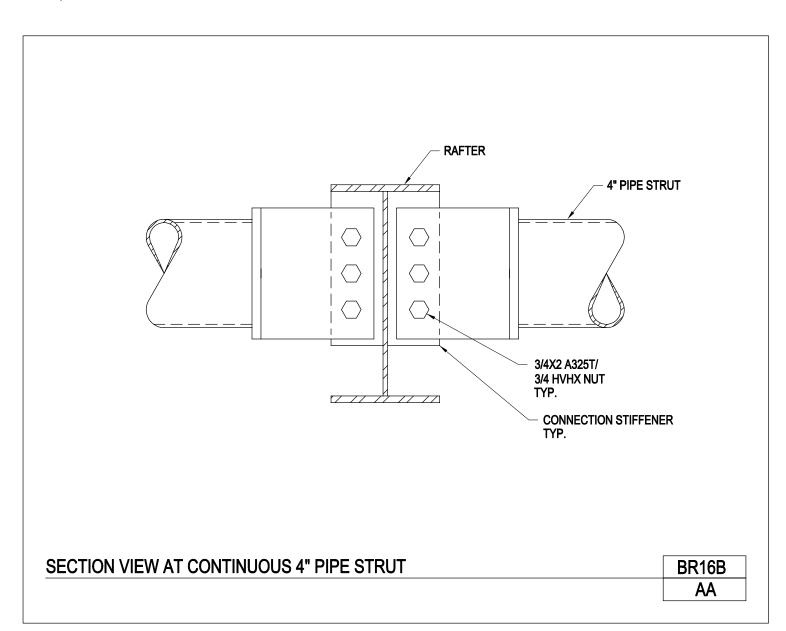


BRACING

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Section View at Continuous 4" Pipe Strut

BR16B/AA



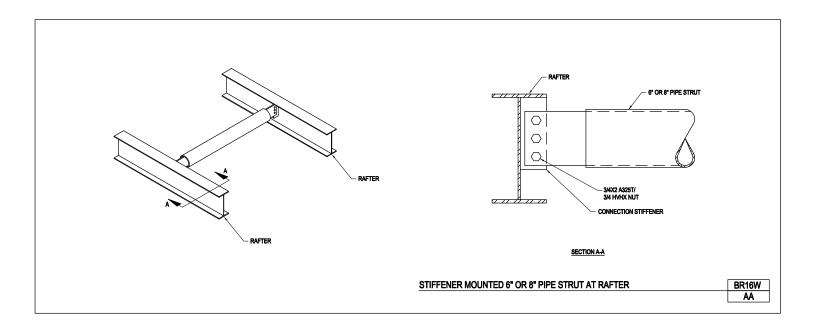
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Stiffener Mounted 6" or 8" Pipe Strut at Rafter

BR16W/AA



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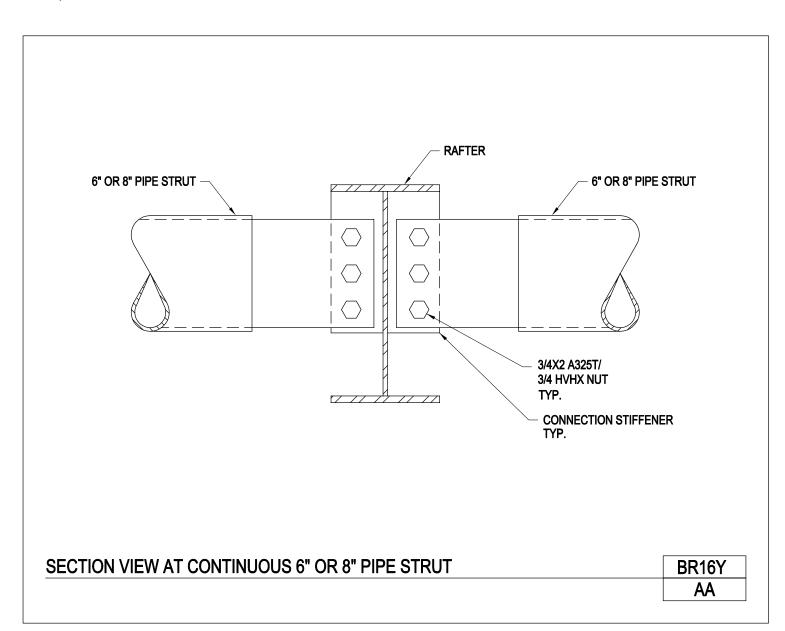


BRACING

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Section View at Continuous 6" or 8" Pipe Strut

BR16Y/AA



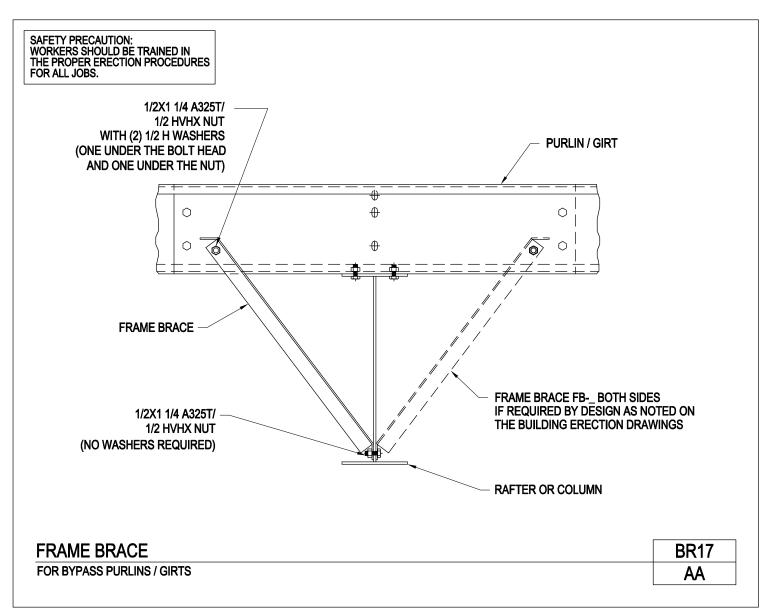
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BRACINO

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Frame Brace For Bypass Purlins/Girts BR17/AA



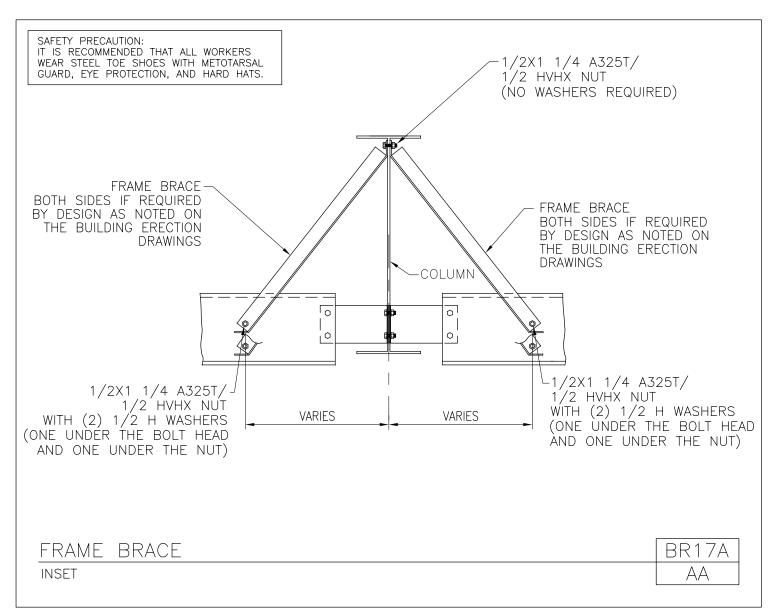
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BRACINO

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Frame Brace Inset BR17A/AA



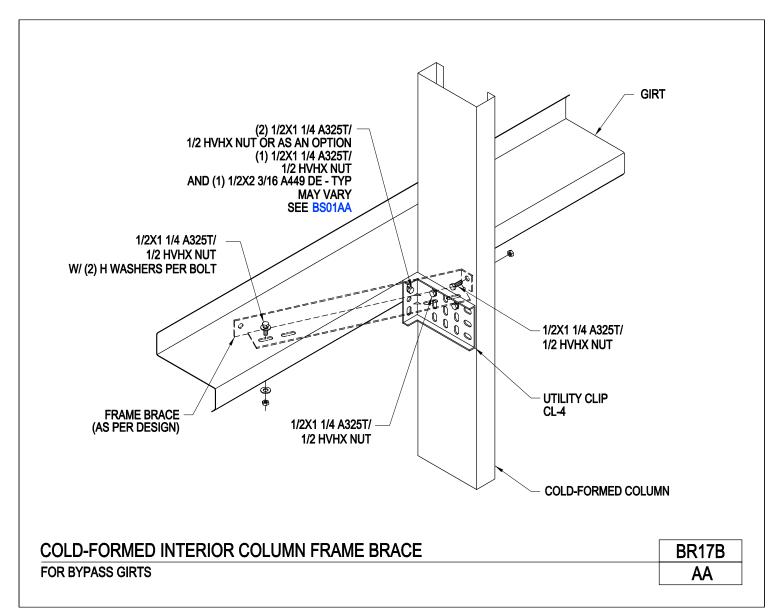
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BRACING

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Cold-Formed Interior Column Frame Brace For Bypass Girts BR17B/AA



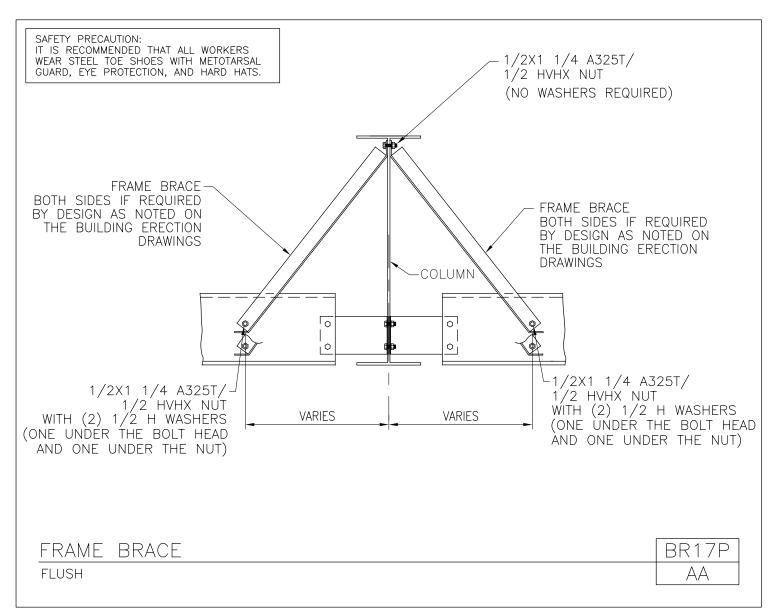
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BRACING

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Frame Brace Flush BR17P/AA



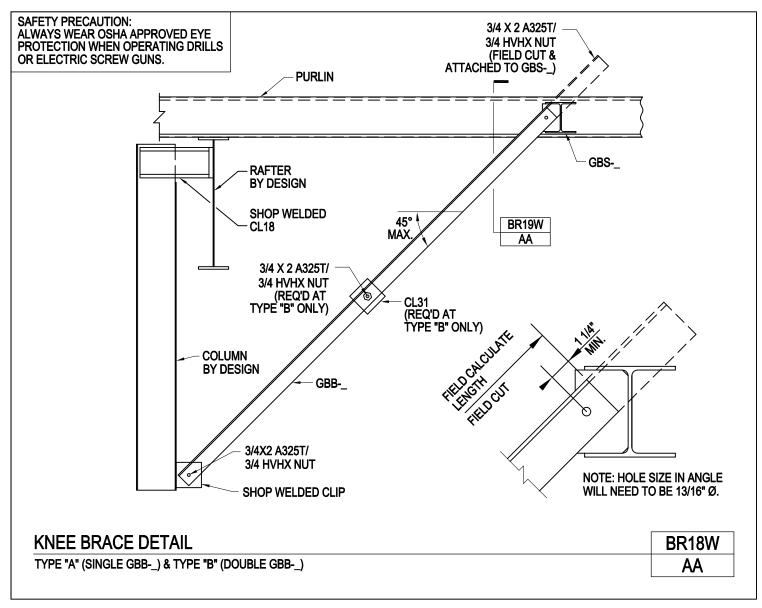
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PRODUCT MANUAL

BRACINO

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Knee Brace Detail
Type "A" (Single GBB-_) & "B" (Double GBB-_)
BR18W/AA



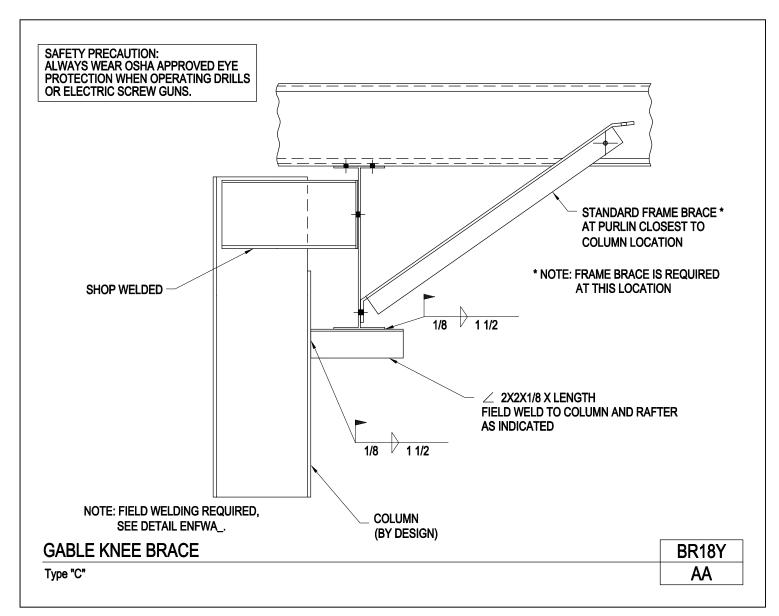
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BRACINO

A NUCOR COMPANY

Gable Knee Brace Type "C" BR18Y/AA



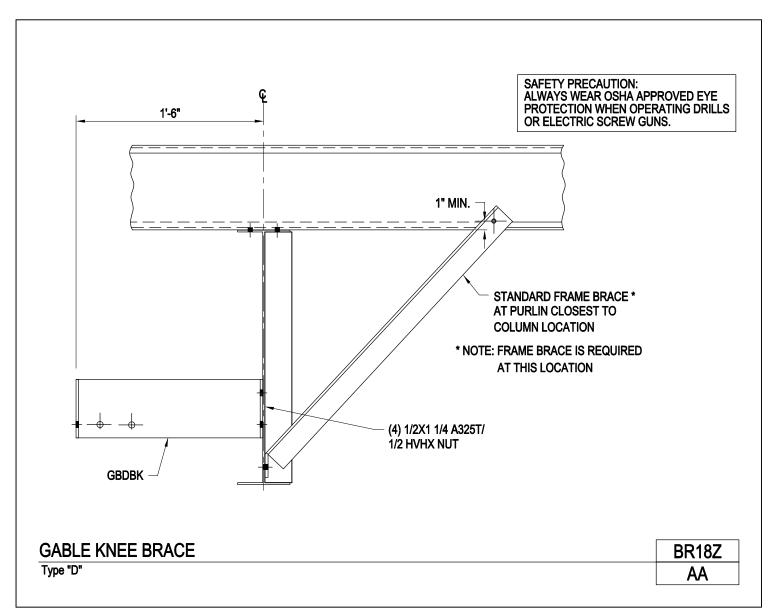
Download the DWG file by clicking here.



