

## **WELDED CONNECTIONS**

- BH1000 - WELDED JOIST CONNECTION AT RAFTERS
- BH1010 - WELDED STRUT JOIST CONNECTIONS
- BH1100 - NEW JOIST TIE-IN CONNECTION TO EXISTING END FRAME
- BH1200 - INTERIOR ROOF JOIST AT STRUCTURAL EXPANSION

## **BOLTED CONNECTIONS**

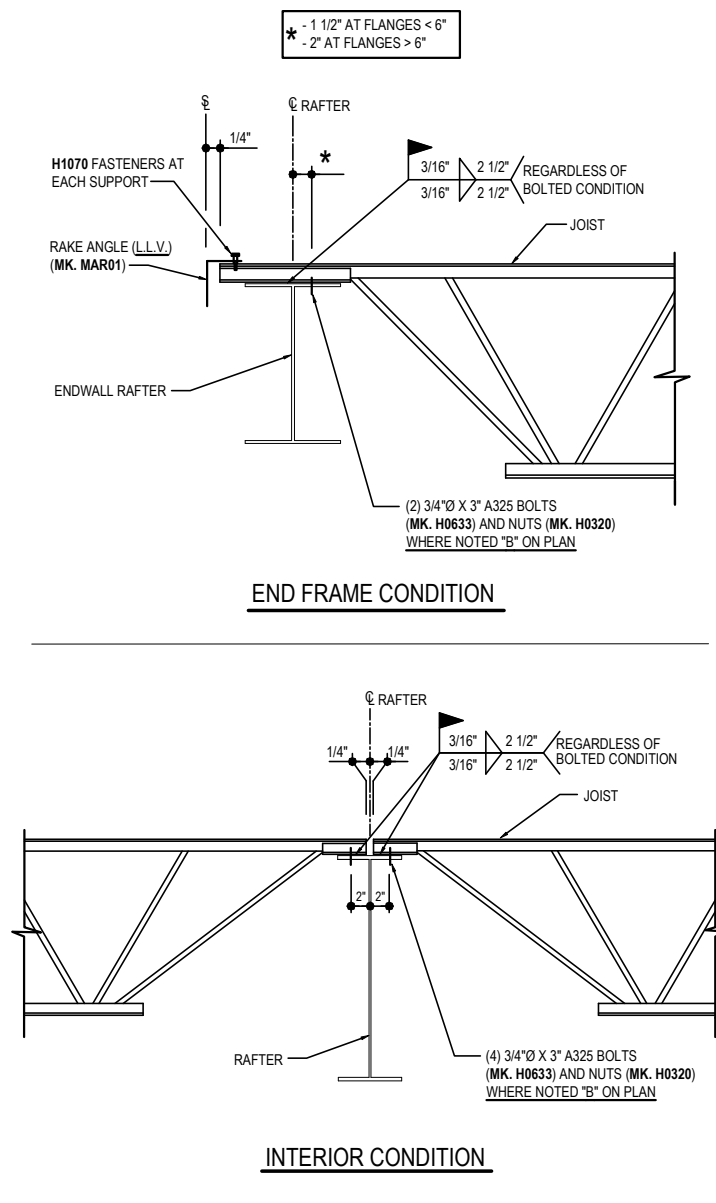
- BH2000 - BOLTED JOIST CONNECTION AT RAFTERS
- BH2010 - BOLTED STRUT JOIST CONNECTION AT RAFTERS (WITH 3/4Ø BOLTS)
- BH2020 - BOLTED STRUT JOIST CONNECTION AT RAFTERS (WITH WELD)
- BH2100 - NEW JOIST TIE-IN CONNECTION TO EXISTING END FRAME
- BH2200 - INTERIOR ROOF JOIST AT STRUCTURAL EXPANSION

## **MASONRY CONNECTIONS**

- BH3000 - JOIST CONNECTION AT MASONRY END SUPPORT
  - BH3010 - JOIST CONNECTION AT MASONRY INTERIOR SUPPORT
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## BH1000 - WELDED JOIST CONNECTION AT RAFTERS

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### JOIST CONNECTION DETAIL

LONGSPAN WELDED ROOF JOIST SYSTEM  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

