

POST AND BEAM ENDWALL DETAILS

AB0005 - COLD FORMED ENDWALL ERECTION NOTE DETAIL AB0010 - LOW EAVE - CF RAFTER AB0011 - LOW EAVE - CF RAFTER AT MASONRY AB0020 - LOW EAVE - BU RAFTER AB0025 - LOW EAVE - BU RAFTER (COL. ROTATED 90°) AB0030 - INTERIOR - CF RAFTER (SIMPLE SPAN) AB0040 - INTERIOR - CF RAFTERS (LAPPED) AB0045 - INTERIOR - CF RAFTERS (CONTINUOUS) AB0050 - INT. COL. TO RAFTER CONNECTION, W/BU & CF RAFTERS @ OPP. SIDES AB0070 - BU RAFTERS (SIMPLE SPAN) AB0080 - BU RAFTER (CONTINUOUS) AB0090 - HIGH EAVE - CF RAFTER AB0095 - HIGH EAVE - CF RAFTER (COL. ROTATED 90°) AB0098 - HIGH EAVE PARAPET - CF RAFTER AB0099 - EW CEE COLUMN TO RAFTER CONNECTION AB0110 - EW CEE COL TO RIDGE RAFTER CONN AB0120 - RIDGE COL. TO RAF. CONNECTION, W/ BU & CF RAFTERS @ OPP. SIDES AB0150 - EW RAFTER RIDGE CONN AB0200 - ENDWALL PIGGY-BACK CEE COLUMN TO RAFTER CONN AB0210 - ENDWALL PIGGY-BACK CEE COLUMN TO RAFTER CONN AB0220 - ENDWALL PIGGY-BACK CEE COLUMN TO RAFTER CONN AB0230 - ENDWALL PIGGY-BACK CEE COLUMN TO RIDGE RAFTER CONN AB0240 - ENDWALL PIGGY-BACK CEE COLUMN TO RAFTER CONN AB0250 - ENDWALL PIGGY-BACK CEE COLUMN TO RIDGE RAFTER CONN AB0510 - EW COL TO RAFTER CONN AB0515 - EW COL TO RAFTER CONN AB0516 - LOW EAVE COL. CF RAFTER @ MASONRY WALL (COL. ROT. 90 DEG) AB0517 - LOW EAVE COL. CF RAFTER @ MASONRY WALL (COL. ROT. 90 DEG) AB0530 - CF RAFTERS (SIMPLE SPAN) AB0535 - CF RAFTER (SIMPLE SPAN-COLUMN ROTATED 90 DEG) AB0540 - CF RAFTER (LAPPED)

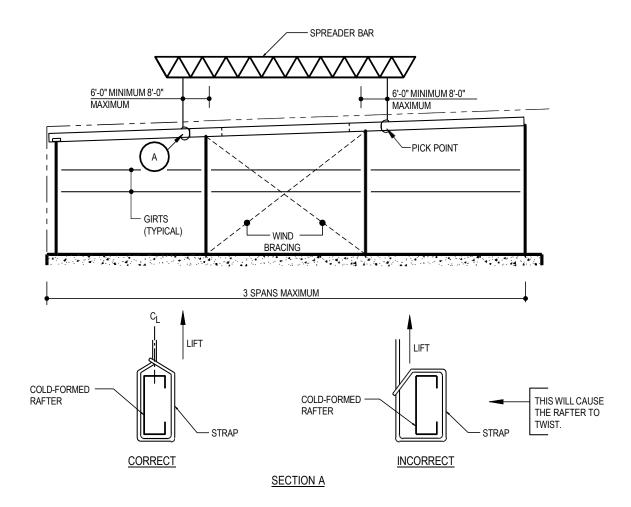
- AB0545 COLUMN TO CF RAFTER (CONTINUOUS)
- AB0550 INTERMEDIATE COL. CONN. (SIMPLE SPAN W/ BU & CF RAF. @ OPP. SIDES)

- AB0560 BU RAFTER LEFT CF RAFTER RIGHT
- AB0590 HIGH EAVE (CF RAFTER)
- AB0595 EW COL TO RAFTER (COL ROTATED 90° @ HIGH EAVE)
- AB0598 EW COL. TO RAF. CONNECTION (HIGH EAVE @ PARAPET BY OTHERS)
- AB0599 90° ROTATED EW COL TO RAFTER CONN @ H EAVE (WITH PARAPET)
- AB0610 EW COL TO CF RAFTER CONN (@ RIDGE)
- AB0620 RIDGE (BU RAFTER RIGHT, CF RAFTER LEFT)



AB0005 - COLD FORMED ENDWALL ERECTION NOTE DETAIL

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COLD FORMED ENDWALL ERECTOR DETAIL

- 1) GIRTS, CLIPS, RAFTERS AND COLUMNS MUST BE SECURELY AND TIGHTLY BOLTED TOGETHER PRIOR TO STANDING UP THE ENDWALL SECTION. (NOTE: THE GIRTS PROVIDE STABILITY TO THE ENDWALL SYSTEM DURING THE ERECTION PROCESS)
- 2) BUILT-UP COLUMNS/RAFTERS MUST BE ERECTED INDIVIDUALLY WHEN USED WITH COLD FORMED ENDWALL PARTS
- 3) THIS DETAIL IS SUGGESTED IN ORDER TO MAINTAIN STRUCTURAL INTEGRITY OF ENDWALL PARTS AFTER ERECTION. AND PRACTICALITY OF INDIVIDUAL SITUATIONS.
- 4) REGULATIONS SET FORTH BY THE OCCUPATIONAL SAFETY AND HEALTH ACT, LOCAL, STATE, AND/OR FEDERAL AGENCIES SHOULD BE ADHERED TO AT ALL TIMES. THE METAL BUILDING SUPPLIER IS <u>NOT</u> RESPONSIBLE FOR INJURY, DAMAGE, OR FAILURE WHICH MAY RESULT FROM FAILING TO MEET ANY OF THESE REGULATIONS.

AB0005)

Detailer Notes:

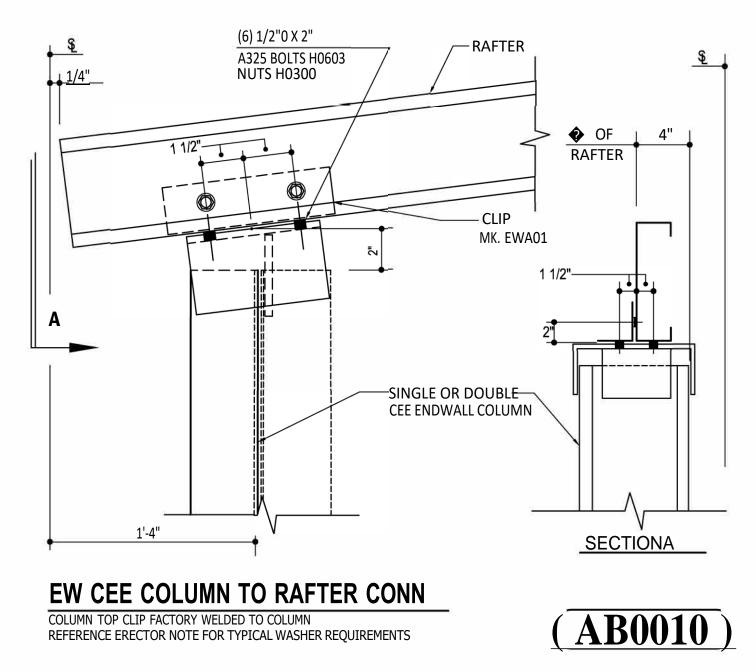
AB0005



POST & BEAM ENDWALL

PRIMARY FRAMING

AB0010 - LOW EAVE - CF RAFTER Download the DWG file by clicking here.



Detailer Notes:

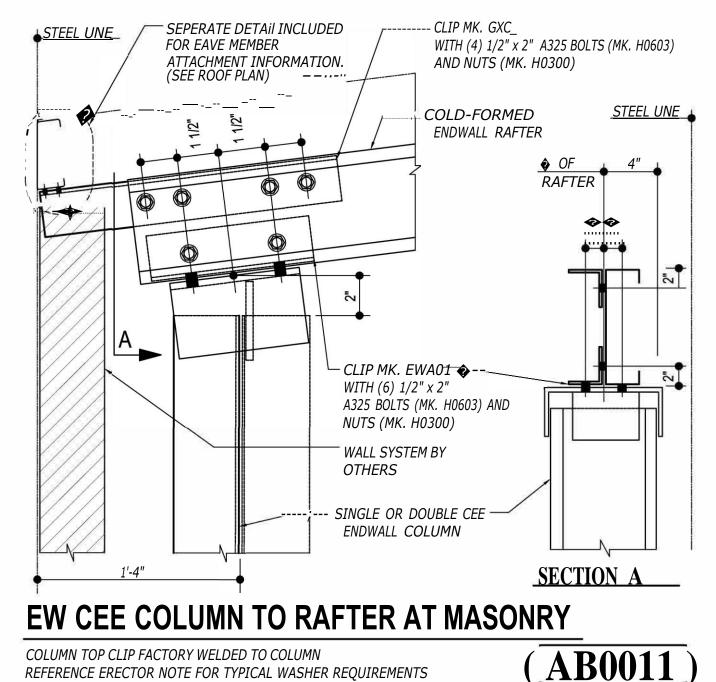


POST & BEAM ENDWALL

PRIMARY FRAMING

AB0011 - LOW EAVE - CF RAFTER AT MASONRY

Download the DWG file by clicking here.