BRACINO

A NUCOR COMPANY

Gable Knee Brace Type "D" BR18Z/AA



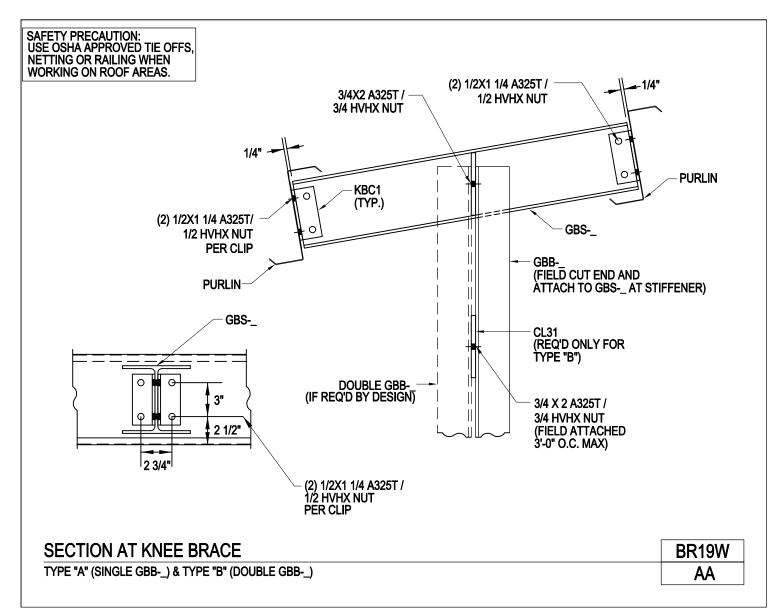
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A MUCOR COMPANY

Section at Knee Brace
Type "A" (Single GBB-_) & "B" (Double GBB-_)
BR19W/AA



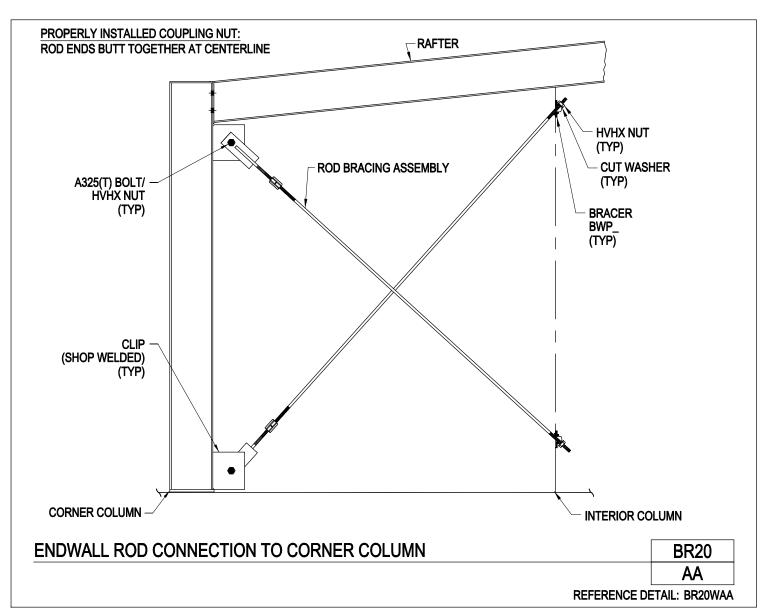
Download the DWG file by clicking here.



BRACING

Endwall Rod Connection to Corner Column

BR20/AA



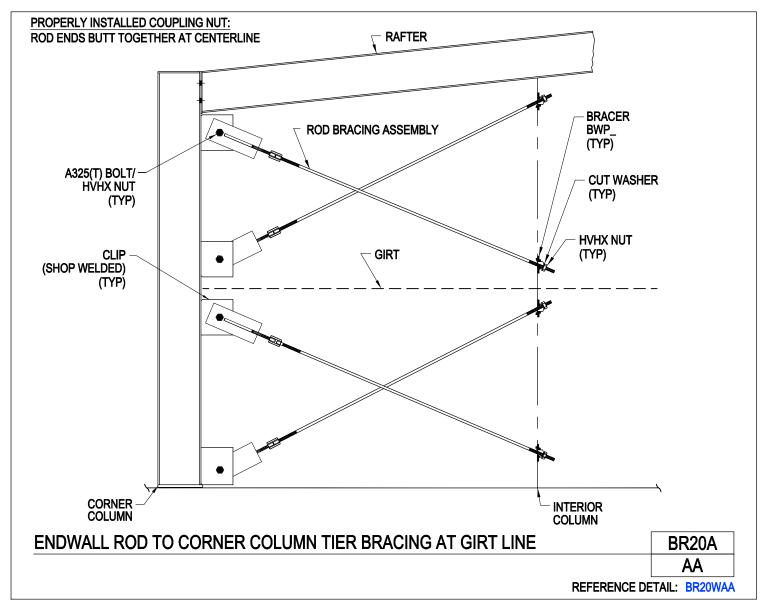
Download the DWG file by clicking here.



BRACING

Endwall Rod to Corner Column Tier Bracing at Girt Line

BR20A/AA



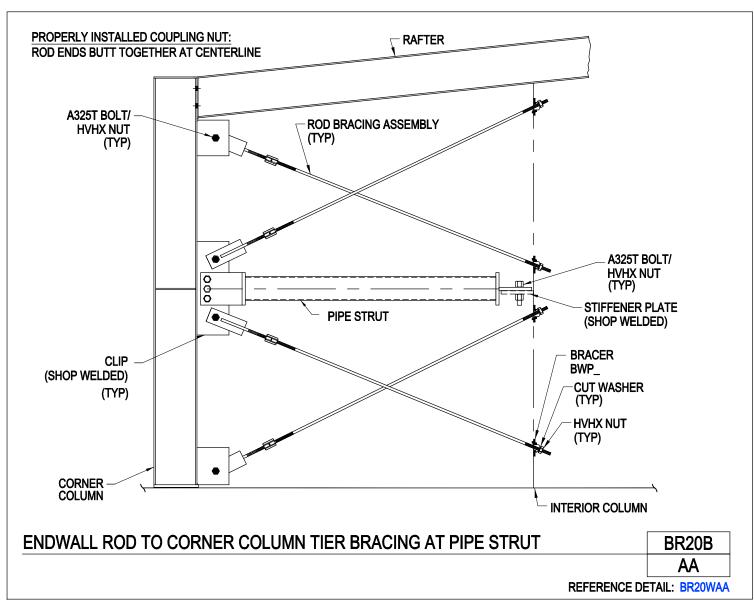
Download the DWG file by clicking here.



BRACING

Endwall Rod to Corner Column Tier Bracing at Pipe Strut

BR20B/AA



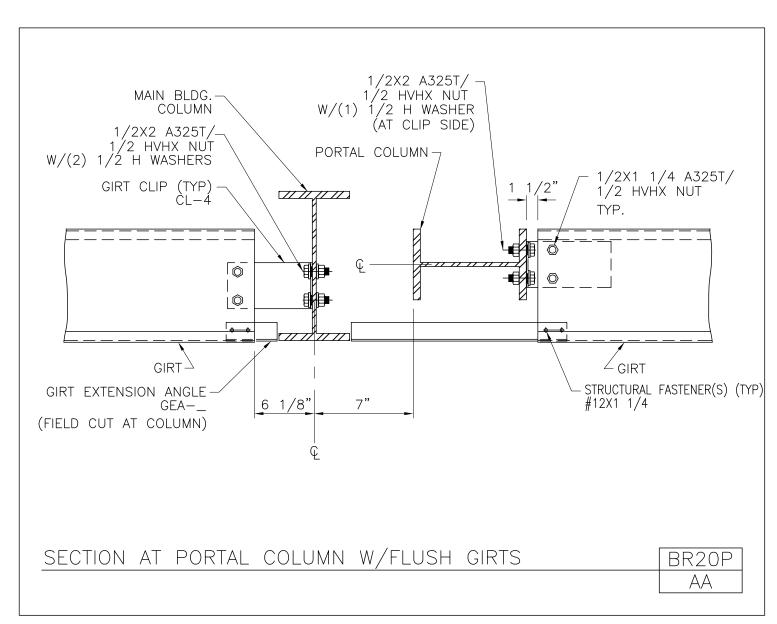
Download the DWG file by clicking here.



BRACING

Section at Portal Column w/ Flush Girts

BR20P/AA



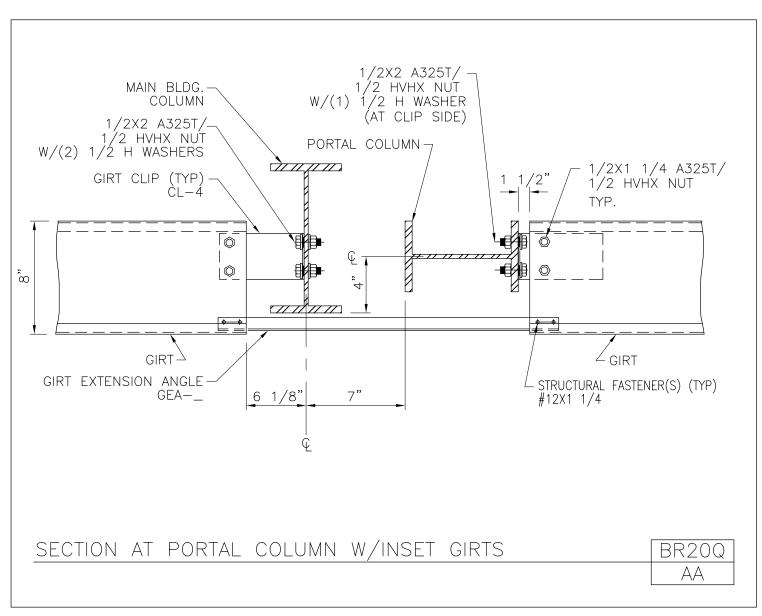
Download the DWG file by clicking here.



BRACING

Section at Portal Column w/ Inset Girts

BR20Q/AA



Download the DWG file by clicking here.

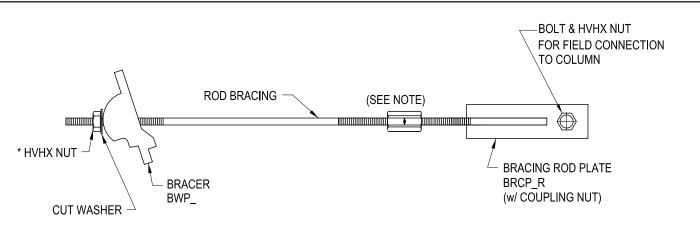


BRACING

ATTOCAL TO SOME FRANCE

Single Paddle, Rod Bracing Assembly

BR20W/AA



ROD Ø			BRACING ROD PLATE CONNECTION					
	ROD BRACING	BRACER	CUT WASHER	* HVHX NUT	BRACING ROD PLATE (w/ COUPLING NUT)		A325(T) BOLT AT BRCP_(L/R)	HVHX NUT AT BRCP_(L/R)
5/8"	BR5-	BWP1	5/8 CUT WASHER	5/8 HVHX NUT	BRCP5R	(w/ CPN5)		
3/4"	BR6-	BWP2	3/4 CUT WASHER	3/4 HVHX NUT	BRCP6R	(w/ CPN6)	(1) 1X3 1/4 A325T	(1) 1 HVHX NUT
7/8"	BR7-	DVVPZ	7/8 CUT WASHER	7/8 HVHX NUT	BRCP7R	(w/ CPN7)		
1"	BR8-		1 CUT WASHER	1 HVHX NUT	BRCP8R	(w/ CPN8)		
1 1/8"	BR9-	BWP3	1 1/8 CUT WASHER	1 1/8 HVHX NUT	BRCP9R	(w/ CPN9)	(1) 1 1/4X3 A325 w/1 1/4 HVHX N	
1 1/4"	BR10-		1 1/4 CUT WASHER	1 1/4 HVHX NUT	BRCP10R	(w/ CPN10)		

NOTE:

PROPERLY INSTALLED COUPLING NUT:

ROD AT BRACING ROD PLATE (BRCP_R) AND ROD BRACING (BR_-) ENDS BUTT TOGETHER AT THE CENTERLINE OF COUPLING NUT.

BR20W

AA

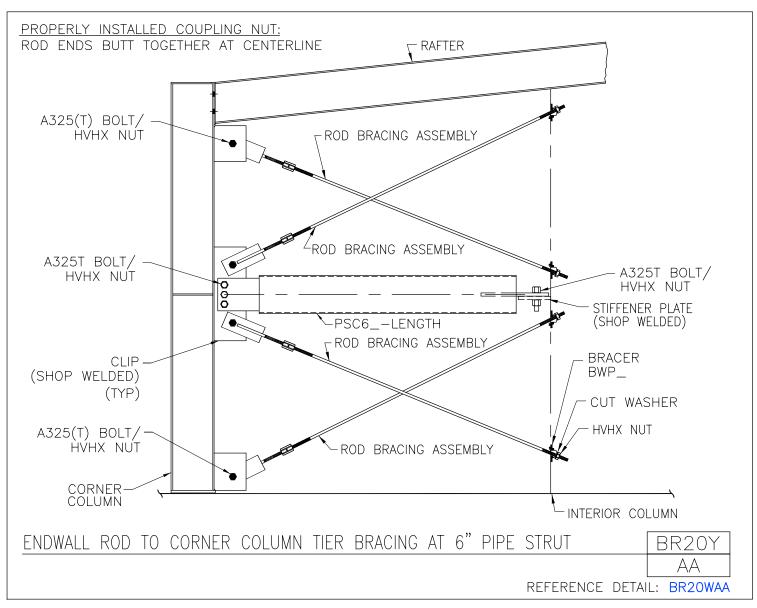
Download the DWG file by clicking here.



BRACING

Endwall Rod to Corner Column Tier Bracing at 6" Pipe Strut

BR20Y/AA



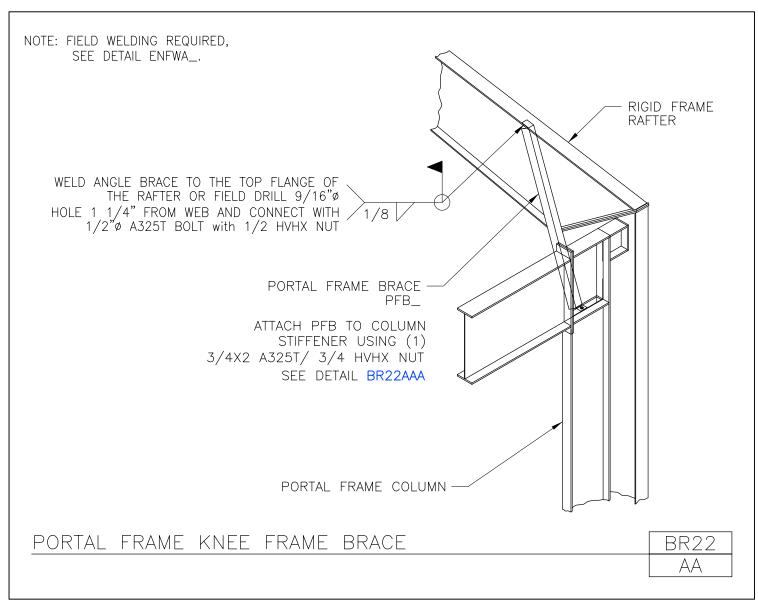
Download the DWG file by clicking here.



BRACING

Portal Frame Knee Frame Brace

BR22/AA

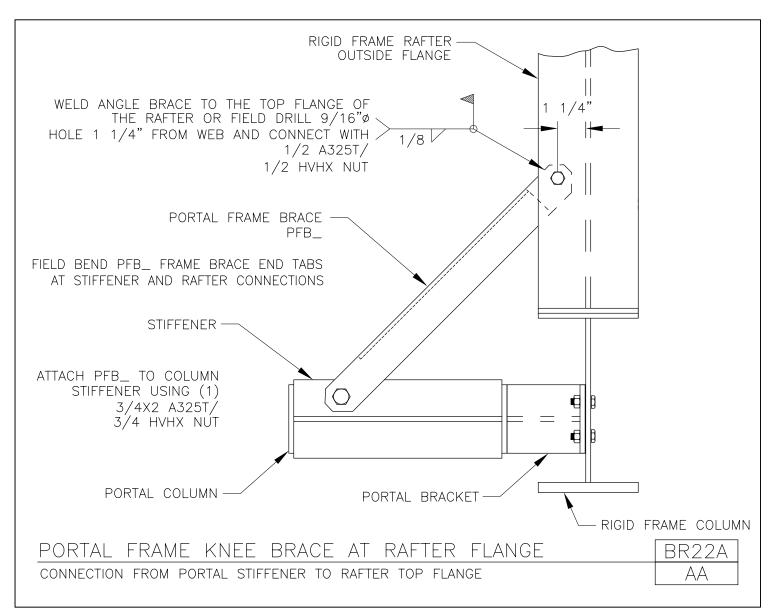


Download the DWG file by clicking here.

PRODUCT MANUAL

A NUCOR COMPANY

Portal Frame Knee Brace at Rafter Flange Connection From Portal Stiffener to Rafter Top Flange BR22A/AA



Download the DWG file by clicking here.