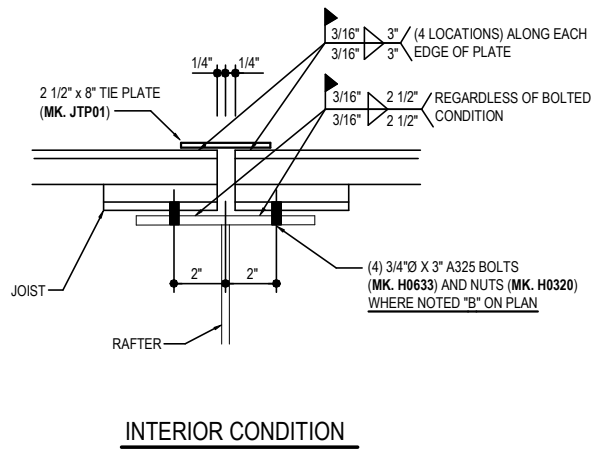
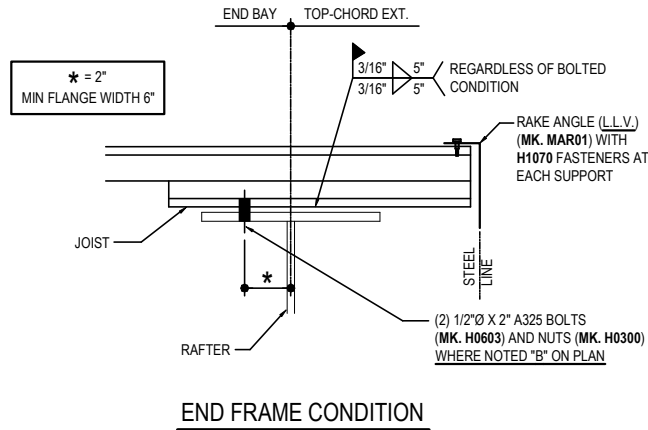
**BH1000**

### Detailer Notes:

1) N/A

## BH1010 - WELDED STRUT JOIST CONNECTIONS

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FOR WELDED ROOF JOIST SYSTEM.  
APPLIES ONLY TO LOCATIONS DESIGNATED  
WITH RELATED SQUARE SYMBOL.



### STRUT JOIST CONNECTIONS

LONGSPAN WELDED ROOF JOIST SYSTEM  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

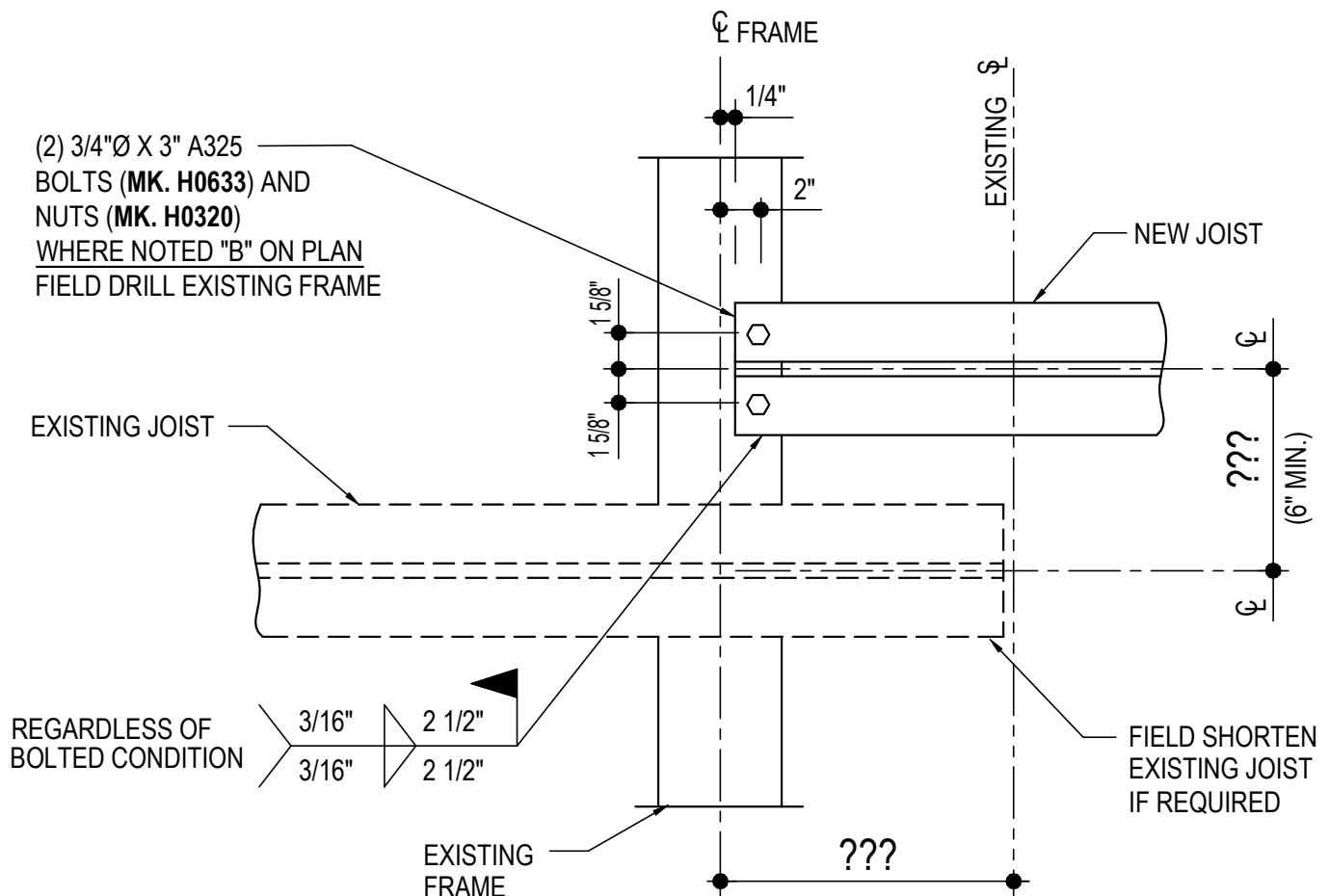
**BH1010**

### Detailer Notes:

1) N/A

## BH1100 - NEW JOIST TIE-IN CONNECTION TO EXISTING END FRAME

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## NEW JOIST TIE-IN CONNECTION TO EXISTING END FRAME

LONGSPAN ROOF JOIST AT EXISTING END FRAME (WELDED SYSTEM)  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

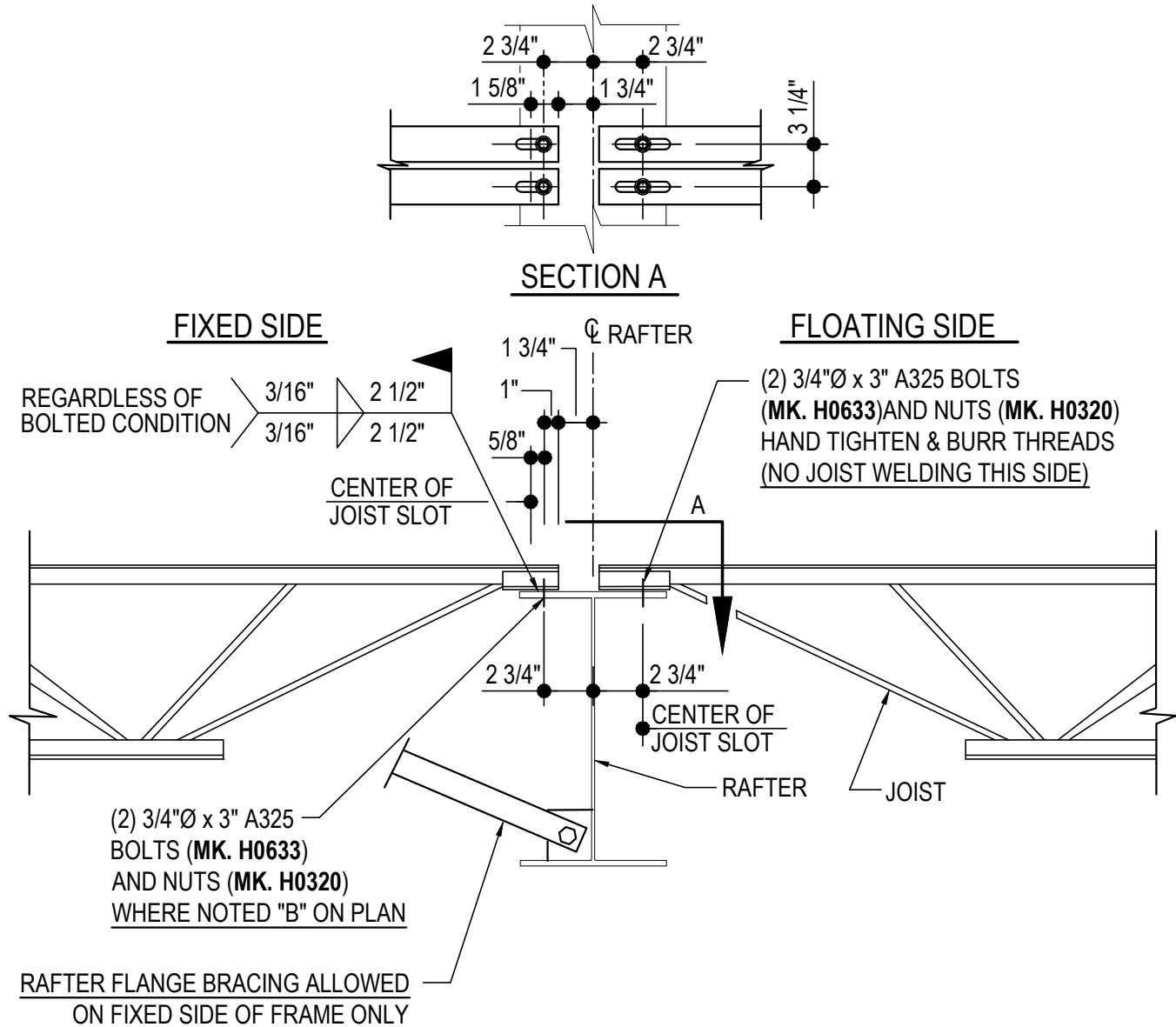
# BH1100

## Detailer Notes:

- 1) THIS DETAIL UTILIZES ATTRIBUTES. TO ACCESS ATTRIBUTES DOUBLE CLICK ON THE DETAIL.

## BH1200 - INTERIOR ROOF JOIST AT STRUCTURAL EXPANSION

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## INTERIOR JOIST CONNECTION DETAIL

LONGSPAN ROOF JOIST AT STRUCTURAL EXPANSION (WELDED SYSTEM)  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

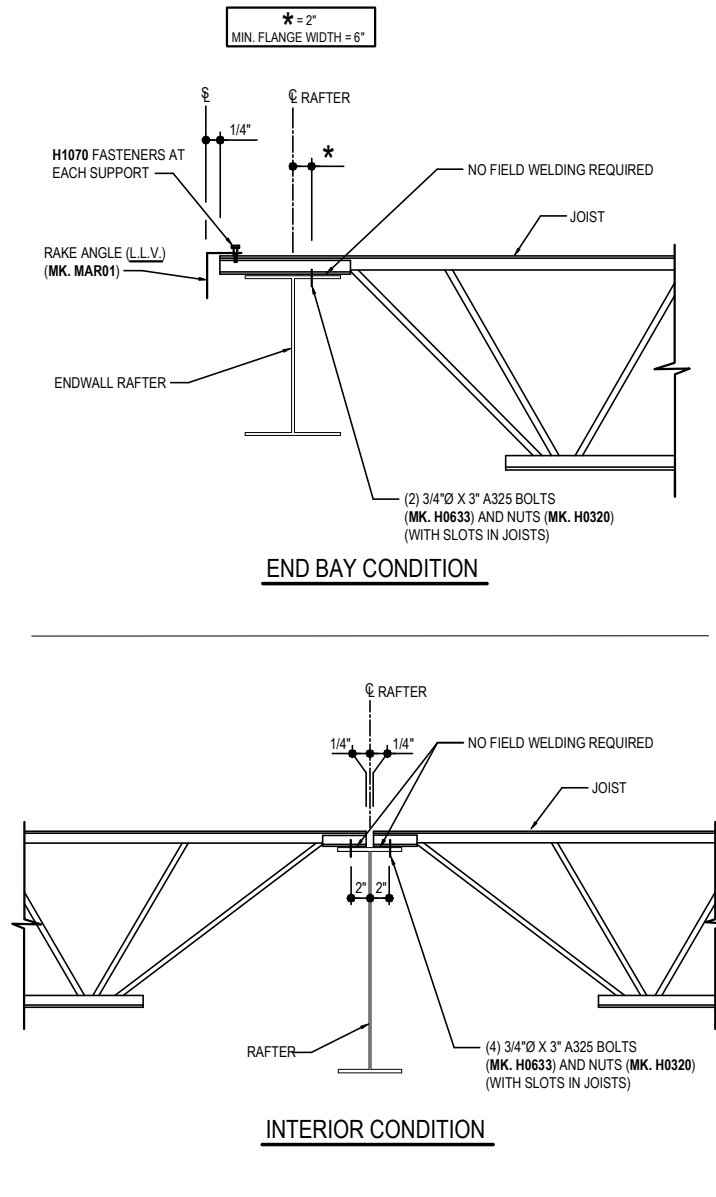
**BH1200**

### Detailer Notes:

- 1) THIS CONDITION WILL ALWAYS REQUIRE COORDINATION WITH VULCRAFT. SEE DETAILING PROCEDURE MANUAL FOR FURTHER INFORMATION.

## BH2000 - BOLTED JOIST CONNECTION AT RAFTERS

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### JOIST CONNECTION DETAIL

LONGSPAN BOLTED ROOF JOIST SYSTEM  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

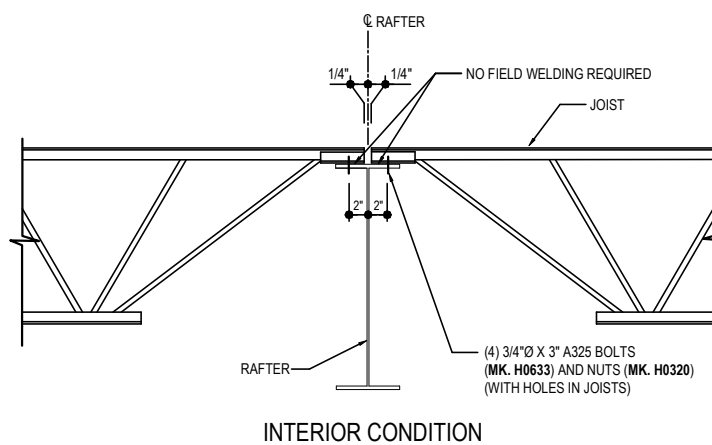
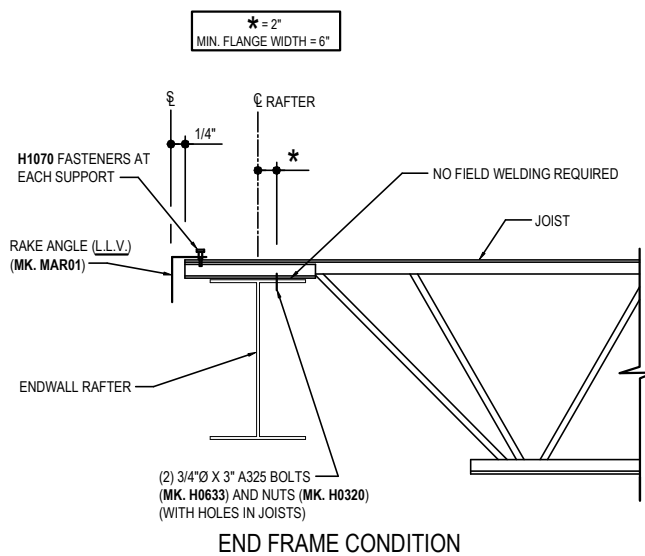
**BH2000**

### Detailer Notes:

- 1) THIS IS OUR STANDARD BOLTED JOIST CONNECTION WITH SLOTS IN THE JOISTS.

## BH2010 - BOLTED STRUT JOIST CONNECTION AT RAFTERS (WITH 3/4Ø BOLTS)

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FOR BOLTED ROOF JOIST SYSTEM.  
APPLIES ONLY TO LOCATIONS DESIGNATED  
WITH RELATED TRIANGLE SYMBOL.



### STRUT JOIST CONNECTION DETAIL

LONGSPAN BOLTED ROOF JOIST SYSTEM  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

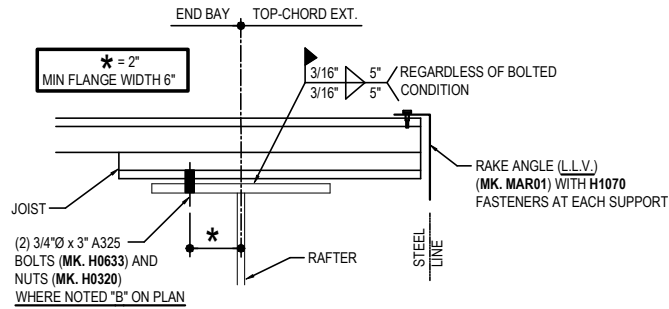
**BH2010**

#### Detailer Notes:

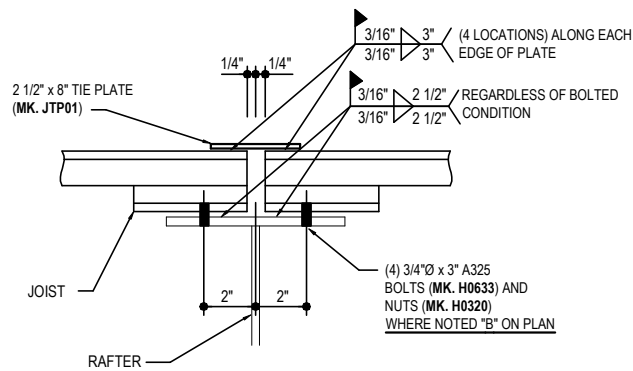
- 1) THE DIFFERENCE BETWEEN DETAILS BH2000 AND BH2010, ARE THE HOLES IN THE JOIST FOR THE STRUT CONDITION FOR DETAIL BH2010.

## BH2020 - BOLTED STRUT JOIST CONNECTION AT RAFTERS (WITH WELD)

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END FRAME CONDITION



INTERIOR CONDITION

FOR BOLTED ROOF JOIST SYSTEM.  
APPLIES ONLY TO LOCATIONS DESIGNATED  
WITH RELATED SQUARE SYMBOL.



### STRUT JOIST CONNECTIONS

LONGSPAN BOLTED ROOF JOIST SYSTEM WITH WELD AT RAFTER  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

**BH2020**

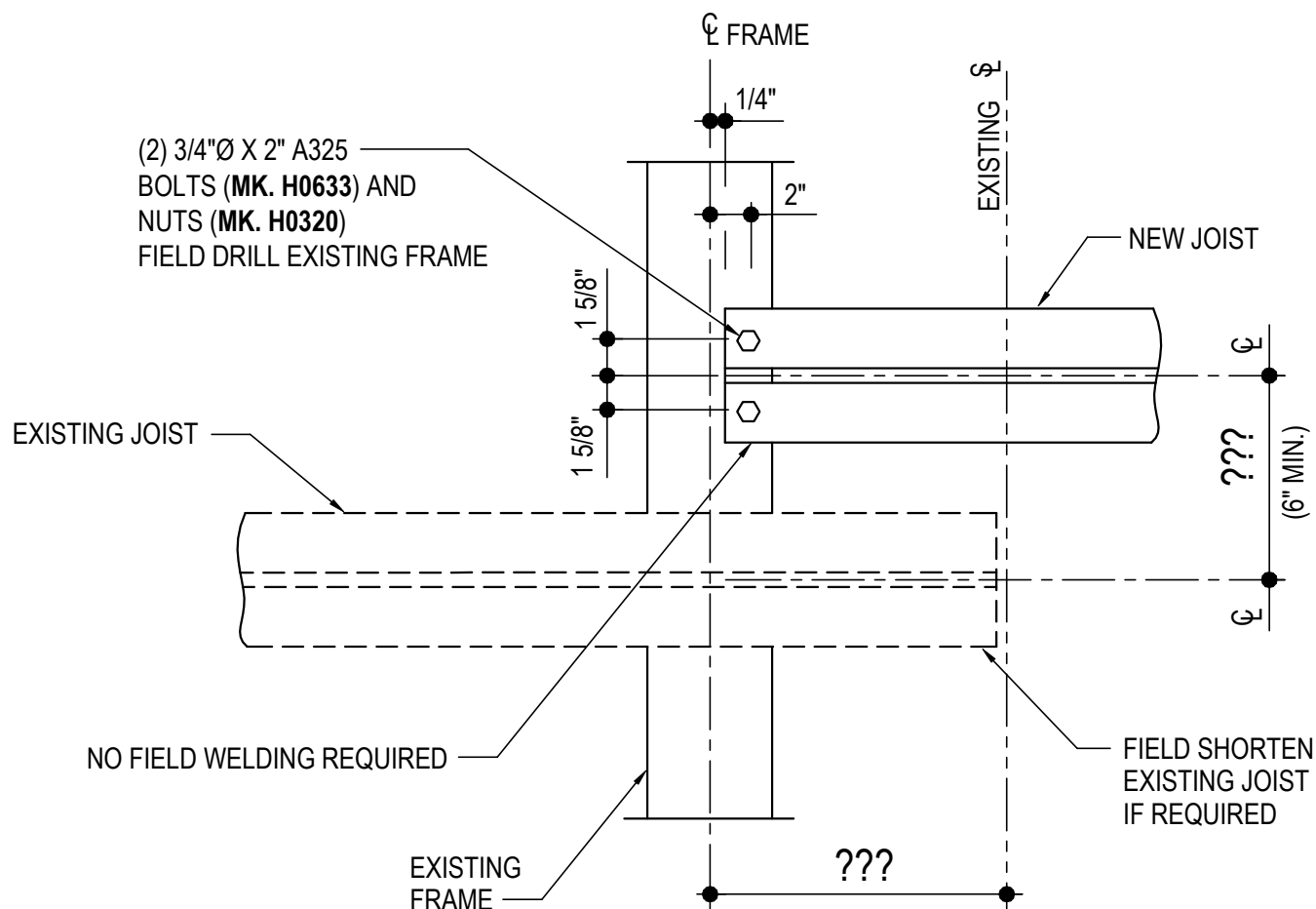
#### Detailer Notes:

1) N/A



BH2100 - NEW JOIST TIE-IN CONNECTION TO EXISTING END FRAME

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## NEW JOIST TIE-IN CONNECTION TO EXISTING END FRAME

LONGSPAN ROOF JOIST AT EXISTING END FRAME (BOLTED SYSTEM)  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS.

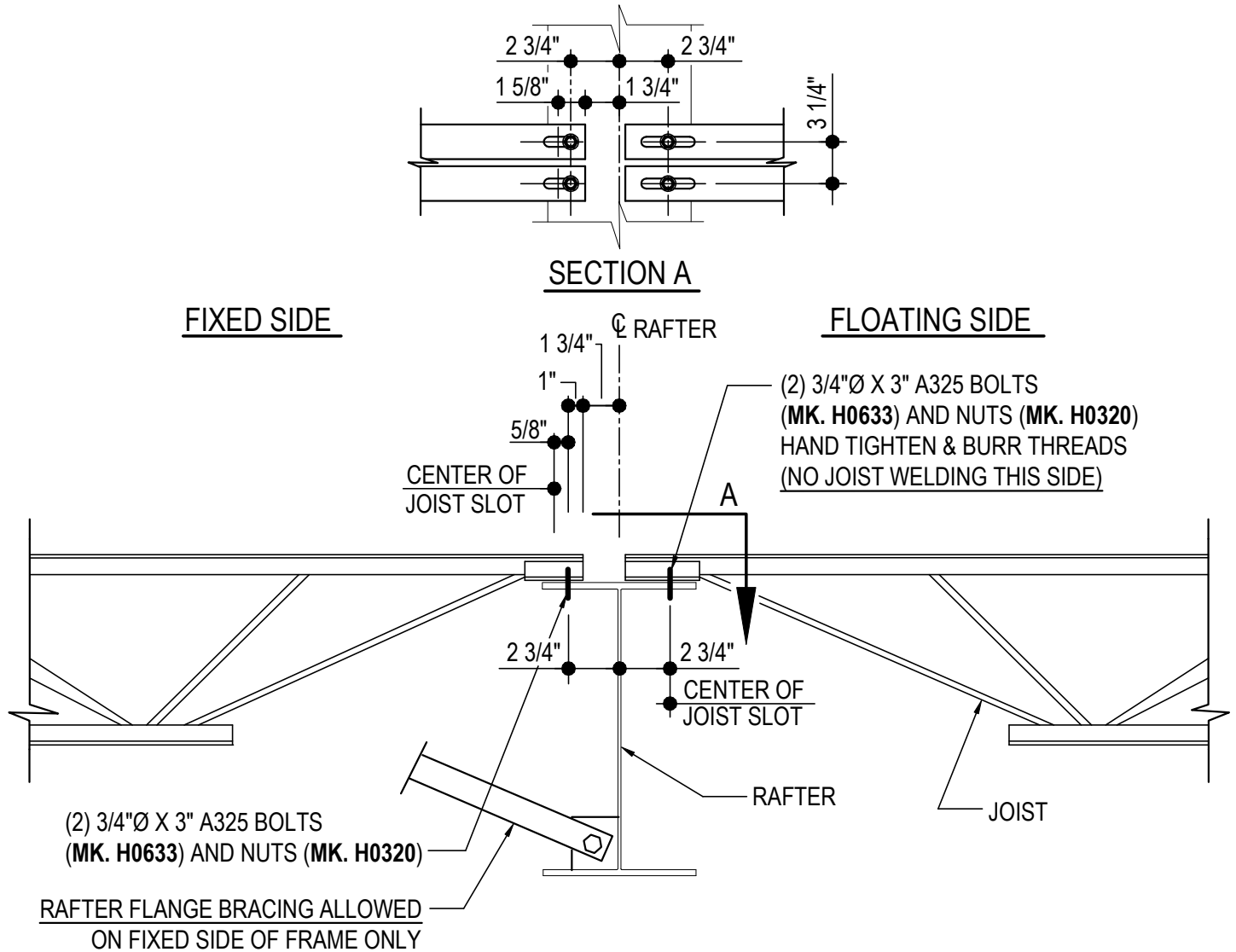
**BH2100**

Detailer Notes:

- 1) THIS DETAIL UTILIZES ATTRIBUTES. TO ACCESS ATTRIBUTES DOUBLE CLICK ON THE DETAIL.

## BH2200 - INTERIOR ROOF JOIST AT STRUCTURAL EXPANSION

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## INTERIOR JOIST CONNECTION DETAIL

LONGSPAN ROOF JOIST AT STRUCTURAL EXPANSION (BOLTED SYSTEM)  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

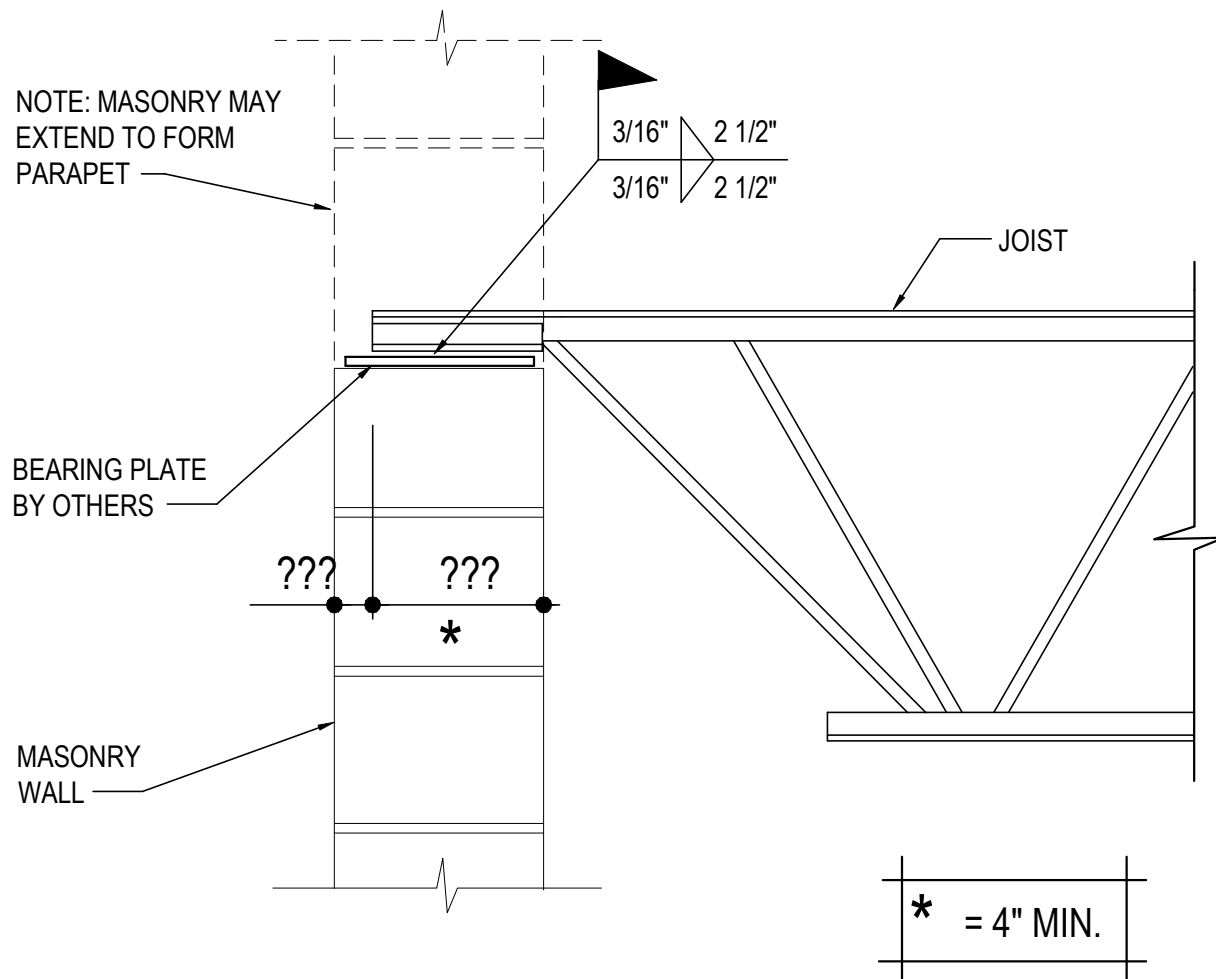
**BH2200**

### Detailer Notes:

- 1) THIS CONDITION WILL ALWAYS REQUIRE COORDINATION WITH VULCRAFT. SEE DETAILING PROCEDURE MANUAL FOR FURTHER INFORMATION.

## BH3000 - JOIST CONNECTION AT MASONRY END SUPPORT

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# JOIST CONNECTION DETAIL

LONGSPAN ROOF JOIST AT MASONRY END SUPPORT

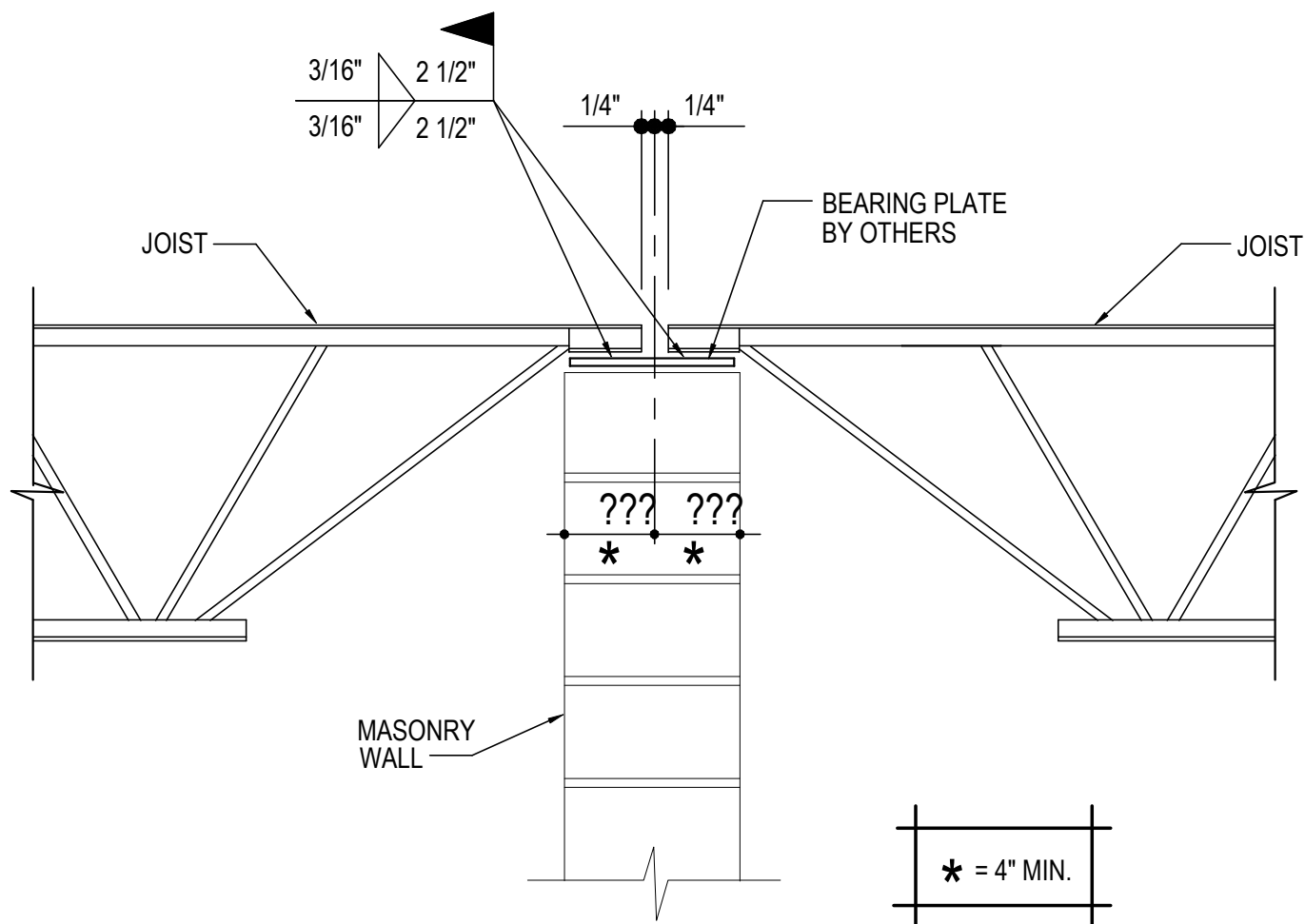
# BH3000

## Detailer Notes:

- 1) THIS DETAIL UTILIZES ATTRIBUTES. TO ACCESS ATTRIBUTES DOUBLE CLICK ON THE DETAIL.

## BH3010 - JOIST CONNECTION AT MASONRY INTERIOR SUPPORT

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## JOIST CONNECTION DETAIL

LONGSPAN ROOF JOIST AT MASONRY INTERIOR SUPPORT

**BH3010**

### Detailer Notes:

- 1) THIS DETAIL UTILIZES ATTRIBUTES. TO ACCESS ATTRIBUTES DOUBLE CLICK ON THE DETAIL.