Detailer Notes:

1) DETAILER MUST CREATE SPECIAL DETAILFOR EAVE STRUT CONN. ANO PLACE CALL OUT ON ROOF PLAN. DETAILTO INCLUDE: GXC- PART MARK & ATTACHING HARDWARE MARKS & QUANTITY.

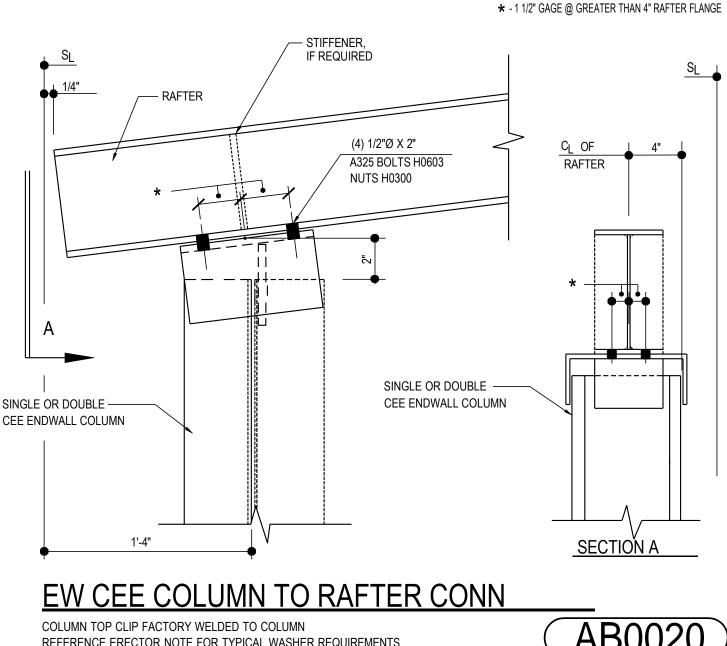
REFERENCE ROOF FRAMING PLAN FOR EAVE STRUT BOLT REQUIRMENTS



* - 1 1/8" GAGE @ 4" RAFTER FLANGE

AB0020 - LOW EAVE - BU RAFTER

Download the DWG file by clicking here.



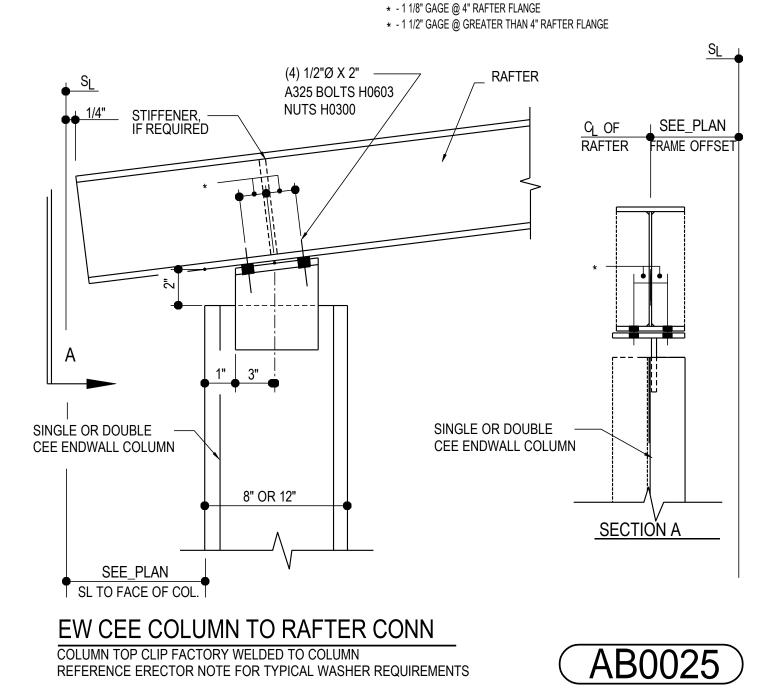
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

Detailer Notes:



AB0025 - LOW EAVE - BU RAFTER (COL. ROTATED 90°)

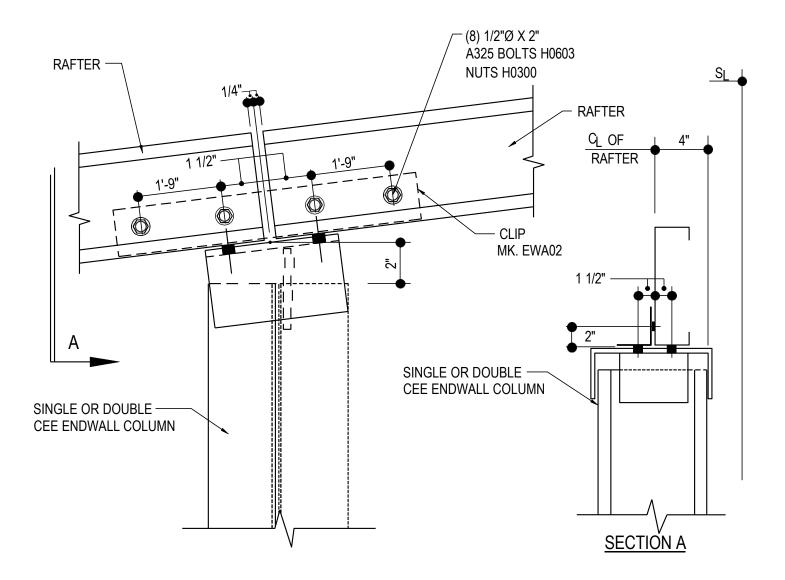
Download the DWG file by clicking here.



Detailer Notes:



AB0030 - INTERIOR - CF RAFTER (SIMPLE SPAN) Download the DWG file by clicking here.



EW CEE COLUMN TO RAFTER CONN

(SIMPLE SPAN) COLUMN TOP CLIP FACTORY WELDED TO COLUMN REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

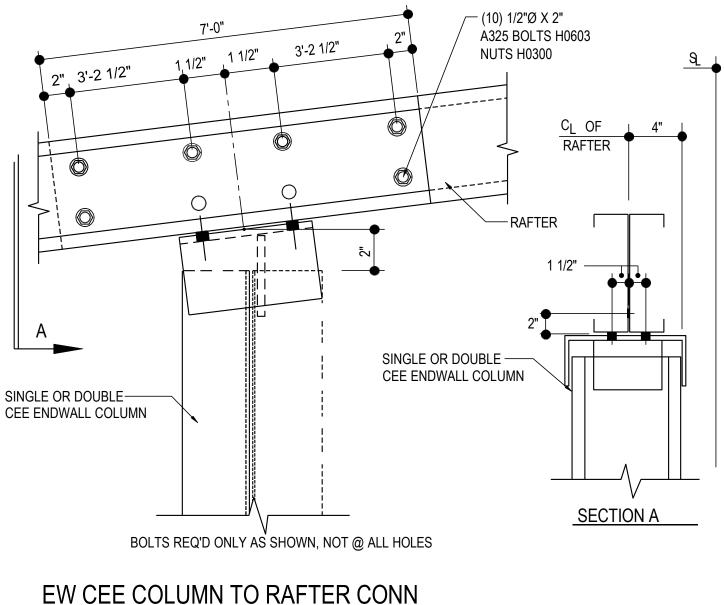


Detailer Notes:



AB0040 - INTERIOR - CF RAFTERS (LAPPED)

Download the DWG file by clicking here.



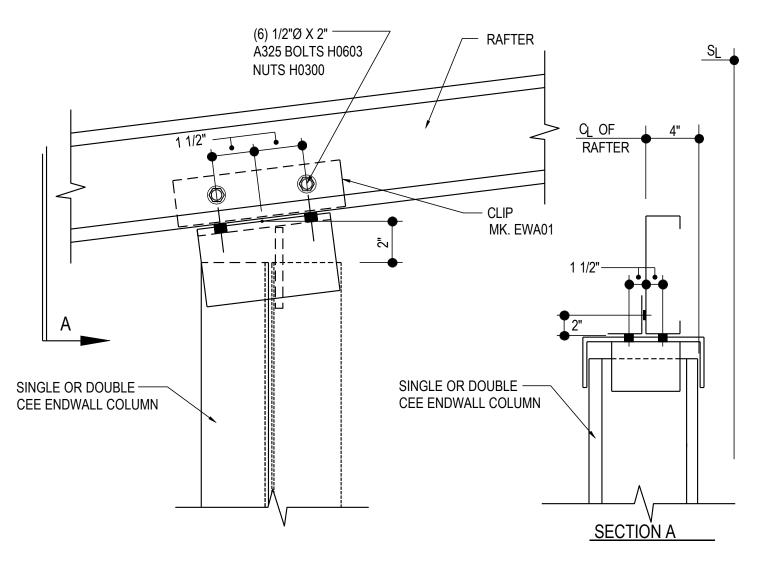
(LAPPED RAFTER) COLUMN TOP CLIP FACTORY WELDED TO COLUMN REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS



Detailer Notes:



AB0045 - INTERIOR - CF RAFTERS (CONTINUOUS) Download the DWG file by clicking here.



