<table>
<thead>
<tr>
<th>TABLE OF CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLANGE BRACING DETAILS</td>
</tr>
<tr>
<td>AG0003 - FLANGE BRACE MARK NUMBER DETAIL</td>
</tr>
<tr>
<td>AG0010 - FLANGE BRACE AT PURLIN AND RAFTER</td>
</tr>
<tr>
<td>AG0020 - FLANGE BRACE AT JOIST AND RAFTER</td>
</tr>
<tr>
<td>AG0026 - ALL BOLTED FLANGE BRACE AT JOIST AND RAFTER CONN</td>
</tr>
<tr>
<td>AG0030 - FLANGE BRACE AT COLUMN AND GIRT</td>
</tr>
<tr>
<td>AG0040 - FLANGE BRACE AT COLUMN AND MASONARY WALL</td>
</tr>
<tr>
<td>AG0050 - FLANGE BRACE AT COLUMN AND CEE GIRT</td>
</tr>
<tr>
<td>AG0105 - FLANGE BRACE WITH BASKET INSUL OR LINER AT COLUMN</td>
</tr>
<tr>
<td>AG0110 - FLANGE BRACE WITH BASKET INSUL OR LINER AT RAFTER</td>
</tr>
<tr>
<td>AG0210 - FLANGE BRACE WITH PURLIN AT HIP &amp; VALLEY RAFTER</td>
</tr>
</tbody>
</table>
AG0003 - FLANGE BRACE MARK NUMBER DETAIL

Download the DWG file by clicking here.

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**FBC**

INDICATES LENGTH OF FLANGE BRACE IN INCHES

---

**FBH- COUNTER (1-999)**

SPECIAL LENGTH FLANGE BRACE

---

**FBE__ COUNTER (01-04)**

COPED FLANGE BRACE

---

**FBJ- COUNTER (1-999)**

SPECIAL LENGTH COPED FLANGE BRACE

---

**FBF-**

INDICATES LENGTH OF FLANGE BRACE IN INCHES

---

**FBK**

INDICATES LENGTH OF FLANGE BRACE IN INCHES

---

**TYPICAL FLANGE BRACE MARK NUMBERS**

---

**AG0003**

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**Detailer Notes:**

1) THIS DETAIL SHOULD BE PLACED ON ALL JOBS THAT HAVE FLANGE BRACING.
AG0010 - FLANGE BRACE AT PURLIN AND RAFTER
Download the DWG file by clicking here.

3' - 5 1/4"

(1) H0603 BOLT
(1) H0300 NUT
(2) H0200 WASHERS

FLANGE BRACE MK. FB

FLANGE BRACE AT PURLIN & RAFTER
SEE PLANS AND ELEVATIONS FOR FLANGE BRACE LOCATIONS, PART MARKS & QUANTITIES.

Detailer Notes:
1) N/A

AG0010

NOTE:
1/2 X 2" A325 BOLTS ARE REQUIRED FOR BOLTING FLANGE BRACES.
AG0020 - FLANGE BRACE DETAILS FOR JOIST TO RAFTER CONNECTION

Download the DWG file by clicking here.

Detailer Notes:
1) N/A
AG0026 - ALL BOLTED FLANGE BRACE AT JOIST & RAFTER CONN

FLANGE BRACE DETAIL IF JOIST DEPTH GREATER THAN RAFTER DEPTH

ALL FLANGE BRACE CONNECTIONS REQUIRE 1/2" x 2" A325 BOLTS UNLESS NOTED OTHERWISE.
SEE PLANS AND ELEVATIONS FOR FLANGE BRACE LOCATIONS, PART MARKS, & QUANTITIES.

(2) 5/16" x 1 1/2" DRILL BOLTS
MK. H3065 (SEE ERECTOR NOTES)

FLANGE BRACE DETAIL IF RAFTER DEPTH GREATER THAN JOIST DEPTH

ALL FLANGE BRACE CONNECTIONS REQUIRE 1/2" x 2" A325 BOLTS UNLESS NOTED OTHERWISE.
SEE PLANS AND ELEVATIONS FOR FLANGE BRACE LOCATIONS, PART MARKS, & QUANTITIES.

ERECTOR NOTES:
1. ORIENT FLANGE BRACE CLIP AS REQUIRED FOR BEST FIT UP OF FLANGE BRACE.
2. DRILL BOLTS SHOULD BE PUT IN AT 1800-1500 RPM WITH MODERATE PRESSURE APPLIED.
3. PRE-DRILLING USING 1/4" DA. HOLES WILL BE REQUIRED IF MATERIAL THICKNESS IS GREATER THAN 1/4".

Detailer Notes:
1) N/A

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AG0030 - FLANGE BRACE AT COLUMN & GIRT

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NOTE:
1/2 X 2" A325 BOLTS ARE REQUIRED FOR BOLTING FLANGE BRACES.

(1) H0603 BOLT
(1) H0300 NUT
(1) H0200 WASHERS

FLANGE BRACE
OPPOSITE SIDE
WHERE REQUIRED

COLUMN

WALL GIRT

FLANGE BRACE MK. FB___

2'-5 1/4"

AG0030

SEE PLANS AND ELEVATIONS FOR FLANGE BRACE LOCATIONS, PART MARKS,
& QUANTITIES

Detailer Notes:
1) N/A
AG0040 - FLANGE BRACE AT COLUMN & MASONARY WALL

Download the DWG file by clicking here.

NOTE:
1/2 X 2" A325 BOLTS ARE REQUIRED FOR BOLTING FLANGE BRACES.

(1)-H0603 BOLT
(1)-H0300 NUT
(1) H0200 WASHERS

FLANGE BRACE MK. FB

1/4" 6"

COLUMN

(1)-H0603 BOLT
(1)-H0300 NUT
(1) H0200 WASHERS

MASONRY COL CLIPS MK. FBM01
(1/2" DIA EXPANSION BOLTS BY OTHERS)

MASONRY WALL

FIELD LOCATE AS REQ'D FOR PROPER FIT UP

FLANGE BRACE AT COLUMN & MASONARY WALL

SEE PLANS AND ELEVATIONS FOR FLANGE BRACE LOCATIONS, PART MARKS, & QUANTITIES

Detailer Notes:
1) N/A

AG0040

CERTIFIED ERECTION DETAILS

Detail Size (W x H): 1 x 1

Issued: 03.22.19 (2018.018)
Issued By: EGB
AG0050 - FLANGE BRACE AT COLUMN & CEE GIRT

Download the DWG file by clicking here.

NOTE:
1/2 X 2" A325 BOLTS ARE REQUIRED FOR BOLTING FLANGE BRACES.

FLANGE BRACE MK. FB

FBL01 W/ (1) H0603 BOLT
(1) H0300 NUT
(1) H0200 WASHERS

FLANGE BRACE OPPOSITE SIDE WHERE REQUIRED

COLUMN

FBN01 W/ (2) H0603 BOLTS
(2) H0300 NUTS
(2) H0200 WASHERS BOLTED FROM THE BOTTOM

2'-5 1/4"
2'-8 1/4"

8" & 12" CEE
9" 1/2" CEE

WALL GIRT

FLANGE BRACE AT COLUMN & CEE GIRT
NOTES: SEE PLANS AND ELEVATIONS FOR FLANGE BRACE LOCATIONS, PART MARKS & QUANTITIES.
INSTALL FLANGE BRACE CLIP FBN01 PRIOR TO ERECTING MASONRY WALL.

Detailer Notes:
1) N/A
AG0105 - FLANGE BRACE WITH BASKET INSULATION OR LINER AT COLUMN

Download the DWG file by clicking here.

NOTE:
1/2" Ø x 2" A325 BOLTS ARE REQ'D FOR BOLTING FLANGE BRACES.
INSTALL FBN01 PRIOR TO INSTALLING UNDERSIDE FABRIC, VAPOR BARRIER OR LINER.

FLANGE BRACE MK. FB

COLUMN

FBL01 W/ (1) H0603 BOLT
METAL OR FABRIC LINER

FBN01 W/ (2) H0603 BOLTS
(2) H0300 NUTS
(2) H0200 WASHERS
BOLTED FROM THE BOTTOM

BASKET-TYPE INSULATION

2'-5 1/4"

2'-8 1/4"

2" 8" & 12" GIRT

9 1/2" GIRT

WALL GIRT

Detailer Notes:
1) USE DETAIL ON ALL BASKET TYPE INSULATION SYSTEMS, FABRIC LINER OR METAL LINER JOBS.

AG0105

SEE PLANS AND ELEVATIONS FOR FLANGE BRACE LOCATIONS, PART MARKS, & QUANTITIES

CERTIFIED ERECTION DETAILS

Detail Size (W x H): 1 x 1

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AG0110 - FLANGE BRACE WITH BASKET INSUL OR LINER AT RAFTER

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3'-8 1/4"
3'-5 1/4"

BASKET-TYPE INSULATION

PURLIN

FBN01 W/ (2) H0603 BOLTS
(2) H0300 NUTS
(2) H0200 WASHERS
BOLTED FROM THE BOTTOM

FLANGE BRACE MK. FB

FLANGE BRACE OPPOSITE SIDE WHERE REQUIRED

RAFTER

METAL OR FABRIC LINER
FBL01 W/ (1) H0603 BOLT

8" & 12" GRT
9 1/2" GRT
2"
2 3/4"

(1) H0603 BOLT
(1) H0300 NUT
(1) H0200 WASHERS

NOTE:
1/2" Ø X 2" A325 BOLTS ARE REQ'D FOR BOLTING FLANGE BRACES.
INSTALL FBN01 PRIOR TO INSTALLING UNDERSIDE FABRIC, VAPOR BARRIER OR LINER.

AG0110

SEE PLANS AND ELEVATIONS FOR FLANGE BRACE LOCATIONS, PART MARKS, & QUANTITIES

Detailer Notes:
1) USE DETAIL ON ALL BASKET TYPE INSULATION SYSTEMS, FABRIC LINER OR METAL LINER JOBS.
AG0210 - FLANGE BRACE PURLIN & HIP/VALLEY RAFTER

Download the DWG file by clicking here.

FLANGE BRACE AT PURLIN & HIP/VALLEY RAFTER

SEE PLANS AND ELEVATIONS FOR FLANGE BRACE LOCATIONS, PART MARKS, & QUANTITIES.

1/2"Ø X 2" A325 BOLTS ARE REQ'D FOR BOLTING FLANGE BRACES.

Detailer Notes:
1) N/A