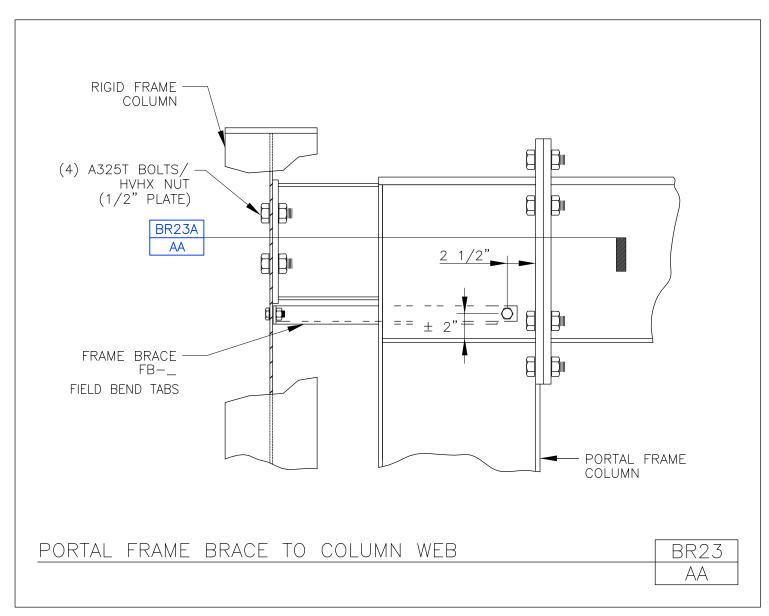


PRODUCT MANUAL BRACING

A NUCOR COMPANY

Portal Frame Brace to Column Web

BR23/AA



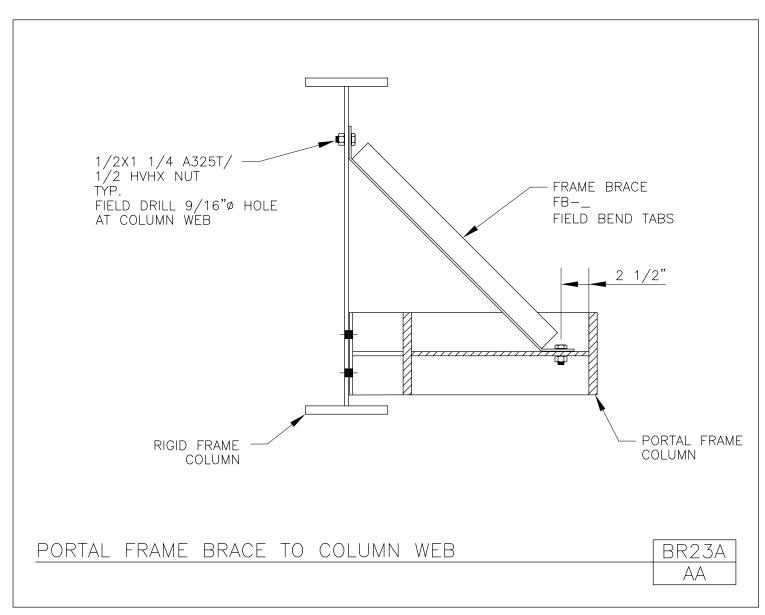
Download the DWG file by clicking here.



BRACING

Portal Frame Brace to Column Web

BR23A/AA



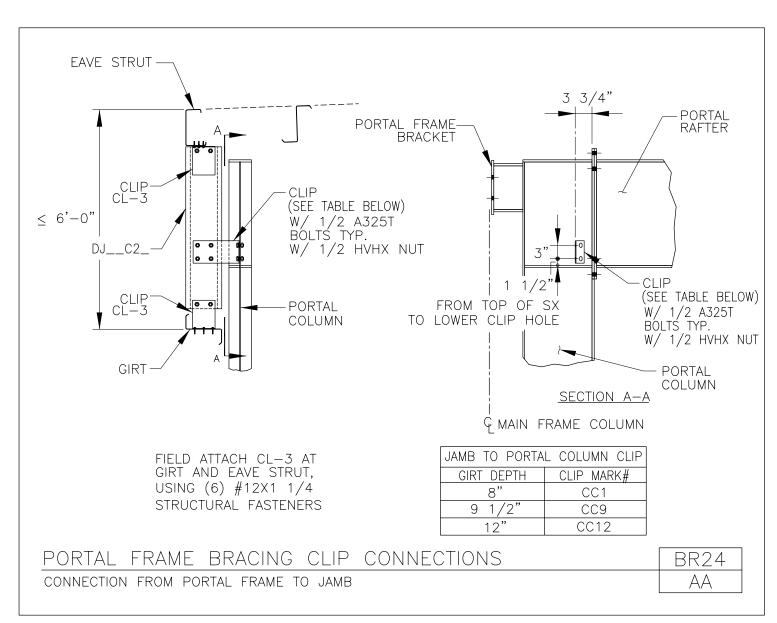
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A NUCOR COMPANY

Portal Frame Bracing Clip Connections Connection From Portal Frame to Jamb BR24/AA



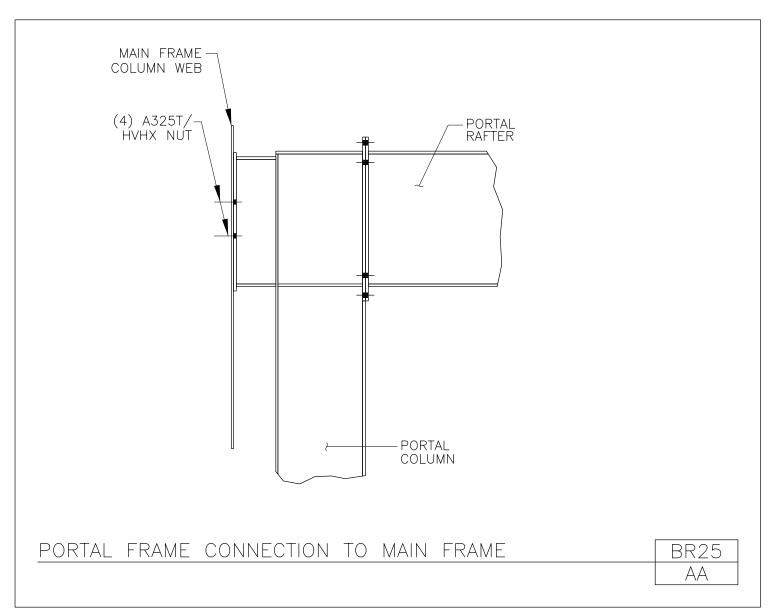
Download the DWG file by clicking here.



A NUCOR COMPANY

Portal Frame Connection to Main Frame

BR25/AA



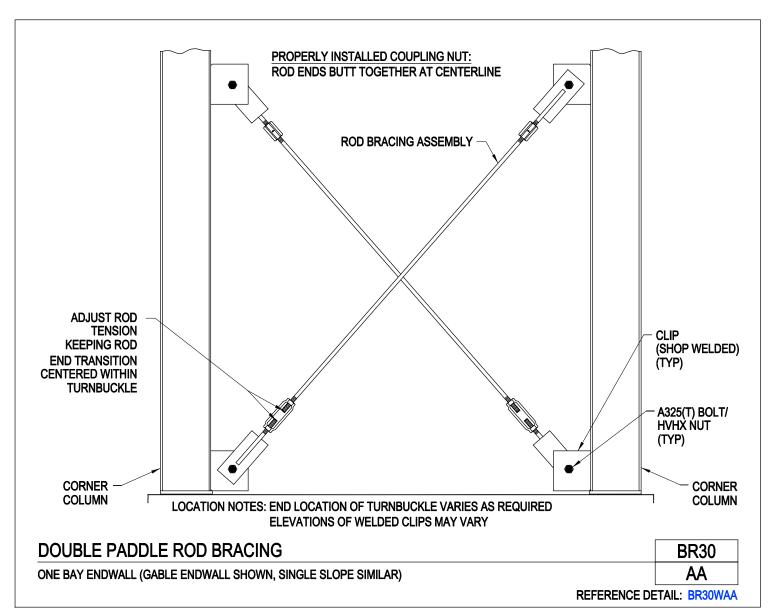
Download the DWG file by clicking here.



BRACING

A NUCOR COMPANY

Double Paddle Rod Bracing
One Bay Endwall (Gable Endwall Shown, Single Slope Similar)
BR30/AA

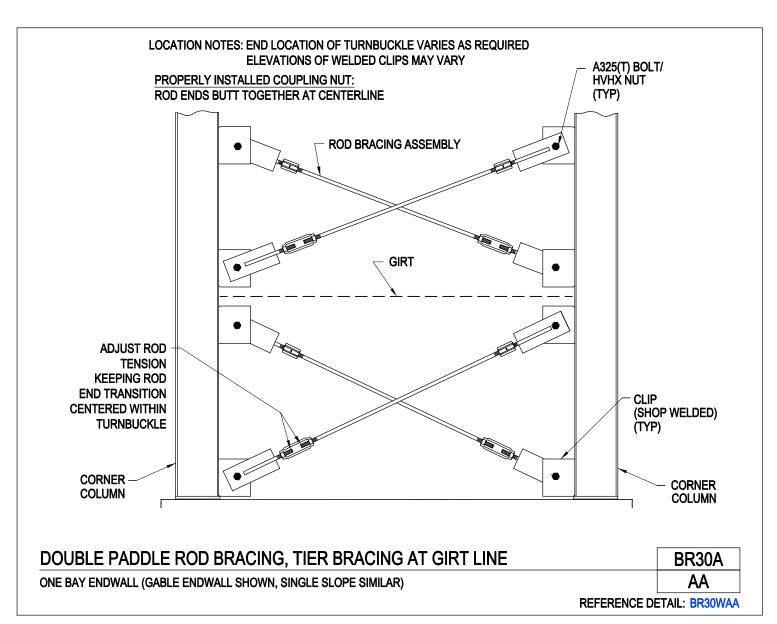


Download the DWG file by clicking here.

PRODUCT MANUAL

A NUCOR COMPANY

Double Paddle Rod Bracing, Tier Bracing at Girt Line One Bay Endwall (Gable Endwall Shown, Single Slope Similar) BR30A/AA



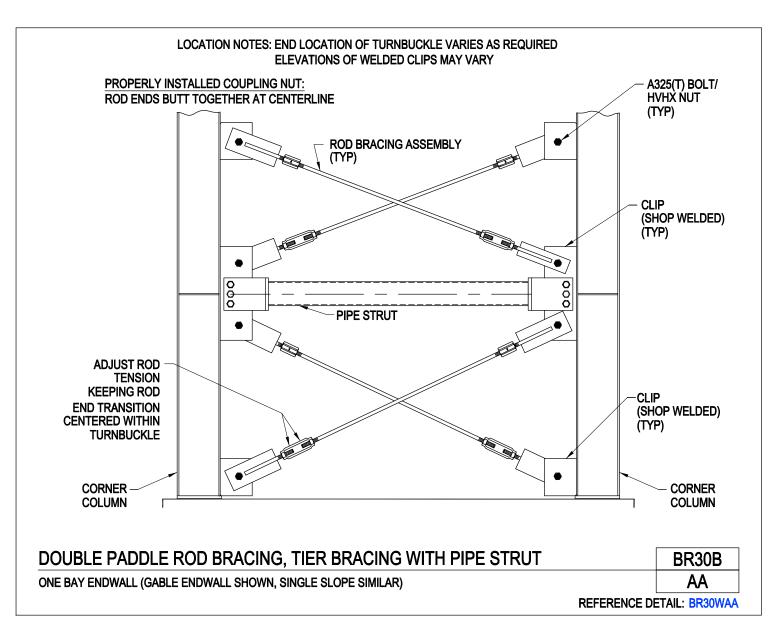
Download the DWG file by clicking here.



BRACING

A NUCOR COMPANY

Double Paddle Rod Bracing, Tier Bracing With Pipe Strut One Bay Endwall (Gable Endwall Shown, Single Slope Similar) BR30B/AA



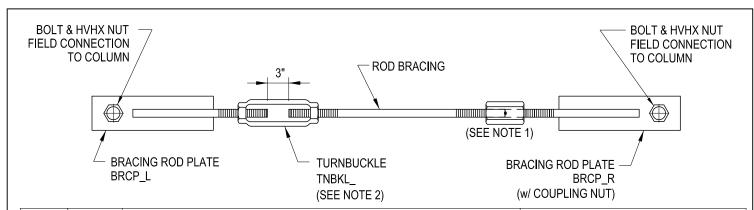
Download the DWG file by clicking here.

A NUCOR COMPANY

PRODUCT MANUAL

BRACINO

Double Paddle, Rod Bracing Assembly
Double Paddle-Single Rod Bracing Assemblies, Attach Only (1) Paddle to Each Gusset Plate
BR30W/AA



	"D"		REQUIRED F	BRACING ROD PLATE CONNECTION				
ROD Ø		ROD BRACING	LEFT HAND BRACING ROD PLATE	TURNBUCKLE	RIGHT HAND BRACING ROD PLATE (w/ COUPLING NUT)		A325(T) BOLT AT BRCP_(L/R)	HVHX NUT AT BRCP_(L/R)
5/8"	1'-2 1/4"	BR5-	BRCP5L	TNBKL5	BRCP5R	(w/ CPN5)		(2) 1 HVHX NUT
3/4"	1'-2 1/4"	BR6-	BRCP6L	TNBKL6	BRCP6R	(w/ CPN6)	(2) 1X3 1/4 A325T	
7/8"	1'-2 1/4"	BR7-	BRCP7L	TNBKL7	BRCP7R	(w/ CPN7)		
1"	1'-2 1/4"	BR8-	BRCP8L	TNBKL8	BRCP8R	(w/ CPN8)		
1 1/8"	1'-2 3/4"	BR9-	BRCP9L	TNBKL9	BRCP9R	(w/ CPN9)	(2) 1 1/4X3 1/4 A325 w/1 1/4 HVHX NUT	
1 1/4"	1'-2 3/4"	BR10-	BRCP10L	TNBKL10	BRCP10R	(w/ CPN10)		

NOTES:

- PROPERLY INSTALLED COUPLING NUT:
 ROD AT BRACING ROD PLATE (BRCP_R) AND ROD BRACING (BR_-) ENDS BUTT TOGETHER AT CENTERLINE OF COUPLING NUT.
- 2.) TURNBUCKLES REQUIRED FOR ROD ADJUSTMENT FOR THIS FIXED END PLATE CONNECTION. ONLY (1) TURNBUCKLE ALLOWED PER ROD ASSEMBLY.

DOUBLE PADDLE, ROD BRACING ASSEMBLY

BR30W

DOUBLE PADDLE - SINGLE ROD BRACING ASSEMBLIES, ATTACH ONLY (1) PADDLE TO EACH GUSSET PLATE

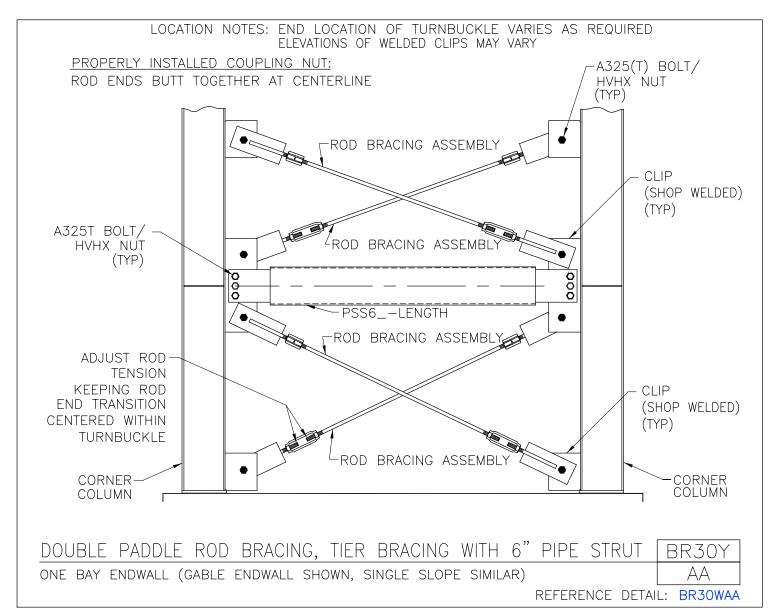
AA

Download the DWG file by clicking here.

PRODUCT MANUAL

A NUCOR COMPANY

Double Paddle Rod Bracing, Tier Bracing With 6" Pipe Strut One Bay Endwall (Gable Endwall Shown, Single Slope Similar) BR30Y/AA

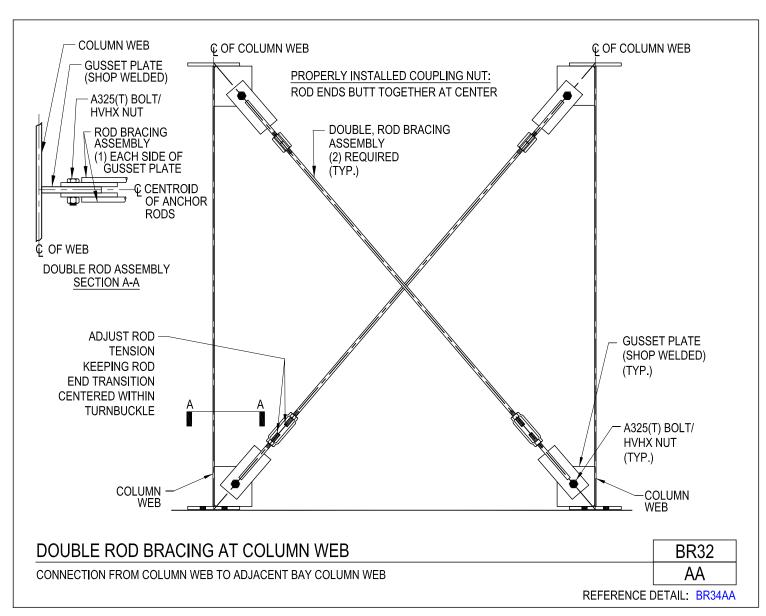


Download the DWG file by clicking here.



BRACING

Double Rod Bracing at Column Web Connection From Column Web to Adjacent Bay Column Web BR32/AA



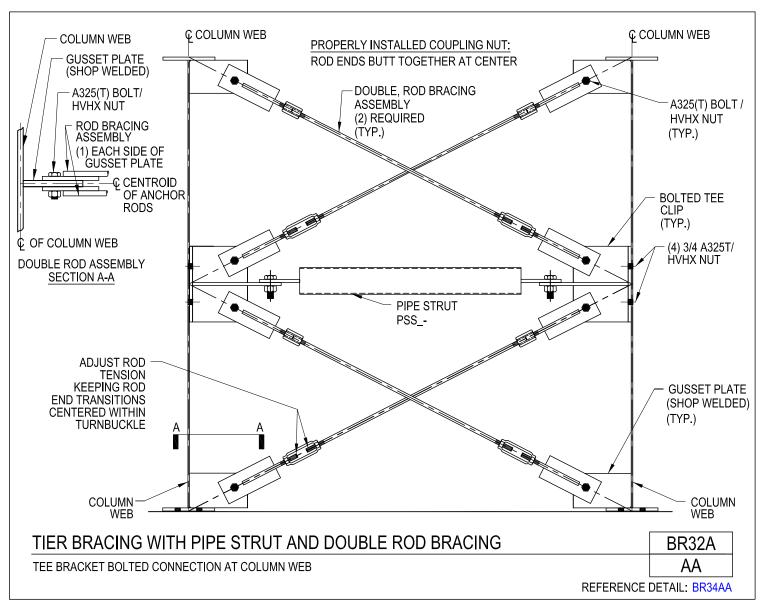
Download the DWG file by clicking here.

AMERICAN BUILDINGS A PUCCE COMPANY

PRODUCT MANUAL

DRACING

Tier Bracing With Pipe Strut And Double Rod Bracing Tee Bracket Bolted Connection at Column Web BR32A/AA

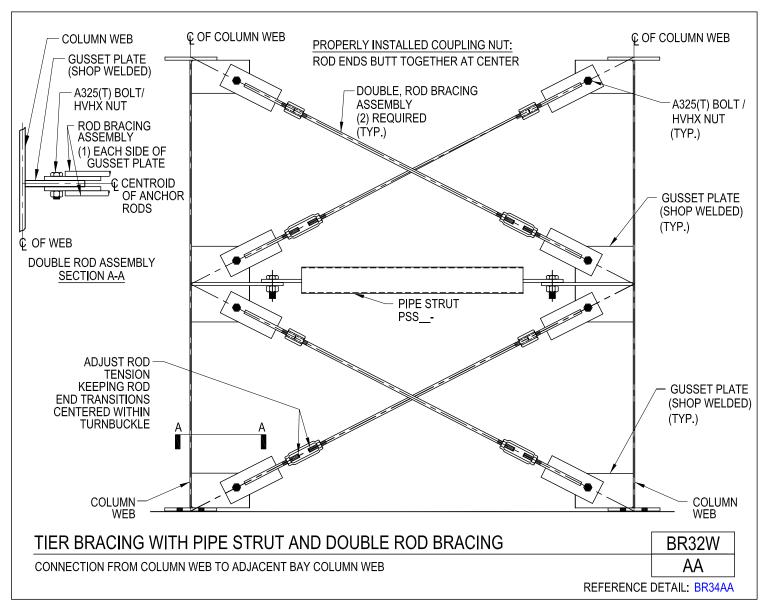


Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

Tier Bracing With Pipe Strut And Double Rod Bracing Connection From Column Web to Adjacent Bay Column Web BR32W/AA

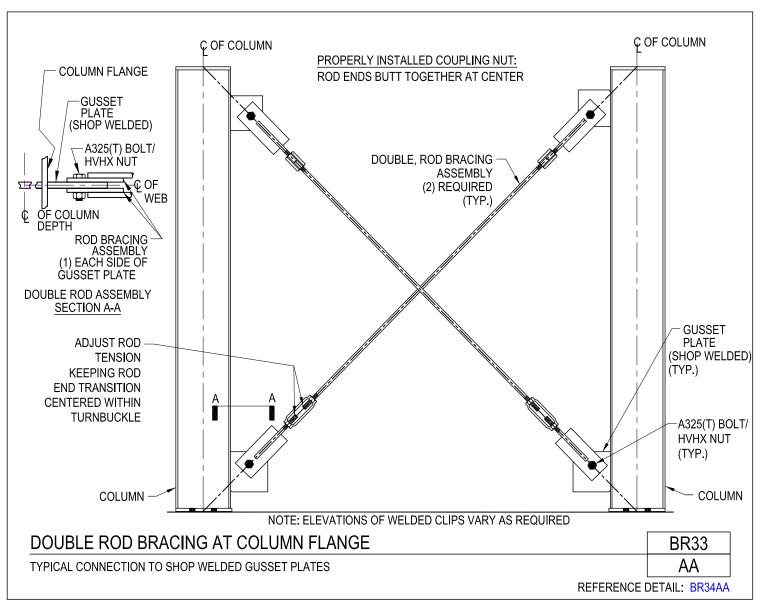


Download the DWG file by clicking here.

PRODUCT MANUAL

A NUCOR COMPANY

Double Rod Bracing at Column Flange Typical Connection to Shop Welded Gusset Plates BR33/AA



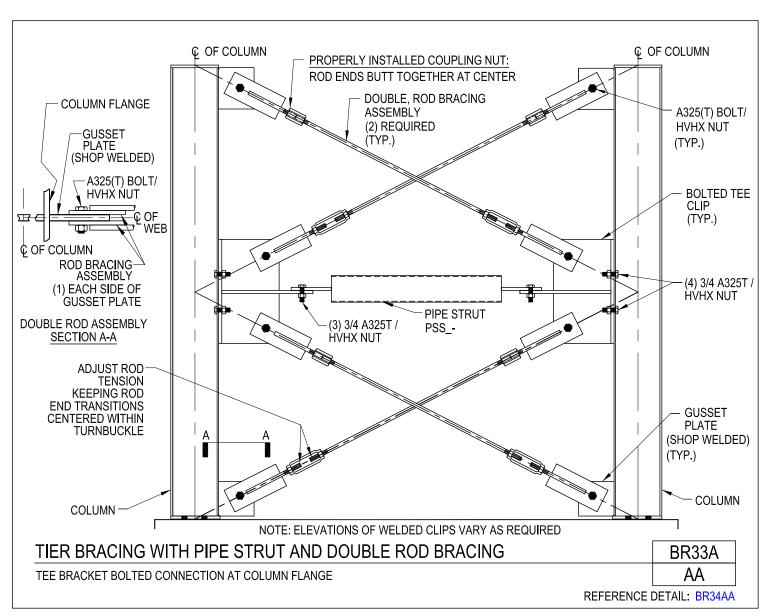
Download the DWG file by clicking here.

AMERICAN BUILDINGS A PUCCE COMPANY

PRODUCT MANUAL

RKACING

Tier Bracing With Pipe Strut And Double Rod Bracing Tee Bracket Bolted Connection at Column Flange BR33A/AA



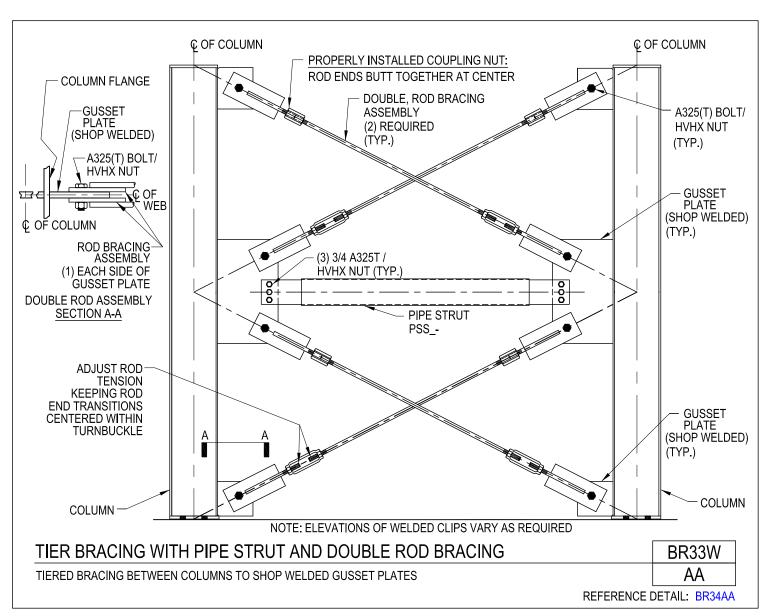
Download the DWG file by clicking here.

AMERICAN BUILDINGS A PUCCE COMPANY

PRODUCT MANUAL

BRACING

Tier Bracing With Pipe Strut And Double Rod Bracing
Tiered Bracing Between Columns to Shop Welded Gusset Plates
BR33W/AA

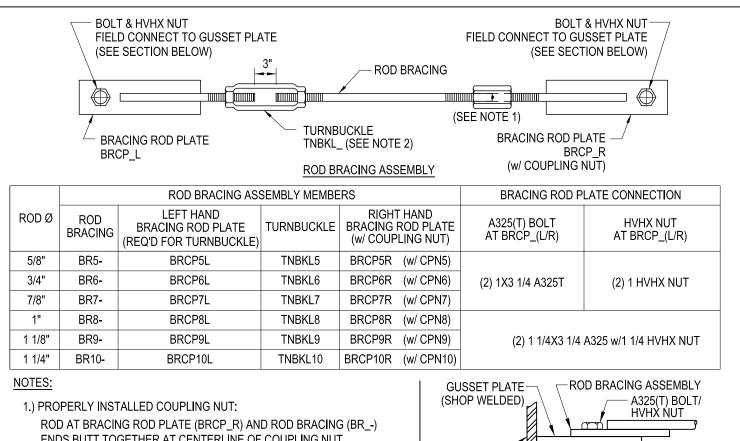


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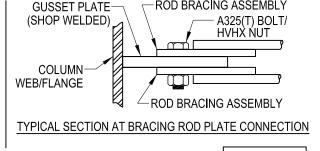
PRODUCT MANUAL

A NUCOR COMPANY

Double Rod Bracing Assembly Double Rod Bracing Assemblies at Each Side of Gusset Plate BR34/AA



- ENDS BUTT TOGETHER AT CENTERLINE OF COUPLING NUT.
- 2.) TURNBUCKLES ARE REQUIRED FOR ROD ADJUSTMENT FOR THIS FIXED END PLATE CONNECTION. ONLY (1) TURNBUCKLE ALLOWED PER ROD ASSEMBLY.



DOUBLE ROD BRACING ASSEMBLY

DOUBLE ROD BRACING ASSEMBLIES AT EACH SIDE OF GUSSET PLATE

BR34 AA

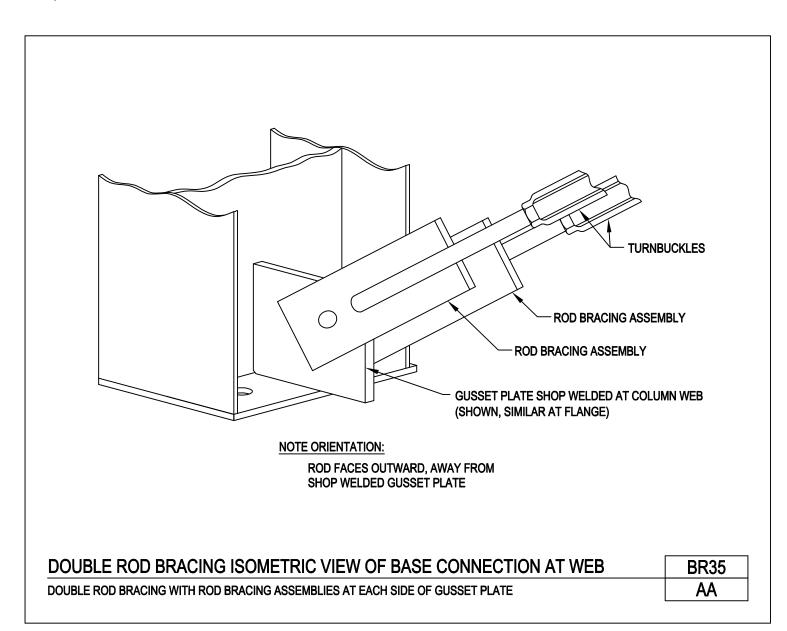
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A NUCOR COMPANY

Double Rod Bracing Isometric View of Base Connection at Web Double Rod Bracing With Rod Bracing Assemblies at Each Side of Gusset Plate BR35/AA



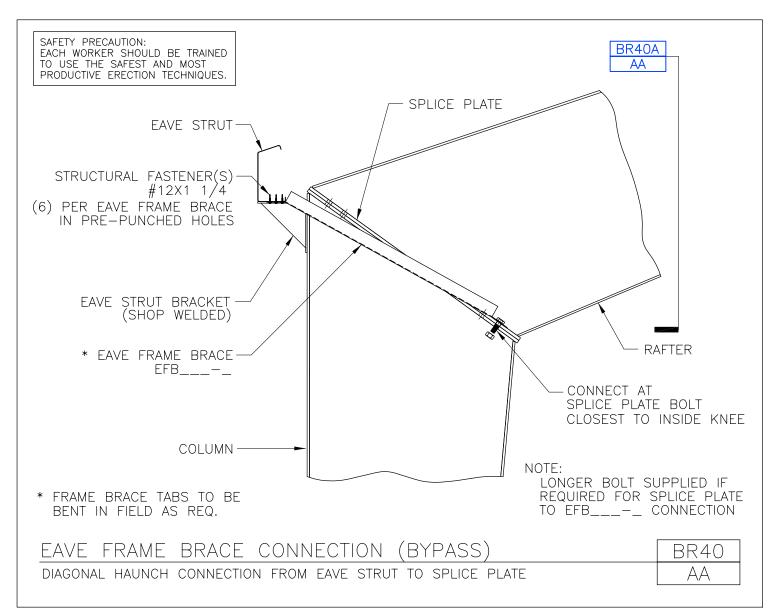
Download the DWG file by clicking here.

A NUCOR COMPANY

PRODUCT MANUAL

MERICAN

Eave Frame Brace Connection (Bypass)
Diagonal Haunch Connection From Eave Strut to Splice Plate
BR40/AA

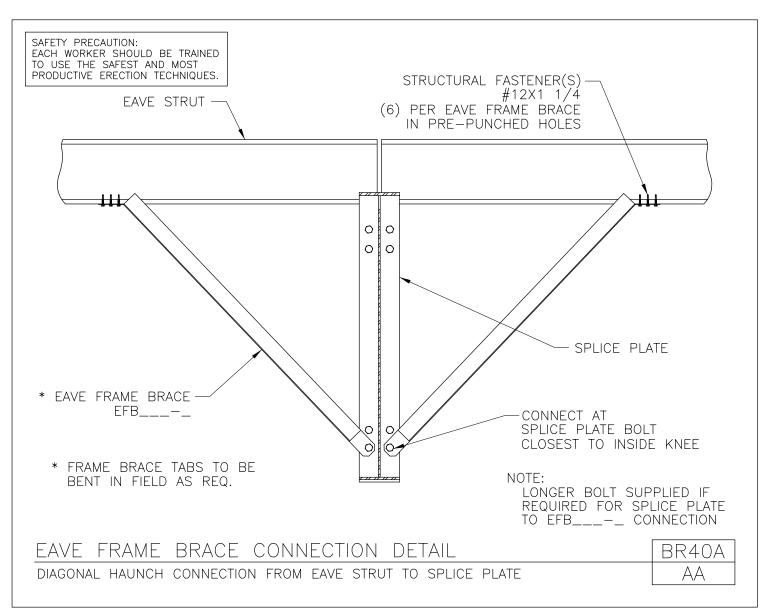


Download the DWG file by clicking here.

PRODUCT MANUAL

A NUCOR COMPANY

Eave Frame Brace Connection Detail
Diagonal Haunch Connection From Eave Strut to Splice Plate
BR40A/AA



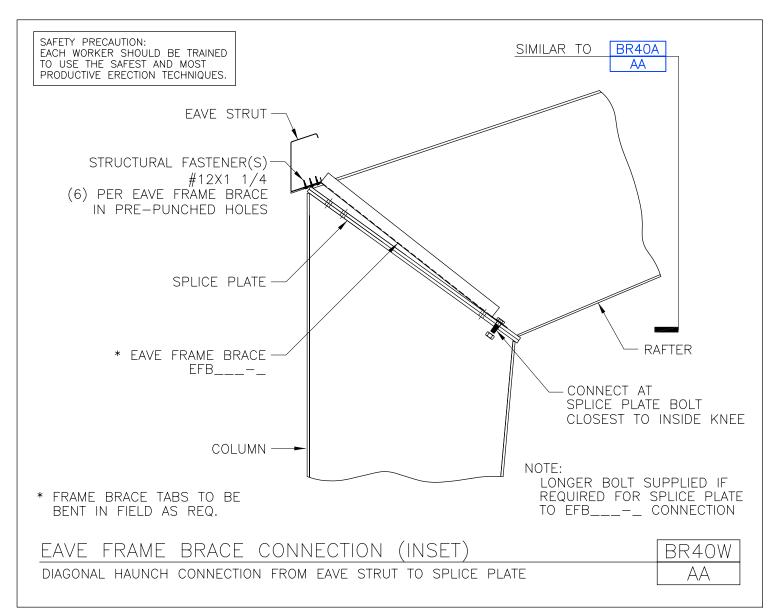
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A NUCOR COMPANY

Eave Frame Brace Connection (Inset)
Diagonal Haunch Connecion From Eave Strut to Splice Plate
BR40W/AA



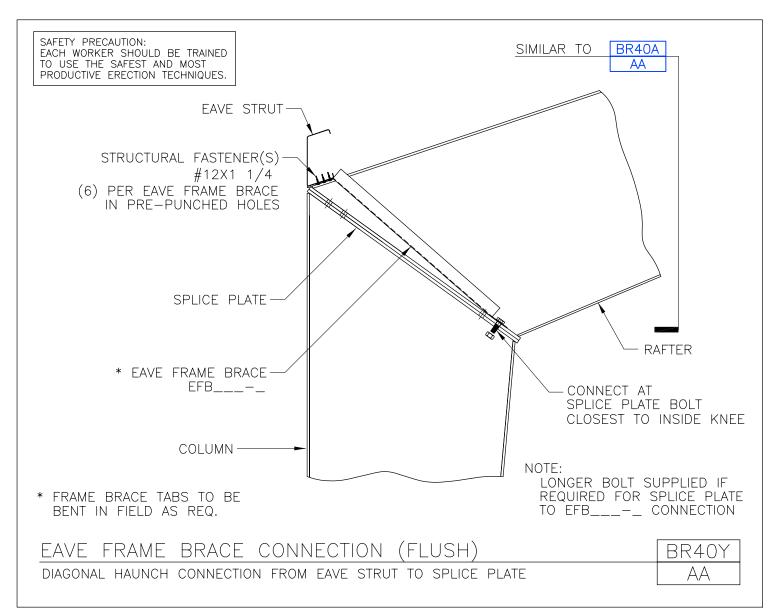
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A NUCOR COMPANY

Eave Frame Brace Connection (Flush)
Diagonal Haunch Connection From Eave Strut to Splice Plate
BR40Y/AA

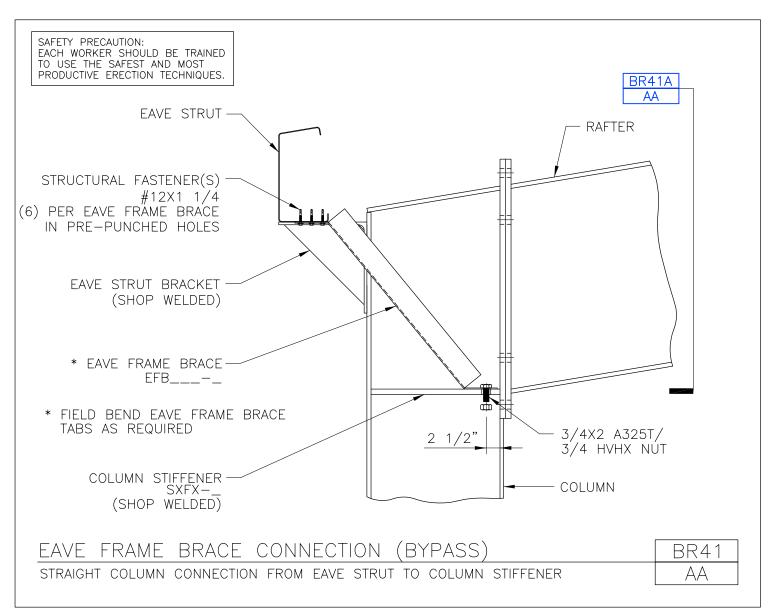


Download the DWG file by clicking here.

PRODUCT MANUAL

A NUCOR COMPANY

Eave Frame Brace Connection (Bypass)
Straight Column Connection From Eave Strut to Column Stiffener
BR41/AA



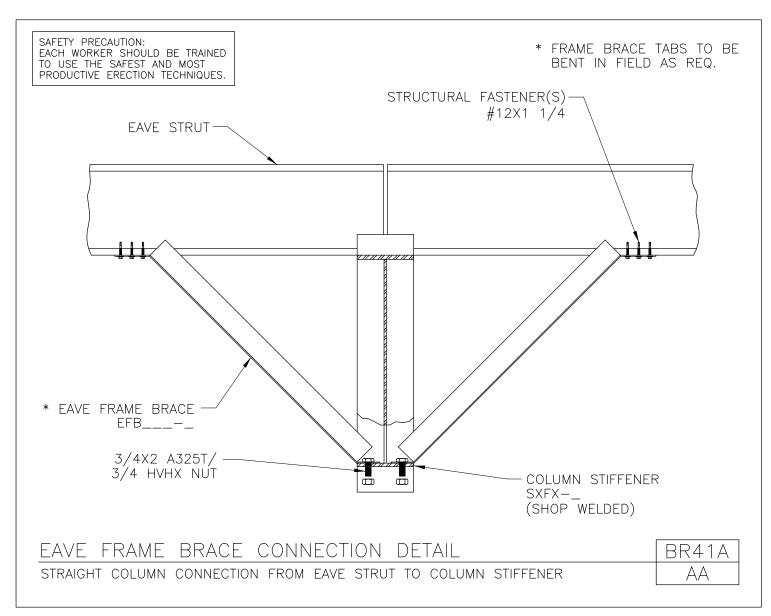
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A NUCOR COMPANY

Eave Frame Brace Connection Detail Straight Column Connection From Eave Strut to Column Stiffener BR41A/AA

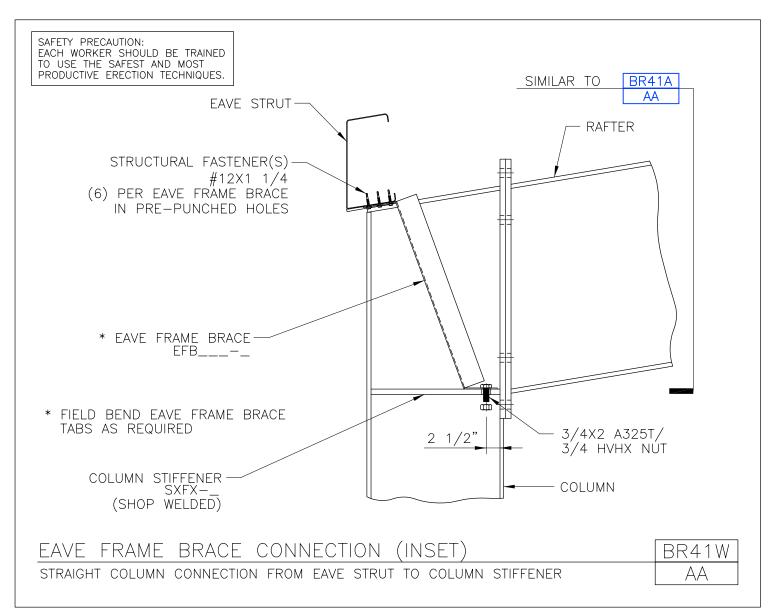


Download the DWG file by clicking here.

PRODUCT MANUAL

A NUCOR COMPANY

Eave Frame Brace Connection (Inset)
Straight Column Connection From Eave Strut to Column Stiffener
BR41W/AA



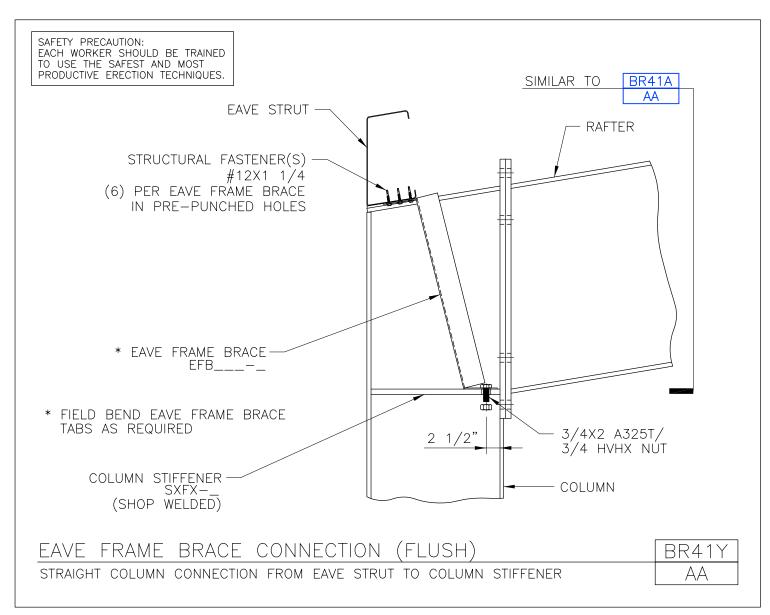
Download the DWG file by clicking here.

PRODUCT MANUAL

DRACING

A NUCOR COMPANY

Eave Frame Brace Connection (Flush)
Straight Column Connection From Eave Strut to Column Stiffener
BR41Y/AA



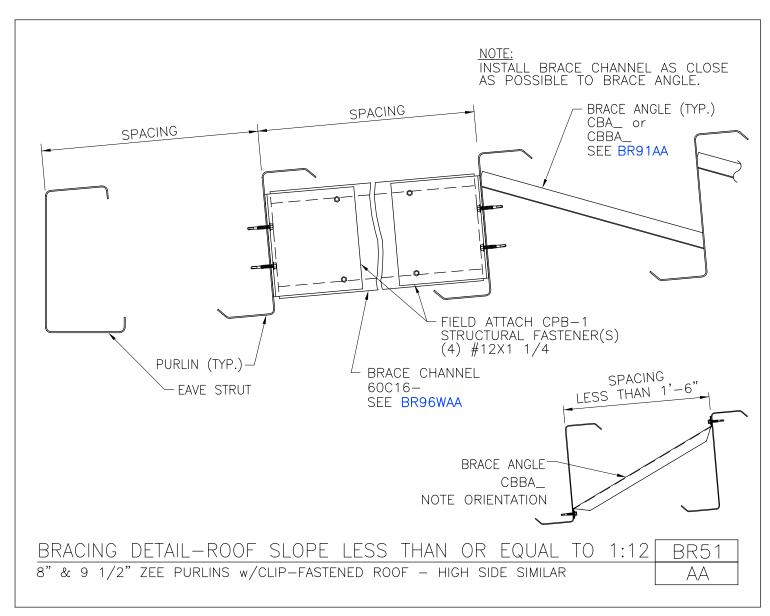
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A NUCOR COMPANY

Bracing Detail - Roof Slope Less Than or Equal to 1:12 8" & 9 1/2" Zee Purlins w/ Clip-Fastened Roof - High Side Similar BR51/AA

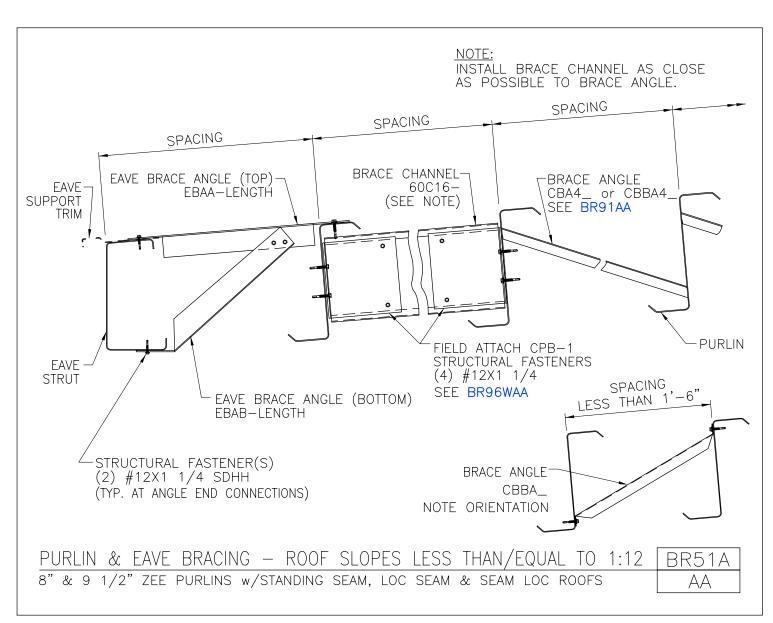


Download the DWG file by clicking here.

PRODUCT MANUAL

A NUCOR COMPANY

Purlin & Eave Bracing - Roof Slopes Less Than/Equal To 1:12 8" & 9 1/2" Zee Purlins w/ Standing Seam, Loc Seam Roofs BR51A/AA



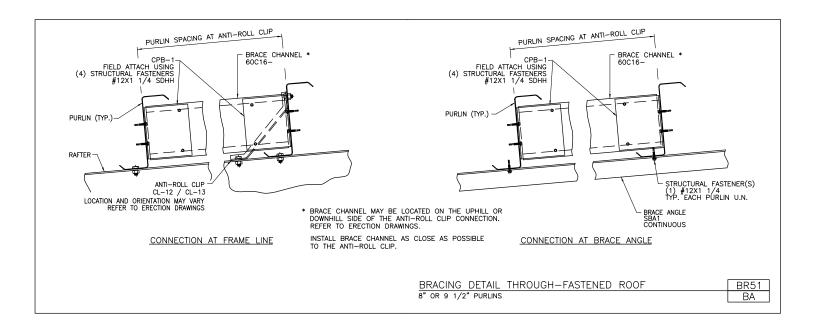
Download the DWG file by clicking here.



BRACINO

A NUCOR COMPANY

Bracing Detail Through-Fastened Roof 8" or 9 1/2" Purlins BR51/BA



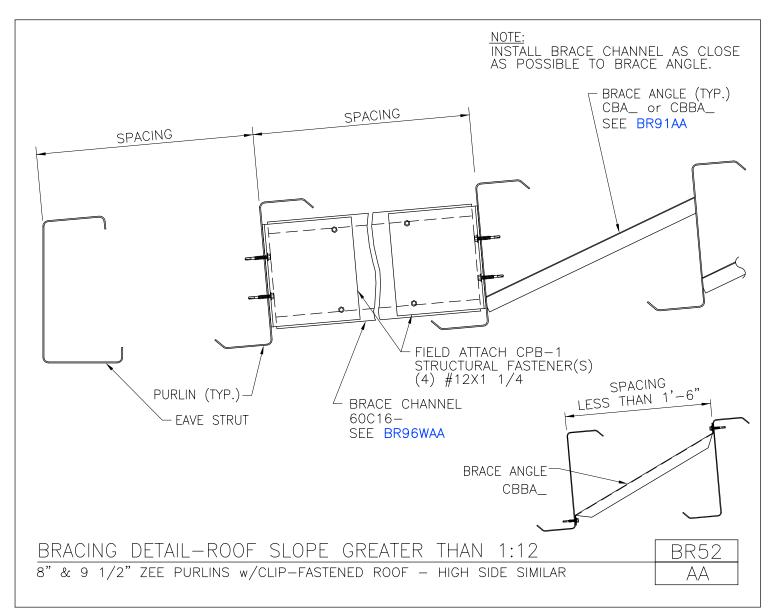
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A NUCOR COMPANY

Bracing Detail-Roof Slope Greater Than 1:12 8" & 9 1/2" Zee Purlins w/ Clip-Fastened Roof - High Side Similar BR52/AA



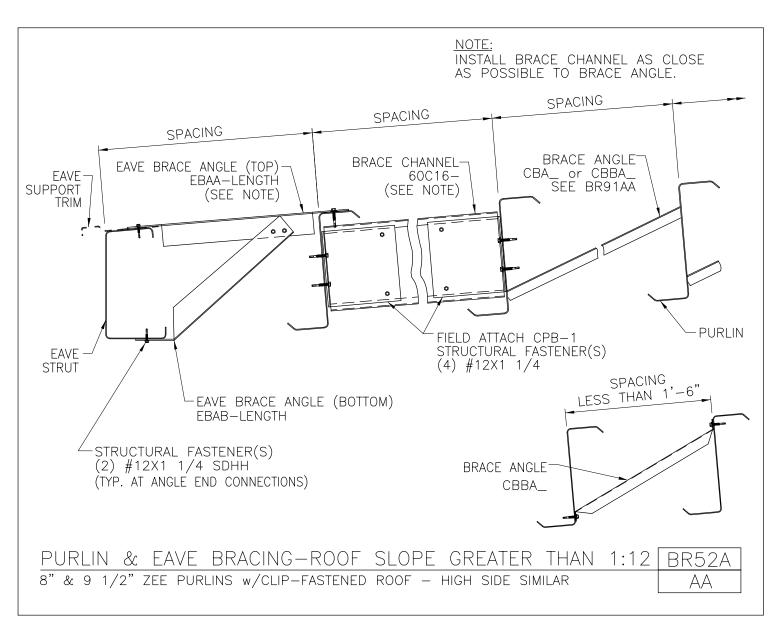
Download the DWG file by clicking here.

A NUCOR COMPANY

PRODUCT MANUAL

BRACING

Purlin & Eave Bracing - Roof Slope Greater Than 1:12 8" & 9 1/2" Zee Purlins w/ Clip-Fastened Roof - High Side Similar BR52A/AA



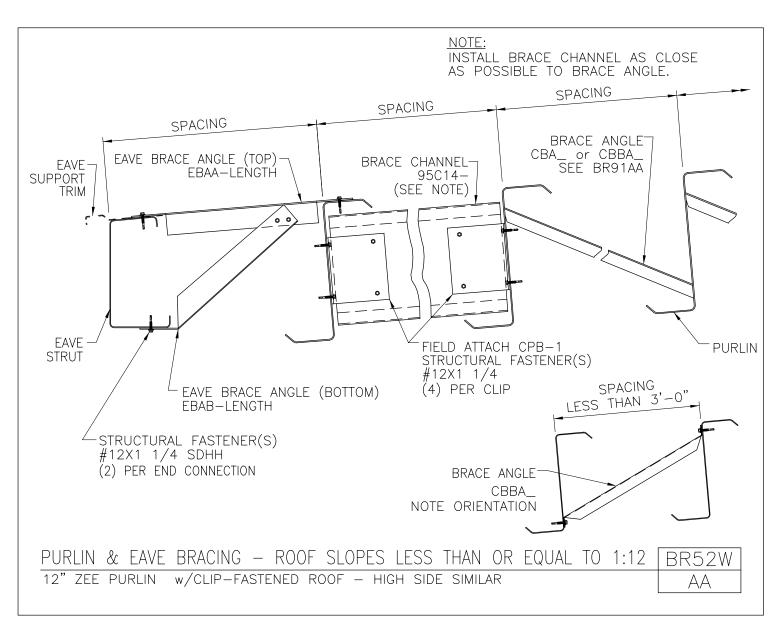
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A NUCOR COMPANY

Purlin & Eave Bracing - Roof Slopes Less Than or Equal to 1:12 12" Zee Purlin w/ Clip-Fastened Roof - High Side Similar BR52W/AA



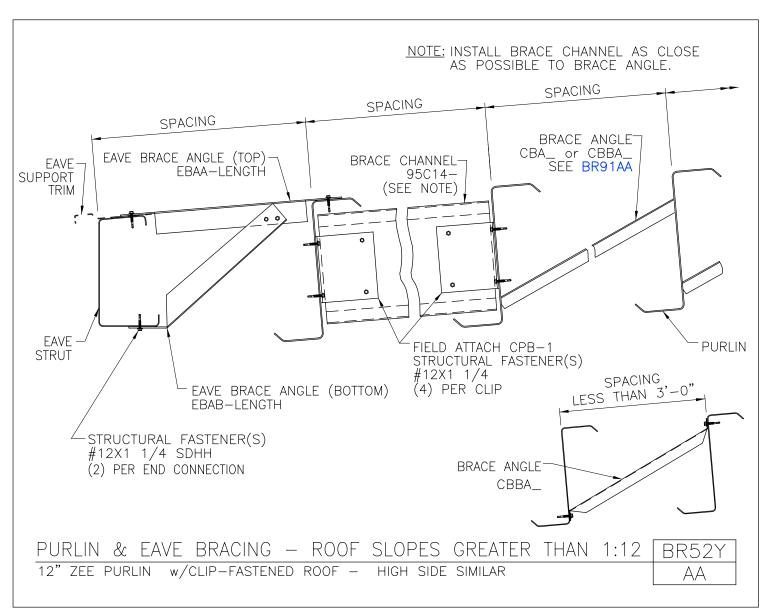
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A NUCOR COMPANY

Purlin & Eave Bracing - Roof Slopes Greater Than 1:12 12" Zee Purlin w/ Clip Fastened Roof - High Side Similar BR52Y/AA



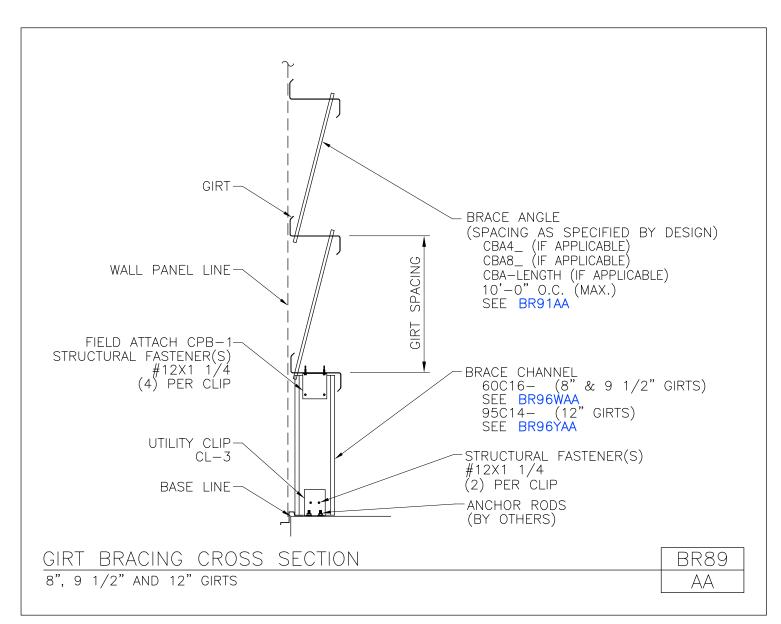
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BRACING

A NUCOR COMPANY

Girt Bracing Cross Section 8", 9 1/2" or 12" Girts BR89/AA



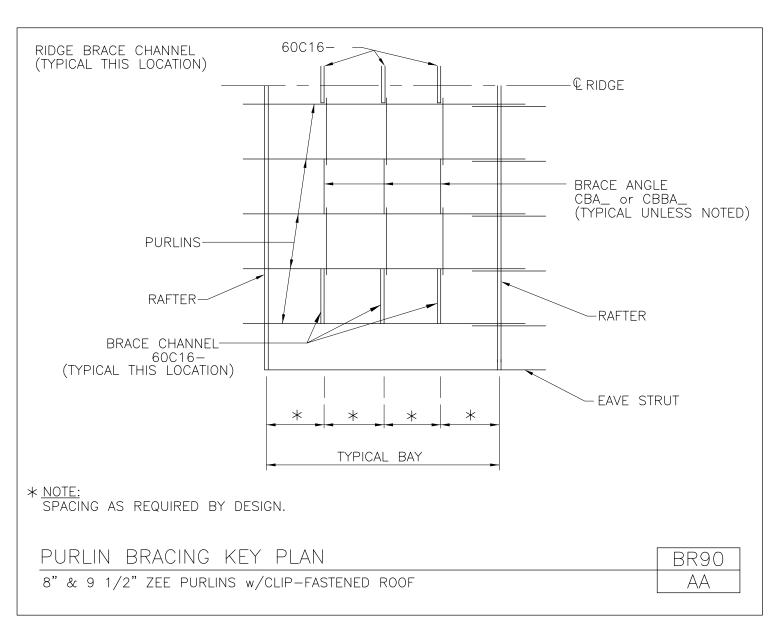
Download the DWG file by clicking here.



BRACING

A NUCOR COMPANY

Purlin Bracing Key Plan 8" & 9 1/2" Zee Purlins w/ Clip-Fastened Roof BR90/AA



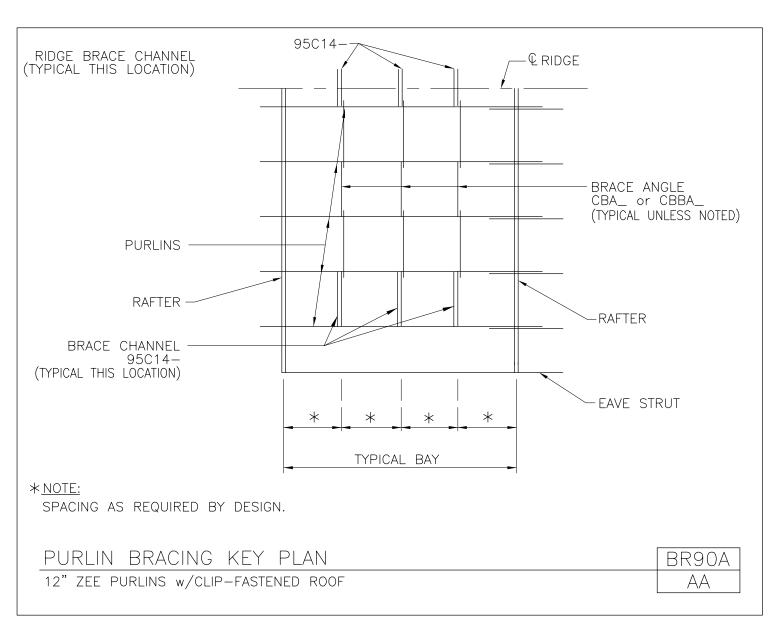
Download the DWG file by clicking here.



BRACING

A NUCOR COMPANY

Purlin Bracing Key Plan 12" Zee Purlins w/ Clip-Fastened Roof BR90A/AA



Download the DWG file by clicking here.

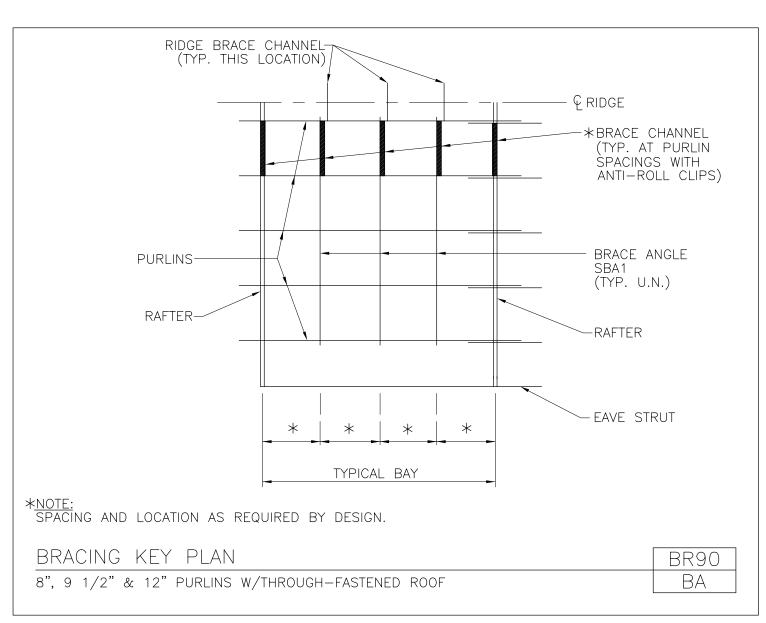
A NUCOR COMPANY

BR90/BA

PRODUCT MANUAL

BRACINC

Bracing Key Plan 8", 9 1/2" & 12" Purlins w/ Through-Fastened Roof



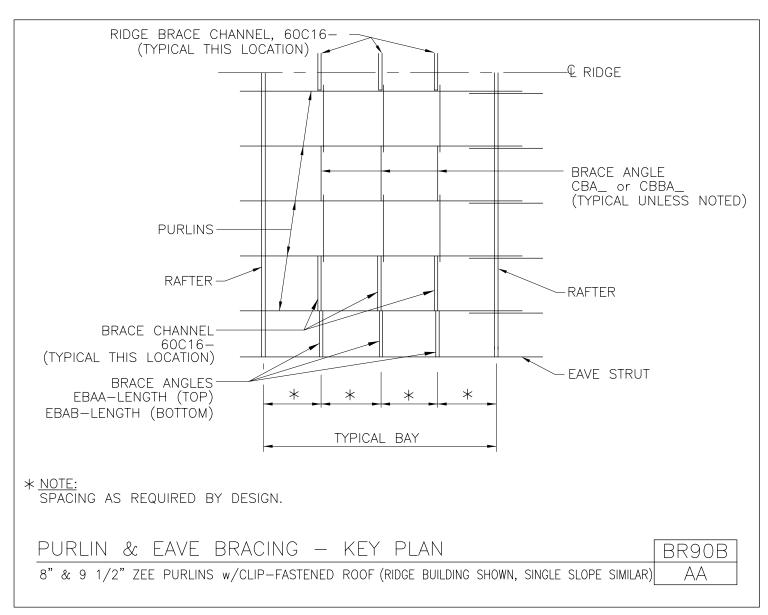
Download the DWG file by clicking here.

A NUCOR COMPANY

PRODUCT MANUAL

MERICAN

Purlin & Eave Bracing - Key Plan 8" & 9 1/2" Zee Purlins w/ Clip-Fastened Roof (Ridge Building Shown, Single Slope Similar) BR90B/AA



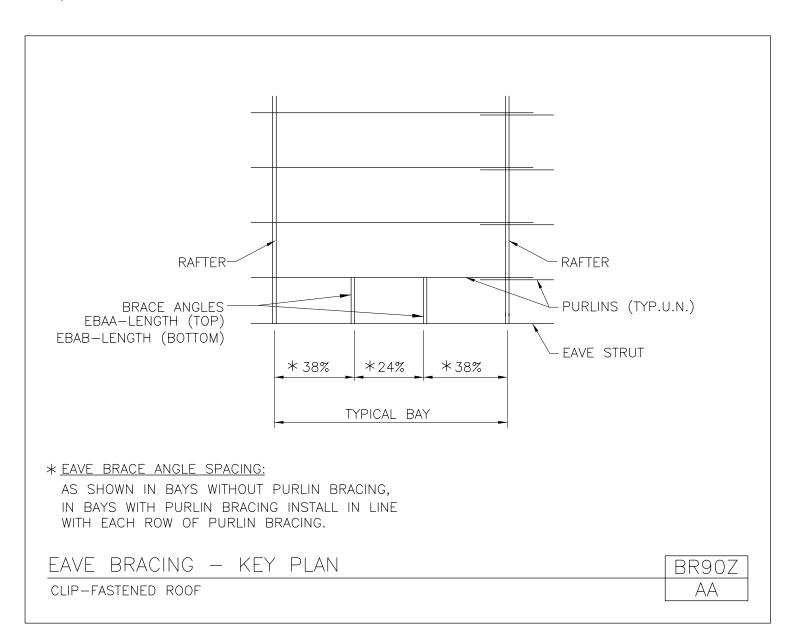
Download the DWG file by clicking here.



BRACING

A NUCOR COMPANY

Eave Bracing - Key Plan Clip-Fastened Roof BR90Z/AA



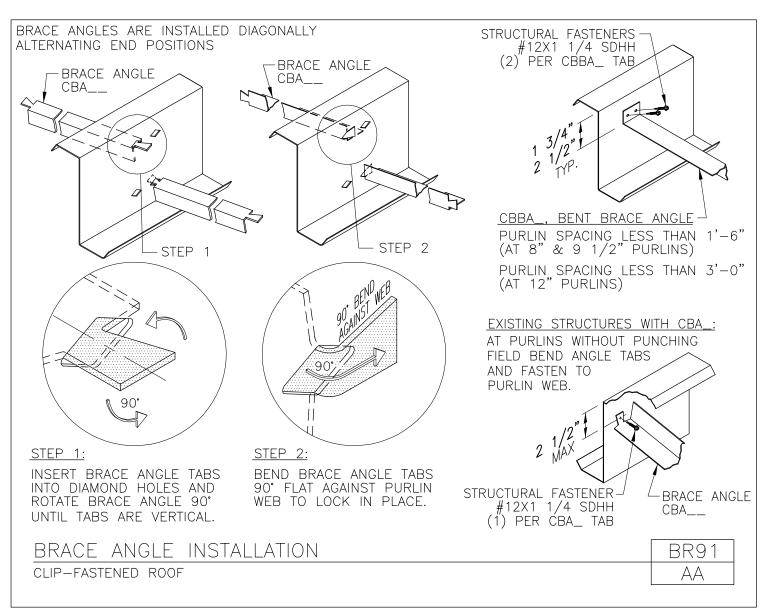
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A NUCOR COMPANY

Brace Angle Installation Clip-Fastened Roof BR91/AA



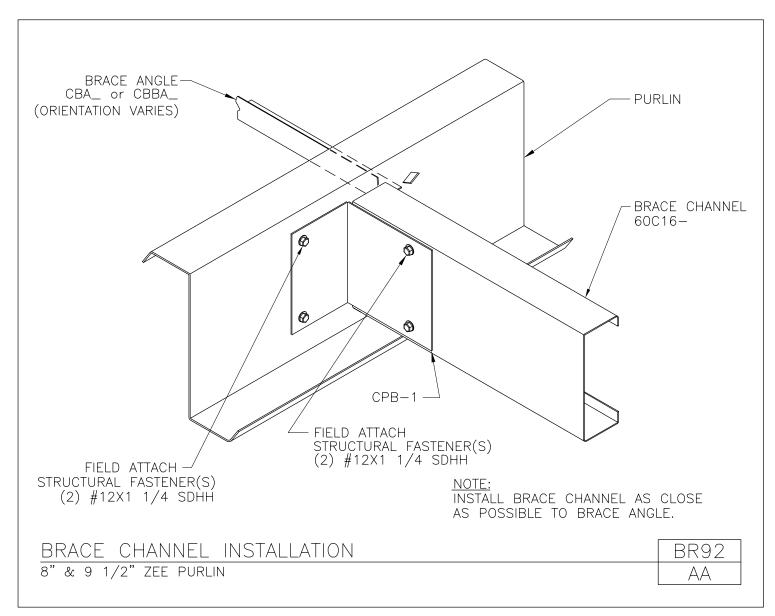
Download the DWG file by clicking here.



BRACING

A NUCOR COMPANY

Brace Channel Installation 8" & 9 1/2" Zee Purlin BR92/AA



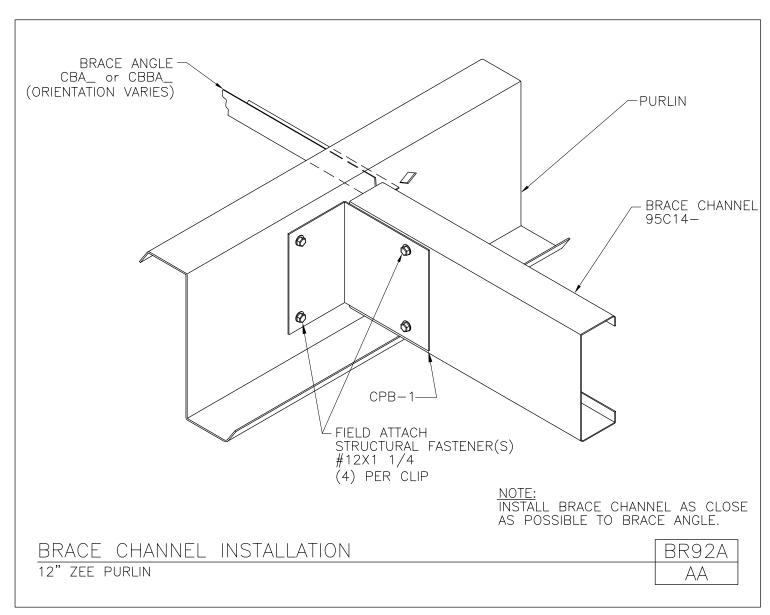
Download the DWG file by clicking here.



BRACING

A NUCOR COMPANY

Brace Channel Installation 12" Zee Purlin BR92A/AA



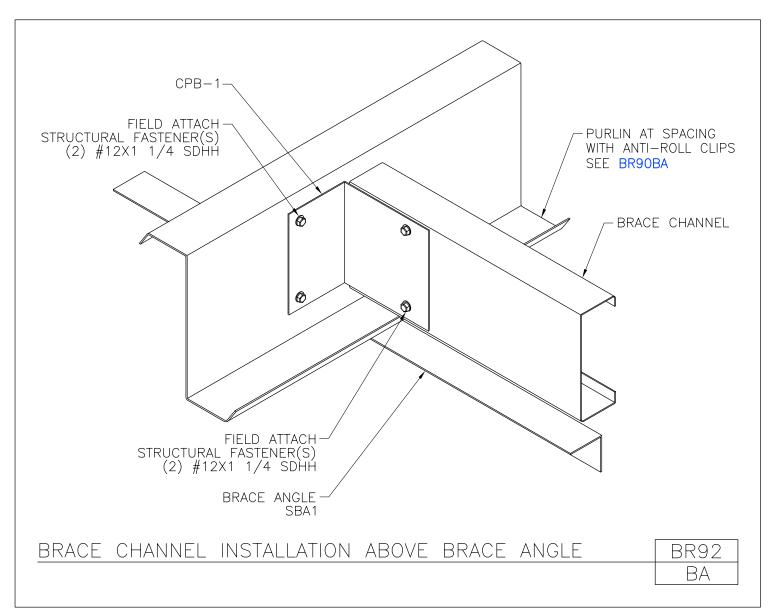
Download the DWG file by clicking here.



BRACING

Brace Channel Installation Above Brace Angle

BR92/BA



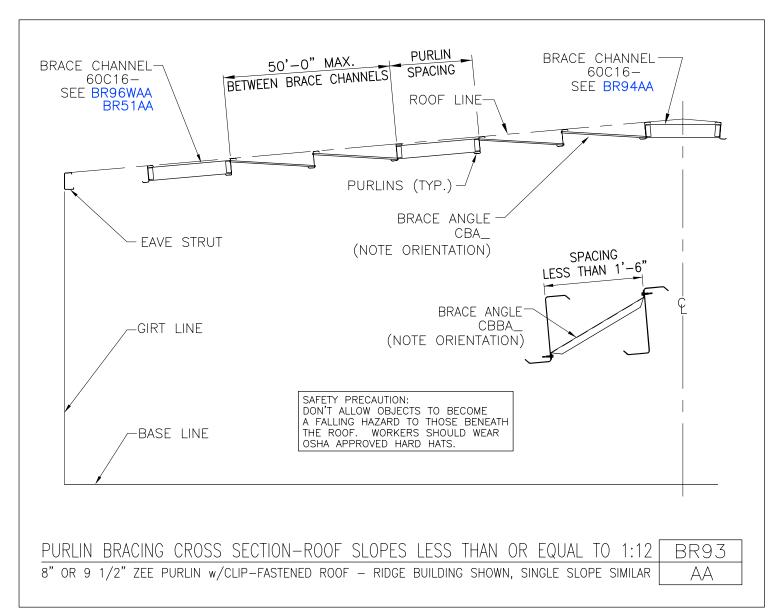
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A NUCOR COMPANY

Purlin Bracing Cross Section-Roof Slopes Less Than or Equal to 1:12 8" or 9 1/2" Zee Purlin w/ Clip-Fastened Roof - Ridge Building Shown, Single Slope Similar BR93/AA



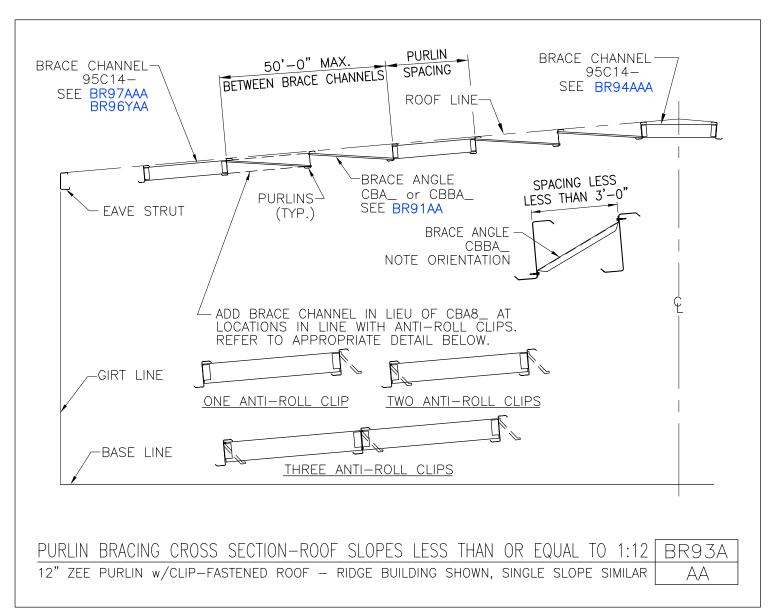
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A MUCOR COMPANY

Purlin Bracing Cross Section - Roof Slopes Less Than or Equal to 1:12 12" Zee Purlin w/ Clip-Fastened Roof - Ridge Building Shown, Single Slope Similar BR93A/AA



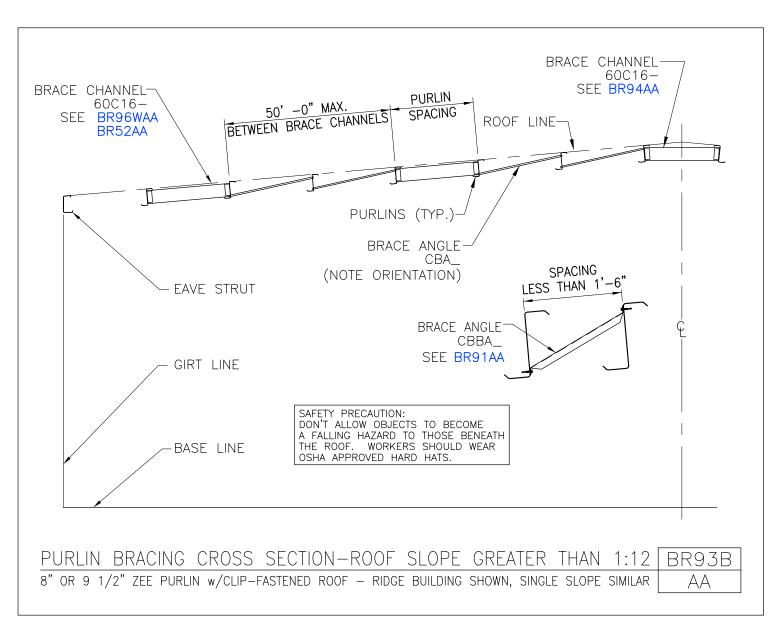
Download the DWG file by clicking here.

A NUCOR COMPANY

PRODUCT MANUAL

BRACINO

Purlin Bracing Cross Section-Roof Slope Greater Than 1:12 8" or 9 1/2" Zee Purlin w/ Clip-Fastened Roof-Ridge Building Shown, Single Slope Similar BR93B/AA



Download the DWG file by clicking here.

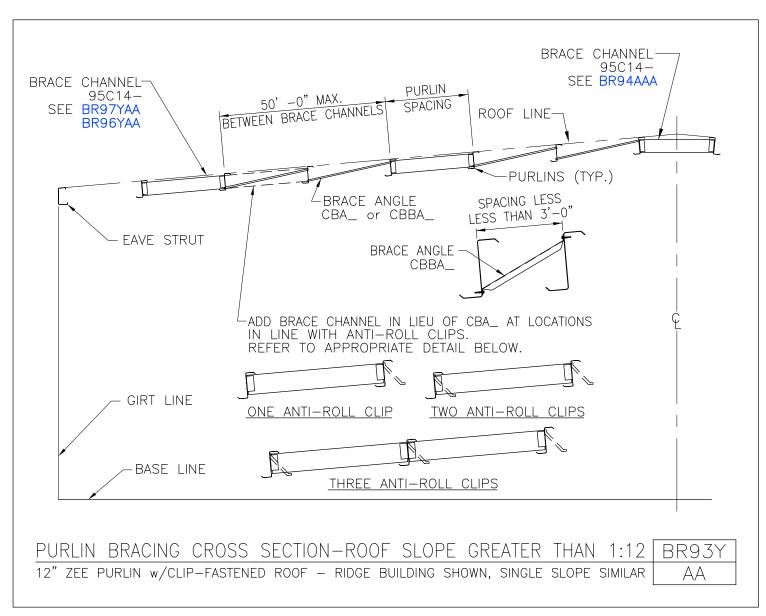
A NUCOR COMPANY

BR93Y/AA

PRODUCT MANUAL

BRACING

Purlin Bracing Cross Section - Roof Slope Greater Than 1:12 12" Zee Purlin w/ Clip-Fastened Roof - Ridge Shown, Single Slope Similar



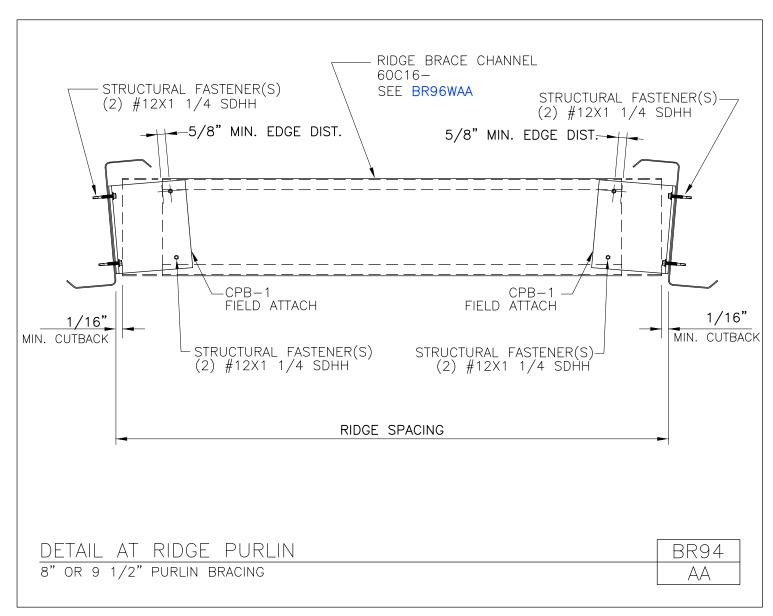
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BRACING

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Detail at Ridge Purlin 8" or 9 1/2" Purlin Bracing BR94/AA



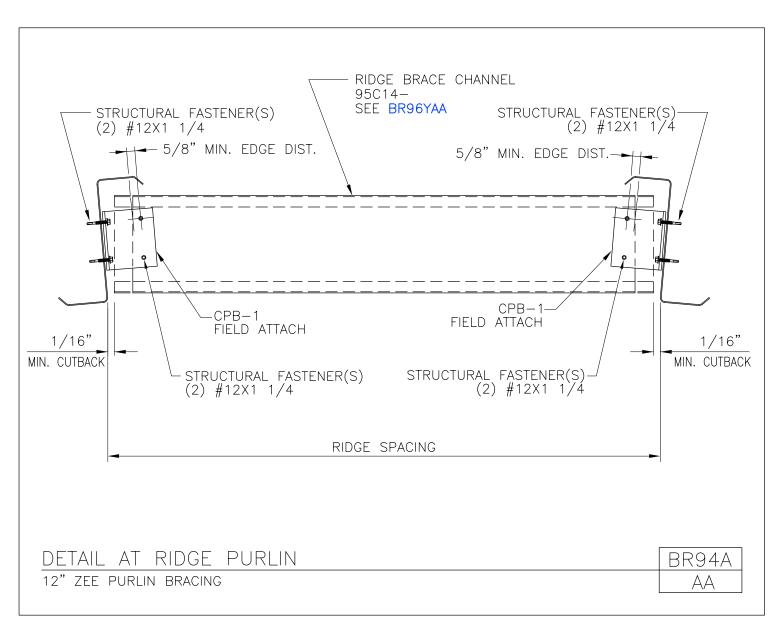
Download the DWG file by clicking here.



BRACING

A NUCOR COMPANY

Detail at Ridge Purlin 12" Zee Purlin Bracing BR94A/AA



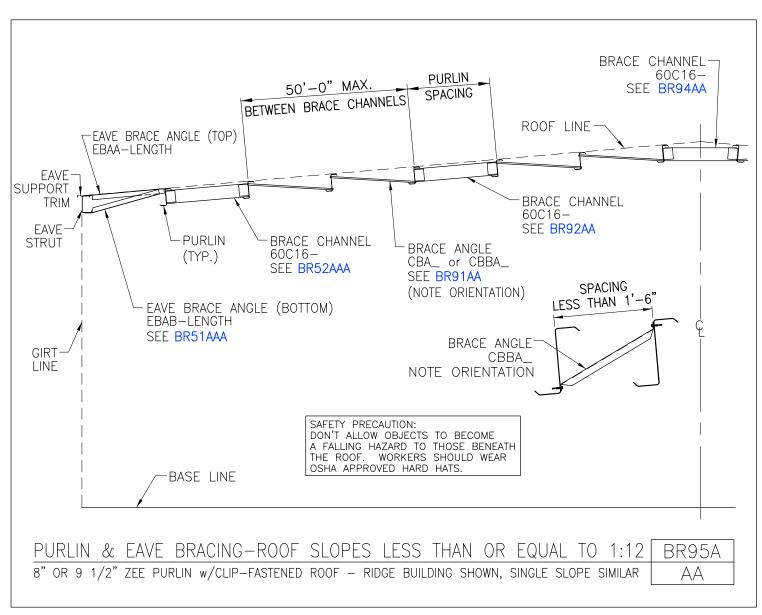
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PRODUCT MANUAL

BRACING

Purlin & Eave Bracing - Roof Slopes Less Than or Equal to 1:12 8" & 9 1/2" Zee Purlins w/ Clip-Fastened Roof - Ridge Building Shown, Single Slope Similar BR95A/AA



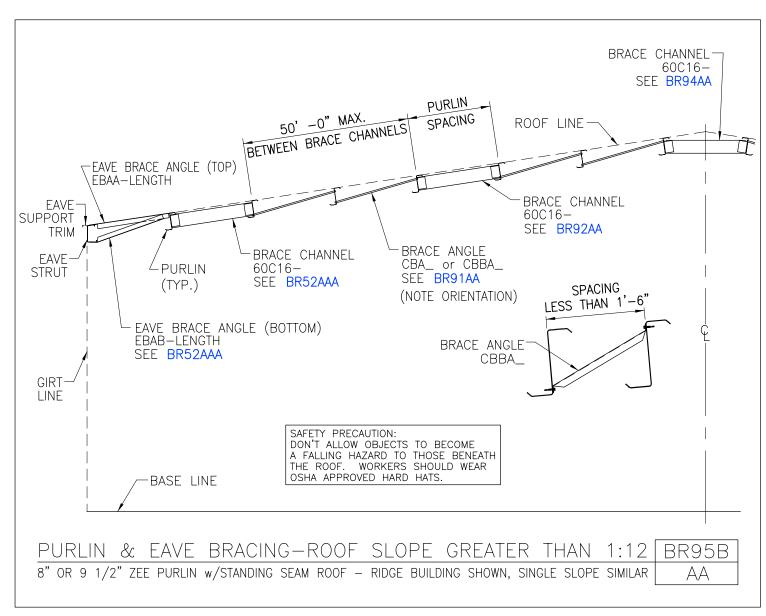
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PRODUCT MANUAL

BRACING

Purlin & Eave Bracing - Roof Slope Greater Than 1:12 8" & 9 1/2" Zee Purlins w/ Standing Seam Roof - Ridge Building Shown, Single Slope Similar BR95B/AA



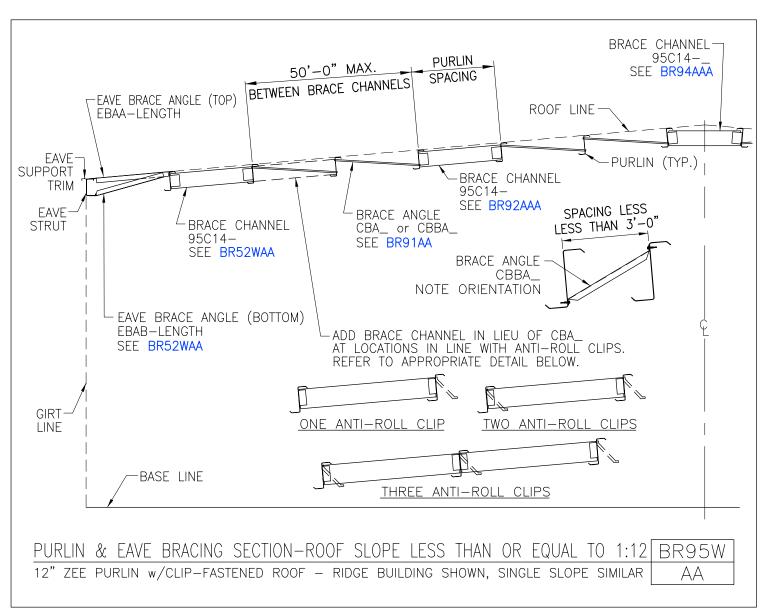
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PRODUCT MANUAL

BRACING

Purlin & Eave Bracing Section - Roof Slope Less Than or Equal to 1:12 12" Zee Purlin w/ Clip-Fastened Roof - Ridge Building Shown, Single Slope Similar BR95W/AA



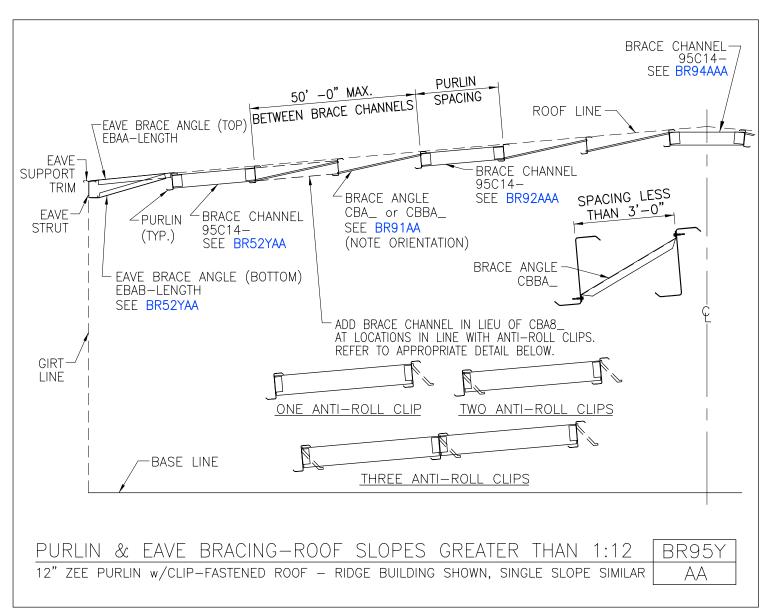
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PRODUCT MANUAL

BRACING

Purlin & Eave Bracing - Roof Slopes Greater Than 1:12 12" Zee Purlin w/ Clip Fastened Roof - Ridge Building Shown, Single Slope Similar BR95Y/AA



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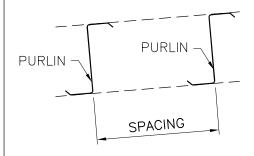


BRACINO

A NUCOR COMPANY

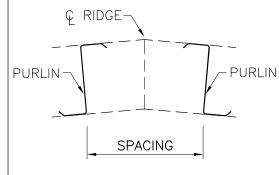
Brace Channel Mark Numbers 8" or 9 1/2" Purlins BR96W/AA

BRACE CHANNEL SPACING:



	BRACE	CH	HANNEL	LENGTH		
60C16-	(LENGTH	=	PURLIN	SPACING	_	3/4")

RIDGE BRACE CHANNEL SPACING:



RIDGE BRACE CHANNEL LENGTH				
SPACING	CHANNEL LENGTH	MARK NUMBER		
1'-11 3/4" TO 2'-4 7/8"	2'-2"	60C16-		
2'-5" TO 2'-11 3/8"	2'-5 5/8"	60C16-		
2'-11 1/2" TO 3'-0"	2'-11 7/8"	60C16-		

NOTE:

CHANNEL LENGTHS ABOVE ARE FOR RETROFIT AT EXISTING BUILDINGS. VERIFY AND FIELD MEASURE ALL SPACINGS.

BRACE CHANNEL MARK NUMBERS

8" OR 9 1/2" PURLINS

BR96W AA

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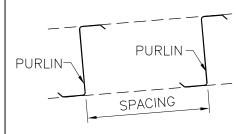


BRACING

A NUCOR COMPANY

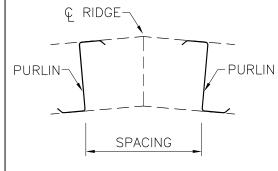
Brace Channel Mark Numbers 12" Zee BR96Y/AA





	BRACE CHANNEL LENGTH
95C14-	(LENGTH = PURLIN SPACING - 3/4")

RIDGE BRACE CHANNEL SPACING:



RIDGE BRACE CHANNEL LENGTH				
SPACING	CHANNEL LENGTH	MARK NUMBER		
1'-9 1/2" TO 2'-2 1/4"	2'-0 1/4"	95C14-		
2'-2 3/8" TO 2'-11 1/4"	2'-4 3/8"	95C14-		
2'-11 3/8" TO 3'-0"	2'-11 7/8"	95C14-		

<u>NOTE:</u> CHANNEL LENGTHS ABOVE ARE FOR RETROFIT AT EXISTING BUILDINGS. VERIFY AND FIELD MEASURE ALL SPACINGS.

BRACE CHANNEL MARK NUMBERS

BR96Y AA

12" ZEE

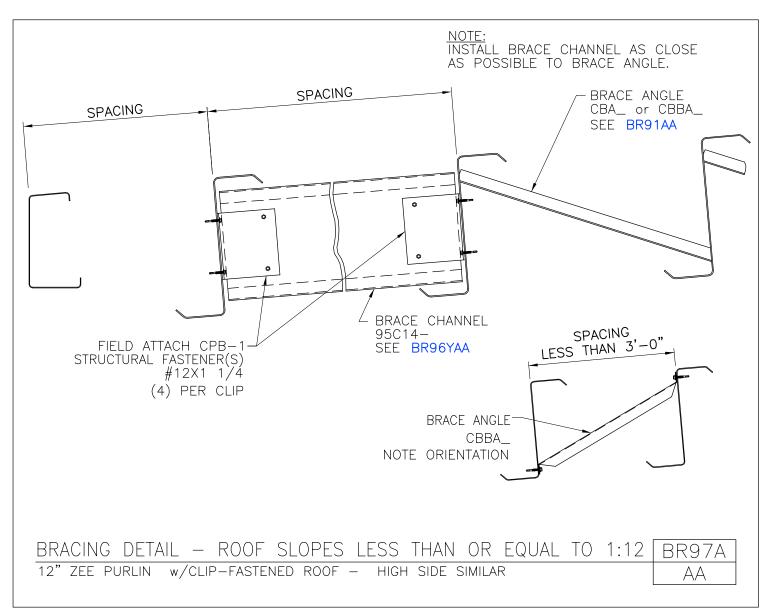
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PRODUCT MANUAL

BRACINO

A NUCOR COMPANY

Bracing Detail - Roof Slopes Less Than or Equal to 1:12 12" Zee Purlin w/ Clip-Fastened Roof - High Side Similar BR97A/AA



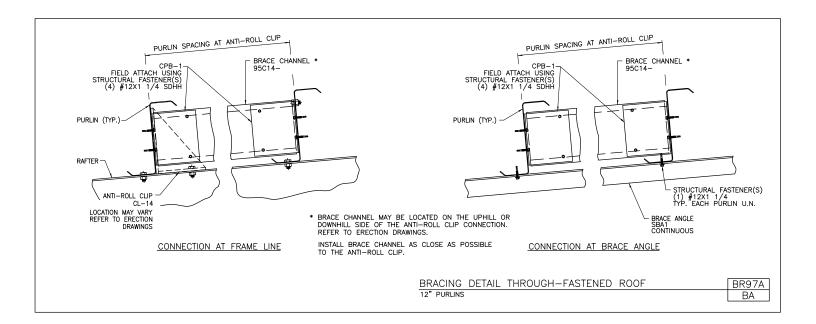
Download the DWG file by clicking here.



BRACING

A NUCOR COMPANY

Bracing Detail Through-Fastened Roof 12" Purlins BR97A/BA



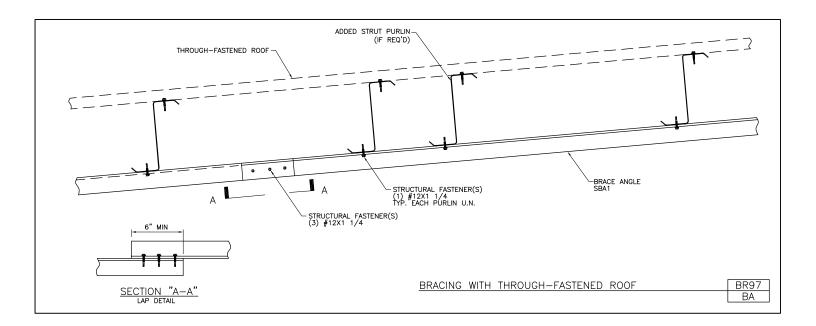
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Bracing w/ Through-Fastened Roof

BR97/BA



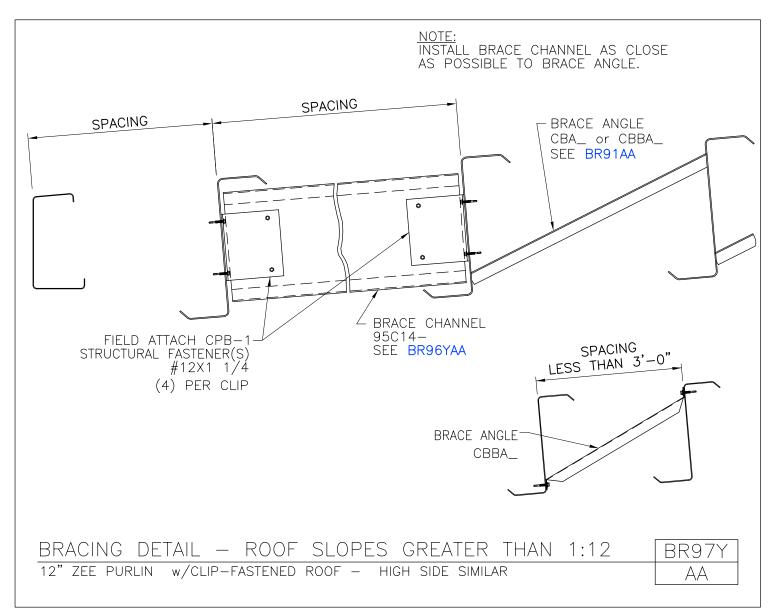
Download the DWG file by clicking here.

PRODUCT MANUAL

BRACING

A NUCOR COMPANY

Bracing Detail - Roof Slopes Greater Than 1:12 12" Zee Purlin w/ Clip-Fastened Roof - High Side Similar BR97Y/AA



Download the DWG file by clicking here.

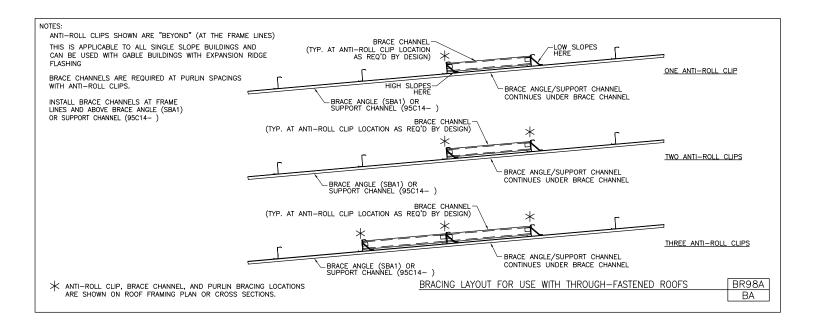


BRACING

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Bracing Layout For Use With Through-Fastened Roofs

BR98A/BA



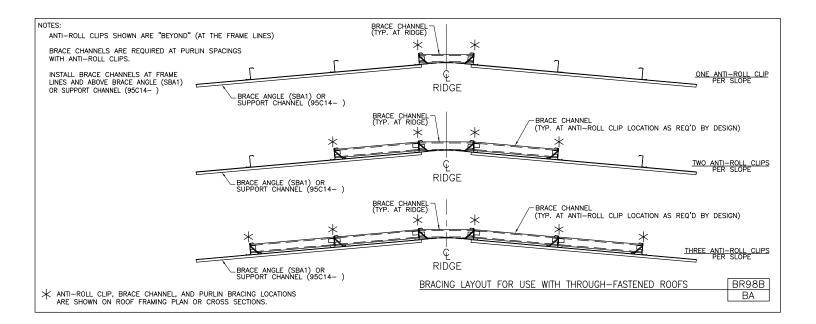
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Bracing Layout For Use With Through-Fastened Roofs

BR98B/BA



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Purlin	Bracing	Notes
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BROA/AA

- 1. APPLICABLE TO ROOFS WITH STANDING SEAM II, STANDING SEAM 360, LOC-SEAM, LOC-SEAM 360 AND SEAM-LOC PANELS.
- 2. PURLINS ARE TO BE INSTALLED WITH PURLIN WEBS 90° TO RAFTERS.
- 3. PURLIN BRACING IS NOT TO DISTORT OR ALTER PURLINS FROM THEIR INTENDED SHAPE AND LOCATION.
- 4. SPACING AS REQUIRED BY DESIGN.
- 5. FOR FACTORY MUTUAL REQUIREMENTS, PURLIN BRACING IS NOT TO EXCEED 80" O.C. AND IS REQUIRED ONLY IN THE END BAYS OF THE BUILDING.

(BRACING NOT APPLICABLE WITH SCREW DOWN ROOF SYSTEMS)

PURLIN BRACING NOTES

BROA AA

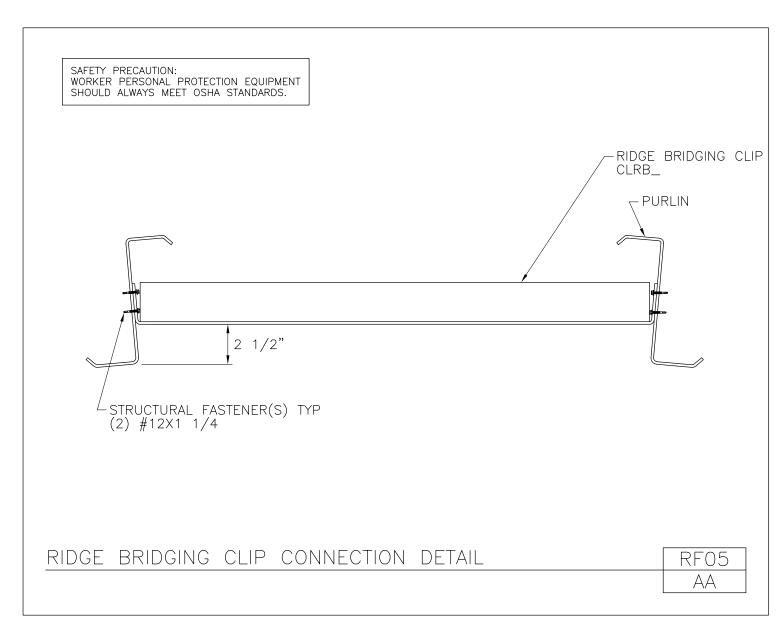
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A NUCOR COMPANY

Ridge Bridging Clip Connection Detail

RF05/AA



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