EW CEE COLUMN TO RAFTER CONN

(CONTINUOUS RAFTER) COLUMN TOP CLIP FACTORY WELDED TO COLUMN REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

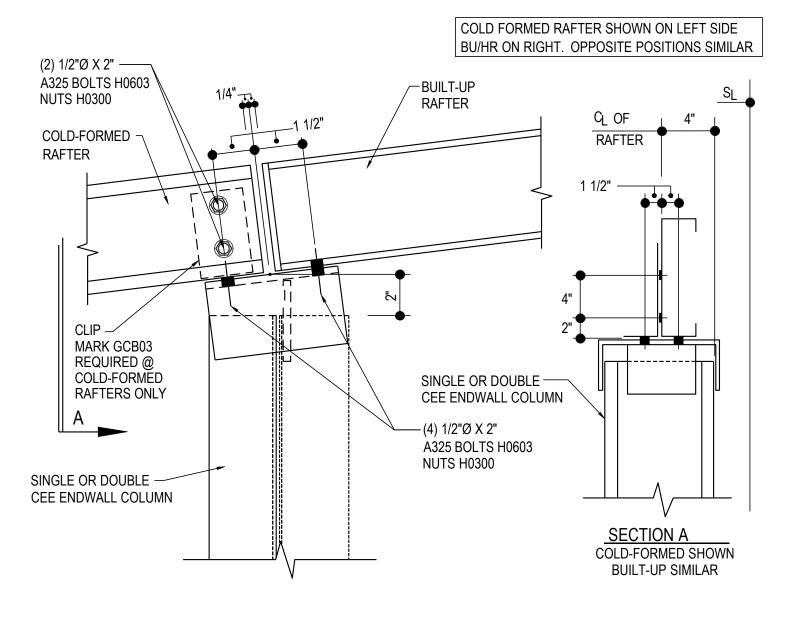


Detailer Notes:



PRIMARY FRAMING

AB0050 - INT. COLUMN TO RAFTER CONNECTION, W/BU & CF RAFTERS @ OPP. SIDES Download the DWG file by clicking here.



EW CEE COLUMN TO RAFTER CONN

BOLT COLUMN TO RAFTER FLANGS AS SHOWN COLUMN TOP CLIP FACTORY WELDED TO COLUMN REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS



Detailer Notes:



POST & BEAM ENDWALL

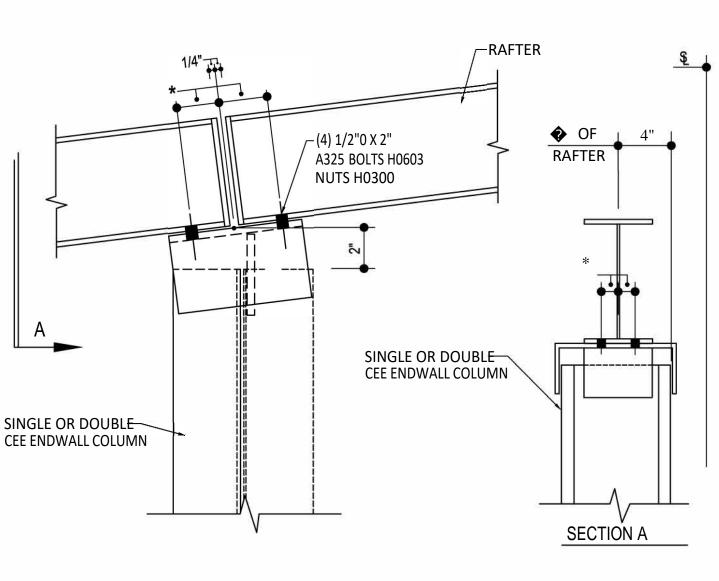
-11/8" GAGE@4" RAFTER FLANGE

* -11/2" GAGE@GREATER THAN 4" RAFTER FLANGE

PRIMARY FRAMING

AB0070 - BU RAFTERS (SIMPLE SPAN)

Download the DWG file by clicking here.



EW CEE COLUMN TO RAFTER CONN

COLUMN TOP CLIP FACTORY WELDED TO COLUMN REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS



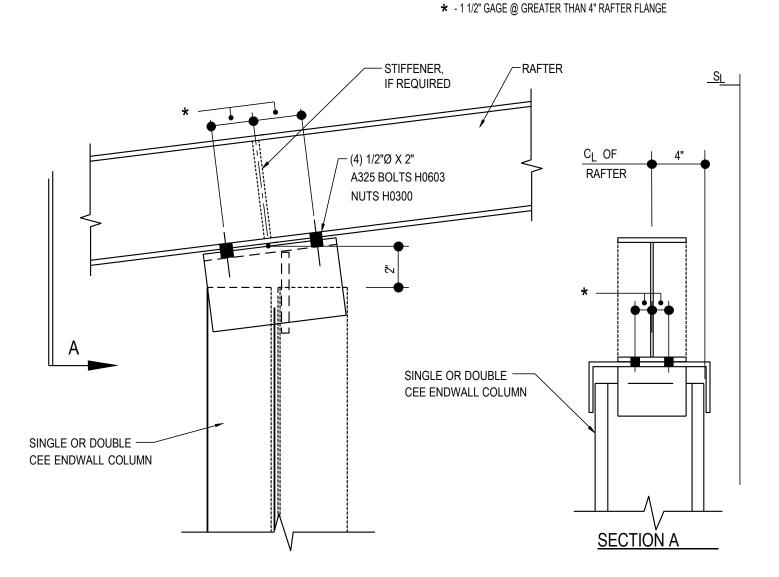
Detailer Notes:



* - 1 1/8" GAGE @ 4" RAFTER FLANGE

AB0080 - BU RAFTER (CONTINUOUS)

Download the DWG file by clicking here.



EW CEE COLUMN TO RAFTER CONN

(CONTINUOUS RAFTER) COLUMN TOP CLIP FACTORY WELDED TO COLUMN REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

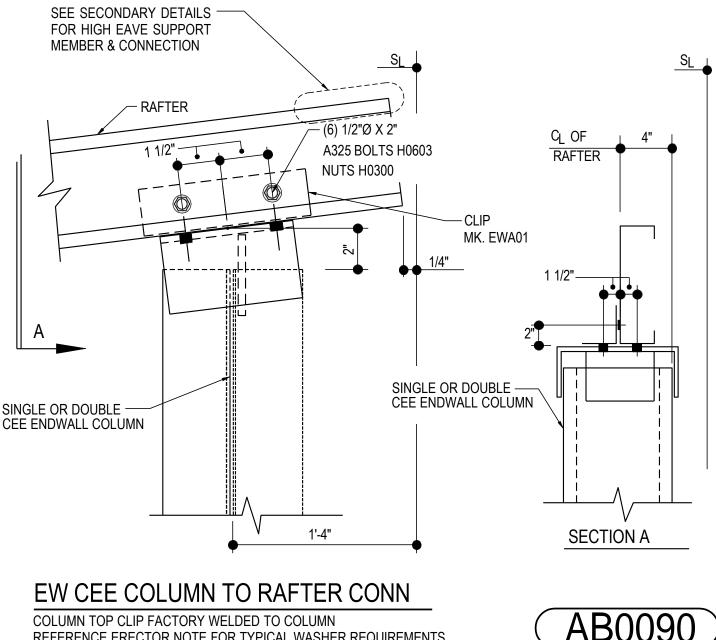


Detailer Notes:



AB0090 - HIGH EAVE - CF RAFTER

Download the DWG file by clicking here.



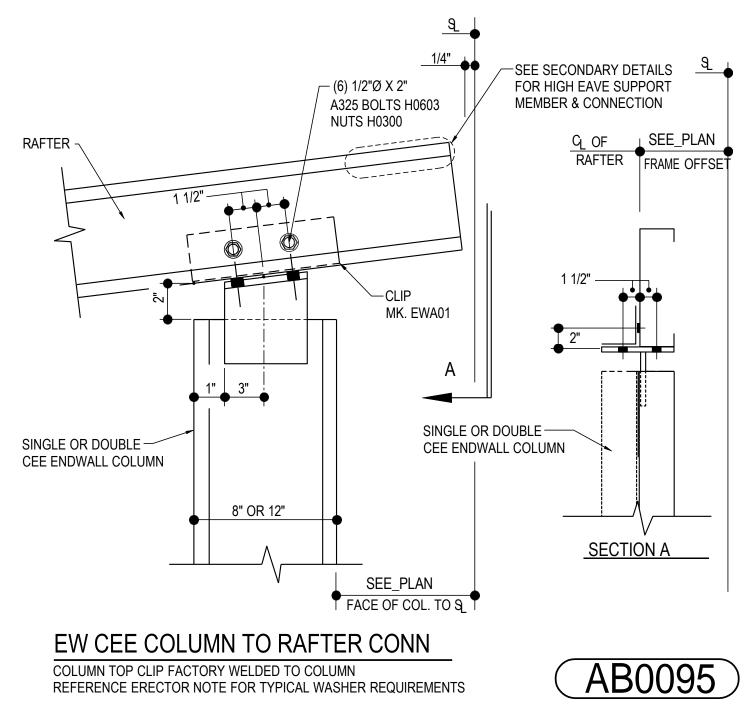
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

Detailer Notes:



AB0095 - HIGH EAVE - CF RAFTER (COL. ROTATED 90°)

Download the DWG file by clicking here.

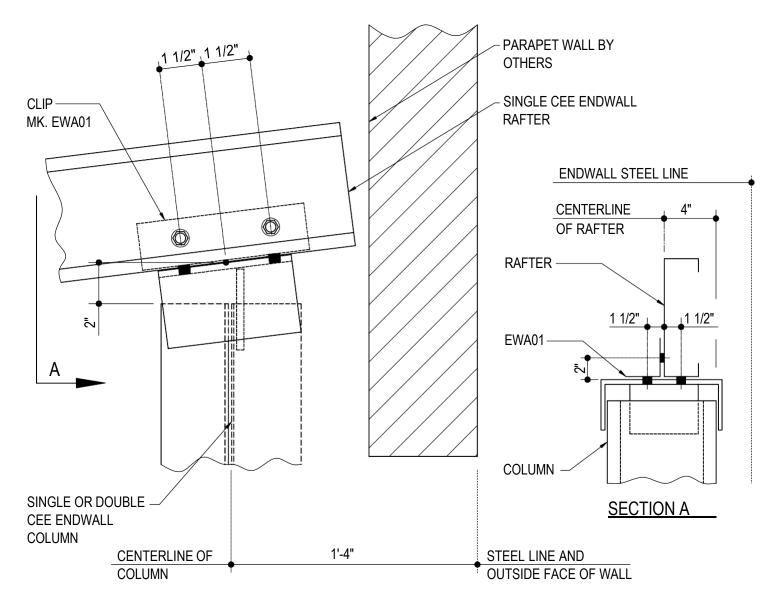


Detailer Notes:



AB0098 - HIGH EAVE PARAPET - CF RAFTER

Download the DWG file by clicking here.



EW CEE COLUMN TO RAFTER CONNECTION

COLUMN TOP CLIP FACTORY WELDED TO COLUMN USE (6) 1/2"Ø x 2" A325 BOLTS (MK. H0603) & NUTS (MK. H0300) REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

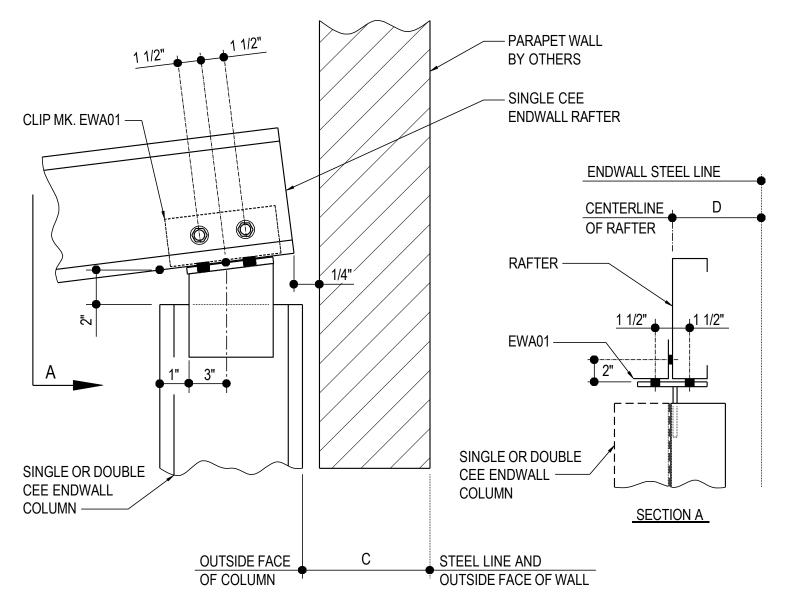


Detailer Notes:



AB0099 - EW CEE COLUMN TO RAFTER CONNECTION

Download the DWG file by clicking here.



EW CEE COLUMN TO RAFTER CONNECTION

COLUMN TOP CLIP FACTORY WELDED TO COLUMN USE (6) 1/2"Ø x 2" A325 BOLTS (MK. H0603) & NUTS (MK. H0300) REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS



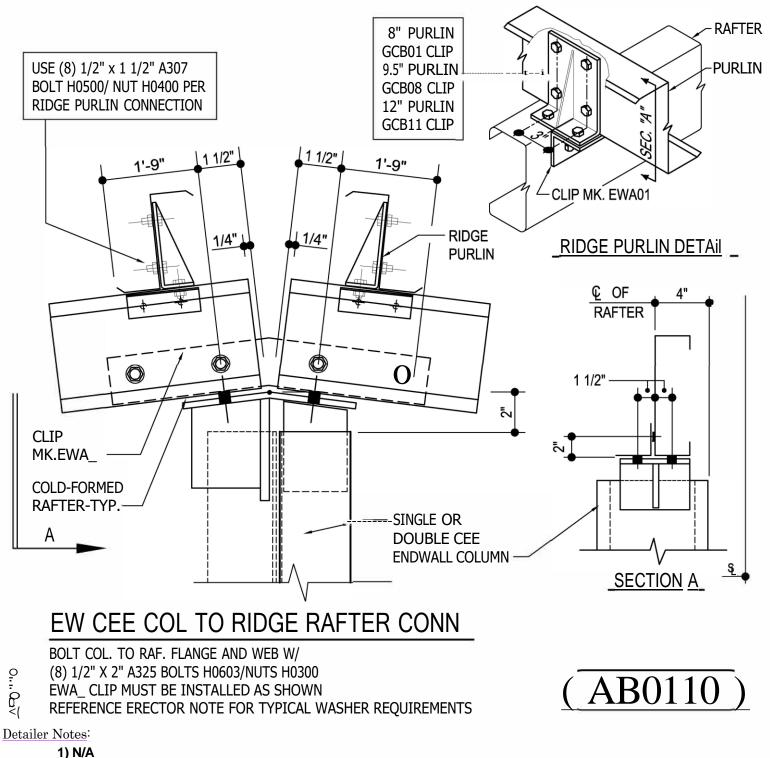
Detailer Notes:



PRIMARY FRAMING

AB0110 - EW CEE COL TO RIDGE RAFTER CONN

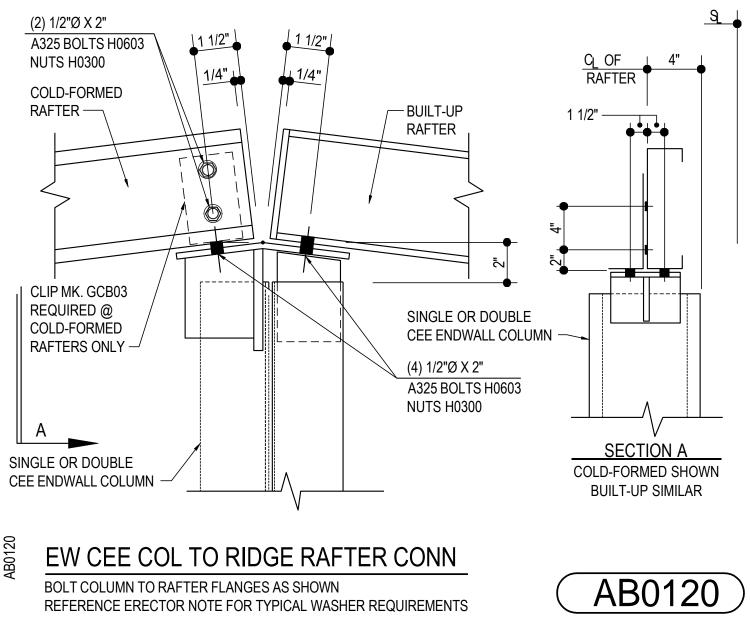
Download the DWG file by clicking here.





AB0120 - RIDGE COLUMN TO RAFTER CONNECTION, W/ BU & CF RAFTERS @ OPP. SIDES Download the DWG file by clicking here.

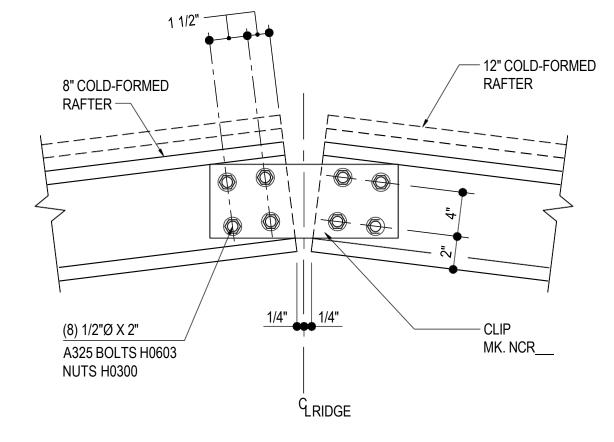
COLD FORMED RAFTER SHOWN ON LEFT SIDE, BU/HR ON RIGHT. OPPOSITE POSITION SIMILAR.



Detailer Notes:



AB0150 - EW RAFTER RIDGE CONN Download the DWG file by clicking here.





REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS



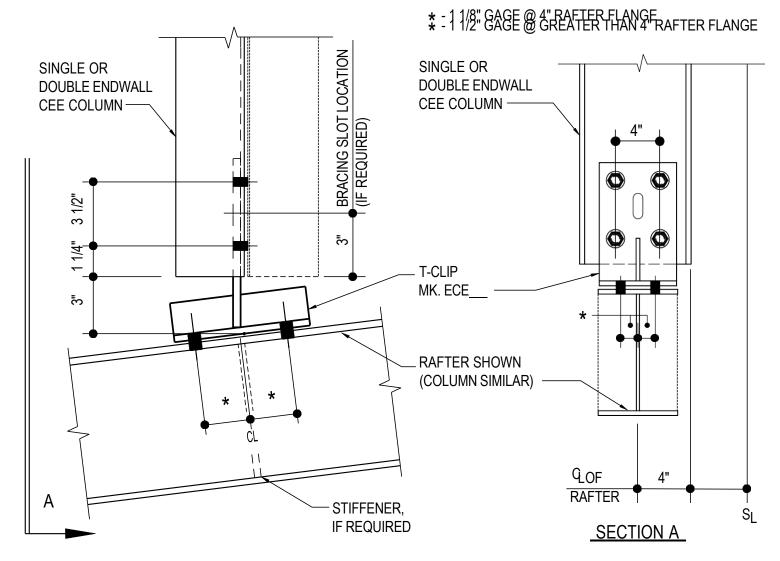
Detailer Notes:



PRIMARY FRAMING

AB0200 - ENDWALL PIGGY-BACK CEE COLUMN TO RAFTER CONN

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ENDWALL PIGGY-BACK CEE COLUMN TO RAFTER CONN

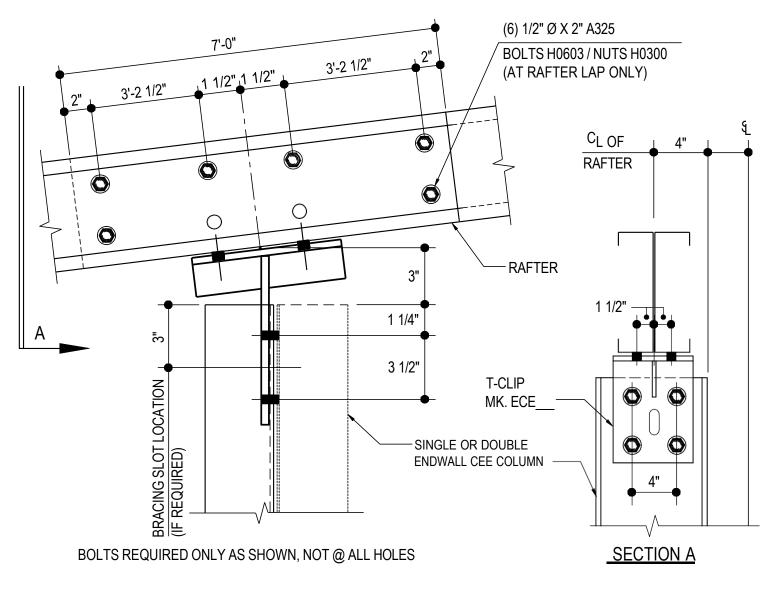
USE (8) 1/2" Ø X 2" A325 BOLTS H0603 / NUTS H0300 REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

Detailer Notes:



AB0210 - ENDWALL PIGGY-BACK CEE COLUMN TO RAFTER CONN

Download the DWG file by clicking here.



ENDWALL PIGGY-BACK CEE COLUMN TO RAFTER CONN

LAPPED COLD-FORM RAFTER USE (8) 1/2" Ø X 2" A325 BOLTS H0603 / NUTS H0300 REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

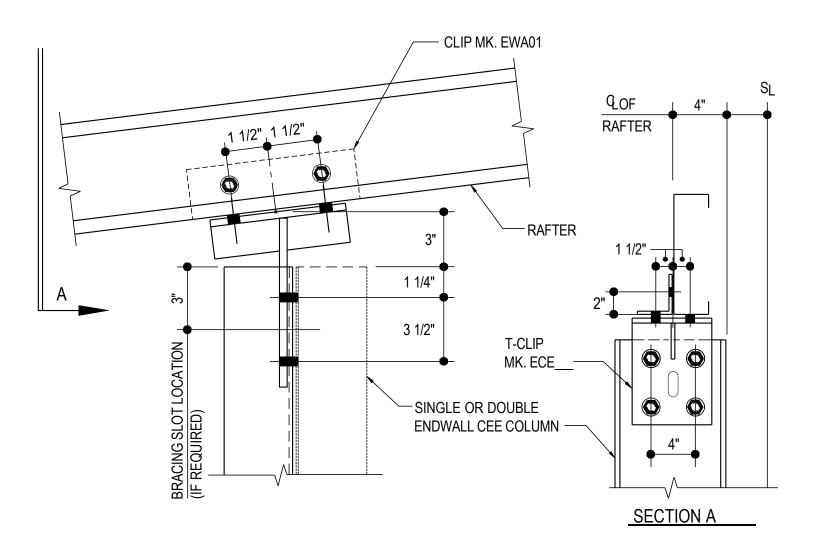
Detailer Notes:

1) N/A

AB0210



AB0220 - ENDWALL PIGGY-BACK CEE COLUMN TO RAFTER CONN Download the DWG file by clicking here.



ENDWALL PIGGY-BACK CEE COLUMN TO RAFTER CONN

SINGLE COLD-FORM RAFTER USE (10) 1/2" Ø X 2" A325 BOLTS H0603 / NUTS H0300 REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

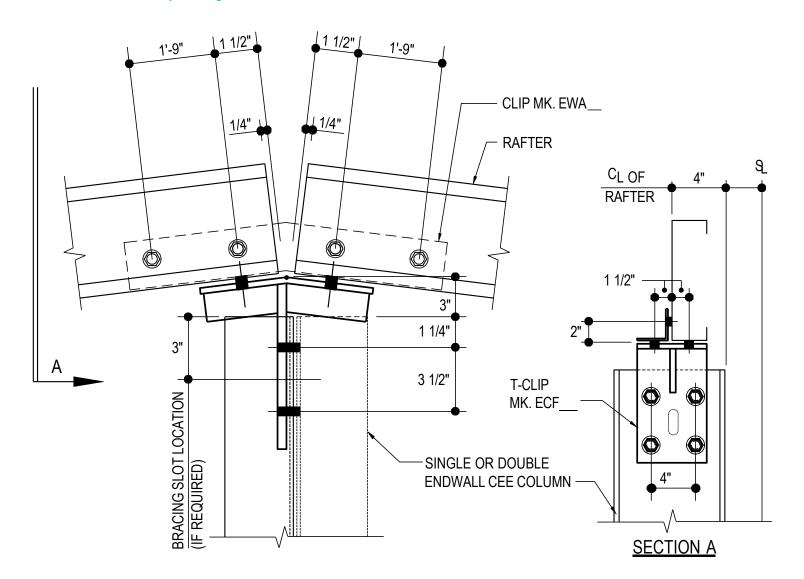
Detailer Notes:

1) N/A

AB0220



AB0230 - ENDWALL PIGGY-BACK CEE COLUMN TO RIDGE RAFTER CONN Download the DWG file by clicking here.



ENDWALL PIGGY-BACK CEE COLUMN TO RIDGE RAFTER CONN

COLD FORM RIDGE RAFTER CONNECTION USE (12) 1/2" Ø X 2" A325 BOLTS H0603 / NUTS H0300 REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS



Detailer Notes:

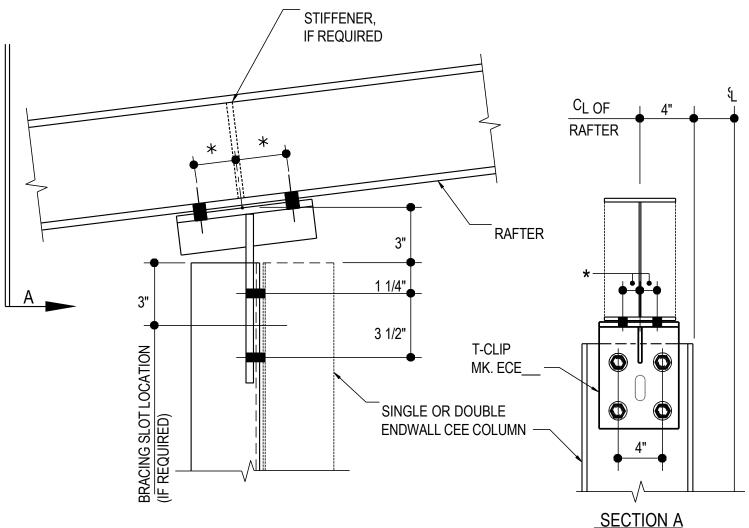


PRIMARY FRAMING

AB0240 - ENDWALL PIGGY-BACK CEE COLUMN TO RAFTER CONN

Download the DWG file by clicking here.

* 11/2" SAGE @ 4"RAFTER FLANGE RAFTER FLANGE



ENDWALL PIGGY-BACK CEE COLUMN TO RAFTER CONN

CONTINUOUS BUILT-UP / HOT-ROLLED RAFTER USE (8) 1/2" Ø X 2" A325 BOLTS H0603 / NUTS H0300 REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

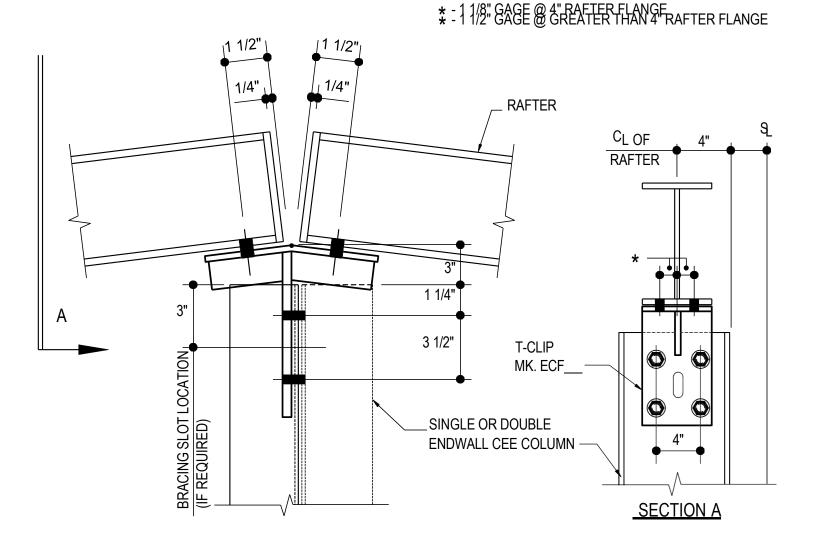
Detailer Notes:

1) N/A

AB0240



AB0250 - ENDWALL PIGGY-BACK CEE COLUMN TO RIDGE RAFTER CONN Download the DWG file by clicking here.



ENDWALL PIGGY-BACK CEE COLUMN TO RIDGE RAFTER CONN

BUILT-UP / HOT-ROLLED RIDGE RAFTER CONNECTION USE (8) 1/2" Ø X 2" A325 BOLTS H0603 / NUTS H0300 REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

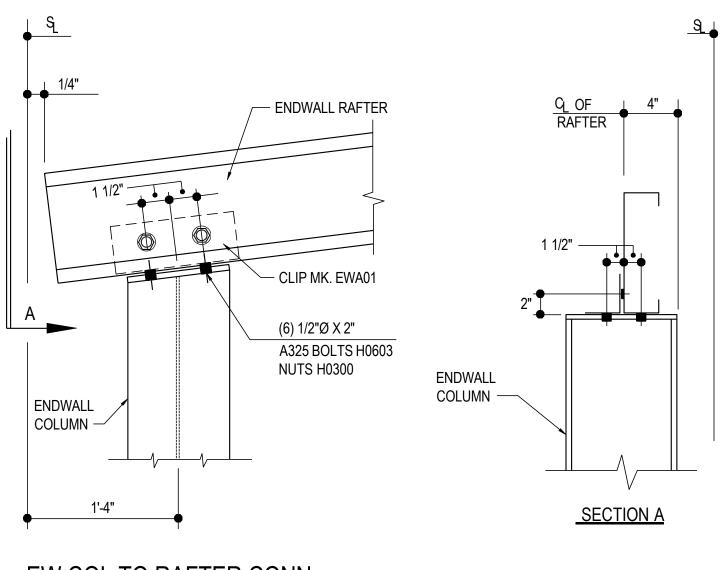
Detailer Notes:





AB0510 - EW COL TO RAFTER CONN

Download the DWG file by clicking here.



EW COL TO RAFTER CONN

REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

Detailer Notes:

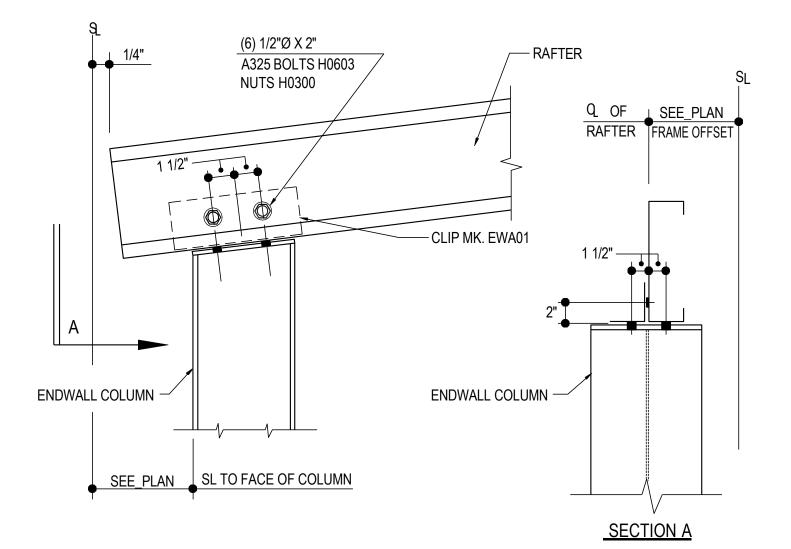
1) N/A

AB0510



AB0515 - EW COL TO RAFTER CONN

Download the DWG file by clicking here.



EW COL TO RAFTER CONN

REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

(AB0515)

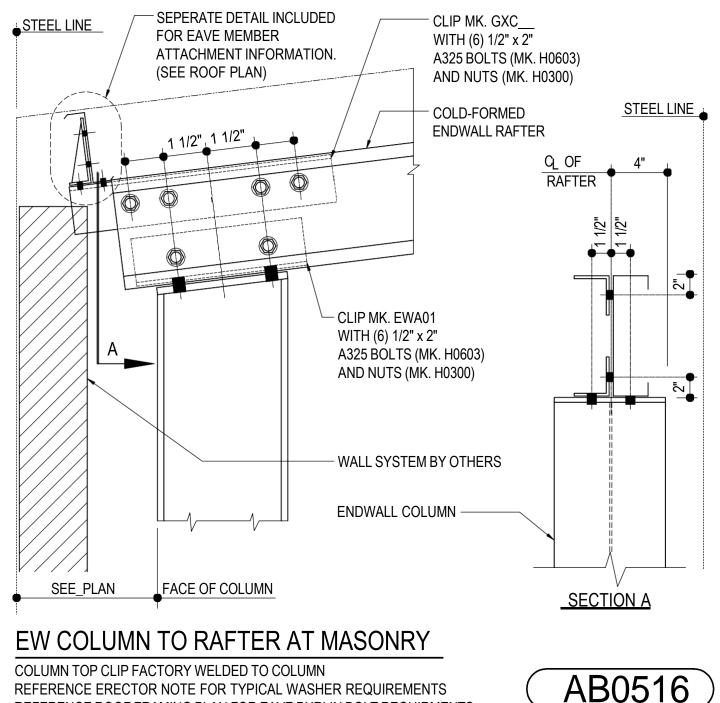
Detailer Notes:



PRIMARY FRAMING

AB0516 -LOW EAVE COL. CF RAFTER @ MASONRY WALL (COL. ROT. 90 DEG)

Download the DWG file by clicking here.



Detailer Notes:

1) DETAILER MUST CREATE SPECIAL DETAIL FOR EAVE STRUT CONN. AND PLACE CALL OUT ON ROOF PLAN. DETAIL TO INCLUDE: GXC- PART MARK & ATTACHING HARDWARE MARKS & QUANTITY.

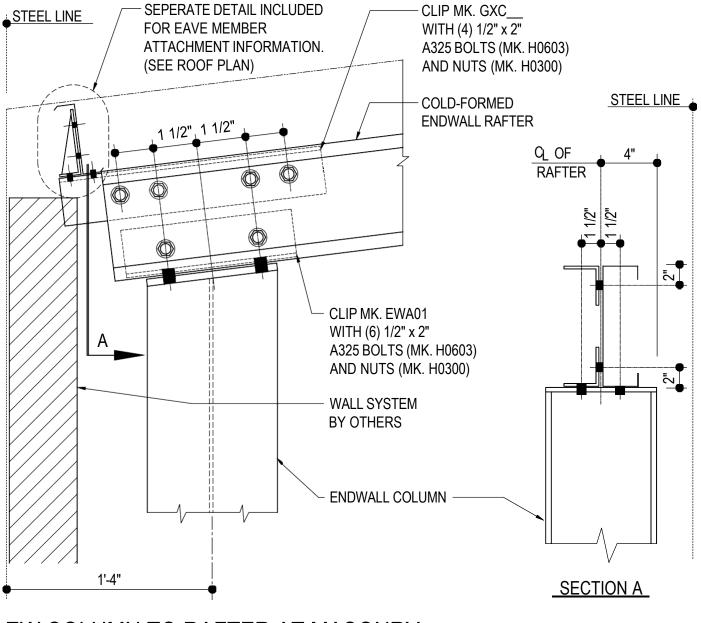
REFERENCE ROOF FRAMING PLAN FOR EAVE PURLIN BOLT REQUIRMENTS



PRIMARY FRAMING

AB0517 - LOW EAVE COL. CF RAFTER @ MASONRY WALL (COL. ROT. 90 DEG)

Download the DWG file by clicking here.



EW COLUMN TO RAFTER AT MASONRY

COLUMN TOP CLIP FACTORY WELDED TO COLUMN REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS REFERENCE ROOF FRAMING PLAN FOR EAVE PURLIN BOLT REQUIRMENTS



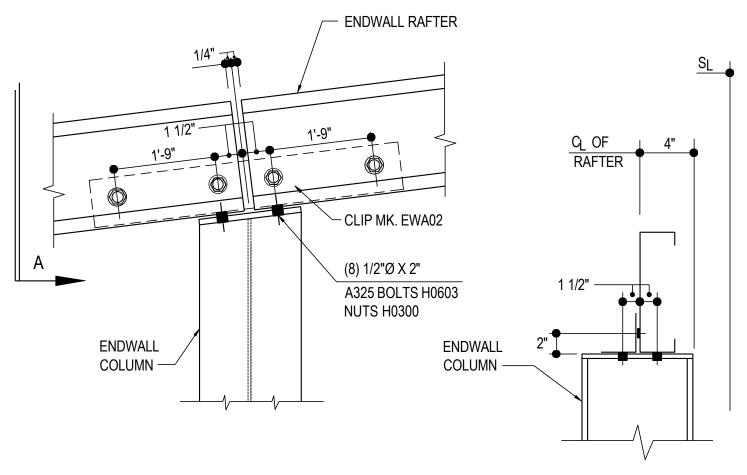
Detailer Notes:

1) DETAILER MUST CREATE SPECIAL DETAIL FOR EAVE STRUT CONN. AND PLACE CALL OUT ON ROOF PLAN. DETAIL TO INCLUDE: GXC- PART MARK & ATTACHING HARDWARE MARKS & QUANTITY.



AB0530 - CF RAFTERS (SIMPLE SPAN)

Download the DWG file by clicking here.



SECTION A

EW COL TO RAFTER CONN

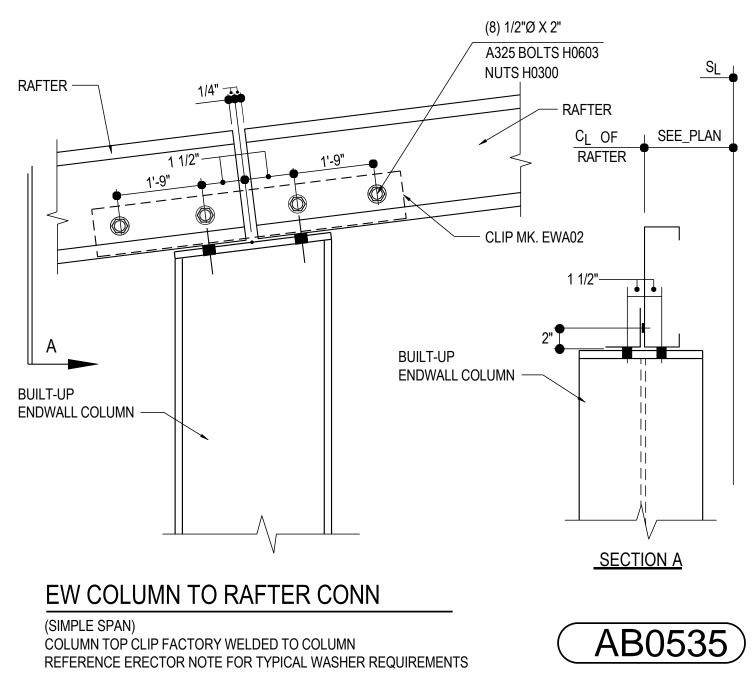
(SIMPLE SPAN RAFTER) REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS



Detailer Notes:



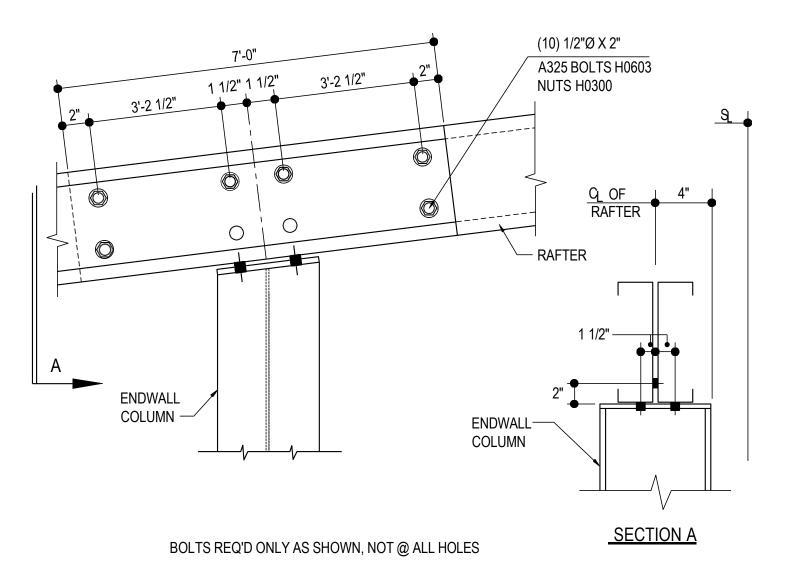
AB0535 - CF RAFTER (SIMPLE SPAN-COLUMN ROTATED 90 DEG) Download the DWG file by clicking here.



Detailer Notes:



AB0540 - CF RAFTER (LAPPED) Download the DWG file by clicking here.



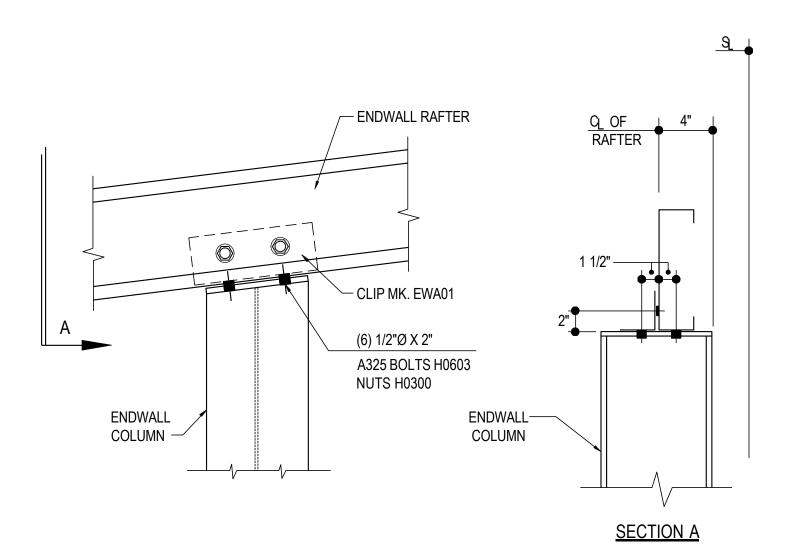
EW COL TO RAFTER CONN

(LAPPED RAFTER) REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS AB0540

Detailer Notes:

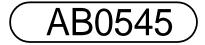


AB0545 - COLUMN TO CF RAFTER (CONTINUOUS) Download the DWG file by clicking here.



EW COL TO RAFTER CONN

(CONTINUOUS RAFTER) REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

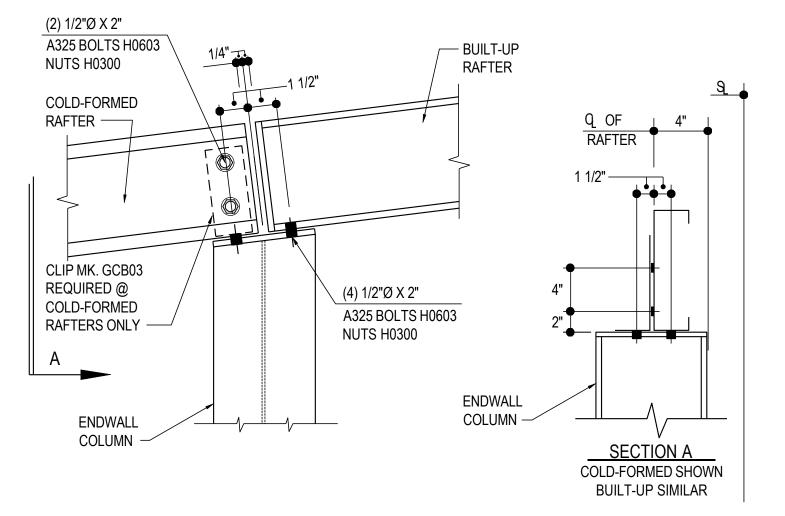


Detailer Notes:



AB0550 - INTERMEDIATE COL. CONN. (SIMPLE SPAN W/ BU & CF RAFTERS @ OPP. SIDES) Download the DWG file by clicking here.

COLD FORMED RAFTER SHOWN ON LEFT SIDE, BU/HR ON RIGHT. OPPOSITE POSITION SIMILAR.



EW COL TO RAFTER CONN

REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

Detailer Notes:

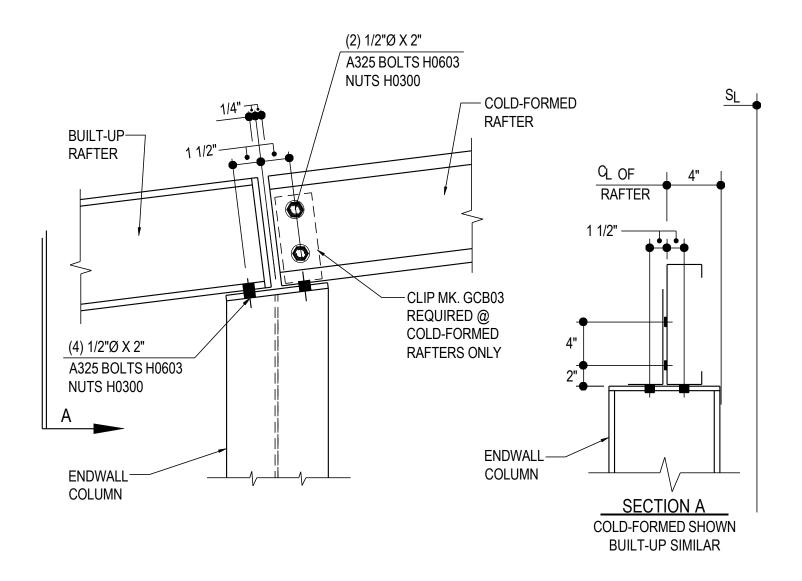
1) N/A

AB0550



AB0560 - BU RAFTER LEFT CF RAFTER RIGHT

Download the DWG file by clicking here.



EW COL TO RAFTER CONN

REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

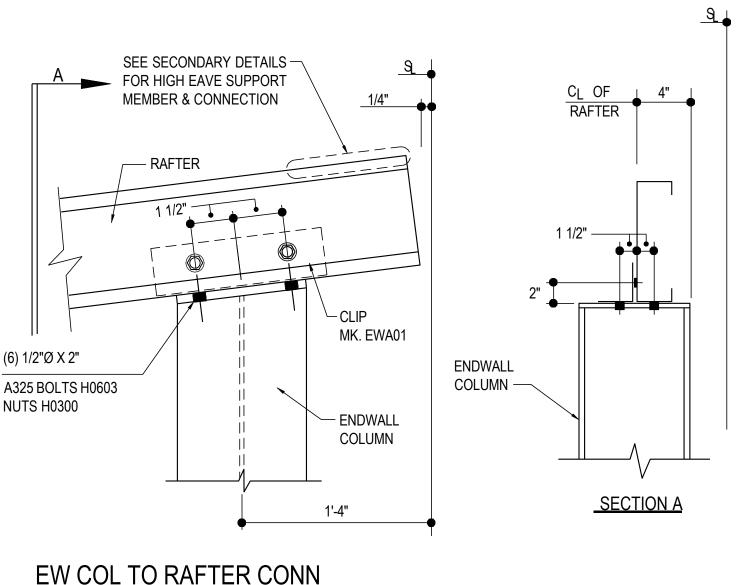
Detailer Notes:

1) N/A

AB0560



AB0590 - HIGH EAVE (CF RAFTER) Download the DWG file by clicking here.



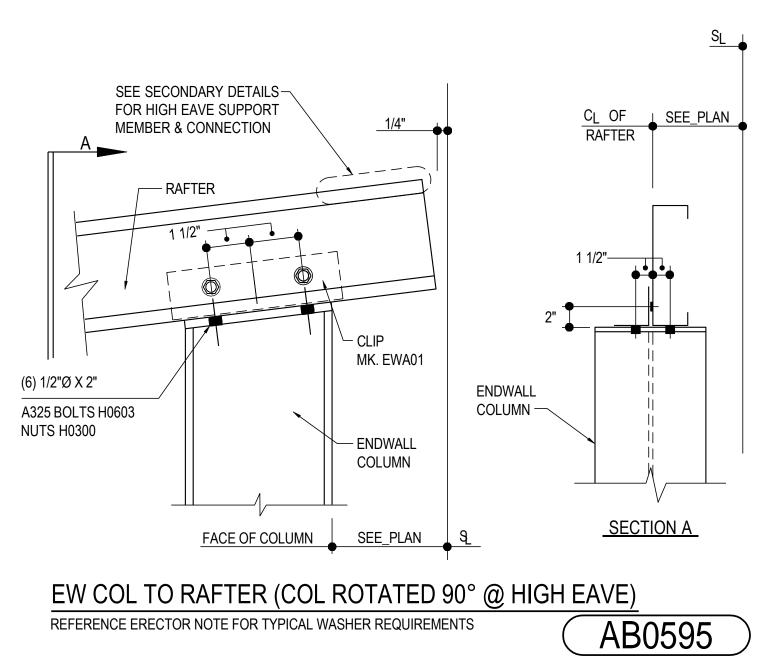
EVV COL TO RAFTER CONN REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

(AB0590)

Detailer Notes:



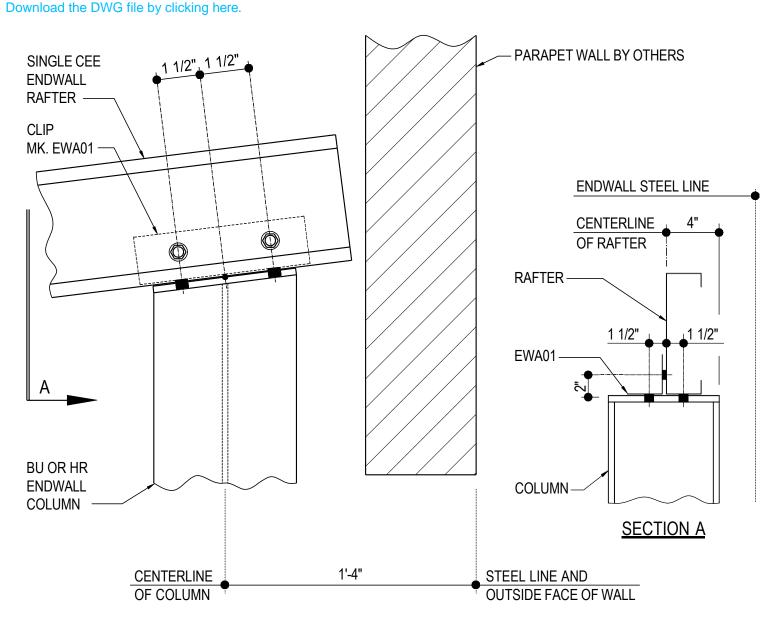
AB0595 - EW COL TO RAFTER (COL ROTATED 90° @ HIGH EAVE) Download the DWG file by clicking here.



Detailer Notes:



AB0598 -EW COLUMN TO RAFTER CONNECTION (HIGH EAVE @ PARAPET BY OTHERS)



EW COL. TO RAFTER CONN. (HIGH EAVE @ PARAPET BY OTHERS)

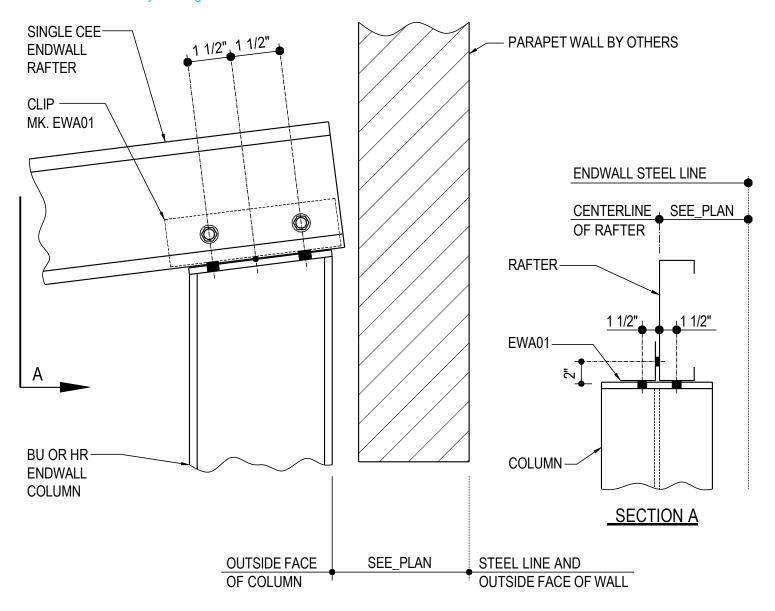
BU OR HR COLUMN TO CEE RAFTER CONNECTION USE (6) 1/2"Ø x 2" A325 BOLTS (MK. H0603) & NUTS (MK. H0300) REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

AB0598

Detailer Notes:



(AB0599 - 90° ROTATED EW COL TO RAFTER CONN @ H EAVE (WITH PARAPET) Download the DWG file by clicking here.



90° ROTATED EW COL TO RAFTER CONN @ H EAVE (WITH PARAPET)

BU OR HR COLUMN TO CEE RAFTER CONNECTION USE (6) 1/2"Ø x 2" A325 BOLTS (MK. H0603) & NUTS (MK. H0300) REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

AB0599)

Detailer Notes:

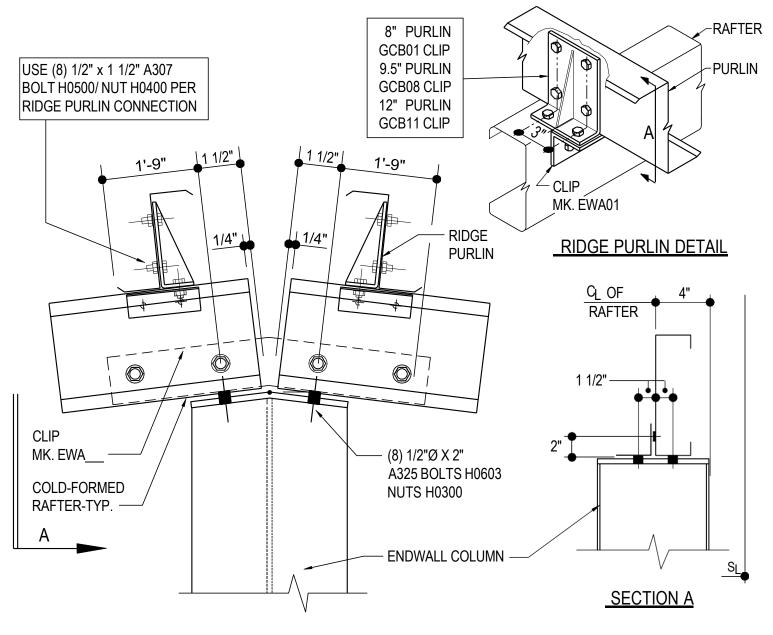


POST & BEAM ENDWALL

PRIMARY FRAMING

AB0610 - EW COL TO CF RAFTER CONN (@ RIDGE)

Download the DWG file by clicking here.



EW COL TO CF RAFTER CONN (@ RIDGE)

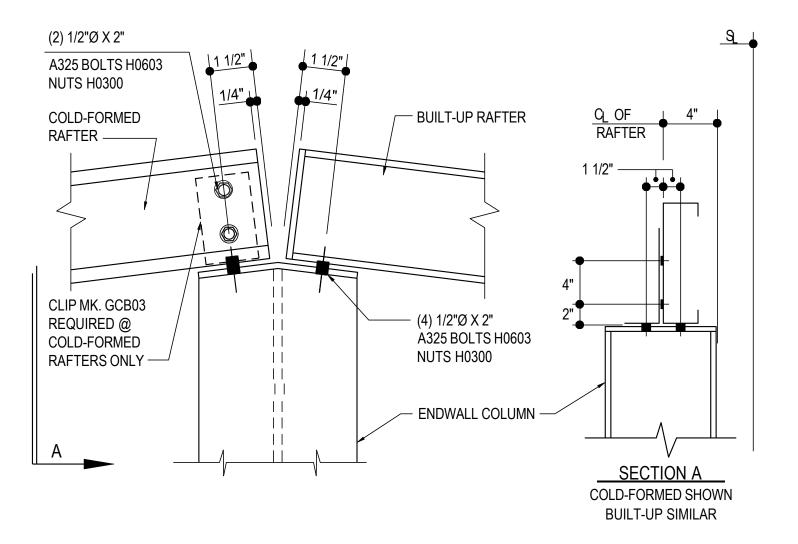
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS



Detailer Notes:



AB0620 - RIDGE (BU RAFTER RIGHT, CF RAFTER LEFT) Download the DWG file by clicking here.



RIDGE (BU RAFTER RIGHT, CF RAFTER LEFT)

REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS



Detailer Notes: