### TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT0010</td>
<td>Rafter to Flange – Both Sides of Column</td>
<td>2</td>
</tr>
<tr>
<td>AT0020</td>
<td>Rafter to Flange – One Side of Column</td>
<td>3</td>
</tr>
<tr>
<td>AT0030</td>
<td>Ridge Connection at Column Flanges</td>
<td>4</td>
</tr>
<tr>
<td>AT0040</td>
<td>Low Eave at Column Flange with Clip</td>
<td>5</td>
</tr>
<tr>
<td>AT0050</td>
<td>High Eave at Column Flange with Clip</td>
<td>6</td>
</tr>
<tr>
<td>AT0060</td>
<td>Rafter to Web – Both Sides of Column</td>
<td>7</td>
</tr>
<tr>
<td>AT0070</td>
<td>Rafter to Web – One Side of Column</td>
<td>8</td>
</tr>
<tr>
<td>AT0080</td>
<td>Ridge Connection at Column Web</td>
<td>9</td>
</tr>
<tr>
<td>AT0090</td>
<td>Low Eave at Column Web with Clip</td>
<td>10</td>
</tr>
<tr>
<td>AT0100</td>
<td>High Eave at Column Web with Clip</td>
<td>11</td>
</tr>
<tr>
<td>AT0110</td>
<td>Low Eave at Column Web with Stub</td>
<td>12</td>
</tr>
<tr>
<td>AT0120</td>
<td>High Eave at Column Web with Stub</td>
<td>13</td>
</tr>
</tbody>
</table>
AT0010 – RAFTER TO FLANGE – BOTH SIDES OF COLUMN

NOTE:
3/4" WASHERS REQUIRED OVER ALL SLOTS.

CLIP MZB C (NS & FS)
USE (D) 3/4" X 3"
A325 BOLTS/NUTS

CLIP MZBG (NS & FS)
USE (H) 3/4" X 3"
A325 BOLTS/NUTS

AUXILIARY RAFTER CONNECTION DETAIL
RAFTERS TO FLANGE OF FULL HEIGHT COLUMN

AT0010
AT0020 – RAFTER TO FLANGE – ONE SIDE OF COLUMN

NOTE:
3/4" WASHERS REQUIRED OVER ALL SLOTS.

AUXILIARY RAFTER CONNECTION DETAIL
RAFTER TO FLANGE OF FULL HEIGHT COLUMN

AT0020.DWG
AT0030 – RIDGE CONNECTION AT COLUMN FLANGES

NOTE:
3/4” WASHERS REQUIRED OVER ALL SLOTS.

AUXILIARY RAFTER CONNECTION DETAIL
RAFTER TO FLANGE OF FULL HEIGHT COLUMN

AT0030
AT0040 – LOW EAVE AT COLUMN FLANGE WITH CLIP

NOTE:
3/4” WASHERS REQUIRED OVER ALL SLOTS.

USE (4) 1/2” X 2” A325 BOLTS/NUTS

CLIP MK. GXC C

STEEL LINE

COLUMN

CLIP MZB E (NS & FS)
USE (F) 3/4” X 3” A325 BOLTS/NUTS

AUXILIARY RAFTER CONNECTION DETAIL
RAFTER TO FLANGE OF FULL HEIGHT COLUMN

AT0040

LAST REVISION
DATE: 02/16/15
BY: AK CHK: EGB

DETAIL NAME IF APPLICABLE
AT0040.DWG

4.12.5
AT0050 – HIGH EAVE AT COLUMN FLANGE WITH CLIP

NOTE:
3/4” WASHERS REQUIRED OVER ALL SLOTS.

AUXILIARY RAFTER CONNECTION DETAIL
RAFTER TO FLANGE OF FULL HEIGHT COLUMN

AT0050
AT0060 – RAFTER TO WEB – BOTH SIDES OF COLUMN

NOTE:
3/4” WASHERS REQUIRED OVER ALL SLOTS.

CLIP MZB C (NS & FS)
USE (D) 3/4” X 3”
A325 BOLTS/NUTS

RAFTER

2”

A

CLIP MZB F (NS & FS)
USE (G) 3/4” X 3”
A325 BOLTS/NUTS

NO BOLT REQUIRED AT THIS LOCATION

COLUMN

ERECTION BOLT PROVIDED TO ALLOW INDEPENDENT SETTING OF RAFTERS. NO ROOF LOADS SHALL BE APPLIED TO RAFTERS UNTIL ALL BOLTS ARE IN PLACE & TIGHTENED.

AUXILIARY RAFTER CONNECTION DETAIL
RAFTER TO WEB OF FULL HEIGHT COLUMN

AT0060

LAST REVISION
DATE: 02/16/15
BY: AK CHK: EGB

DETAIL NAME IF APPLICABLE
AT0060.DWG

4.12.7
AT0070 – RAFTER TO WEB – ONE SIDE OF COLUMN

NOTE:
3/4” WASHERS REQUIRED OVER ALL SLOTS.

CLIP MZB D (NS & FS)
USE (E) 3/4” X 3”
A325 BOLTS/NUTS

3 3/4” TYP.

RAFTER

COLUMN

AUXILIARY RAFTER CONNECTION DETAIL
RAFTER TO WEB OF FULL HEIGHT COLUMN

AT0070

LAST REVISION
DATE: 02/16/15
BY: AK CHK: EGB

DETAIL NAME IF APPLICABLE
AT0070.DWG

4.12.8
AT0080 – RIDGE CONNECTION AT COLUMN WEB

CLIP MZB C (NS & FS)
USE (D) 3/4" X 3"
A325 BOLTS/NUTS

RAFTER

2"

E

NO BOLT REQUIRED AT THIS LOCATION

3 3/4" TYP.

COLUMN

CLIP MZB F (NS & FS)
USE (G) 3/4" X 3"
A325 BOLTS/NUTS

ERECTION BOLT PROVIDED TO ALLOW INDEPENDENT SETTING OF RAI\TERS. NO ROOF LOADS SHALL BE APPLIED TO RAI\TERS UNTIL ALL BOLTS ARE IN PLACE & TIGHTENED.

AUXILIARY RAFTER CONNECTION DETAIL
RAFTER TO WEB OF FULL HEIGHT COLUMN

NOTE:
3/4" WASHERS REQUIRED OVER ALL SLOTS.

VIEW "A"
NOTE:
3/4" WASHERS REQUIRED OVER ALL SLOTS.

AUXILIARY RAFTER CONNECTION DETAIL
RAFTER TO WEB OF FULL HEIGHT COLUMN

AT0090 – LOW EAVE AT COLUMN WEB WITH CLIP
AT0100 – HIGH EAVE AT COLUMN WEB WITH CLIP

NOTE:
3/4” WASHERS REQUIRED OVER ALL SLOTS.

AUXILIARY RAFTER CONNECTION DETAIL
RAFTER TO WEB OF FULL HEIGHT COLUMN

LAST REVISION
DATE: 02/16/15
BY: AK CHK: EGB

DETAIL NAME IF APPLICABLE
AT0100.DWG

4.12.11
CLIP MZB D (NS & FS)
USE (E) 3/4" X 3"
A325 BOLTS/NUTS

RAFTER

2"

2"

NOTE:
3/4" WASHERS REQUIRED OVER ALL SLOTS.

COLUMN

STEEL LINE

CLIP MZB G (NS & FS)
USE (H) 3/4" X 3"
A325 BOLTS/NUTS

NO BOLT REQUIRED AT THIS LOCATION

ERECTION BOLT PROVIDED TO ALLOW INDEPENDENT SETTING OF RAFTERS. NO ROOF LOADS SHALL BE APPLIED TO RAFTERS UNTIL ALL BOLTS ARE IN PLACE & TIGHTENED.

AUXILIARY RAFTER CONNECTION DETAIL
RAFTER TO WEB OF FULL HEIGHT COLUMN

AT0110 – LOW EAVE AT COLUMN WEB WITH STUB
AT0120 – HIGH EAVE AT COLUMN WEB WITH STUB

NOTE:
3/4” WASHERS REQUIRED OVER ALL SLOTS.

ERUCTION BOLT PROVIDED TO ALLOW INDEPENDENT SETTING OF RAFTERS. NO ROOF LOADS SHALL BE APPLIED TO RAFTERS UNTIL ALL BOLTS ARE IN PLACE & TIGHTENED.

AUXILIARY RAFTER CONNECTION DETAIL
RAFTER TO WEB OF FULL HEIGHT COLUMN

AT0120