

ROOF JOIST BRIDGING DETAILS

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BI9000 - FRAMING PLAN NOTE Download the DWG file by clicking here.

THIS IS THE JOIST FRAMING PLAN. FOR ALL JOIST BRIDGING REQUIREMENTS AND INSTALLATION DETAILS, REFERENCE THE SEPARATE JOIST BRIDGING PACKET.



BI9001 - ROOF COVER PAGE Download the DWG file by clicking here.

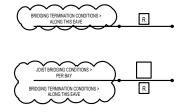
ROOF JOIST BRIDGING REQUIREMENTS AND INSTALLATION DETAILS

ROOF JOIST BRIDGING ERECTION NOTE:

The manufacturer of the roof joists under the Nucor Building Group Contract for this project has determined the bridging requirements for stability and safety. The joist manufacturer has selected a bridging "Condition" for each bay of joist and has identified these conditions on the Joist Bridging Plan. Cross reference the plan with the details to determine the bridging requirements in each joist bay.



BI9002 - ROOF FRAMING PLAN NOTES Download the DWG file by clicking here.



ERECTION NOTE:
IDENTIFY THE JOIST BRIDGING 'CONDITIONS' ON THIS PLAN FOR EACH BAY, AND
REFER TO THE FOLLOWING DETAIL SHEETS FOR SPECIFIC INSTALLATION AND
TERMINATION GUIDANCE. JOIST MUST BE ERECTED IN ACCORDANCE WITH O.S.H.A.
SAFETY REGULATIONS AND WELDING PERFORMED BY A.W.S. QUALIFIED WELDERS
FOR THE WELDING PROCESSES AND POSITIONS INDICATED.

JOIST BRIDGING PLAN

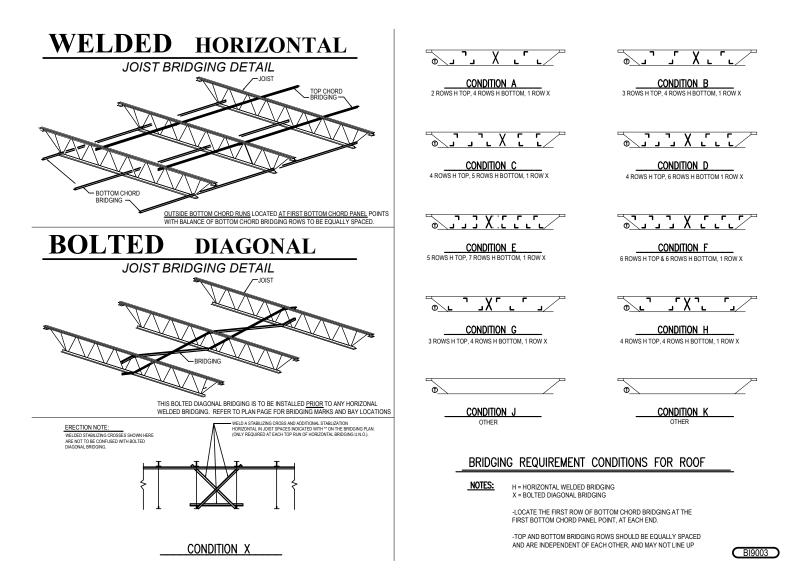
Detailer Notes:

1) CONDITION "R" SHOWN FOR REFERENCE ONLY, ADJUST AS REQUIRED



BI9003 - WELDED ROOF BRIDGING

Download the DWG file by clicking here.



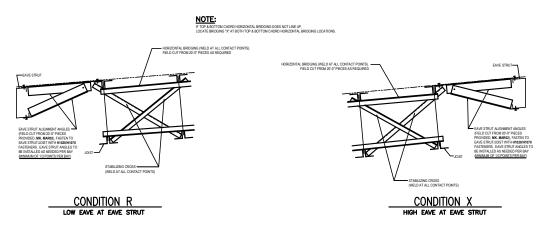
Detailer Notes:

1) THIS DETAIL CAN BE USED FOR STANDING SEAM ROOFS, BUT CONSIDER USING DETAIL BI9005 TO HELP ELIMINATE CONFUSION IN THE FIELD ABOUT PROPER WELD LOCATIONS FOR HORIZONTAL BRIDGING.

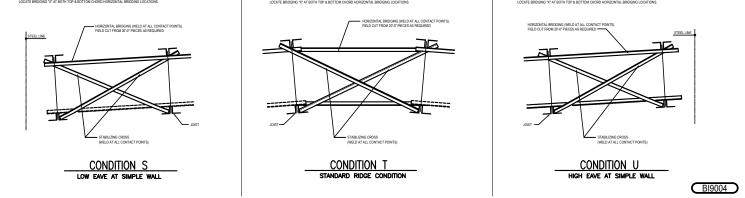


BI9004 - WELDED ROOF BRIDGING TERMINATION Download the DWG file by clicking here.

WELDED HORIZONTAL BRIDGING TERMINATION CONDITIONS



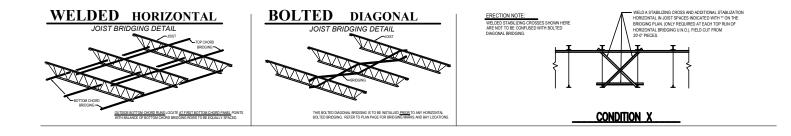




Detailer Notes:



BI9005 - WELDED ROOF BRIDGING (STANDING SEAM ONLY) Download the DWG file by clicking here.



BI9005

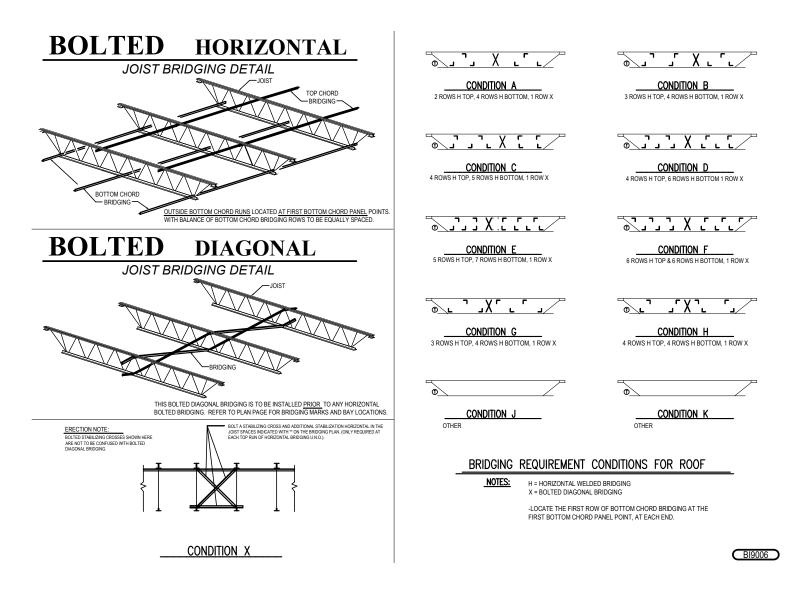
Detailer Notes:

 SEE THE WELDED BRIDGING EXAMPLE DRAWINGS. ALL THE JOISTS ARE SAVED AS BLOCKS IN MODEL SPACE. FOR LARGER PROJECTS YOU MAY NEED MORE THAN ONE OF THESE DETAILS.
THIS DETAIL IS TO ONLY BE USED AT STANDING SEAM ROOFS. THIS IS TO HELP THE ERECTORS TO PROPERLY LOCATE WELDED LOCATIONS OF THE HORIZONTAL BRIDGING.



BI9006 - BOLTED ROOF BRIDGING

Download the DWG file by clicking here.

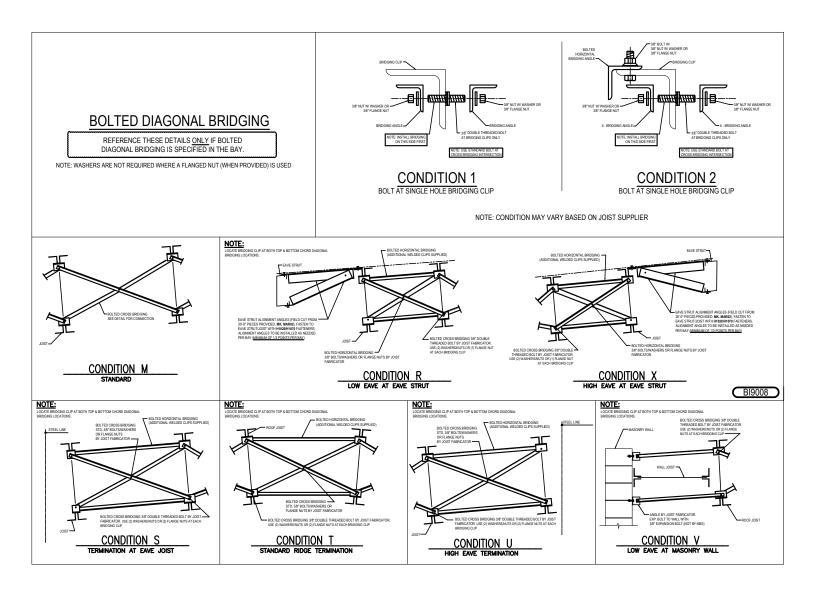


Detailer Notes:



BI9008 - BOLTED DIAGONAL BRIDGING

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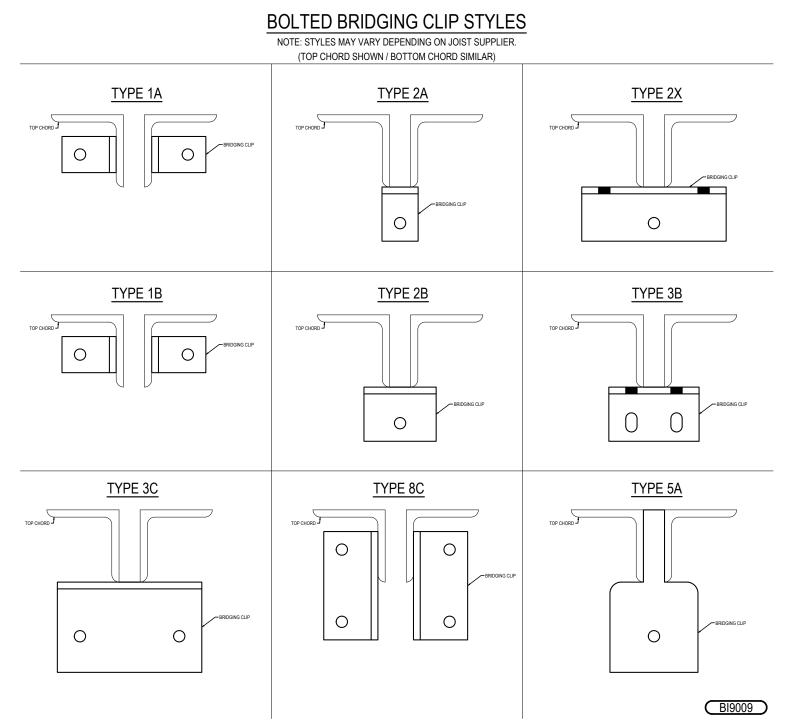
Detailer Notes:

1) CONDITION STYLES VARY PER VULCRAFT DIVISION.



BI9009 - BOLTED BRIDGING CLIP STYLES

Download the DWG file by clicking here.



Detailer Notes:

1) BRIDGING CLIP STYLES VARY PER VULCRAFT DIVISION.



BI9026 - MEZZANINE COVER PAGE Download the DWG file by clicking here.

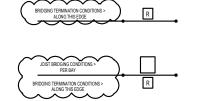
MEZZANINE BRIDGING REQUIREMENTS AND INSTALLATION DETAILS

MEZZANINE JOIST BRIDGING ERECTION NOTE:

The manufacturer of the mezzanine joists under the Nucor Building Group Contract for this project has determined the bridging requirements for stability and safety. The joist manufacturer has selected a bridging "Condition" for each bay of joist and has identified these conditions on the Joist Bridging Plan. Cross reference the plan with the details to determine the bridging requirements in each joist bay.



BI9027 - MEZZANINE FRAMING PLAN NOTES Download the DWG file by clicking here.





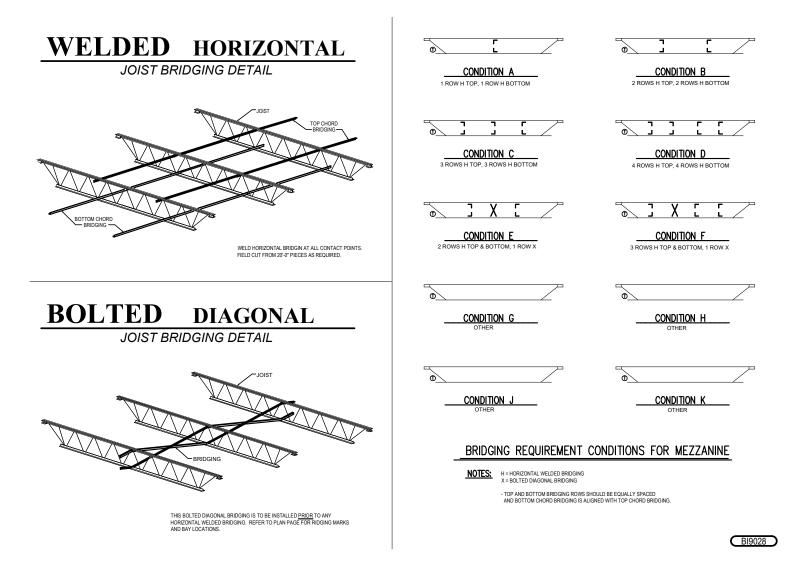
JOIST BRIDGING PLAN

Detailer Notes:

1) CONDITION "R" SHOWN FOR REFERENCE ONLY, ADJUST AS REQUIRED.



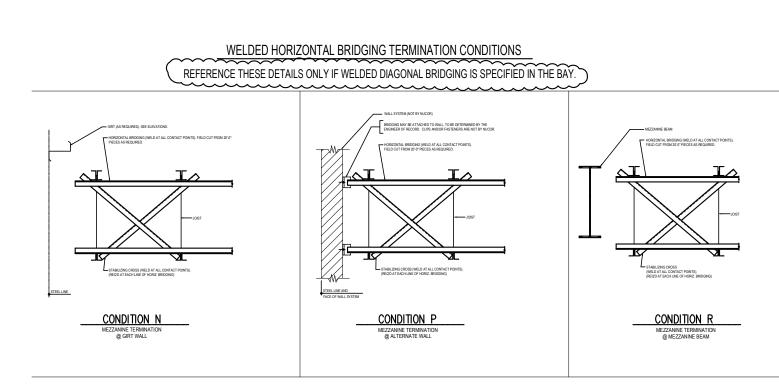
BI9028 - STANDARD MEZZANINE BRIDGING Download the DWG file by clicking here.

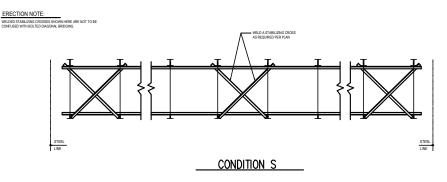


<u>Detailer Notes:</u> 1) N/A



BI9029 - WELDED MEZZANINE BRIDGING TERMINATIONS Download the DWG file by clicking here.



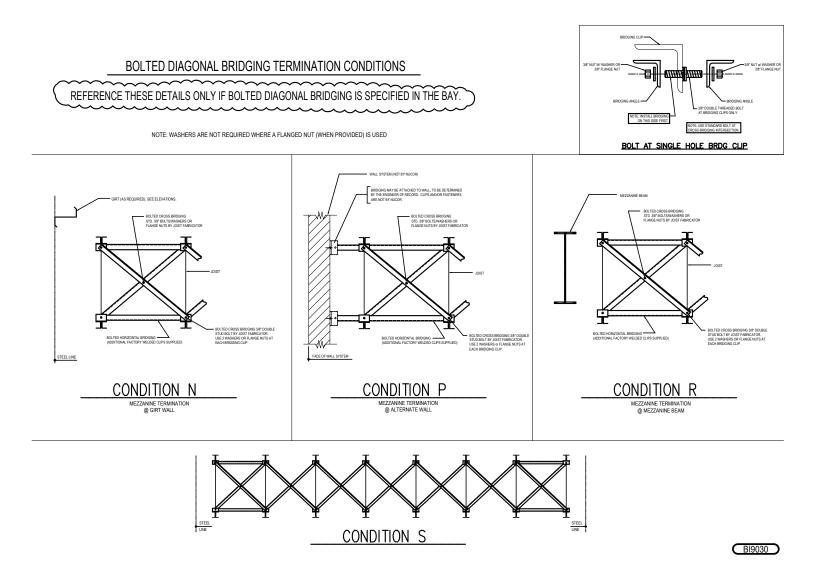


Detailer Notes: 1) N/A BI9029



JOIST BRIDGING

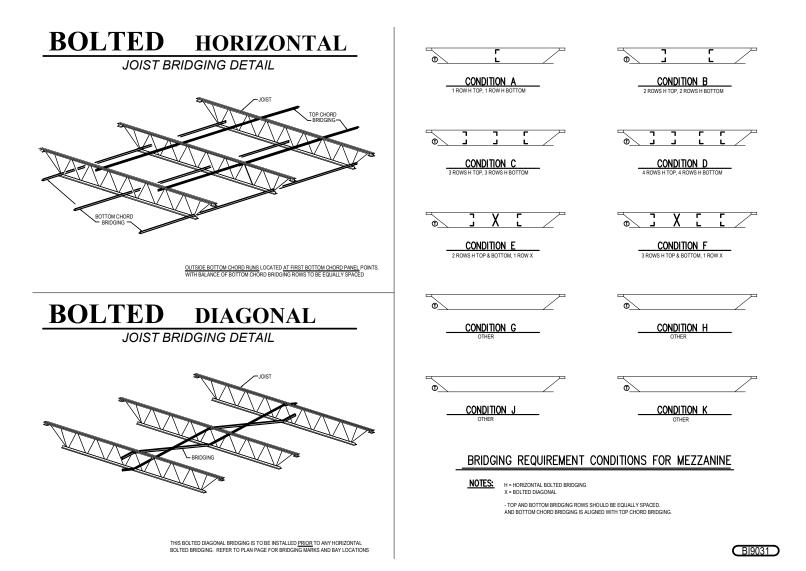
BI9030 - BOLTED MEZZANINE BRIDGING TERMINATIONS Download the DWG file by clicking here.



Detailer Notes:



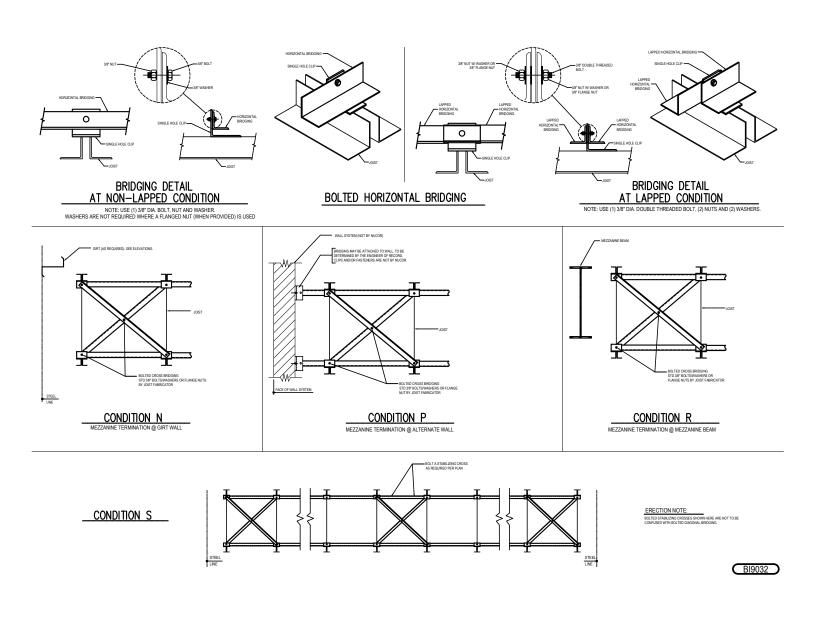
BI9031 - BOLTED MEZZANINE BRIDGING Download the DWG file by clicking here.





BI9032 - BOLTED MEZZANINE BRIDGING

Download the DWG file by clicking here.



Detailer Notes: