

**TABLE OF CONTENTS**

|  |    |
|--|----|
| Canopy Information and Specifications .....              |    |
| 3  |    |
| Standard Color Definition for Canopies .....             | 4  |
| Standard Color Definition for Boxed-Out Canopies .....   | 5  |
| Eave/Rake Extension Information and Specifications ..... |    |
| 6 Standard Color Definition for Eave Extensions .....    |    |
| 7  |    |
| Standard Color Definition for Rake Extensions .....      |    |
| 8  |    |
| Canopy Structural Details .....                          |    |
| 9  |    |
| Below Eave Canopy (Exposed Beam) .....                   |    |
| 9  |    |
| CE0010PE – Sheeting, Bypass Girts .....                  |    |
| 9 AQ0010 – Bypass Girts .....                            |    |
| 10   |    |
| AQ0020 – Inset Girts .....                               |    |
| 11   |    |
| AQ0030 – Flush Girts .....                               |    |
| 12   |    |
| At Eave Canopy (Exposed Beam) .....                      |    |
| 13   |    |
| CE0050PE – Sheeting, Bypass Girts .....                  |    |
| 13 AQ0040 – Bypass Girts                                 |    |
| .....  | 14 |
| AQ0050 – Inset Girts .....                               | 15 |
| AQ0060 – Flush Girts .....                               | 16 |
| AQ0070 – High Side, Flush Girts .....                    |    |
| 17   |    |
| Boxed-Out Canopy Structural Details .....                |    |
| 18   |    |

|  |    |
|--|----|
| Flush Sidewall Girts .....                       |    |
| 18 AQ0110 – Low Eave, Built-Up .....             | 18 |
| AQ0120 – High Eave, Built-Up .....               | 19 |
| AQ0130 – Low Eave, Cold-Form .....               | 20 |
| AQ0140 – High Eave, Cold-Form .....              | 21 |
| Inset Sidewall Girts .....                       |    |
| 22 AQ0200 – Beam Spacer Detail .....             |    |
| 22 AQ0210 – Low Eave, Built-Up .....             | 23 |
| AQ0220 – High Eave, Built-Up .....               | 24 |
| AQ0230 – Low Eave, Cold-Form .....               | 25 |
| AQ0240 – High Eave, Cold-Form .....              | 26 |
| Bypass Sidewall Girts .....                      |    |
| 27 AQ0300 – Beam Spacer Detail .....             |    |
| 27 AQ0310 – Low Eave, Built-Up .....             | 28 |
| AQ0320 – High Eave, Built-Up .....               | 29 |
| AQ0330 – Low Eave, Cold-Form .....               | 30 |
| <b>7.2.1</b> AQ0340 – High Eave, Cold-Form ..... | 31 |
| Post and Beam Endwall .....                      | 32 |
| AQ0410 – Flush .....                             | 32 |
| AQ0420 – Inset .....                             | 33 |
| AQ0430 – Bypass .....                            | 34 |
| AQ0440 – Rafter, Low Eave, - Built-Up .....      | 35 |

|  |    |
|--|----|
| AQ0450 – Rafter, High Eave, - Built-Up .....                             | 36 |
| AQ0460 – Rafter, Low Eave, - Cold-Form.....                              | 37 |
| AQ0470 – Rafter, High Eave, - Cold-Form .....                            | 38 |
| Cold-Formed Horizontal Details .....                                     | 39 |
| AQ0500 – Single CEE Horizontal .....                                     | 39 |
| AQ0510 – Double CEE Horizontal .....                                     | 40 |
| Boxed-Out Canopy Sheeting Details .....                                  | 41 |
| Classic Roof .....   | 41 |
| DO0105 – Beam Trim Detail .....  | 41 |
| DO0110PE – Low Eave, No Gutter .....                                     | 42 |
| DO0130PE – Low Eave, Gutter .....  | 43 |
| DO0150PE – Rake .....  | 44 |
| DO0160PE – High Eave .....   | 45 |
| C.F.R. Roof .....  | 46 |
| EQ6005 – Beam Trim Detail .....  | 46 |
| EQ6010 – Low Eave, No Gutter .....                                       | 47 |
| EQ0030PE – Low Eave, Gutter .....  | 48 |
| EQ0050PE – Rake .....  | 49 |
| EQ0060PE – High Eave .....   | 50 |
| Eave/Rake Extension Details .....  | 51 |
| CE0080PE – Eave Extension (Concealed Beam) .....                         | 51 |
| DM0070 – Rake Extension (Valley Steel “Classic Roof”™) .....             | 52 |
| EO1050PE – Rake Extension (Valley Steel “CFR”™ Roof) .....               | 53 |
| DM0210 – Eave Extension at Box Beam (Valley Steel “Classic Roof”™) ..... | 54 |
| EO6210 – Eave Extension at Box Beam (Valley Steel “CFR”™ Roof) .....     | 55 |

|   |    |
|---|----|
| Walkdoor Canopy Details .....           | 56 |
| DO0600PE – Walkdoor Canopy Detail ..... | 56 |

## 7.2.2

### **CANOPY INFORMATION AND SPECIFICATIONS**

1. Canopies may be ordered “at eave” or “below eave”. The structural beam of the canopy is not enclosed within the optional soffit system. Standard canopy projections are 5’-0” or 10’-0”.
2. Canopy systems must terminate at a sidewall or endwall column.
3. Reference details in this section when specifying a canopy to determine minimum and maximum standard projections. Deviation from these standard limitations may require non-standard framing methods to be priced for the project.
4. Standard below eave canopy roof slope shall be 1:12.
5. Soffit material where specified, spans the canopy projection. Other soffit applications are non-standard and require special pricing.
6. Valley Steel standard product soffit panel configuration shall be Valley Steel Classic Wall™ panel, Valley Steel Reverse Classic Wall™ panel, or Valley Steel Accent Wall™ panel.
7. Customer shall establish a clear height requirement for below eave canopies. This is defined as the distance from the building finished floor elevation to the underside of the canopy beam. (Refer to the following details.)
8. In any below eave canopy condition, Valley Steel shall consider the possibility of snowdrift.
9. Standard below eave canopy roof type is to be Classic 26 ga. unless specified otherwise.



**V A L L E Y**  
**S T E E L**  
CONSTRUCTION INC.

## PRODUCT & ENGINEERING MANUAL

10. Eave condition on below eave canopy is to match main building unless noted otherwise.

LAST REVISION

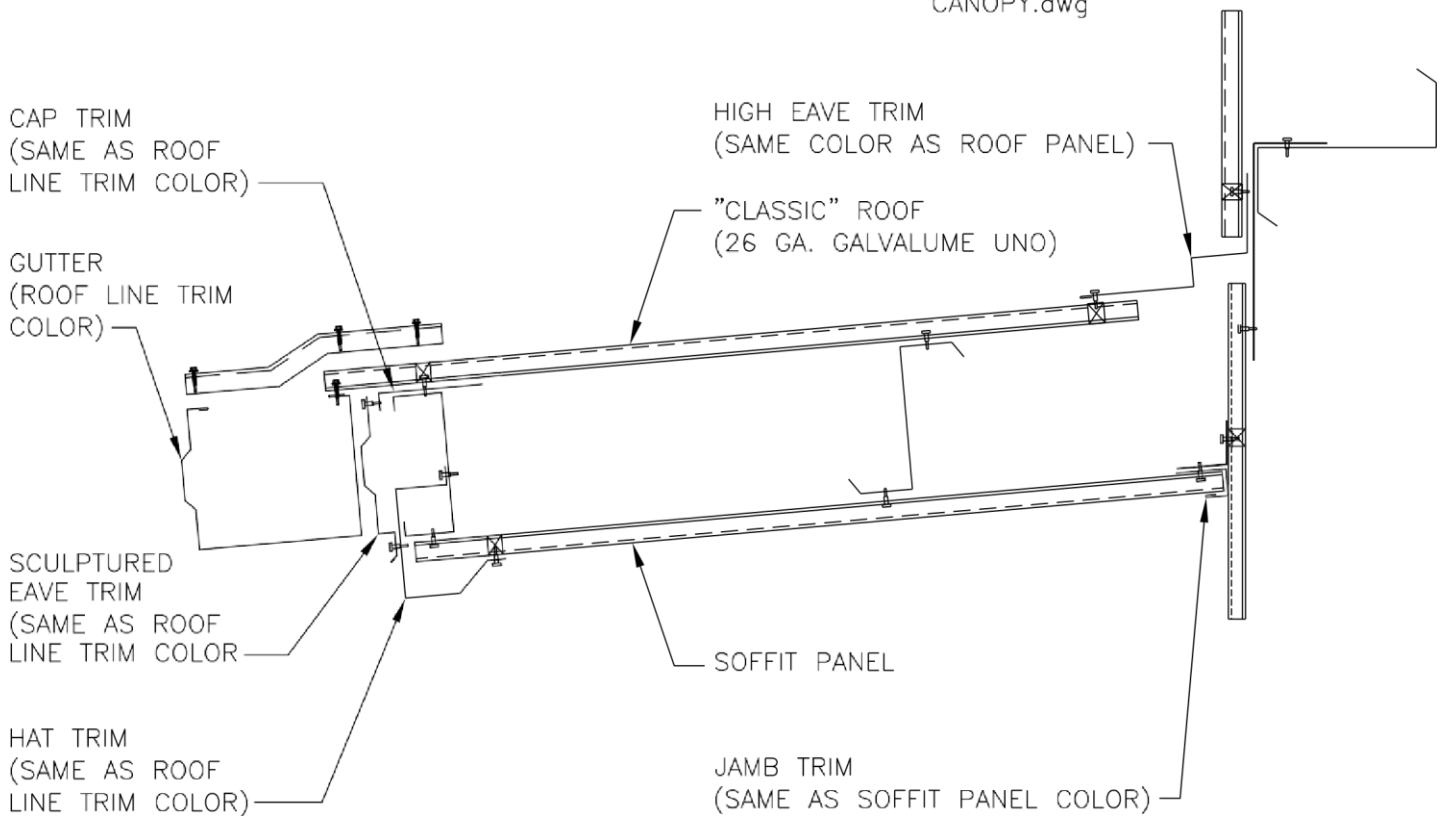
DATE: 02/16/15

BY: AK EGB

**STANDARD COLOR DEFINITION FOR CANOPIES**

STANDARD COLORS FOR CANOPIES

CANOPIE.dwg





**V A L L E Y**  
**S T E E L**  
CONSTRUCTION INC.

## PRODUCT & ENGINEERING MANUAL

LAST REVISION

DETAIL NAME IF APPLICABLE

DATE: 08/17/09

[CE0004PE.DWG](#)

BY: DLC AES

**STANDARD COLOR DEFINITION FOR BOXED-OUT CANOPIES**

CHK:

**7.2.7** |

|

## STANDARD COLORS FOR BOXED-OUT CANOPIES

BOXED OUT CANOPY.dwg

"CLASSIC" ROOF PANEL  
(SHOWN FOR REFERENCE ONLY)

NOTE: SCULPTURED RAKE TRIM AND  
HIGH EAVE TRIM ARE ALSO THE SAME  
AS THE ROOF LINE TRIM AS STANDARD

GUTTER  
(ROOF LINE  
TRIM COLOR)

LOW EAVE TRIM  
(SAME COLOR AS  
ROOF LINE TRIM)

CANOPIE FACE PANEL

SOFFIT TRIM  
(SAME COLOR AS  
FACE PANEL)

SOFFIT PANEL (ALL STANDARD COLORS)

SOFFIT TRIM  
(SAME COLOR AS SOFFIT PANEL)



LAST REVISION

DETAIL NAME IF APPLICABLE

DATE: 04/03/02

CE0005PE.DWG

BY: CDM RJF

**EAVE/RAKE EXTENSION INFORMATION AND SPECIFICATIONS**

1. The standard eave or rake extension is an extension of the roof purlin system, and therefore follows the profile of the main building. The structural components (beams and/or purlins) are completely enclosed within the soffit panel system. Standard eave/rake extension projections are 2'-0" and 4'-0".
2. Rake extensions cannot continue further than the sidewall steel line. Roof extensions beyond the sidewall steel line will be considered an eave extension.
3. Reference details in this section when specifying an eave/rake extension to determine minimum and maximum standard projections. Deviations from these standard limitations may require non-standard framing methods to be priced for the project.
4. Soffit material is used with eave/rake extensions as a standard to allow for a "cleaner" flashing condition.
5. Soffit material shall run parallel with roof line.
6. Valley Steel standard soffit panel configuration shall be Valley Steel Classic Wall™ panel, Valley Steel Reverse Classic Wall™ panel, or Valley Steel Accent Wall™ panel.
7. Eave extensions must start and stop at frame lines.

**7.2.9**

CHK:

8. Eave extension beams may consist of built-up, hot-rolled, or cold-formed material. Reference CAD Details (Section "AN") and Design to Detailing Sheets for specific framing information.

LAST REVISION

DATE: 02/16/15

BY: AK EGB

**STANDARD COLOR DEFINITION FOR EAVE EXTENSIONS**

## STANDARD COLORS FOR EAVE EXTENSIONS

EAVE EXTENSION.dwg

"CLASSIC" ROOF

(SHOWN FOR REFERENCE ONLY)

CAP TRIM

(ROOF LINE TRIM COLOR)

GUTTER

(ROOF LINE TRIM COLOR)

FACE TRIM

(ROOF LINE TRIM COLOR)

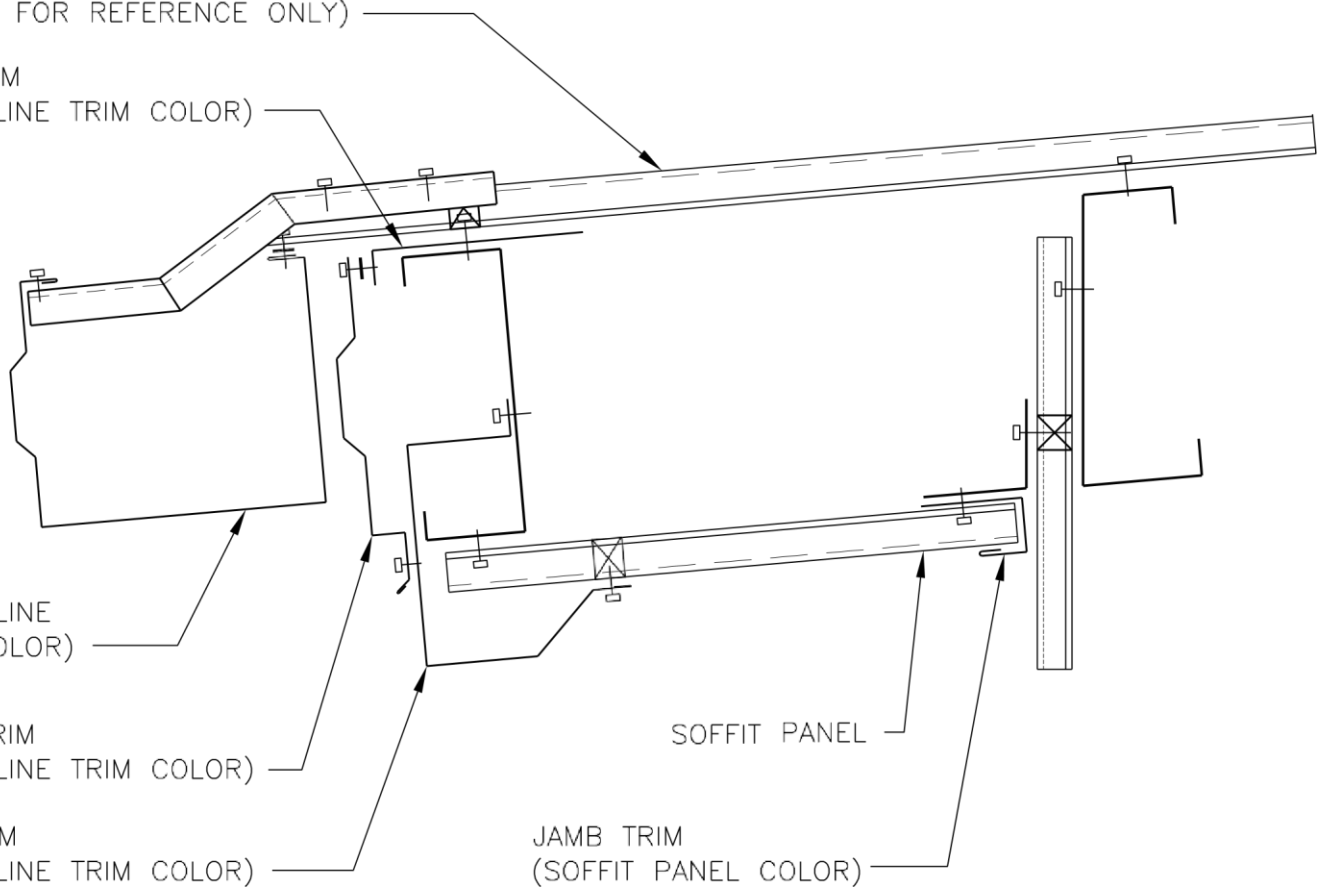
HAT TRIM

(ROOF LINE TRIM COLOR)

SOFFIT PANEL

JAMB TRIM

(SOFFIT PANEL COLOR)



**7.2.11**

CHK:



**V A L L E Y**  
**S T E E L**  
CONSTRUCTION INC.

## PRODUCT & ENGINEERING MANUAL

LAST REVISION

DATE: 08/17/09

BY: DLC AES

DETAIL NAME IF APPLICABLE

**CE0006PE.DWG**



# PRODUCT & ENGINEERING MANUAL

REVISION  
08/17/09

NAME IF

LAST DETAIL

APPLICABLE

DATE: \_\_\_\_\_ **7.2.13**

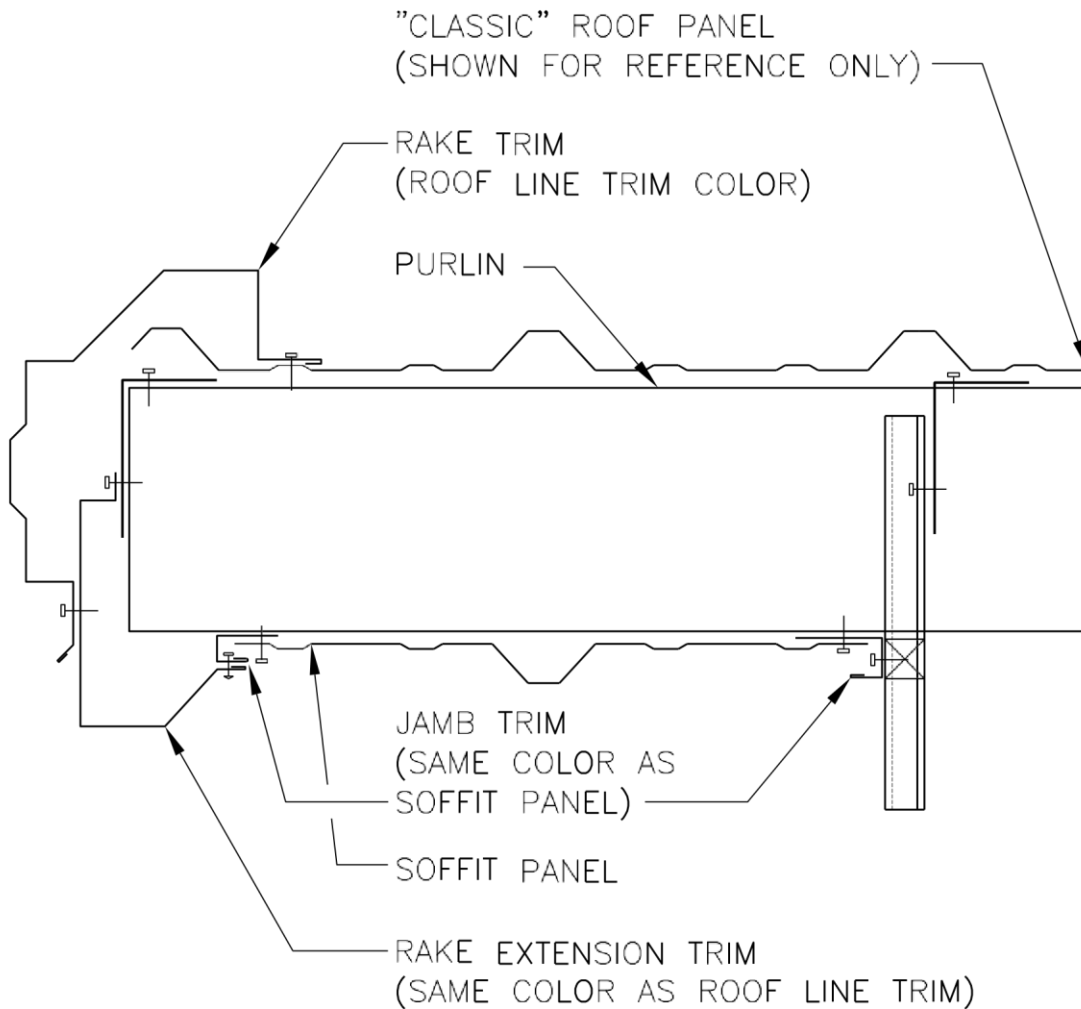
BY: \_\_\_\_\_ CHK: \_\_\_\_\_

DLC \_\_\_\_\_ AES

**CE0007PE.DWG STANDARD COLOR DEFINITION  
FOR RAKE EXTENSIONS**

**STANDARD COLORS FOR RAKE EXTENSIONS**

RAKE\_EXTENSION.dwg

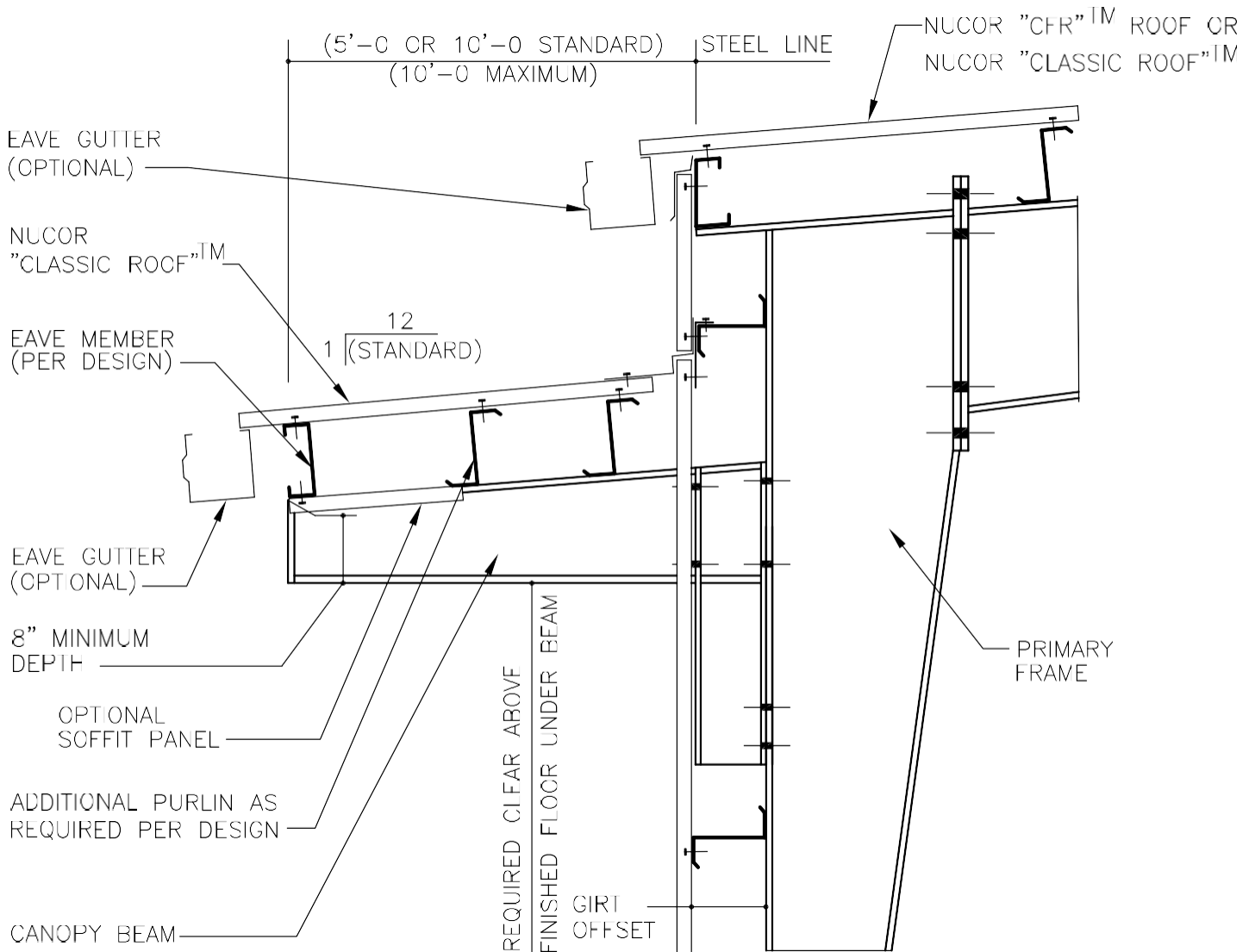


LAST REVISION  
DATE: 02/16/15  
BY: AK CHK: EGB

DETAIL APPLICABLE  
**7.2.14**

**CANOPY STRUCTURAL DETAILS**  
**BELOW EAVE CANOPY (EXPOSED BEAM)**

**CE0010PE – SHEETING, BYPASS GIRTS**



NOTE:

1) OFFSET GIRT CONDITION SHOWN. ALSO AVAILABLE WITH INSET GIRT CONDITION.

LAST REVISION DATE: 08/17/09

BY: DLC CHK: AES

**DETAIL NAME IF APPLICABLE**

**CE0010PE.DWG**



# PRODUCT & ENGINEERING MANUAL

## AQ0010 – BYPASS GIRTS

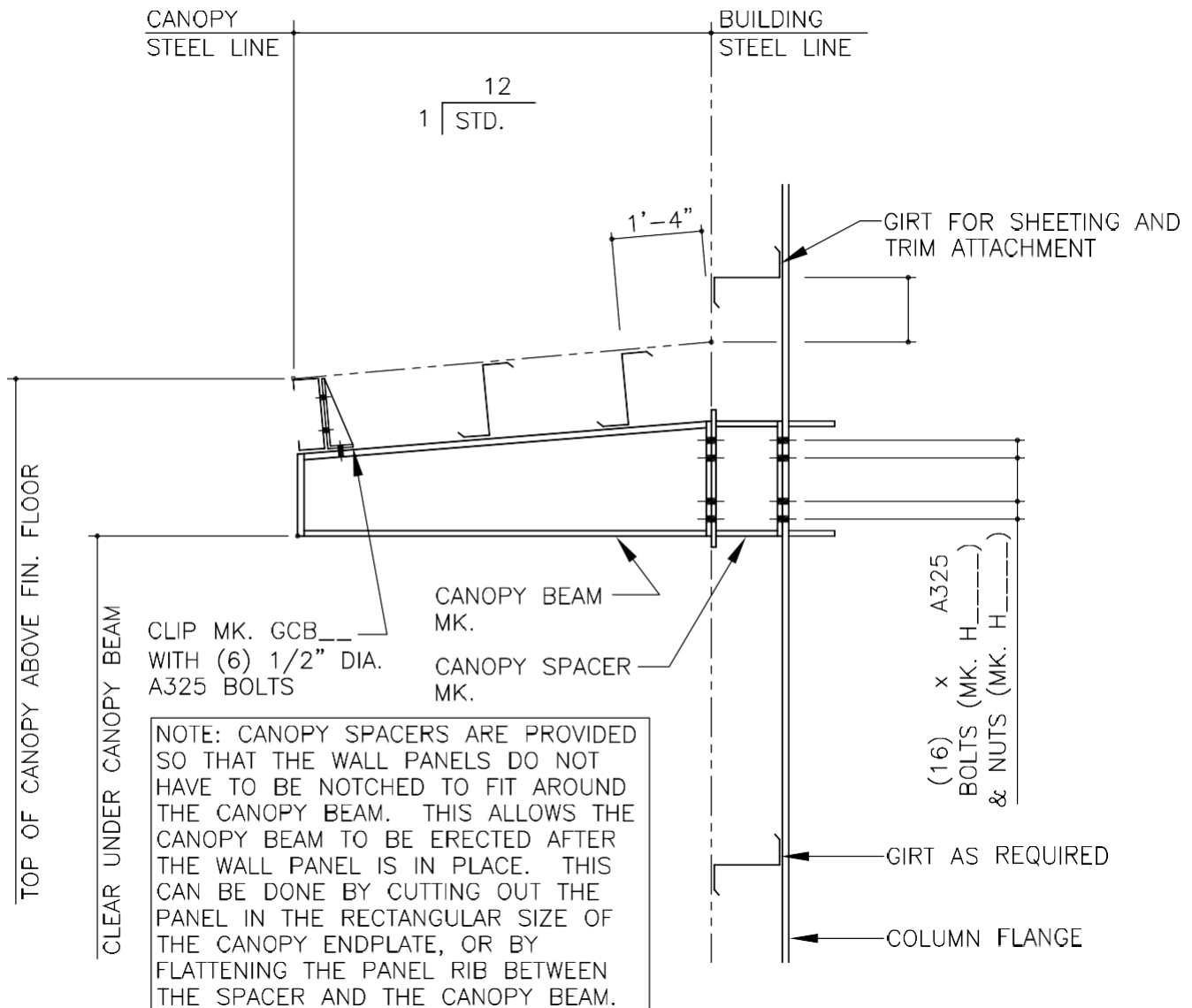
LAST REVISION DETAIL

DATE: 02/16/15 **7.2.16**

BY: AK CHK: EGB

APPLICABLE





## CANOPY STRUCTURAL DETAIL

"BELOW EAVE" WITH BYPASS GIRTS

**AQ0010**

NAME IF



# PRODUCT & ENGINEERING MANUAL

**AQ0010.DWG**

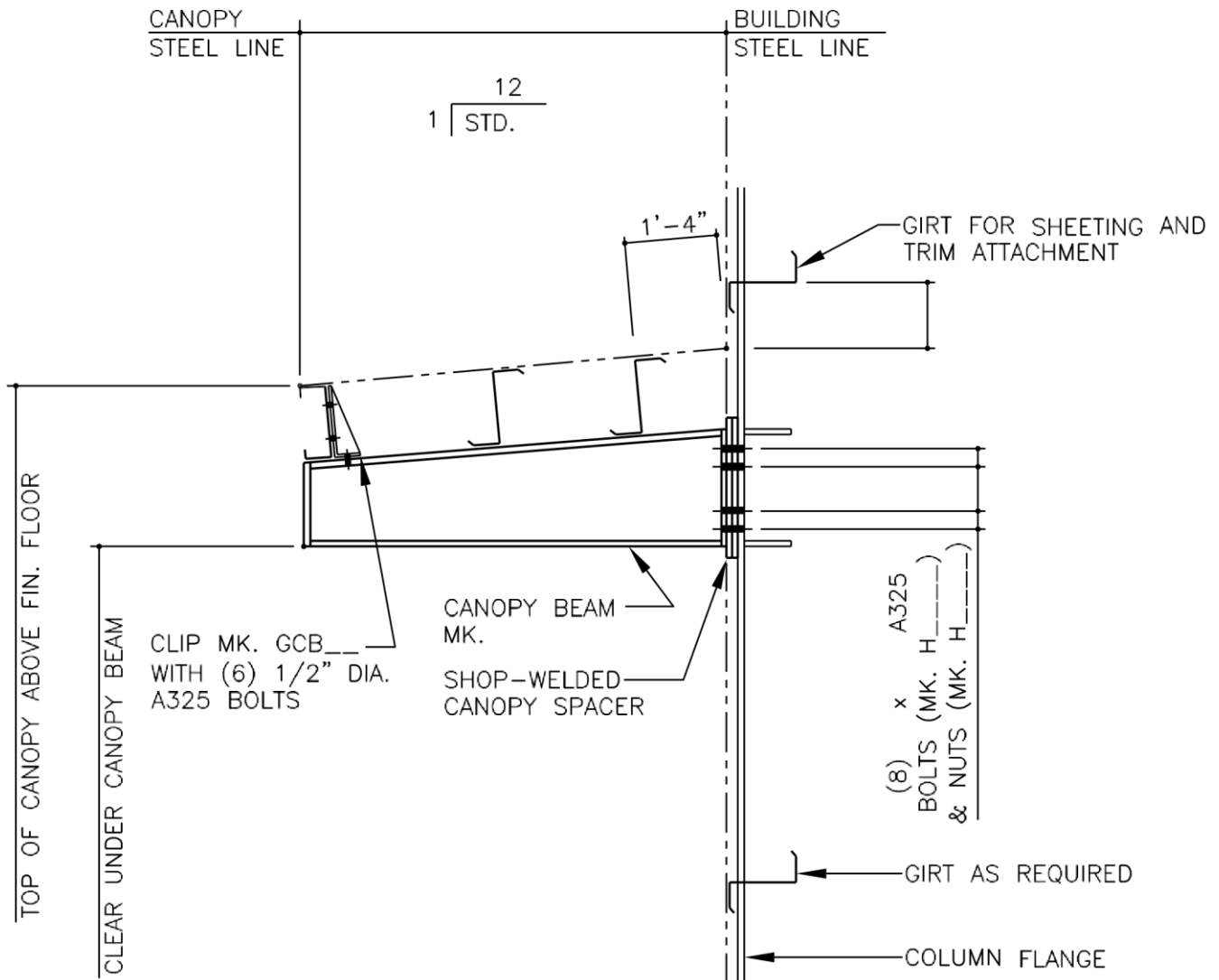
**AQ0020 – INSET GIRTS**

LAST REVISION DETAIL

DATE: 02/16/15 **7.2.18**

BY: AK CHK: EGB

APPLICABLE



## CANOPY STRUCTURAL DETAIL

"BELOW EAVE" WITH INSET GIRTS

**AQ0020**

LAST REVISION

DETAIL NAME IF APPLICABLE

**7.2.19**



# PRODUCT & ENGINEERING MANUAL

DATE: 02/16/15

**AQ0030.DWG**

BY: AK CHK: EGB

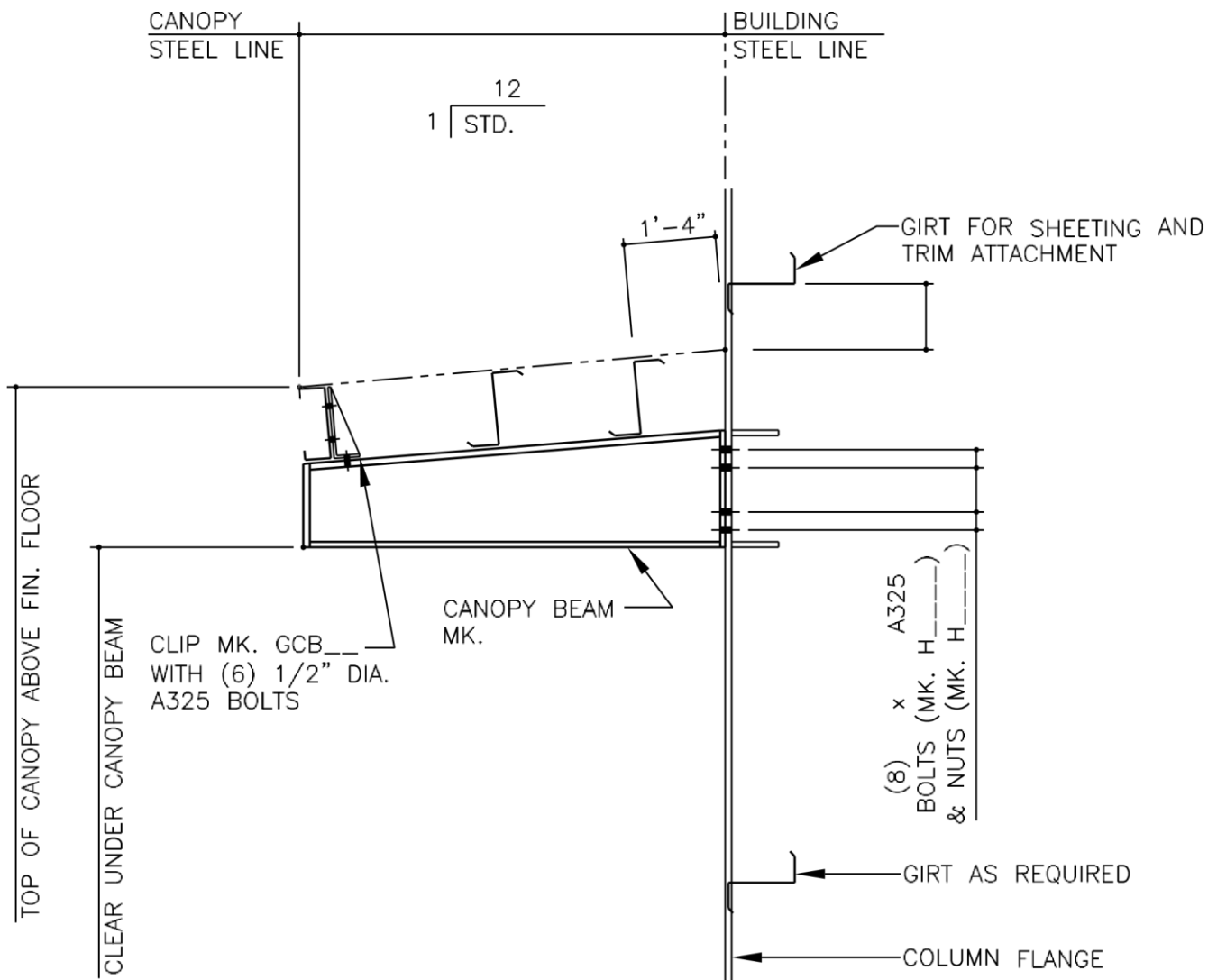
**AQ0030 – FLUSH GIRTS**

LAST REVISION DETAIL

APPLICABLE

DATE: 02/16/15 **7.2.20**

BY: AK CHK: EGB



## CANOPY STRUCTURAL DETAIL

"BELOW EAVE" WITH FLUSH GIRTS

**AQ0020**

NAME IF



# PRODUCT & ENGINEERING MANUAL

**AQ0030.DWG**

**AT EAVE CANOPY (EXPOSED BEAM)**

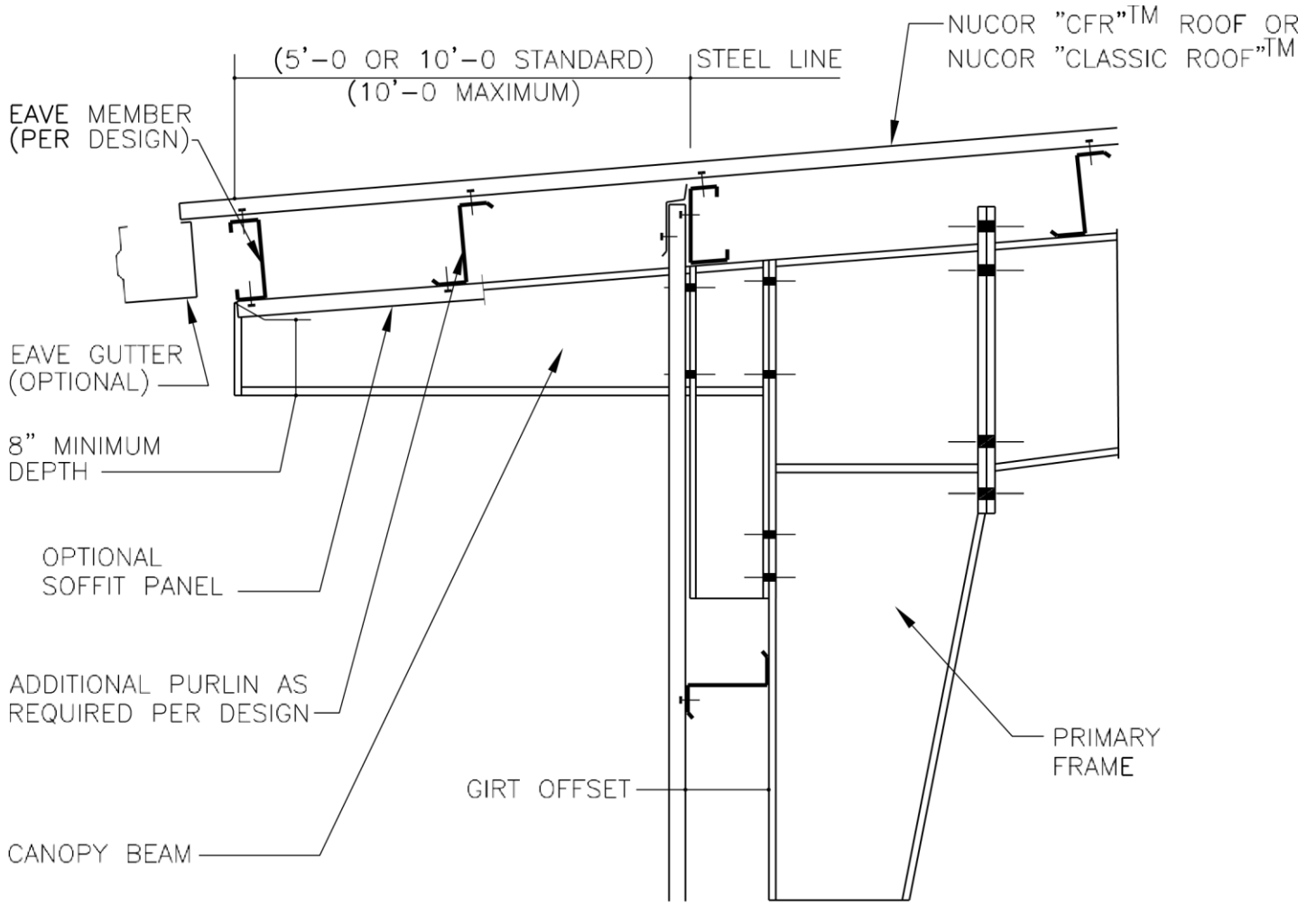
**CE0050PE – SHEETING, BYPASS GIRTS**

LAST REVISION DETAIL

DATE: 02/16/15 **7.2.22**

BY: AK CHK: EGB

APPLICABLE



NOTE:

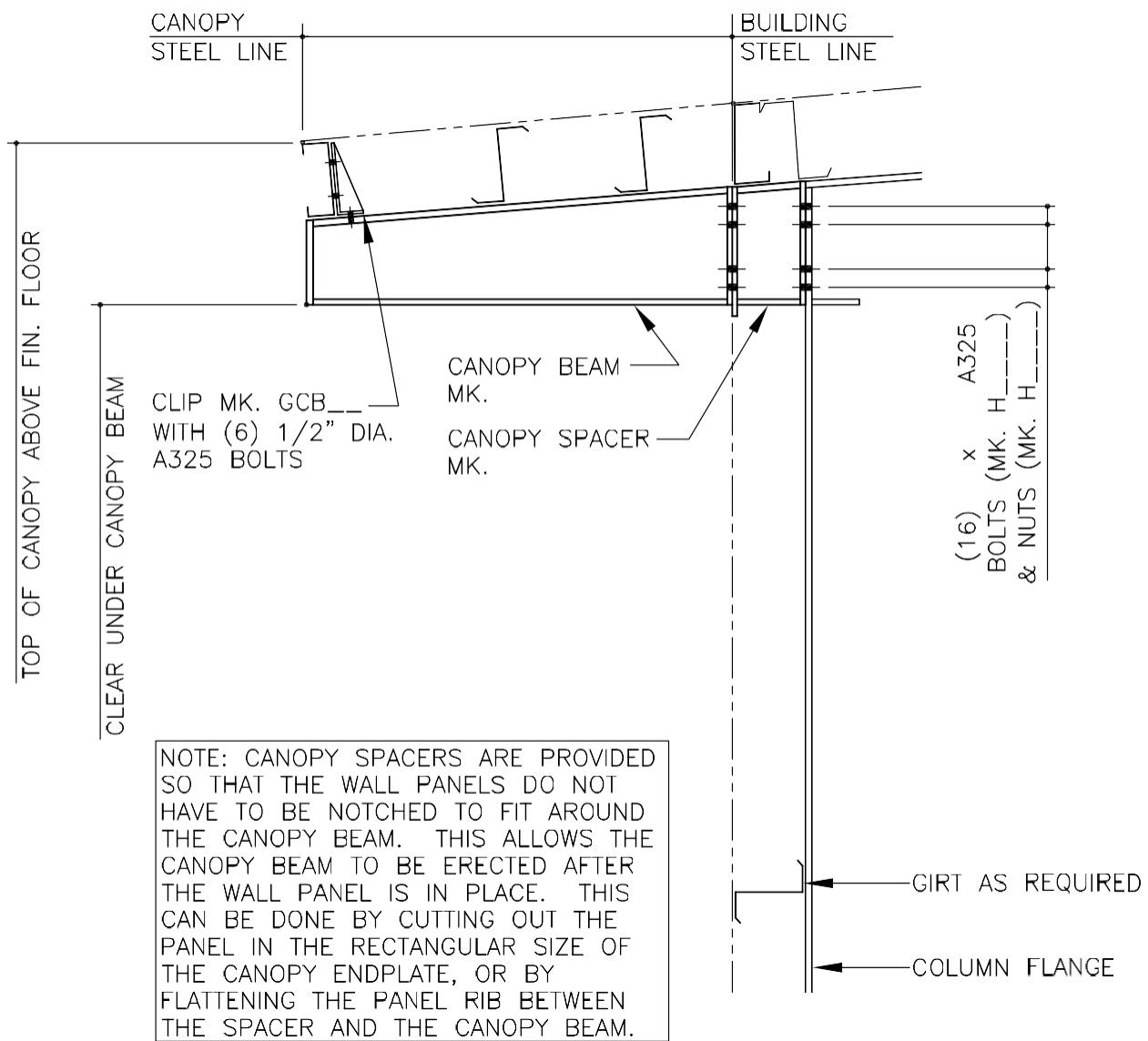
- 1) OUTSET GIRT CONDITION SHOWN. ALSO AVAILABLE WITH INSET GIRT CONDITION.  
BY: DLC CHK: AES

DETAIL NAME IF APPLICABLE  
**CE0050PE.DWG**

LAST REVISION  
DATE: 08/17/09

**7.2.23**

**AQ0040 – BYPASS GIRTS**



LAST REVISION DETAIL NAME IF APPLICABLE

DATE: 02/16/15

**7.2.24**

BY: AK CHK: EGB

**AQ0040.DWG**



CANOPY STRUCTURAL DETAIL

"LOW SIDE AT EAVE" WITH BYPASS GIRTS

**AQ0050 – INSET GIRTS**

**AQ0040**

**AQ0050**

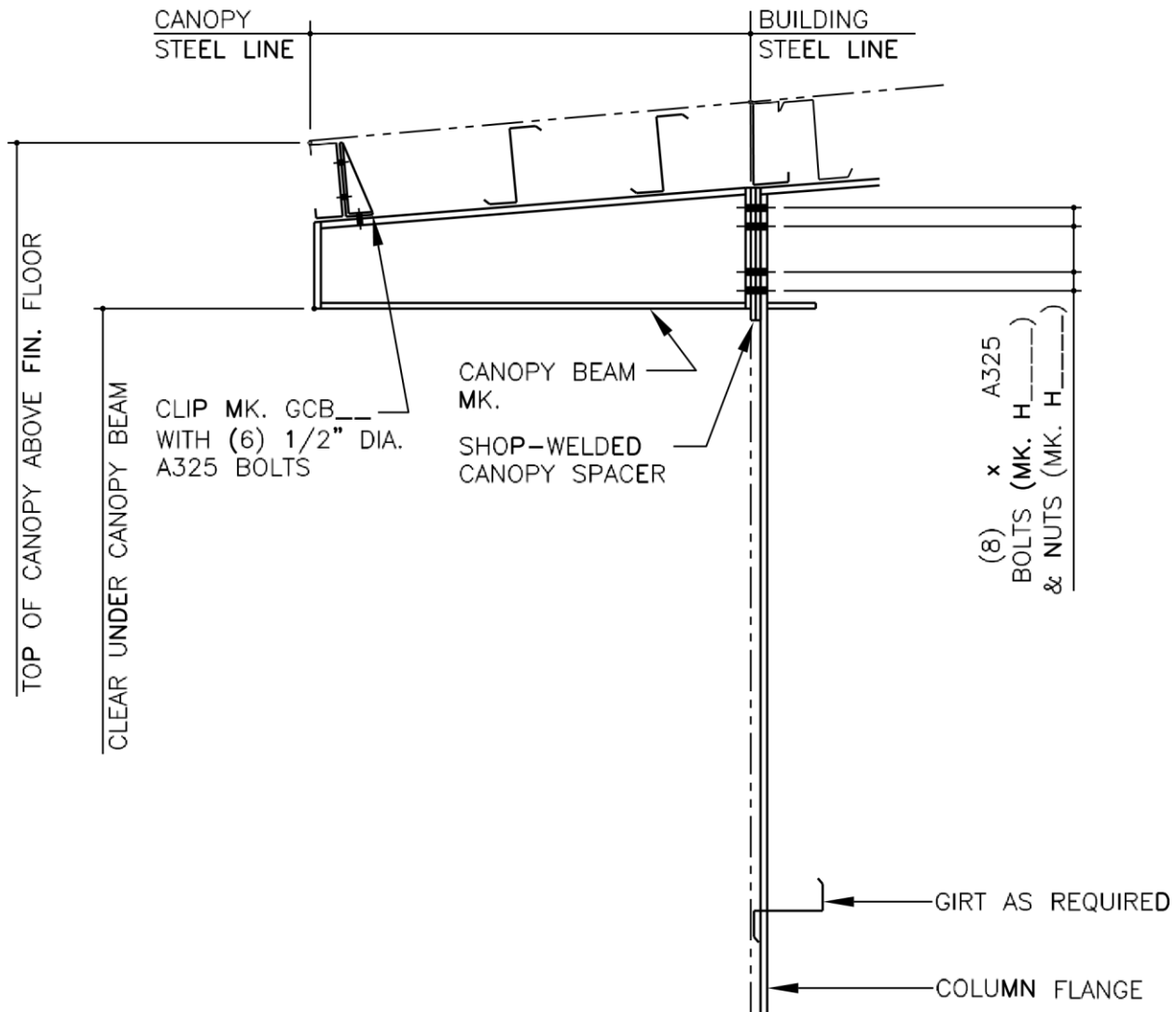
DETAIL NAME IF APPLICABLE

**7.2.25**

BY: AK CHK: EGB **AQ0040.DWG**

|

|



## CANOPY STRUCTURAL DETAIL

"LOW SIDE AT EAVE" WITH INSET GIRTS

LAST REVISION DETAIL NAME IF APPLICABLE

DATE: 02/16/15

**7.2.26**

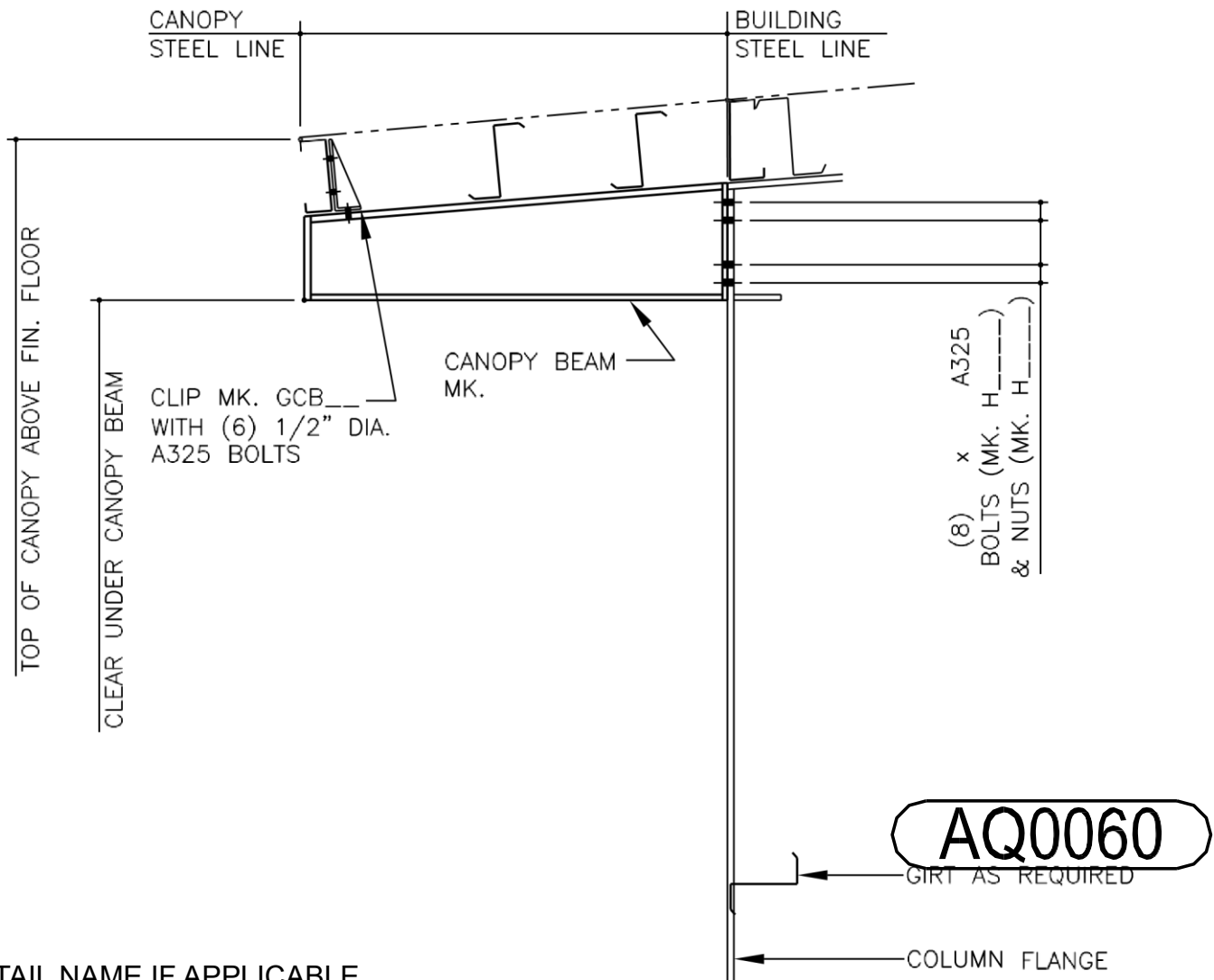
BY: AK CHK: EGB

**AQ0040.DWG**

LAST REVISION

DATE: 02/16/15

**AQ0060 – FLUSH GIRTS**



DETAIL NAME IF APPLICABLE

**7.2.27**

BY: AK CHK: EGB **AQ0040.DWG**



**V A L L E Y**  
**S T E E L**  
CONSTRUCTION INC.

## PRODUCT & ENGINEERING MANUAL

# CANOPY STRUCTURAL DETAIL

"LOW SIDE AT EAVE" WITH FLUSH GIRTS

LAST REVISION DETAIL NAME IF APPLICABLE

DATE: 02/16/15

**7.2.28**

BY: AK CHK: EGB

**AQ0040.DWG**



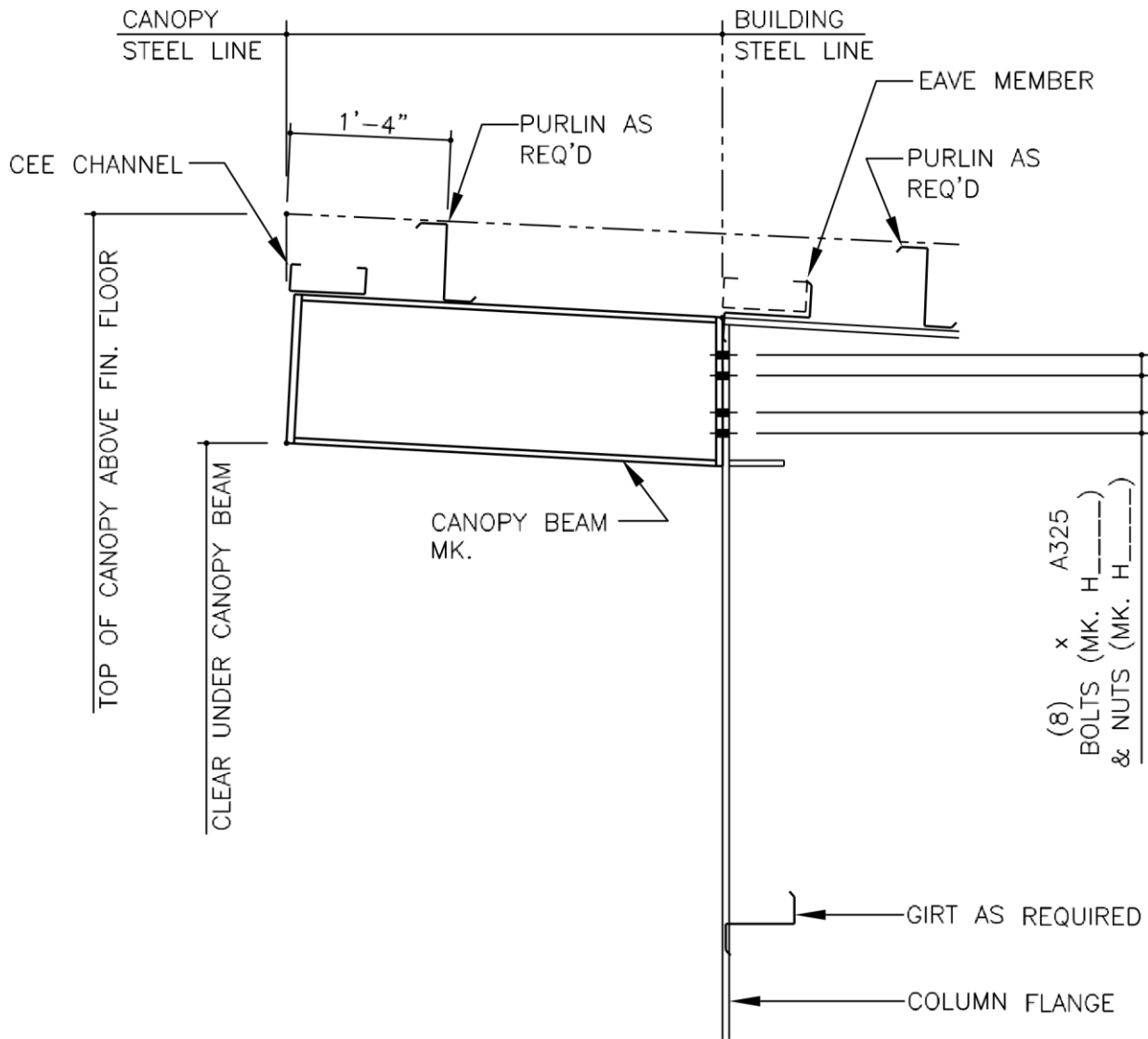
# PRODUCT & ENGINEERING MANUAL

## AQ0070 – HIGH SIDE, FLUSH GIRTS

DETAIL APPLICABLE

**7.2.29**

BY: AK CHK: EGB



## CANOPY STRUCTURAL DETAIL

"HIGH SIDE AT EAVE" WITH FLUSH GIRTS

**AQ0070**

LAST REVISION DATE:  
02/16/15

NAME IF

LAST REVISION DETAIL

APPLICABLE

DATE: 02/16/15

**7.2.30**

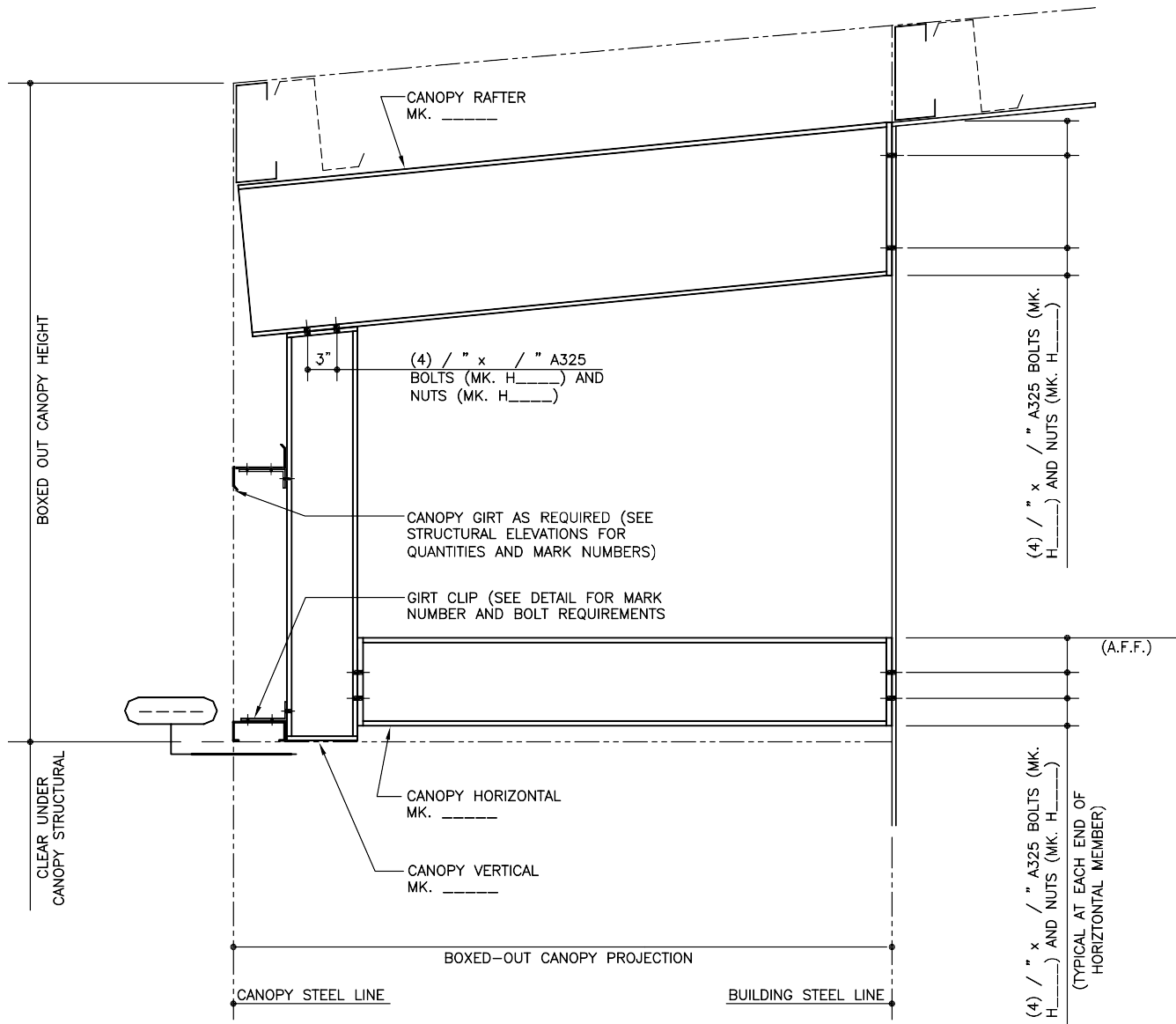
BY: AK CHK: EGB

**AQ0070.DWG**

**BOXED-OUT CANOPY STRUCTURAL DETAILS**  
**FLUSH SIDEWALL GIRTS**

**AQ0110 – LOW EAVE, BUILT-UP**

AQ0110



**BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL**

WITH FLUSH GIRTS AT BUILDING STEEL LINE

NAME IF

**AQ0110.DWG**

LAST REVISION DETAIL

APPLICABLE

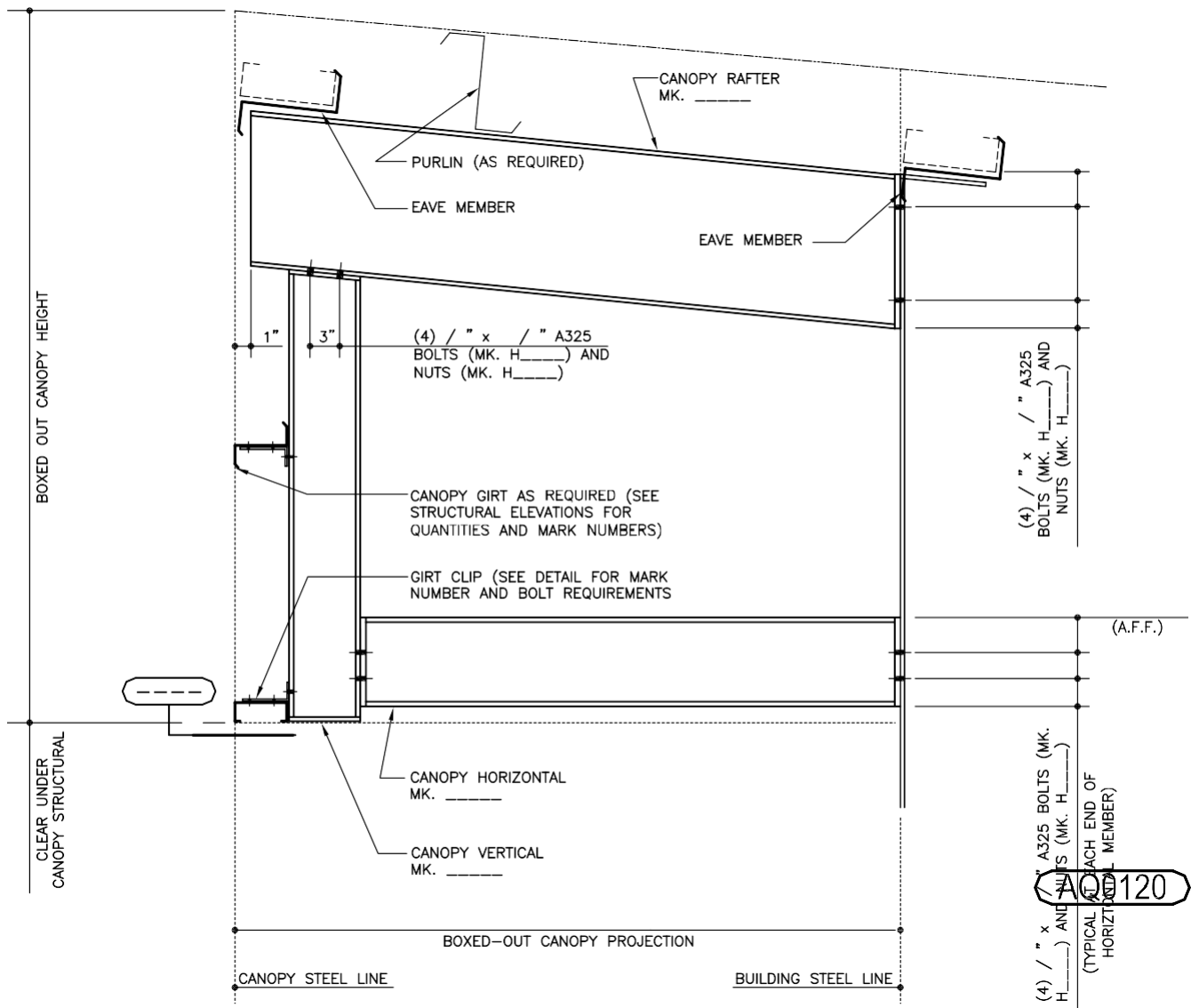
DATE: 02/16/15

**7.2.32**

BY: AK CHK: EGB



**AQ0120 – HIGH EAVE, BUILT-UP**





**V A L L E Y**  
**S T E E L**  
CONSTRUCTION INC.

## PRODUCT & ENGINEERING MANUAL

### BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL

WITH FLUSH GIRTS AT BUILDING STEEL LINE

LAST REVISION

DETAIL NAME IF APPLICABLE

DATE: 02/16/15 BY: AK CHK: EGB **AQ0120.DWG**

**AQ0130 – LOW EAVE, COLD-FORM**

AQ0130

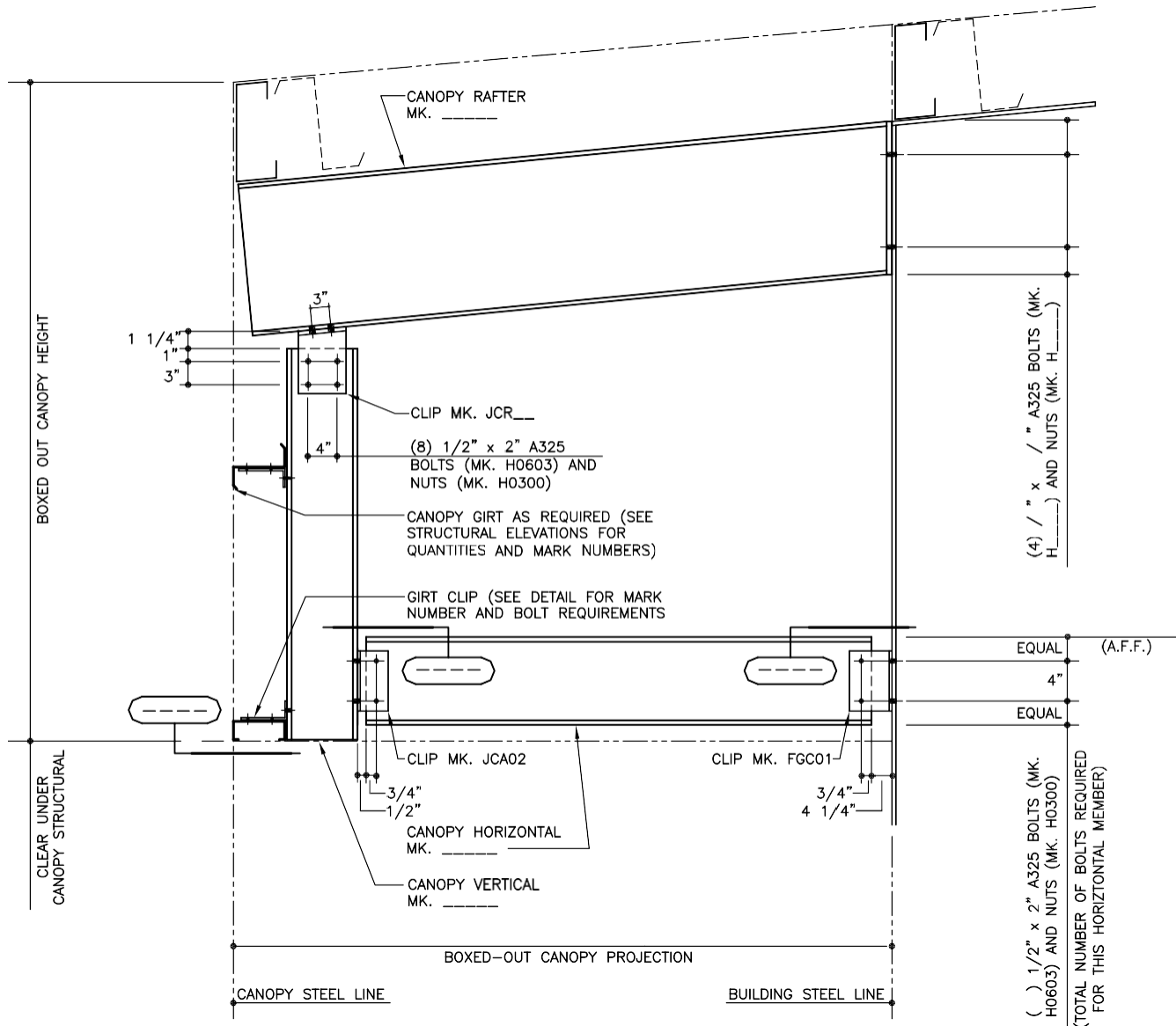
LAST REVISION DETAIL

APPLICABLE

DATE: 02/16/15

**7.2.34**

BY: AK CHK: EGB



**BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL**

WITH FLUSH GIRTS AT BUILDING STEEL LINE  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS



# PRODUCT & ENGINEERING MANUAL

NAME IF

**AQ0130.DWG**

LAST REVISION DETAIL

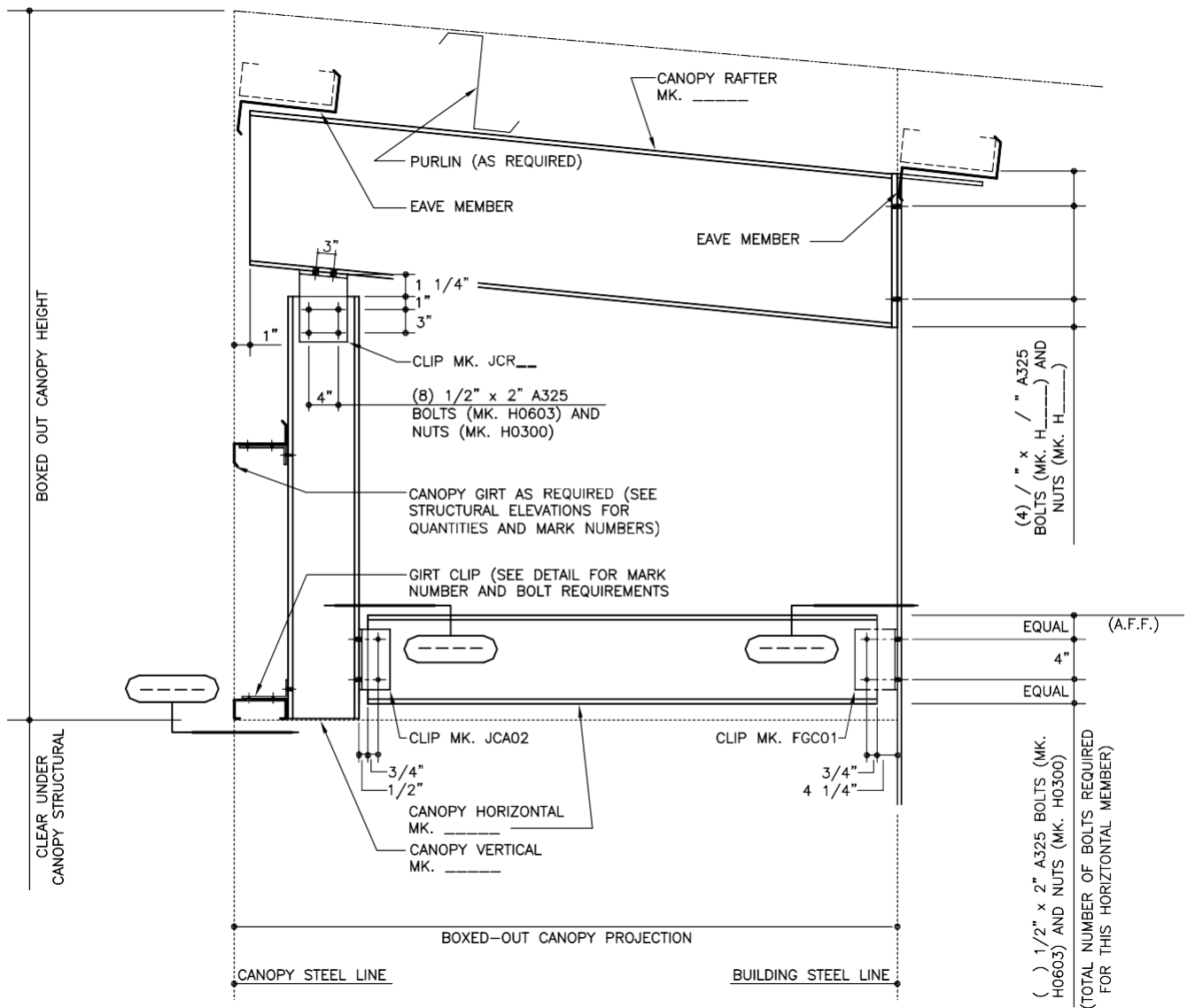
DATE: 02/16/15

BY: AK CHK: EGB

APPLICABLE

**7.2.36**

**AQ0140 – HIGH EAVE, COLD-FORM**



**DETAIL** APPLICABLE

**7.2.37**

BY: AK CHK: EGB



BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL

WITH FLUSH GIRTS AT BUILDING STEEL LINE  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

AQ0140

LAST REVISION  
DATE: 02/16/15

NAME IF

**AQ0140.DWG**

**PRODUCT & ENGINEERING MANUAL**

**INSET SIDEWALL GIRTS**

LAST REVISION DETAIL

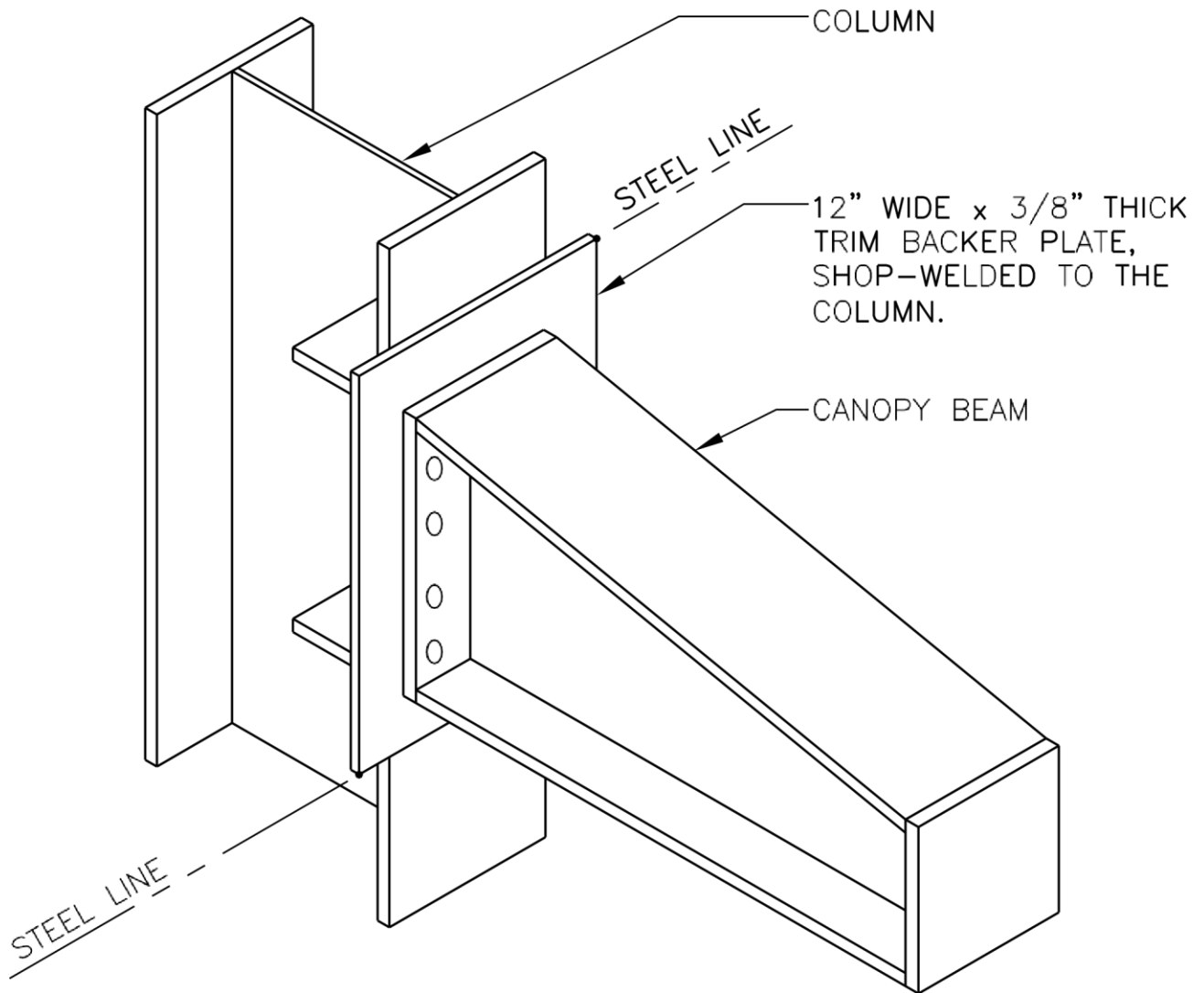
DATE: 02/16/15

BY: AK CHK: EGB

APPLICABLE

**7.2.38**

**AQ0200 – BEAM SPACER DETAIL**



LAST REVISION DETAIL

DATE: 02/16/15

BY: AK CHK: EGB

APPLICABLE

**7.2.39**



# CANOPY ISOMETRIC VIEW DETAIL

INSET GIRTS

**AQ0200**

NAME IF

**AQ0200.DWG**

**PRODUCT & ENGINEERING MANUAL**

**AQ0210 – LOW EAVE, BUILT-UP**

LAST REVISION DETAIL

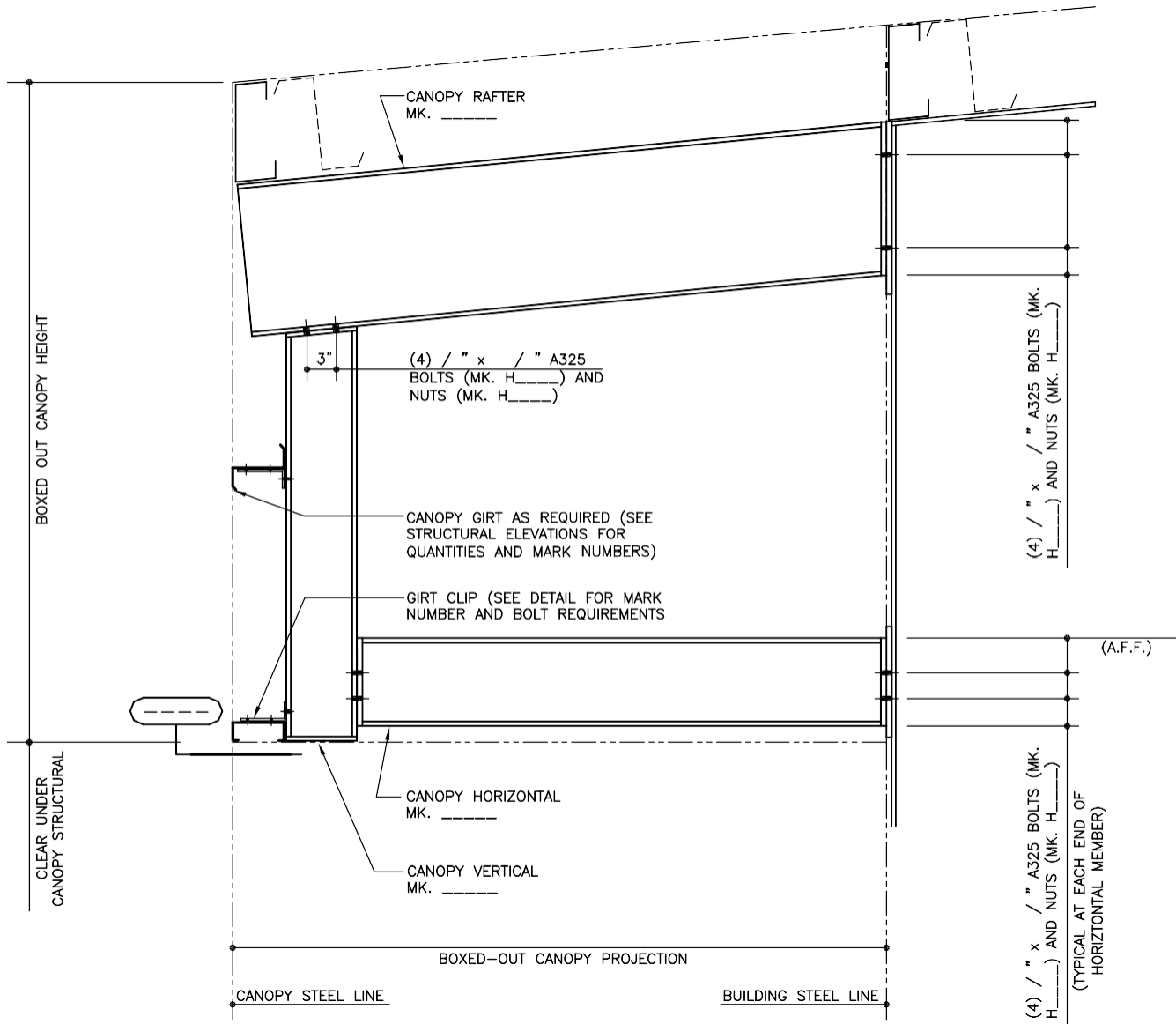
DATE: 02/16/15

BY: AK CHK: EGB

APPLICABLE

**7.2.40**





**BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL**  
WITH INSET GIRTS AT BUILDING STEEL LINE

**AQ0210**

LAST REVISION DETAIL

APPLICABLE

DATE: 02/16/15

**7.2.41**

BY: AK CHK: EGB



NAME IF

**AQ0200.DWG**

LAST REVISION DETAIL

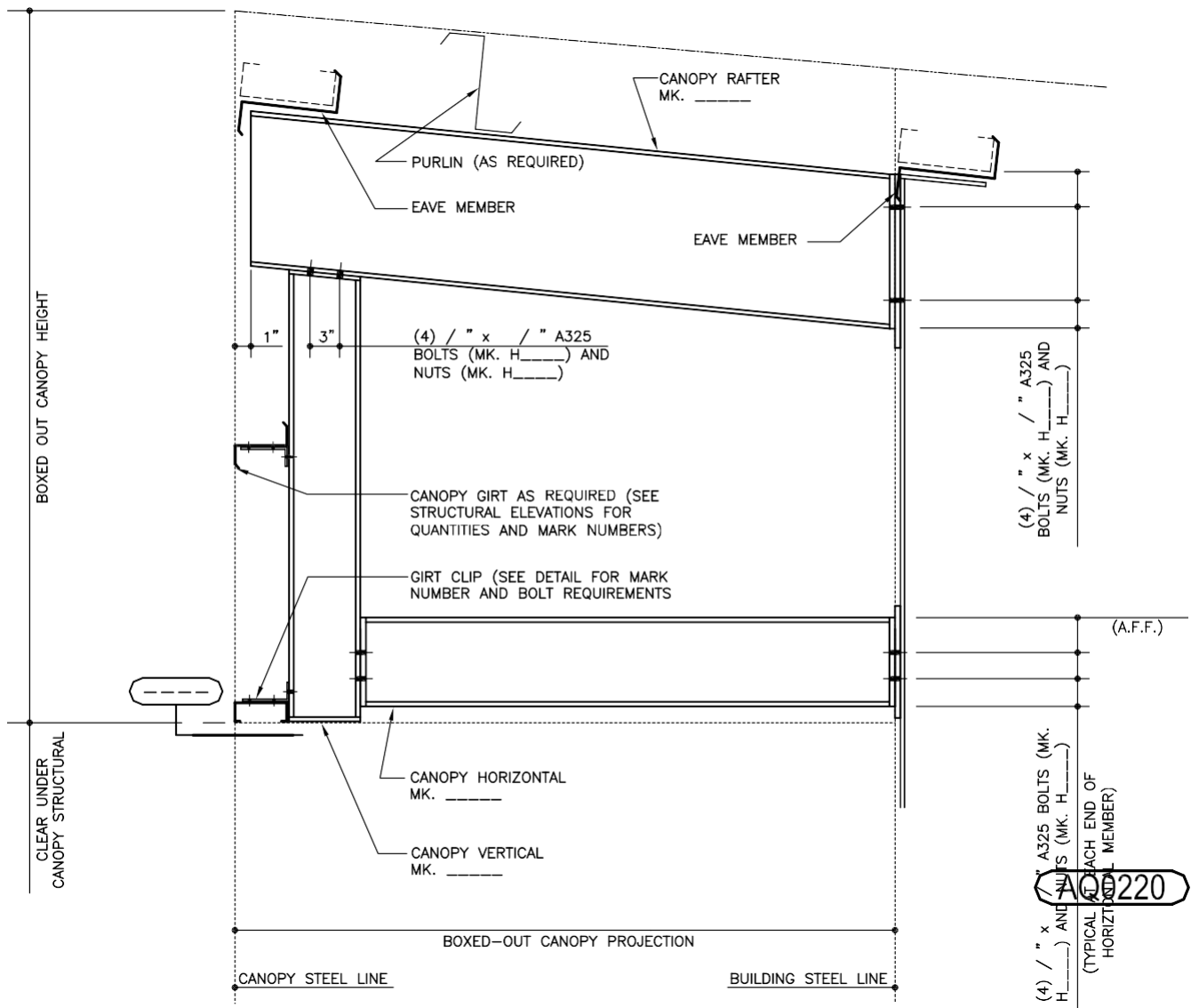
DATE: 02/16/15

BY: AK CHK: EGB

APPLICABLE

**7.2.42**

**AQ0220 – HIGH EAVE, BUILT-UP**



LAST REVISION DETAIL

APPLICABLE

DATE: 02/16/15

**7.2.43**

BY: AK CHK: EGB



# PRODUCT & ENGINEERING MANUAL

## BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL

WITH INSET GIRTS AT BUILDING STEEL LINE

LAST REVISION DATE:  
02/16/15\_\_\_\_\_

NAME IF

**AQ0220.DWG**

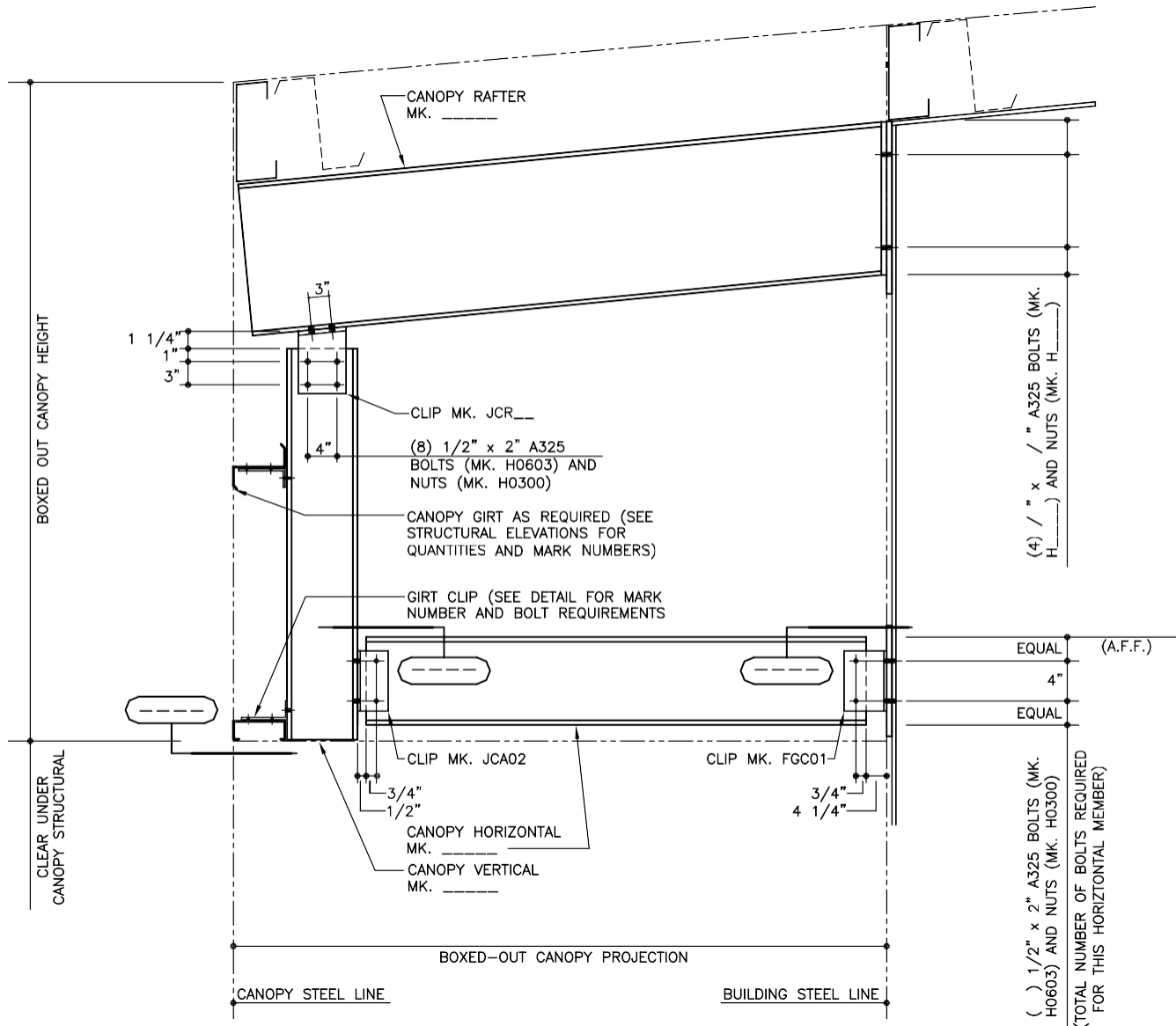
### AQ0230 – LOW EAVE, COLD-FORM

AQ0230

DETAIL APPLICABLE

**7.2.44**

BY: AK CHK: EGB



**BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL**

WITH INSET GIRTS AT BUILDING STEEL LINE  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

LAST REVISION DETAIL

APPLICABLE

DATE: 02/16/15

**7.2.45**

BY: AK CHK: EGB



# PRODUCT & ENGINEERING MANUAL

NAME IF

**AQ0230.DWG**

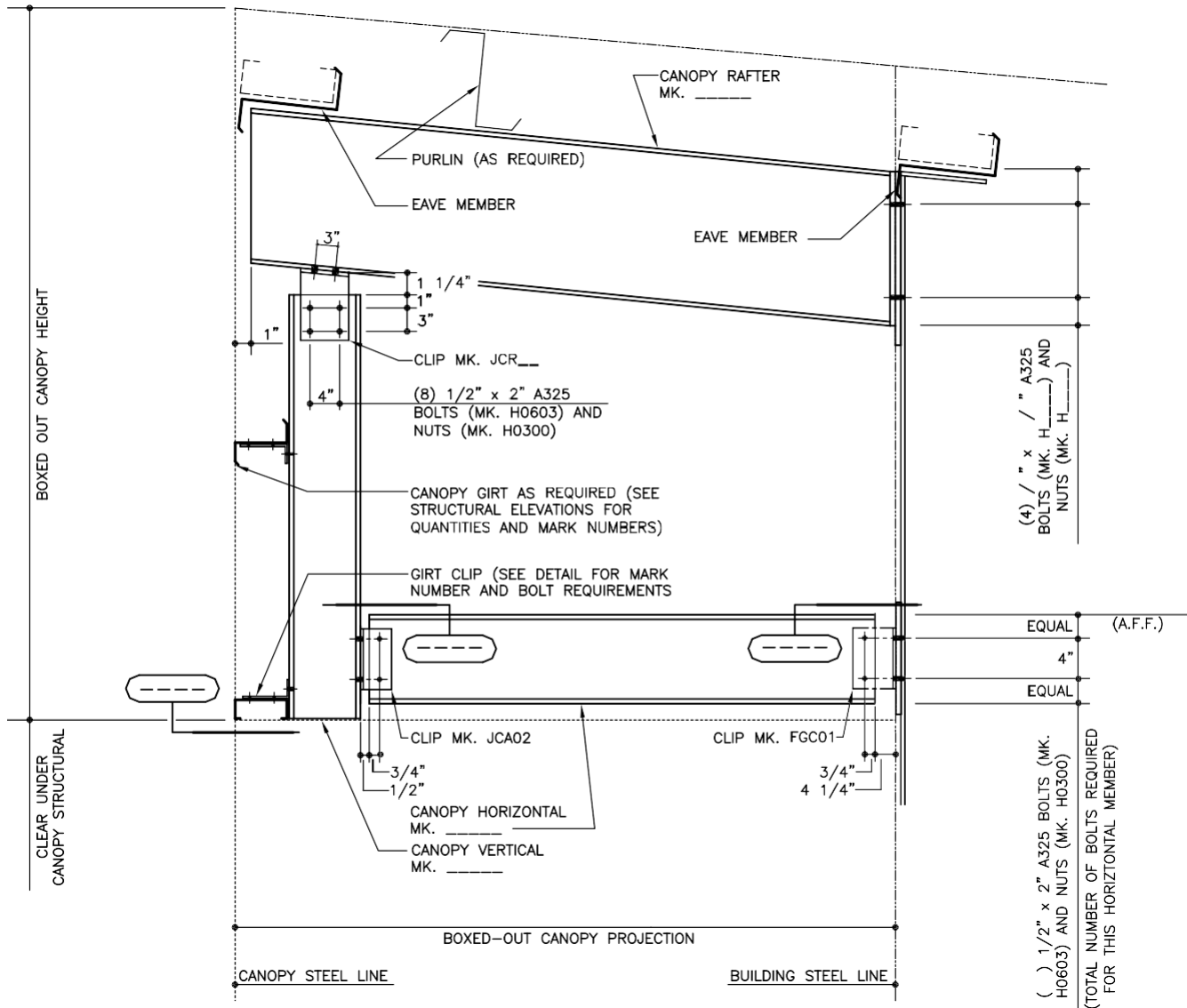
**AQ0240 – HIGH EAVE, COLD-FORM**

AQ0240

DETAIL APPLICABLE

**7.2.46**

BY: AK CHK: EGB



**BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL**

WITH INSET GIRTS AT BUILDING STEEL LINE  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

LAST REVISION DETAIL

APPLICABLE

DATE: 02/16/15

**7.2.47**

BY: AK CHK: EGB



# PRODUCT & ENGINEERING MANUAL

LAST REVISION DATE:  
02/16/15 \_\_\_\_\_

NAME IF

**AQ0240.DWG**

## BYPASS SIDEWALL GIRTS

### AQ0300 – BEAM SPACER DETAIL

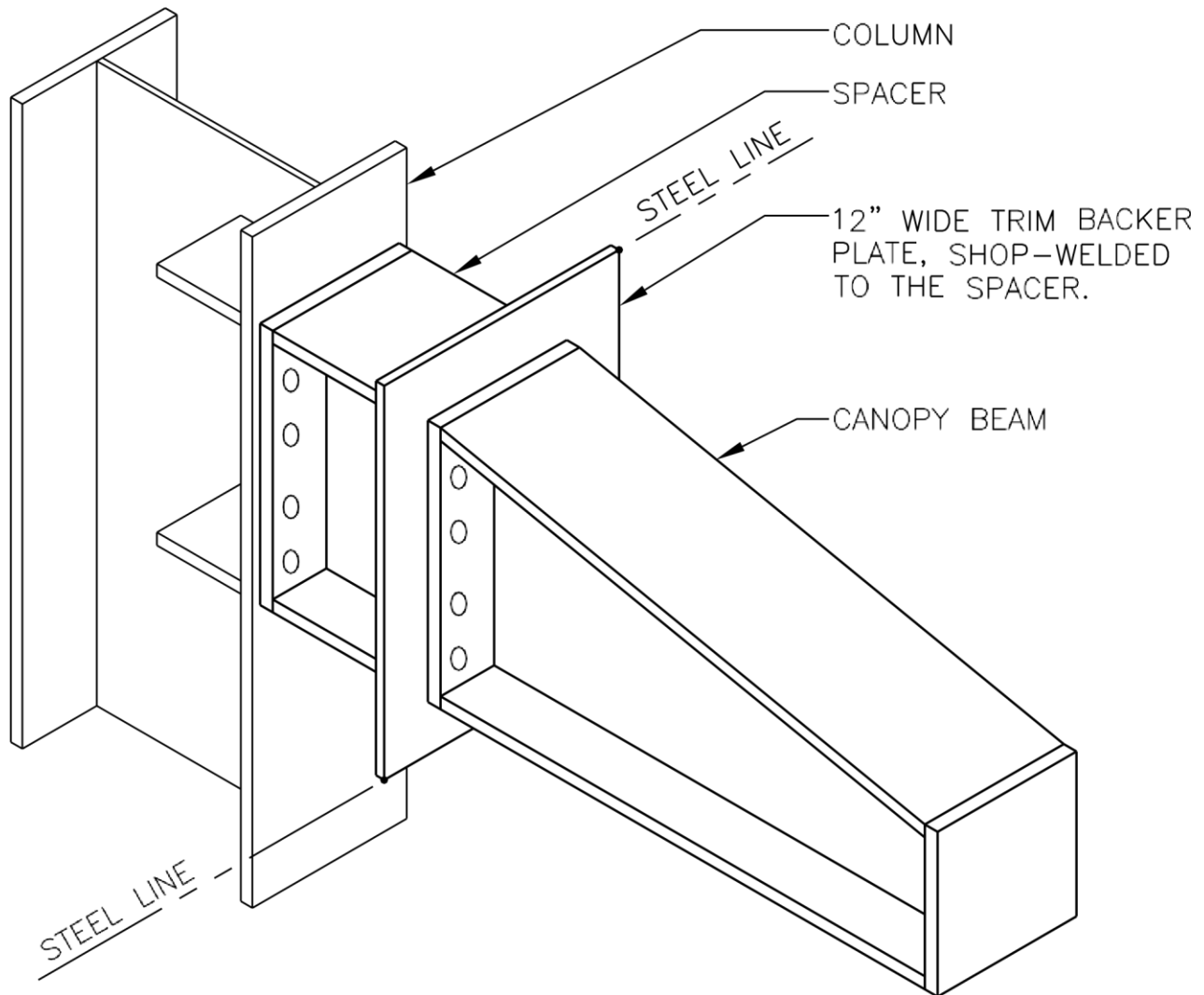
**AQ0300**

DETAIL APPLICABLE

**7.2.48**

BY: AK CHK: EGB





## CANOPY ISOMETRIC VIEW DETAIL

BYPASS GIRTS

LAST REVISION DETAIL

DATE: 02/16/15

BY: AK CHK: EGB

APPLICABLE

**7.2.49**



# PRODUCT & ENGINEERING MANUAL

NAME IF

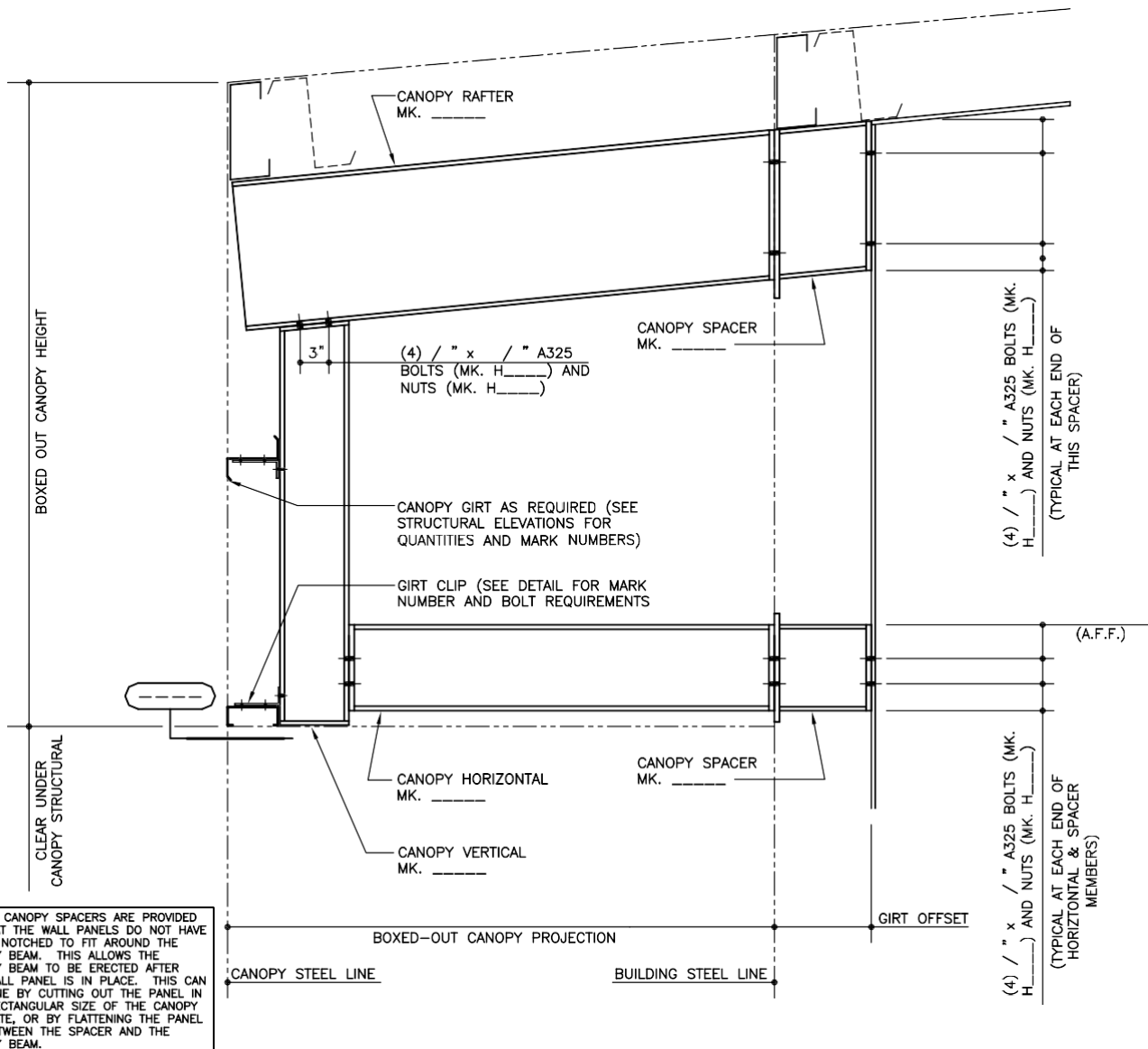
**AQ0300.DWG**

DETAIL APPLICABLE

**7.2.50**

BY: AK CHK: EGB

**AQ0310 – LOW EAVE, BUILT-UP**



NOTE: CANOPY SPACERS ARE PROVIDED SO THAT THE WALL PANELS DO NOT HAVE TO BE NOTCHED TO FIT AROUND THE CANOPY BEAM. THIS ALLOWS THE CANOPY BEAM TO BE ERECTED AFTER THE WALL PANEL IS IN PLACE. THIS CAN BE DONE BY CUTTING OUT THE PANEL IN THE RECTANGULAR SIZE OF THE CANOPY ENDPLATE, OR BY FLATTENING THE PANEL RIB BETWEEN THE SPACER AND THE CANOPY BEAM.

**BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL**

WITH BYPASS GIRTS AT BUILDING STEEL LINE

**AQ0310**

**DETAIL APPLICABLE**

**7.2.51**

BY: AK CHK: EGB



# PRODUCT & ENGINEERING MANUAL

NAME IF

**AQ0300.DWG**

**AQ0320 – HIGH EAVE, BUILT-UP**

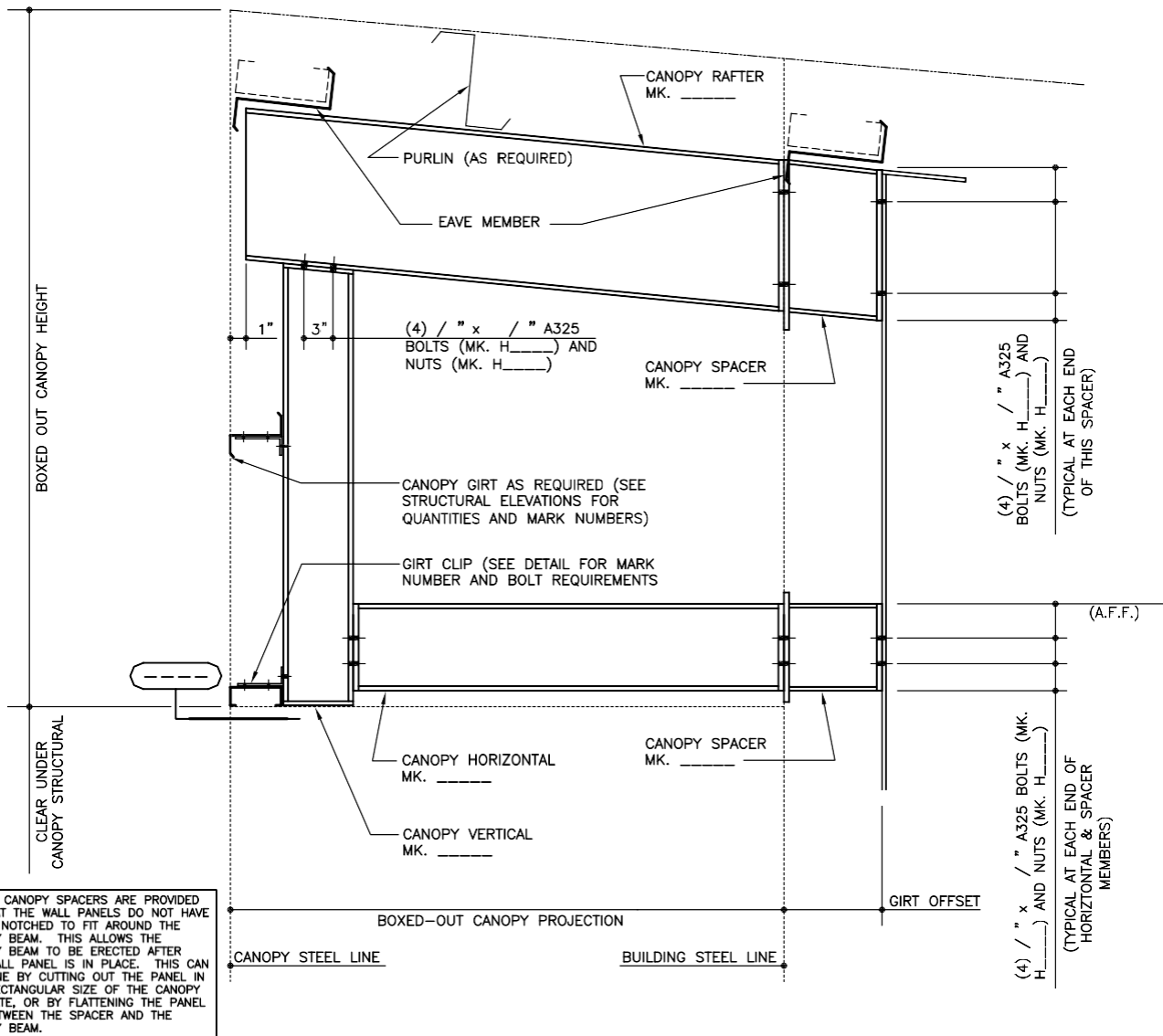
LAST REVISION DETAIL

DATE: 02/16/15

BY: AK CHK: EGB

APPLICABLE

**7.2.52**



**BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL**  
WITH BYPASS GIRTS AT BUILDING STEEL LINE

**AQ0320**

DETAIL APPLICABLE

**7.2.53**

BY: AK CHK: EGB



# PRODUCT & ENGINEERING MANUAL

LAST REVISION DATE:  
02/16/15 \_\_\_\_\_

NAME IF

**AQ0320.DWG**

**AQ0330 – LOW EAVE, COLD-FORM**

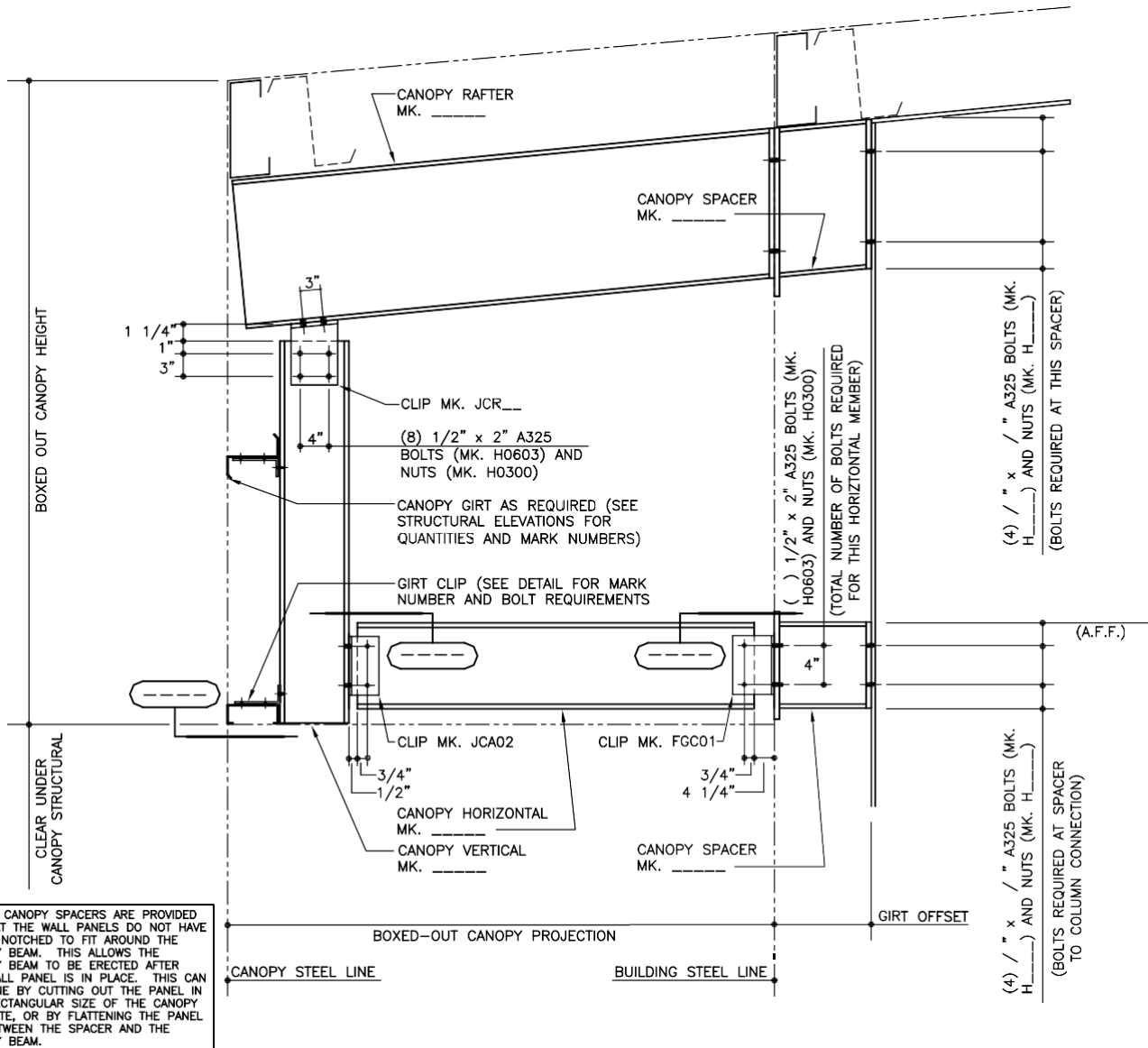
LAST REVISION DETAIL

DATE: 02/16/15

BY: AK CHK: EGB

APPLICABLE

**7.2.54**



NOTE: CANOPY SPACERS ARE PROVIDED SO THAT THE WALL PANELS DO NOT HAVE TO BE NOTCHED TO FIT AROUND THE CANOPY BEAM. THIS ALLOWS THE CANOPY BEAM TO BE ERRECTED AFTER THE WALL PANEL IS IN PLACE. THIS CAN BE DONE BY CUTTING OUT THE PANEL IN THE RECTANGULAR SIZE OF THE CANOPY ENDOPLATE, OR BY FLATTENING THE PANEL RIB BETWEEN THE SPACER AND THE CANOPY BEAM.

**BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL**

WITH BYPASS GIRTS AT BUILDING STEEL LINE  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

**AQ0330**

DETAIL APPLICABLE

**7.2.55**

BY: AK CHK: EGB



# PRODUCT & ENGINEERING MANUAL

NAME IF

**AQ0330.DWG**

**AQ0340 – HIGH EAVE, COLD-FORM**

LAST REVISION DETAIL

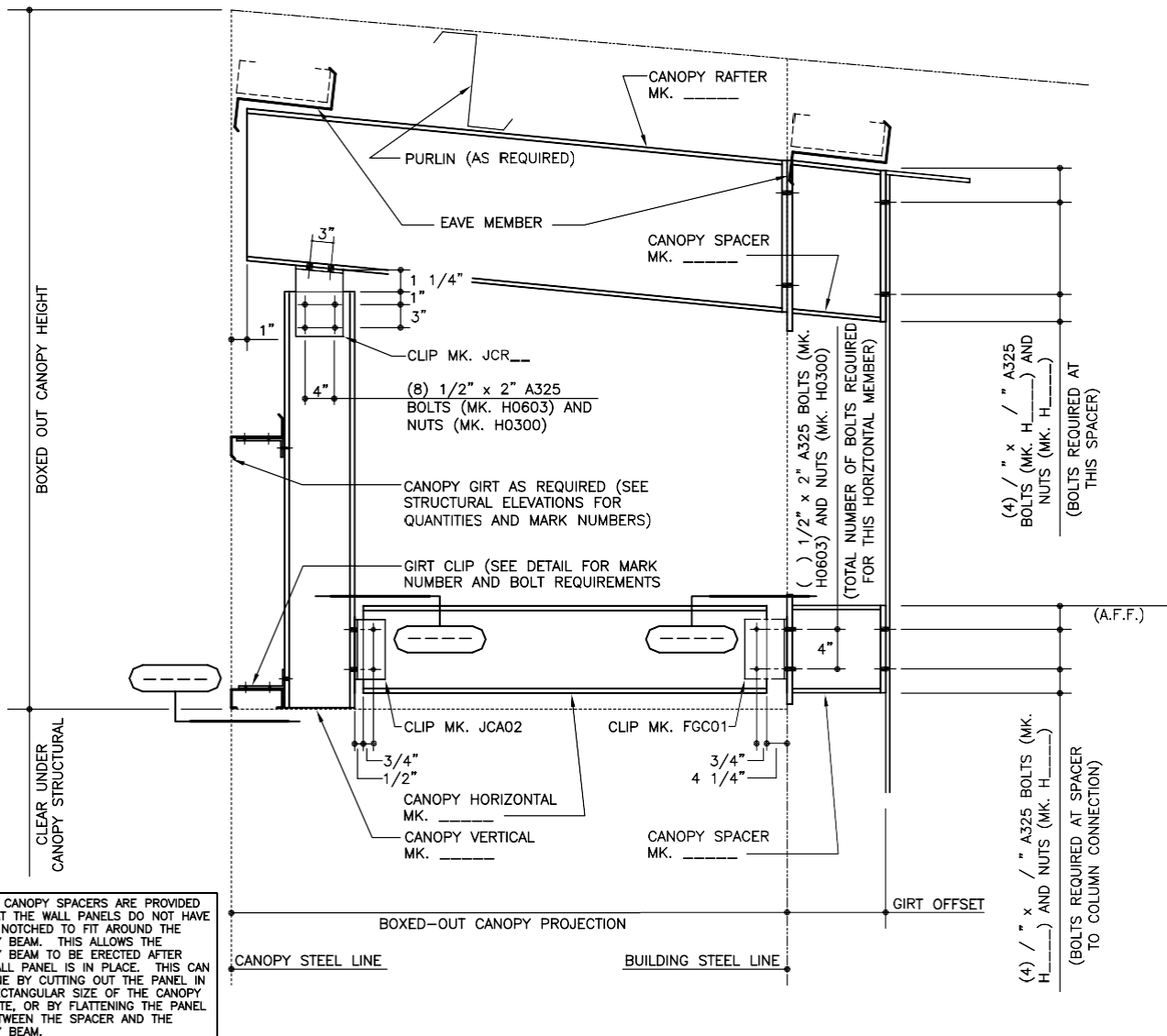
DATE: 02/16/15

BY: AK CHK: EGB

APPLICABLE

**7.2.56**





NOTE: CANOPY SPACERS ARE PROVIDED SO THAT THE WALL PANELS DO NOT HAVE TO BE NOTCHED TO FIT AROUND THE CANOPY BEAM. THIS ALLOWS THE CANOPY BEAM TO BE ERRECTED AFTER THE WALL PANEL IS IN PLACE. THIS CAN BE DONE BY CUTTING OUT THE PANEL IN THE RECTANGULAR SIZE OF THE CANOPY ENDPLATE, OR BY FLATTENING THE PANEL RIB BETWEEN THE SPACER AND THE CANOPY BEAM.

**BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL**

WITH BYPASS GIRTS AT BUILDING STEEL LINE  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

**AQ0340**

DETAIL APPLICABLE

**7.2.57**

BY: AK CHK: EGB



# PRODUCT & ENGINEERING MANUAL

LAST REVISION DATE:  
02/16/15 \_\_\_\_\_

NAME IF

**AQ0340.DWG**

LAST REVISION DETAIL

DATE: 02/16/15

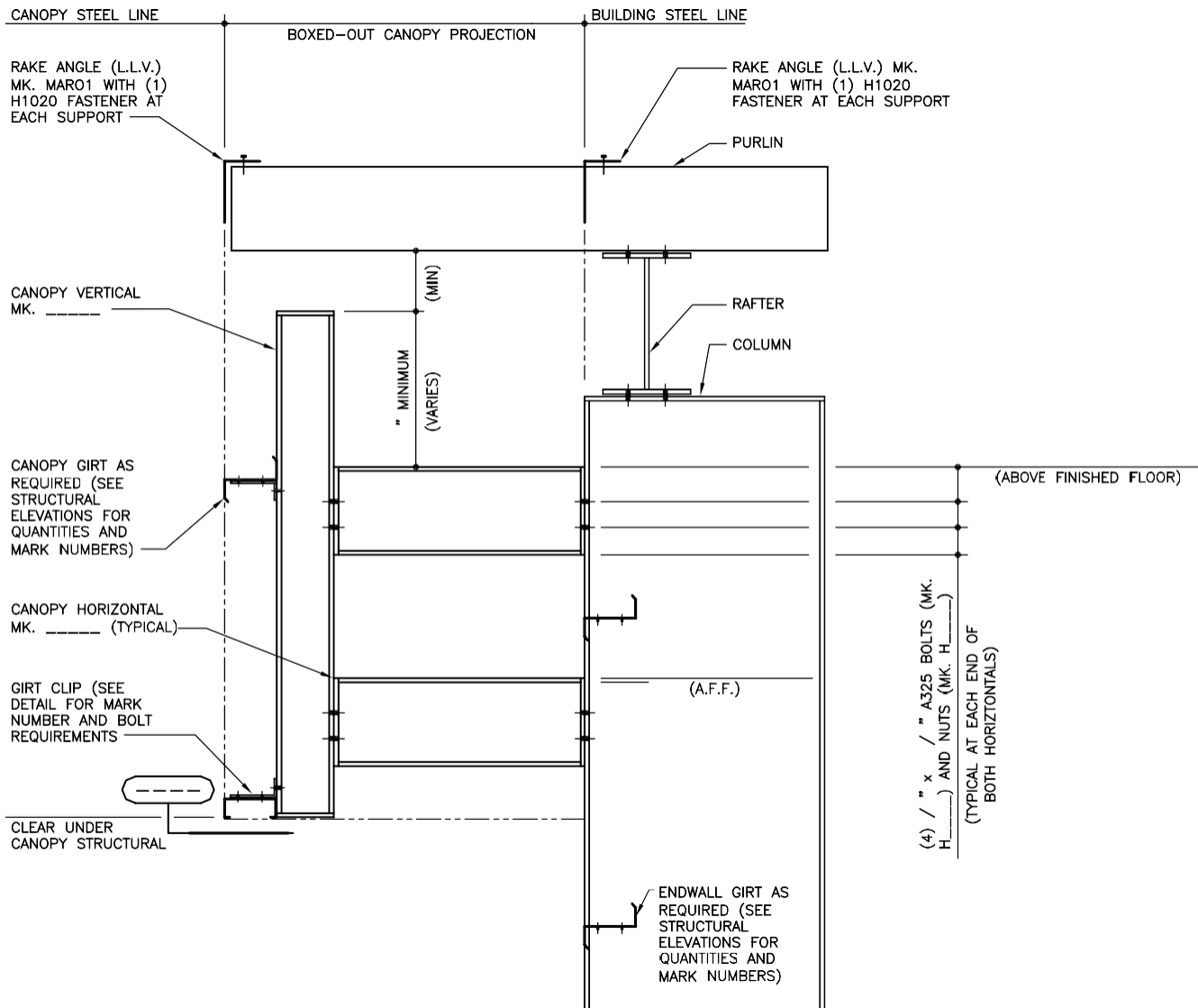
BY: AK CHK: EGB

APPLICABLE

**7.2.58**

**POST AND BEAM ENDWALL**

**AQ0410 – FLUSH**



**BOXED-OUT CANOPY AT ENDWALL STRUCTURAL DETAIL**

WITH FLUSH GIRTS AT BUILDING STEEL LINE

**AQ0410**

LAST REVISION DETAIL

DATE: 02/16/15

BY: AK CHK: EGB

NAME IF APPLICABLE

**7.2.59**

**AQ0410.DWG**

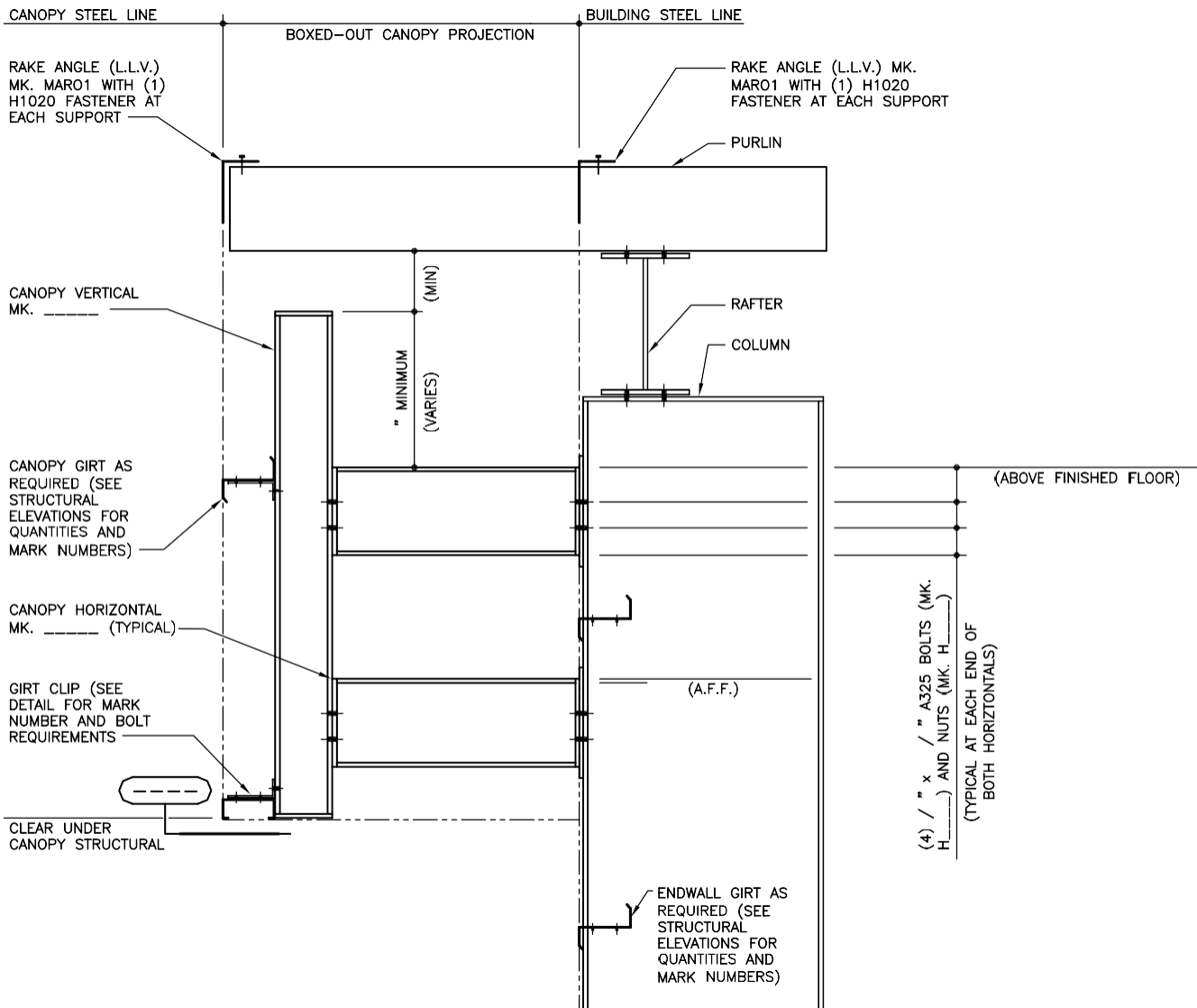


# PRODUCT & ENGINEERING MANUAL

## AQ0420 – INSET

AQ0420

| <u>LAST REVISION</u>          | <u>DETAIL</u> | <u>NAME IF APPLICABLE</u> |
|-------------------------------|---------------|---------------------------|
| DATE: <u>02/16/15</u>         |               | <b>7.2.60</b>             |
| BY: <u>AK</u> CHK: <u>EGB</u> |               | <b>AQ0410.DWG</b>         |



LAST REVISION DETAIL

NAME IF APPLICABLE

DATE: 02/16/15

**7.2.61**

BY: AK CHK: EGB

**AQ0410.DWG**



**V A L L E Y**  
**S T E E L**  
CONSTRUCTION INC.

## PRODUCT & ENGINEERING MANUAL

### BOXED-OUT CANOPY AT ENDWALL STRUCTURAL DETAIL

WITH INSET GIRTS AT BUILDING STEEL LINE

### AQ0430 - BYPASS

LAST REVISION DETAIL

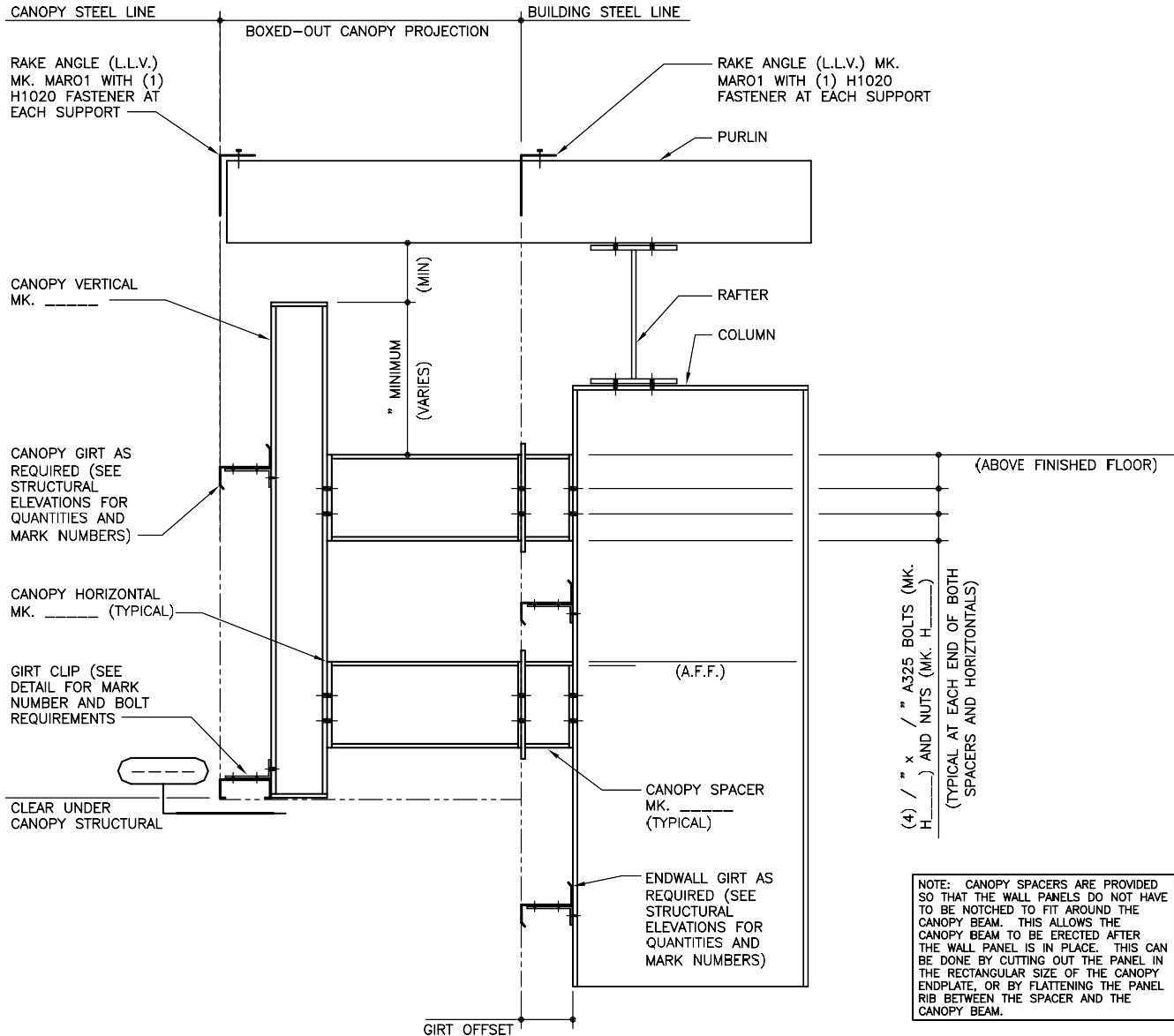
DATE: 02/16/15

BY: AK CHK: EGB

NAME IF APPLICABLE

**7.2.62**

**AQ0410.DWG**



**BOXED-OUT CANOPY AT ENDWALL STRUCTURAL DETAIL**

WITH BYPASS GIRTS AT BUILDING STEEL LINE

**AQ0430**

LAST REVISION DETAIL

NAME IF APPLICABLE

DATE: 02/16/15

**7.2.63**

BY: AK CHK: EGB

**AQ0410.DWG**



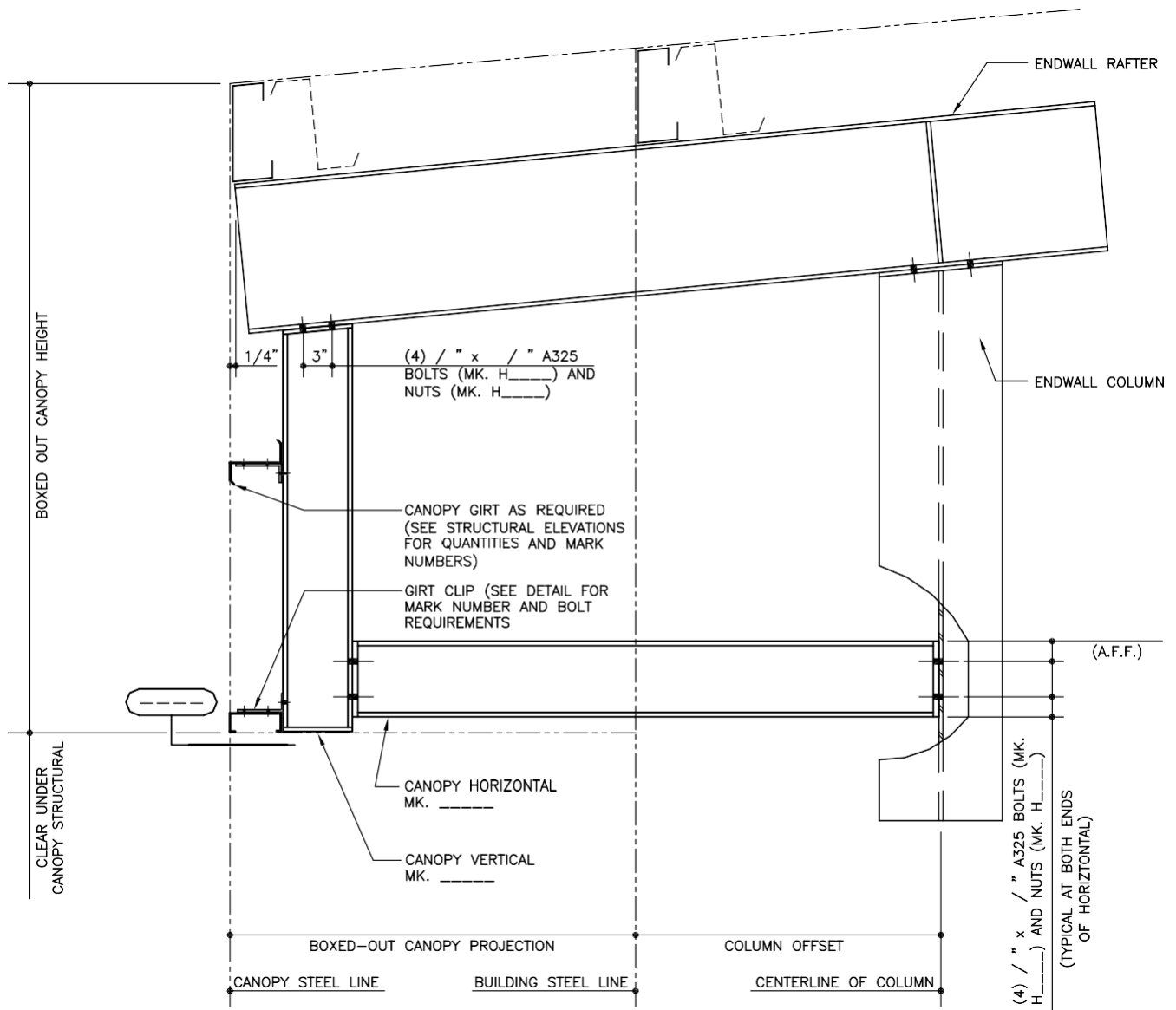
# PRODUCT & ENGINEERING MANUAL

## AQ0440 – RAFTER, LOW EAVE, - BUILT-UP

AQ0440

| <u>LAST REVISION</u>          | <u>DETAIL</u> | <u>NAME IF APPLICABLE</u> |
|-------------------------------|---------------|---------------------------|
| DATE: <u>02/16/15</u>         |               | <b>7.2.64</b>             |
| BY: <u>AK</u> CHK: <u>EGB</u> |               | <b>AQ0410.DWG</b>         |





LAST REVISION DETAIL

NAME IF APPLICABLE

DATE: 02/16/15

**7.2.65**

BY: AK CHK: EGB

**AQ0410.DWG**



**V A L L E Y**  
**S T E E L**  
CONSTRUCTION INC.

## PRODUCT & ENGINEERING MANUAL

### BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL

AT POST & BEAM ENDWALL FRAME – LOW EAVE

LAST REVISION DETAIL

DATE: 02/16/15

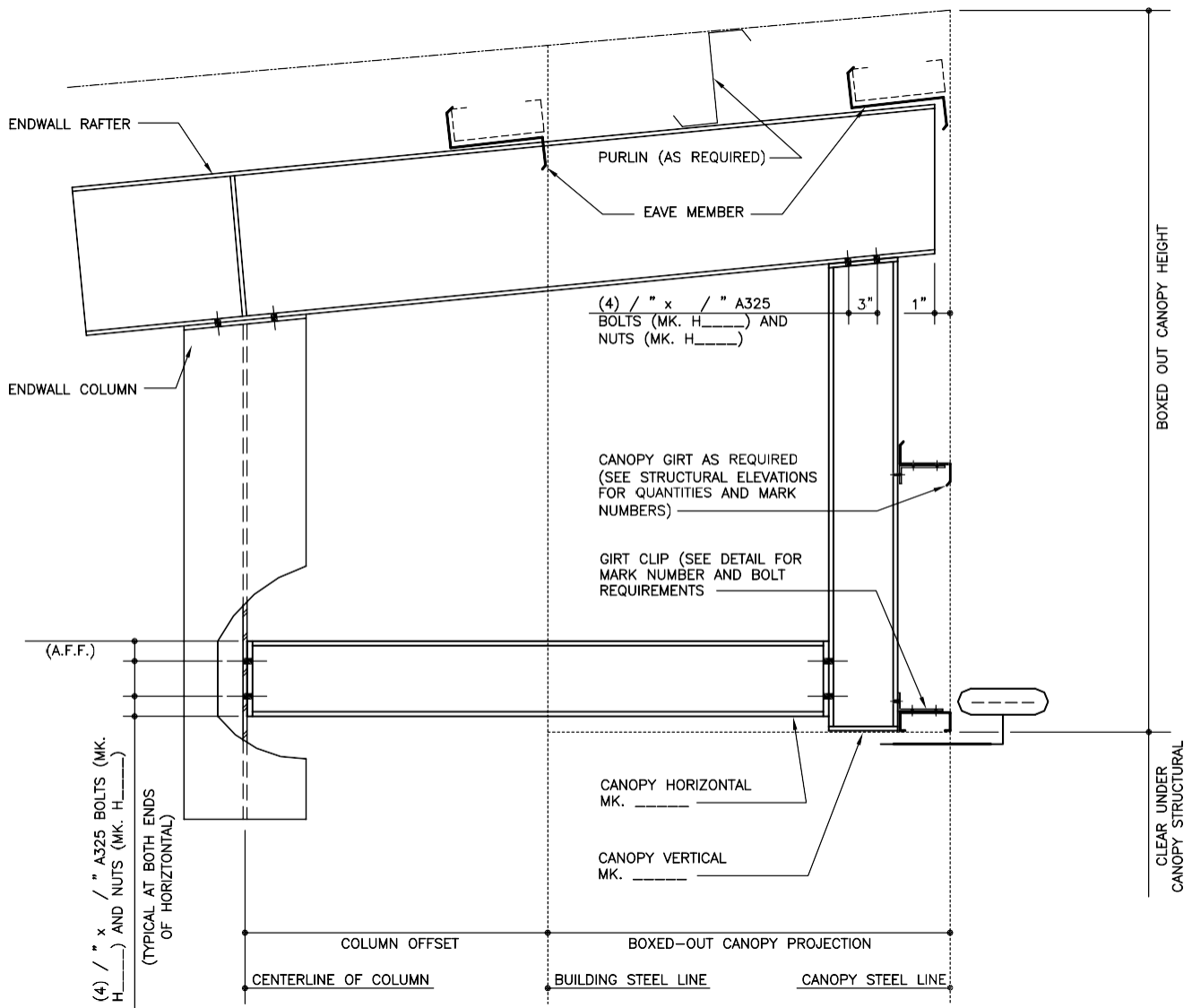
BY: AK CHK: EGB

NAME IF APPLICABLE

**7.2.66**

**AQ0410.DWG**

**AQ0450 – RAFTER, HIGH EAVE, - BUILT-UP**



**BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL**

AT POST & BEAM ENDWALL FRAME – HIGH EAVE

**AQ0450**

LAST REVISION **DETAIL**

**APPLICABLE**

DATE: 02/16/15

**7.2.67**

BY: AK CHK: EGB



# PRODUCT & ENGINEERING MANUAL

LAST REVISION DATE:  
02/16/15 \_\_\_\_\_

NAME IF

**AQ0450.DWG**

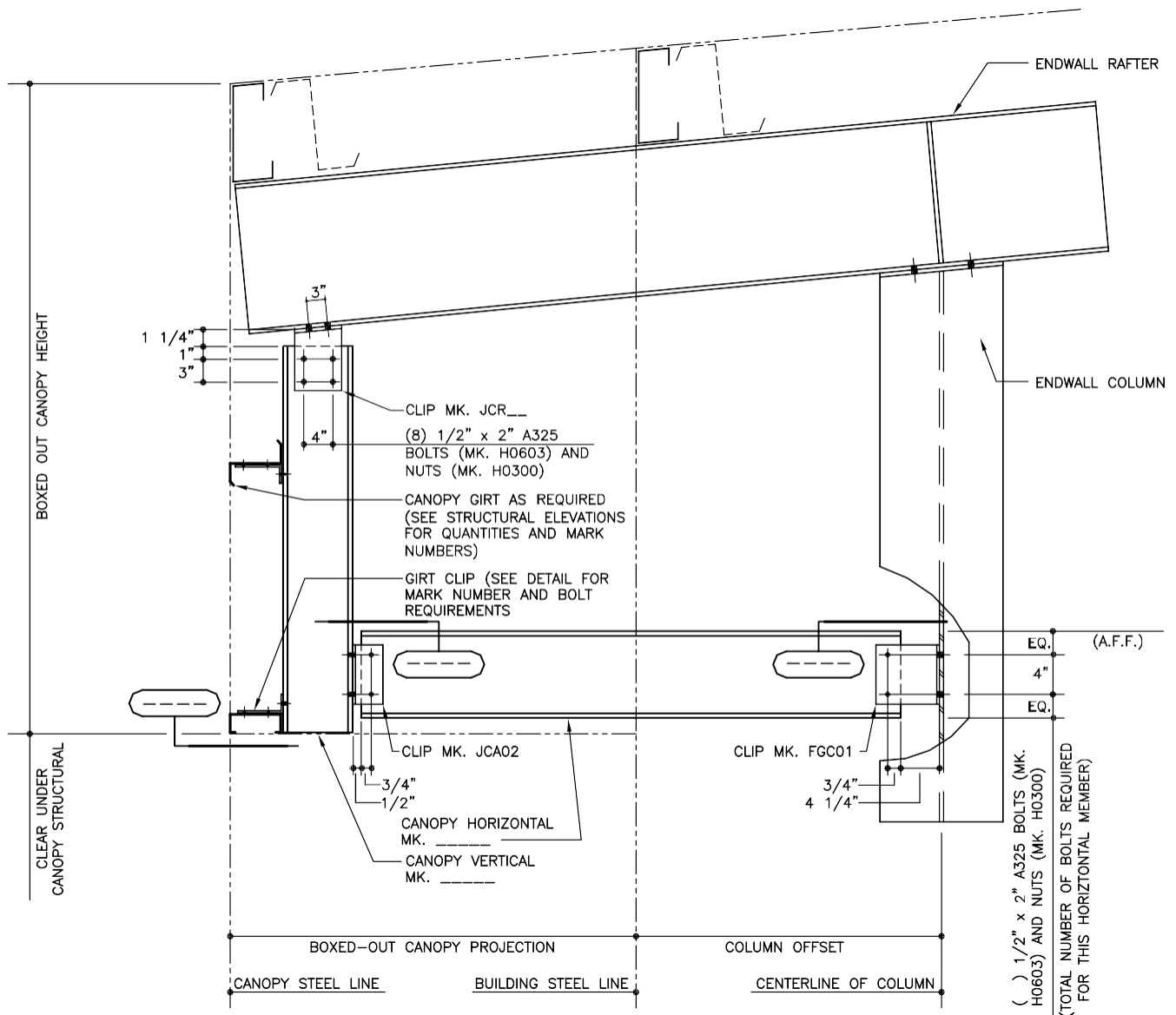
**AQ0460 – RAFTER, LOW EAVE, - COLD-FORM**

AQ0460

DETAIL APPLICABLE

**7.2.68**

BY: AK CHK: EGB



**BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL**

AT POST & BEAM ENDWALL FRAME - LOW EAVE  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

LAST REVISION DETAIL

APPLICABLE

DATE: 02/16/15

**7.2.69**

BY: AK CHK: EGB



# PRODUCT & ENGINEERING MANUAL

NAME IF

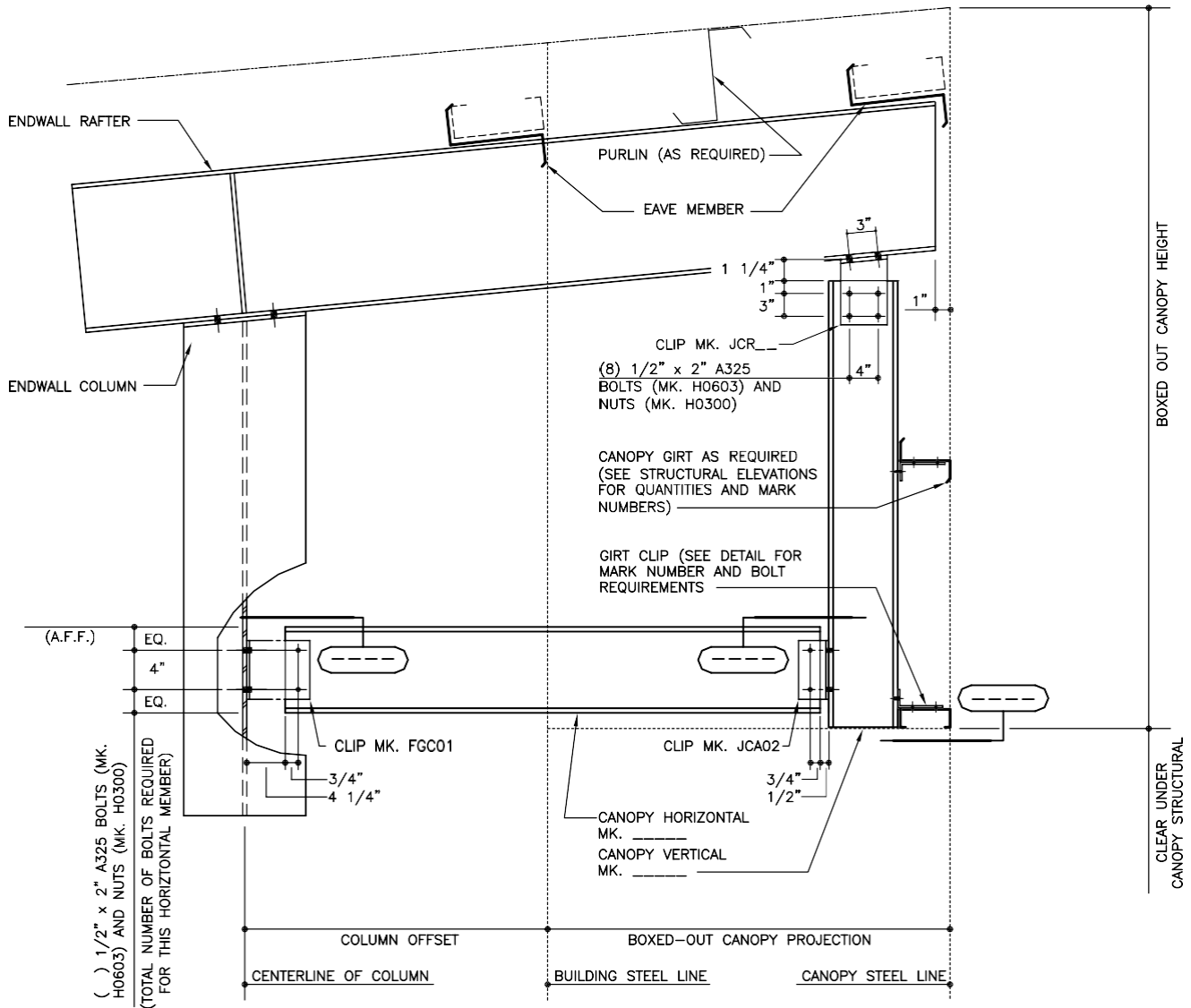
**AQ0460.DWG**

**AQ0470 – RAFTER, HIGH EAVE, - COLD-FORM**

DETAIL APPLICABLE

**7.2.70**

BY: AK CHK: EGB



**BOXED-OUT CANOPY AT SIDEWALL STRUCTURAL DETAIL**

AT POST & BEAM ENDWALL FRAME - HIGH EAVE  
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

**AQ0470**

LAST REVISION DETAIL

APPLICABLE

DATE: 02/16/15

**7.2.71**

BY: AK CHK: EGB

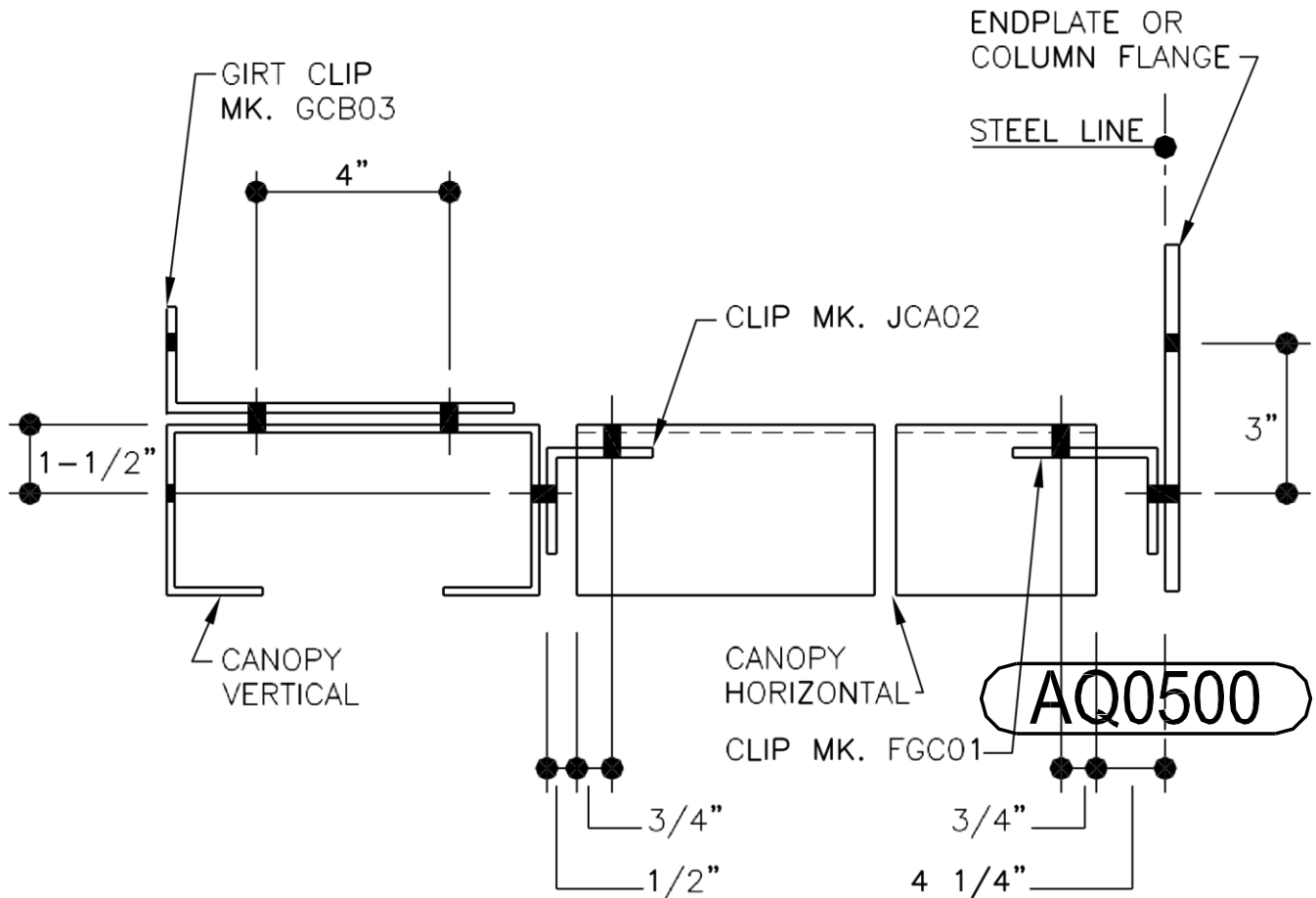
LAST REVISION DATE:  
02/16/15 \_\_\_\_\_

NAME IF

**AQ0470.DWG**

**COLD-FORMED HORIZONTAL DETAILS**

**AQ0500 – SINGLE CEE HORIZONTAL**



DETAIL APPLICABLE

**7.2.72**

BY: AK CHK: EGB





# CANOPY HORIZONTAL

SECTION VIEW OF CANOPY HORIZONTAL WITH  
SINGLE CEE

NAME IF

**AQ0500.DWG**

LAST REVISION DETAIL

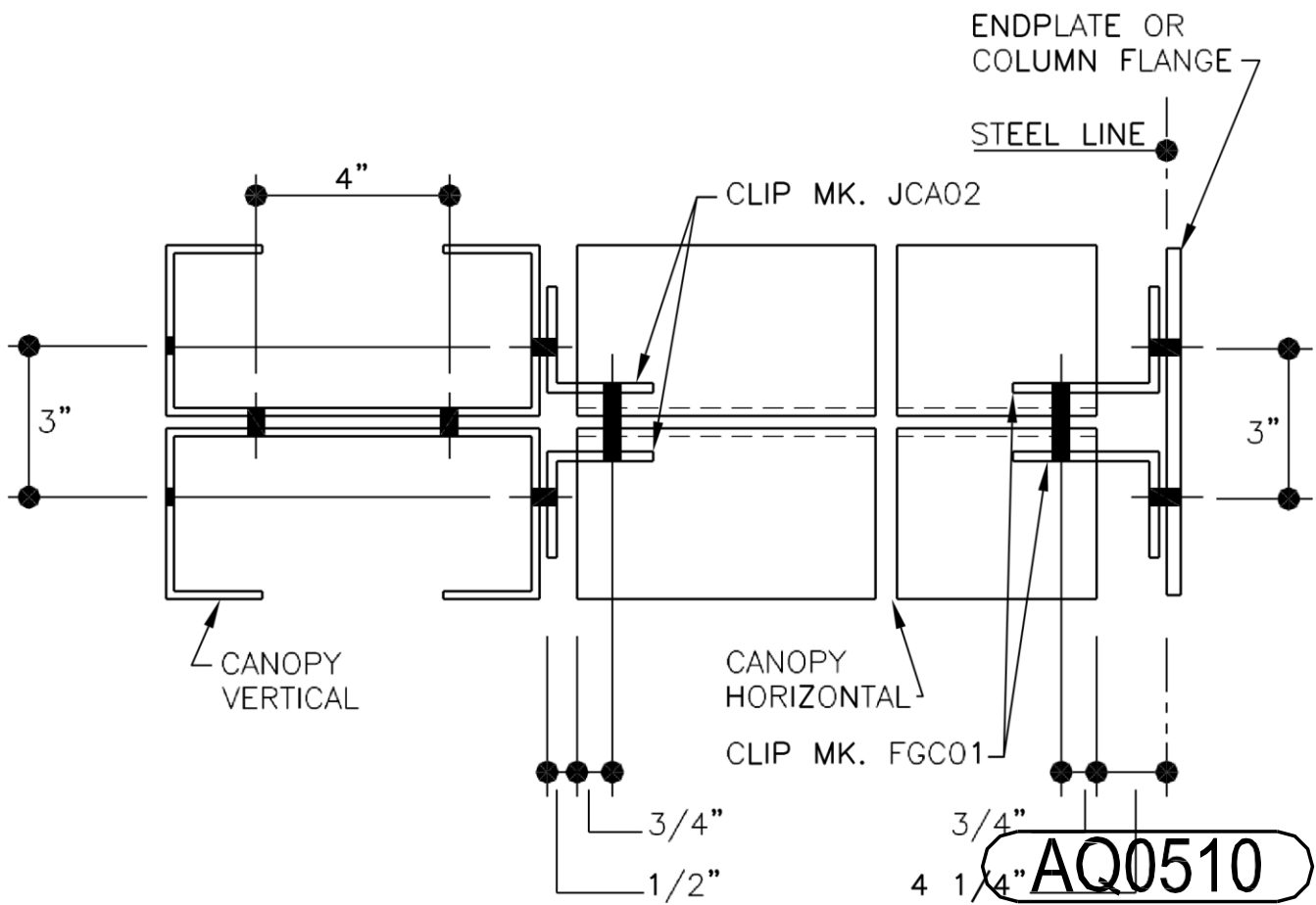
DATE: 02/16/15

BY: AK CHK: EGB

APPLICABLE

**7.2.73**

**AQ0510 – DOUBLE CEE HORIZONTAL**



**CANOPY HORIZONTAL**

SECTION VIEW OF CANOPY HORIZONTAL WITH DOUBLE CEE

LAST REVISION DETAIL

APPLICABLE

DATE: 02/16/15

**7.2.74**

BY: AK CHK: EGB



# PRODUCT & ENGINEERING MANUAL

NAME IF

**AQ0500.DWG**

**BOXED-OUT CANOPY SHEETING DETAILS**  
**CLASSIC ROOF**

**DO0105 – BEAM TRIM DETAIL**

**DO0105**

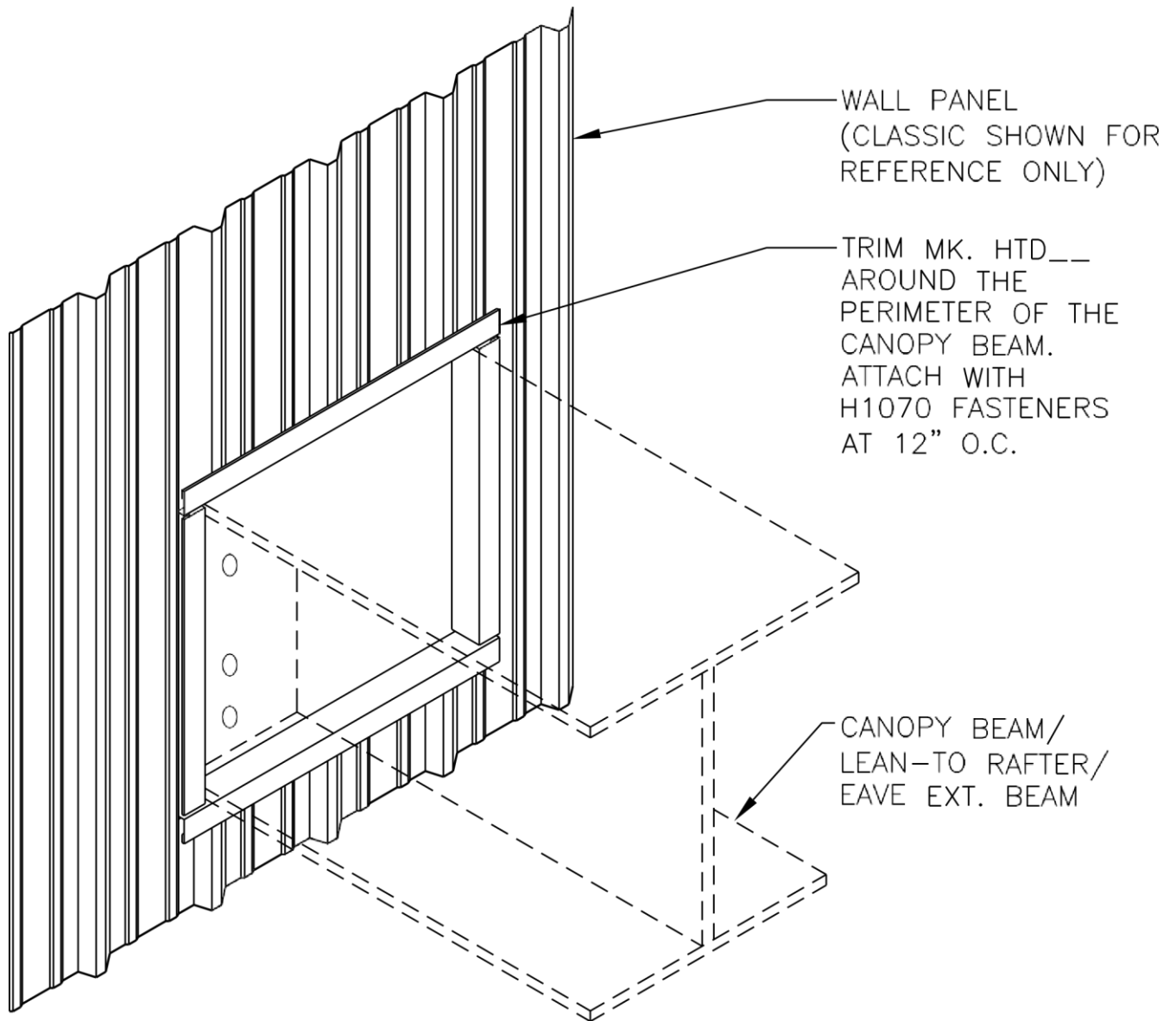
LAST REVISION DETAIL

DATE: 02/16/15

BY: AK CHK: EGB

APPLICABLE

**7.2.75**



**BEAM TRIM DETAIL**

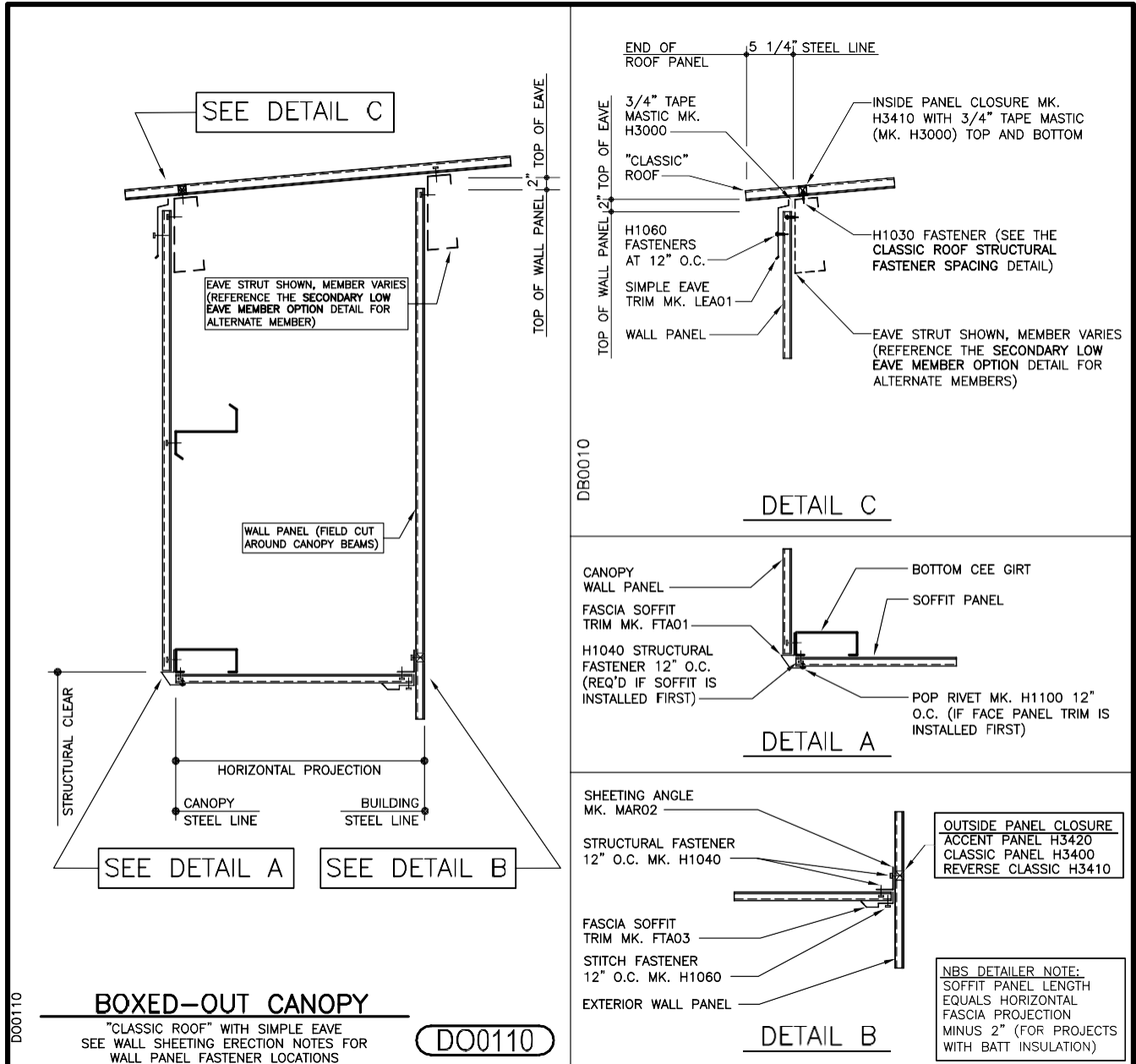
LAST REVISION  
DATE: 02/16/15  
BY: AK CHK: EGB

DETAIL APPLICABLE  
**7.2.76**

NAME IF

**DO0105.DWG**

**DO0110PE – LOW EAVE, NO GUTTER**



LAST REVISION DETAIL

APPLICABLE

DATE: 02/16/15

**7.2.77**

BY: AK CHK: EGB



# PRODUCT & ENGINEERING MANUAL

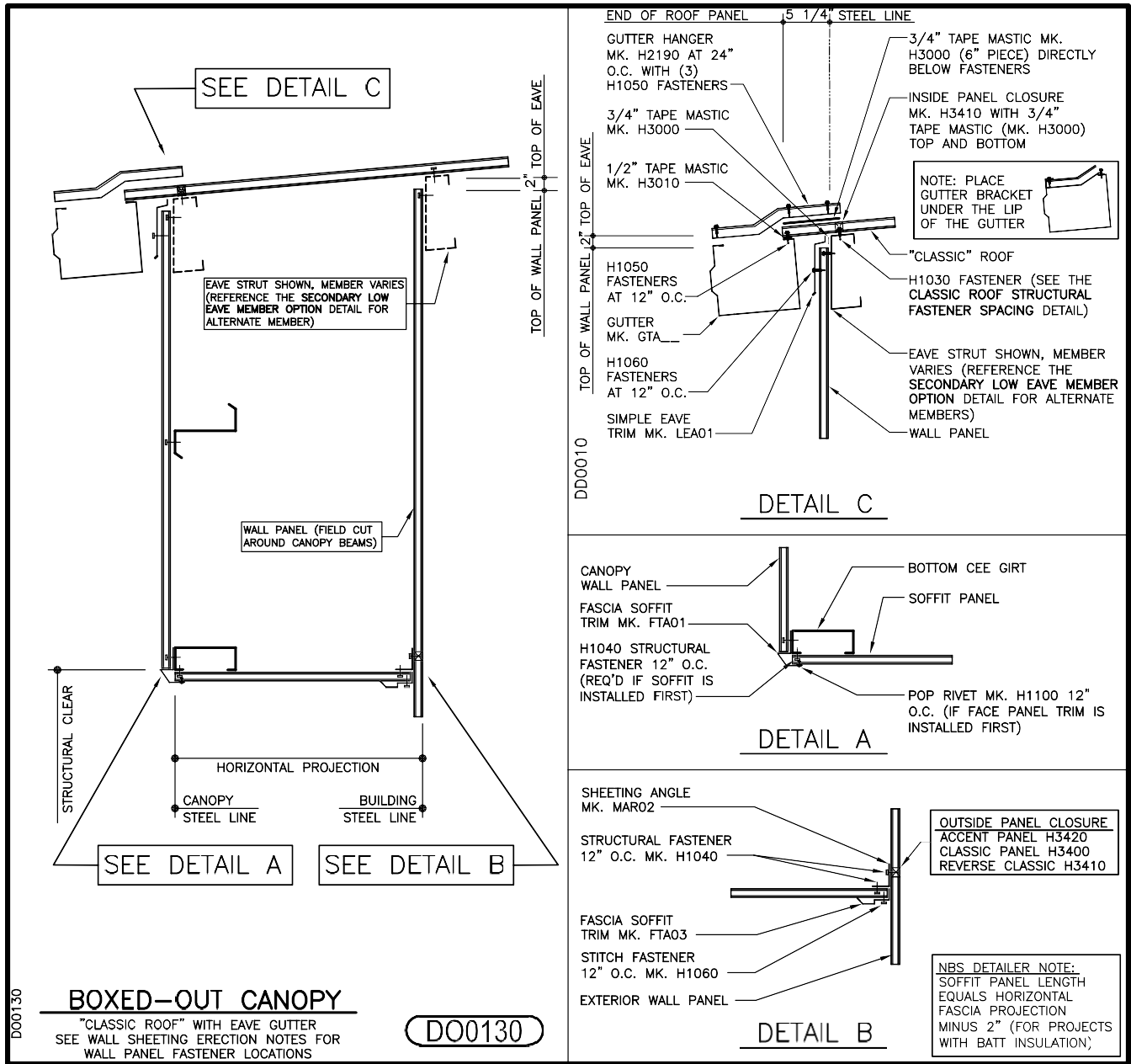
NAME IF

**DO0110PE.DWG**

**DO0130PE – LOW EAVE, GUTTER**

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

DETAIL APPLICABLE  
**7.2.78**



NAME IF

LAST REVISION DETAIL

APPLICABLE

DATE: 02/16/15

**7.2.79**

BY: AK CHK: EGB



# PRODUCT & ENGINEERING MANUAL

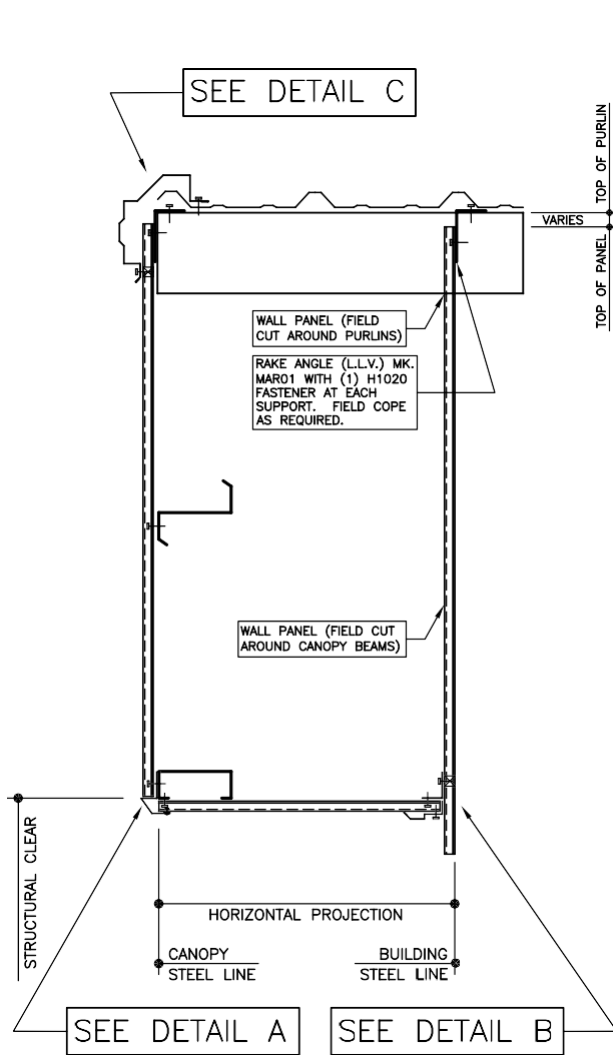
**DO0130PE.DWG**

**DO0150PE – RAKE**

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

DETAIL APPLICABLE  
**7.2.80**

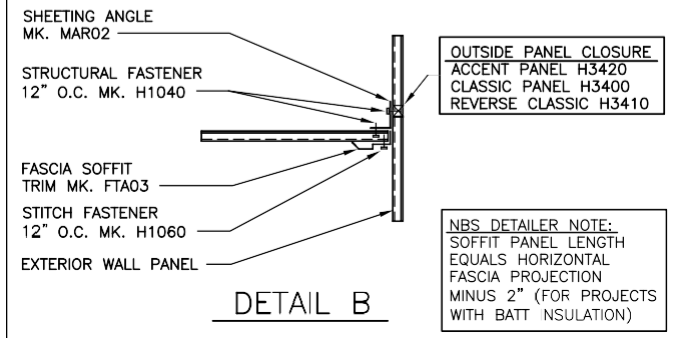
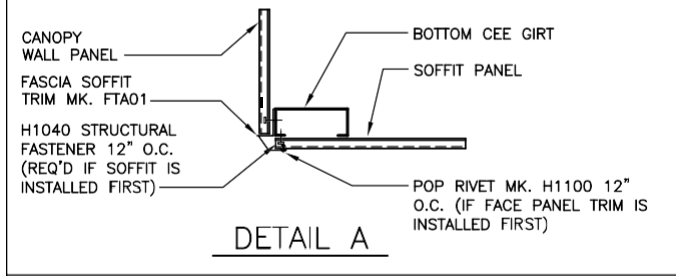
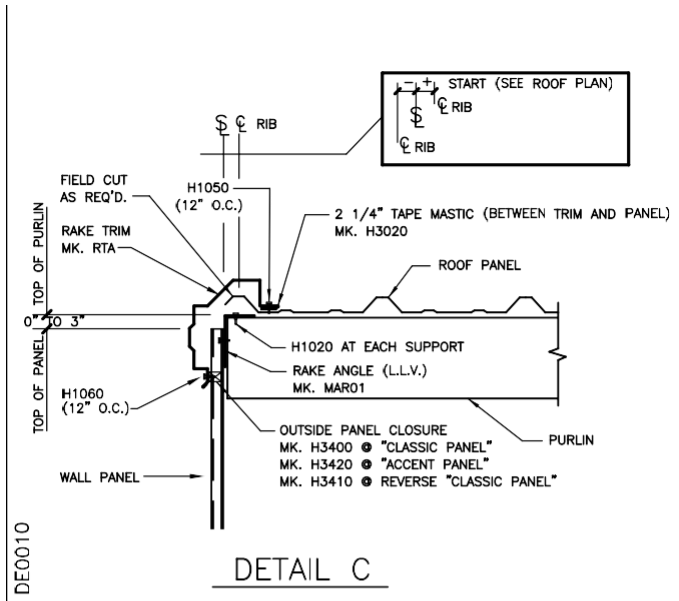




**BOXED-OUT CANOPY**

"CLASSIC ROOF" WITH SCULPTURED RAKE  
SEE WALL SHEETING ERECTION NOTES FOR  
WALL PANEL FASTENER LOCATIONS

**DO0150**



NAME IF

APPLICABLE

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

**7.2.81**



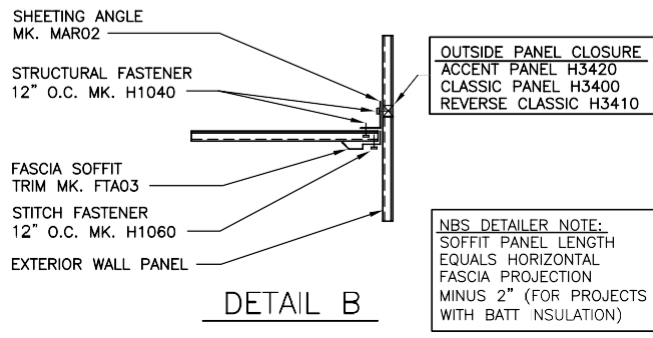
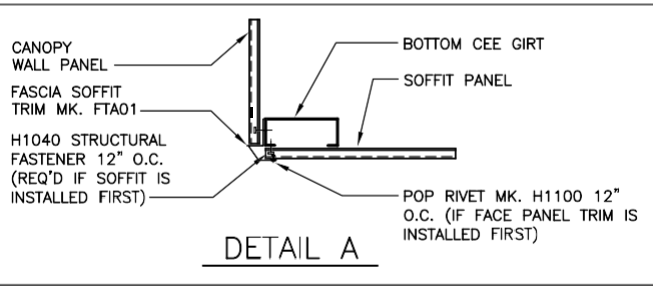
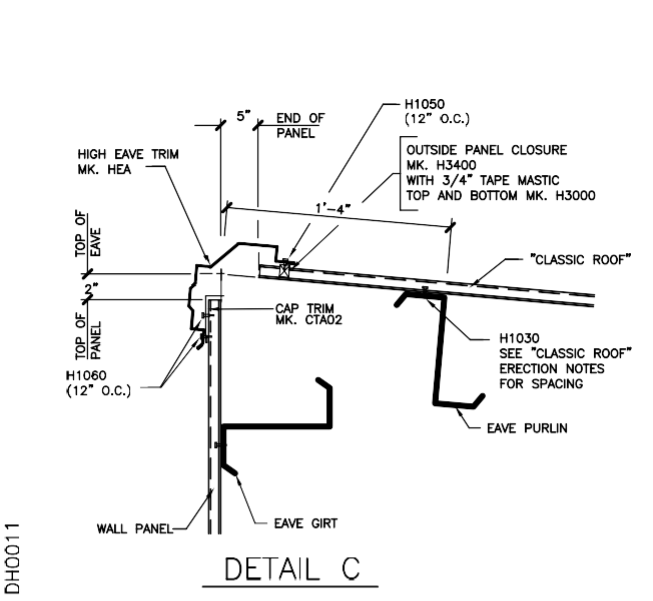
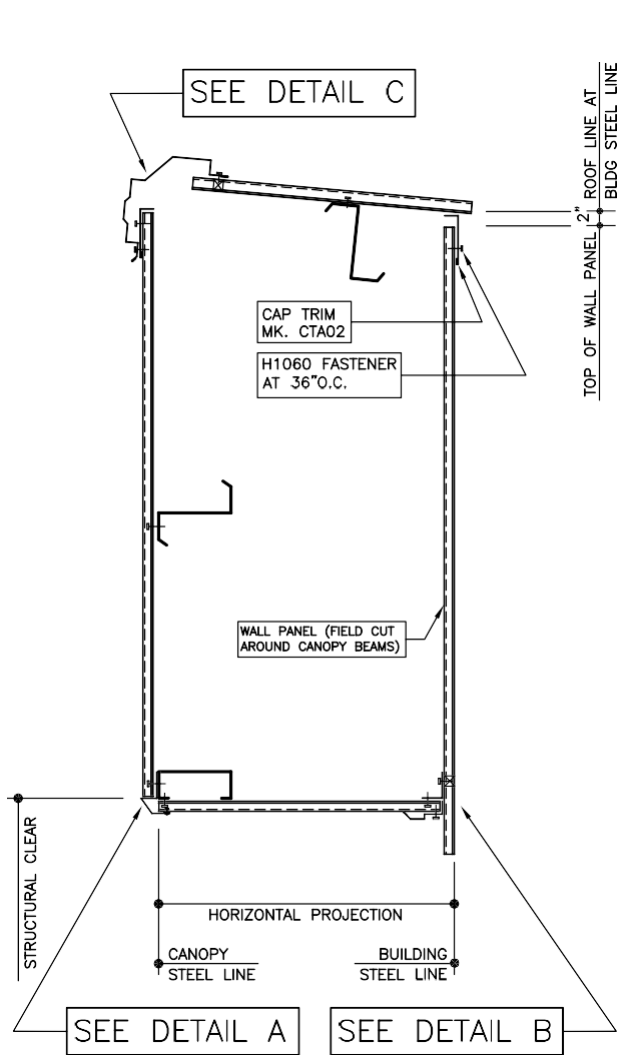
# PRODUCT & ENGINEERING MANUAL

**DO0150PE.DWG**

**DO0160PE – HIGH EAVE**

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

DETAIL APPLICABLE  
**7.2.82**



**BOXED-OUT CANOPY**

"CLASSIC ROOF" WITH HIGH EAVE SCULPTURED  
SEE WALL SHEETING ERECTION NOTES FOR WALL  
PANEL FASTENER LOCATIONS

**DO0160**

NAME IF

APPLICABLE

LAST REVISION DETAIL

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

**7.2.83**



# PRODUCT & ENGINEERING MANUAL

DO0160PE.DWG

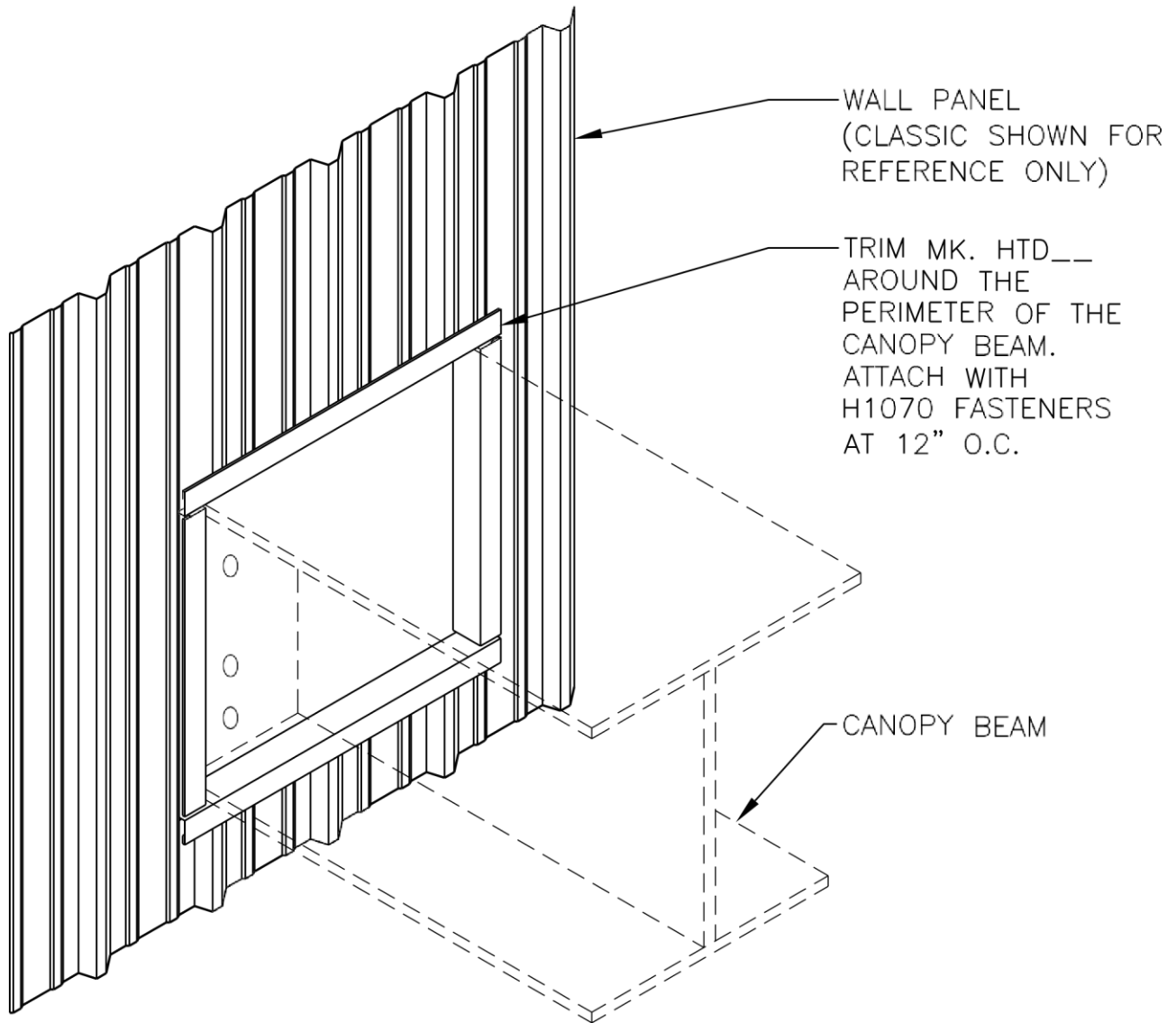
C.F.R. ROOF

EQ6005 – BEAM TRIM DETAIL

EQ6005

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

DETAIL APPLICABLE  
**7.2.84**



BEAM TRIM DETAIL

NAME IF  
**EQ6005.DWG**

LAST REVISION DETAIL

DATE: 02/16/15

BY: AK CHK: EGB

APPLICABLE

**7.2.85**

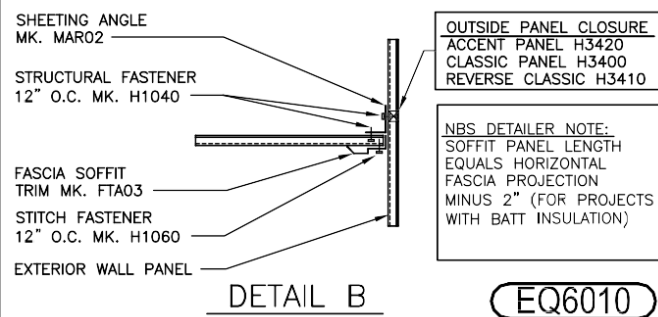
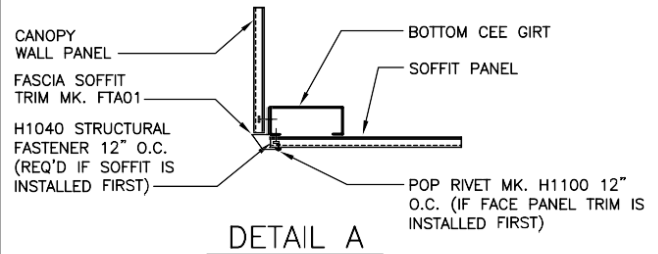
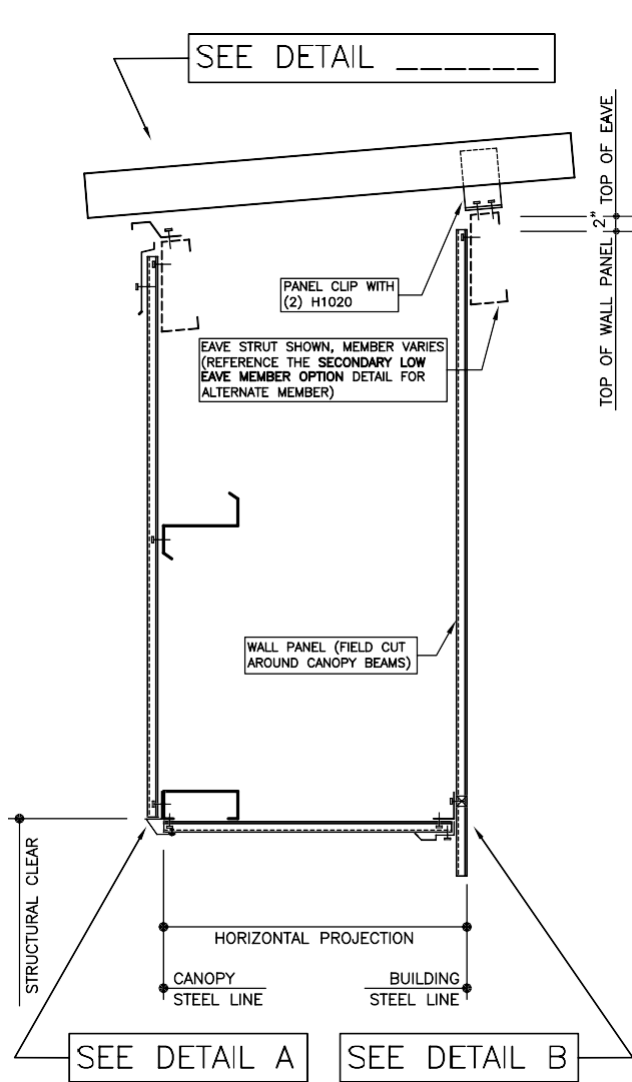


# PRODUCT & ENGINEERING MANUAL

## EQ6010 – LOW EAVE, NO GUTTER

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

DETAIL APPLICABLE  
**7.2.86**



**EQ6010**

**BOXED-OUT CANOPY**  
"CFR ROOF" WITH SIMPLE EAVE  
SEE WALL SHEETING ERECTION NOTES FOR  
WALL PANEL FASTENER LOCATIONS

NAME IF

APPLICABLE

LAST REVISION DETAIL

DATE: 02/16/15

BY: AK CHK: EGB

**7.2.87**



# PRODUCT & ENGINEERING MANUAL

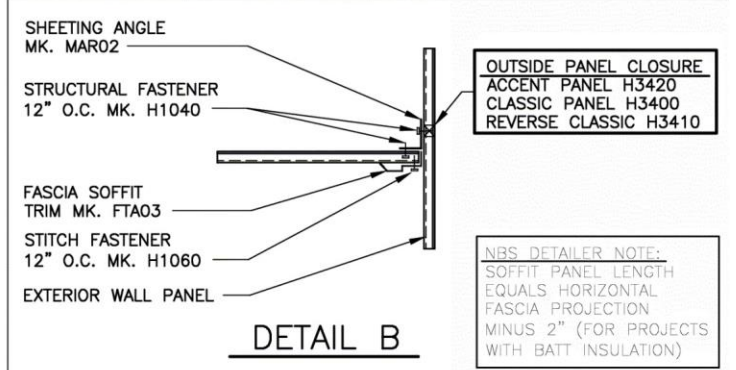
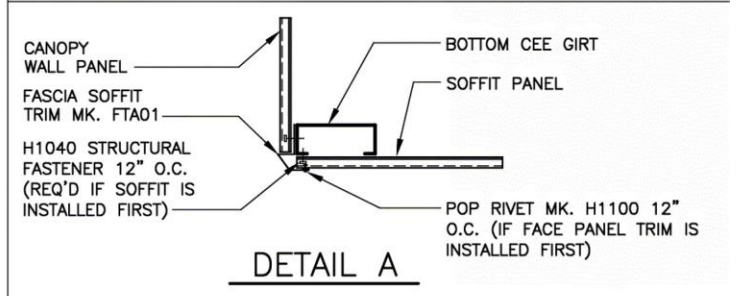
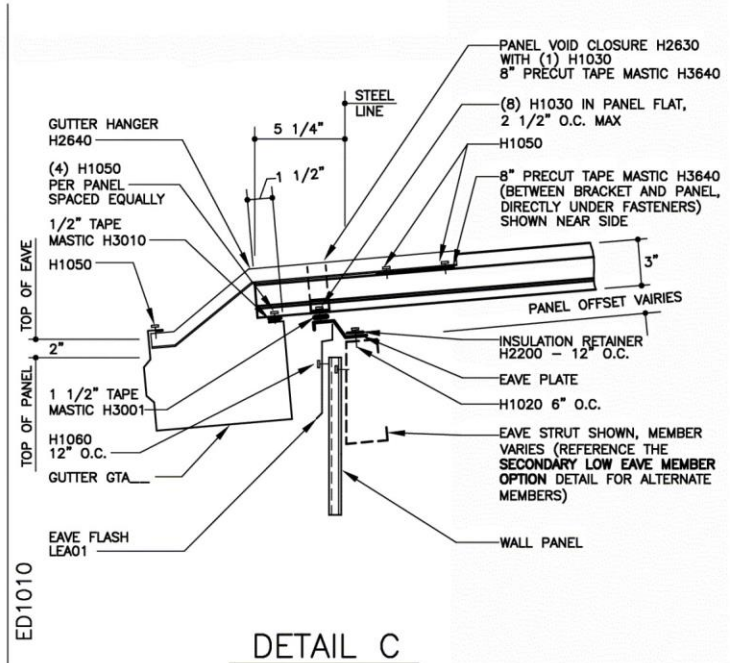
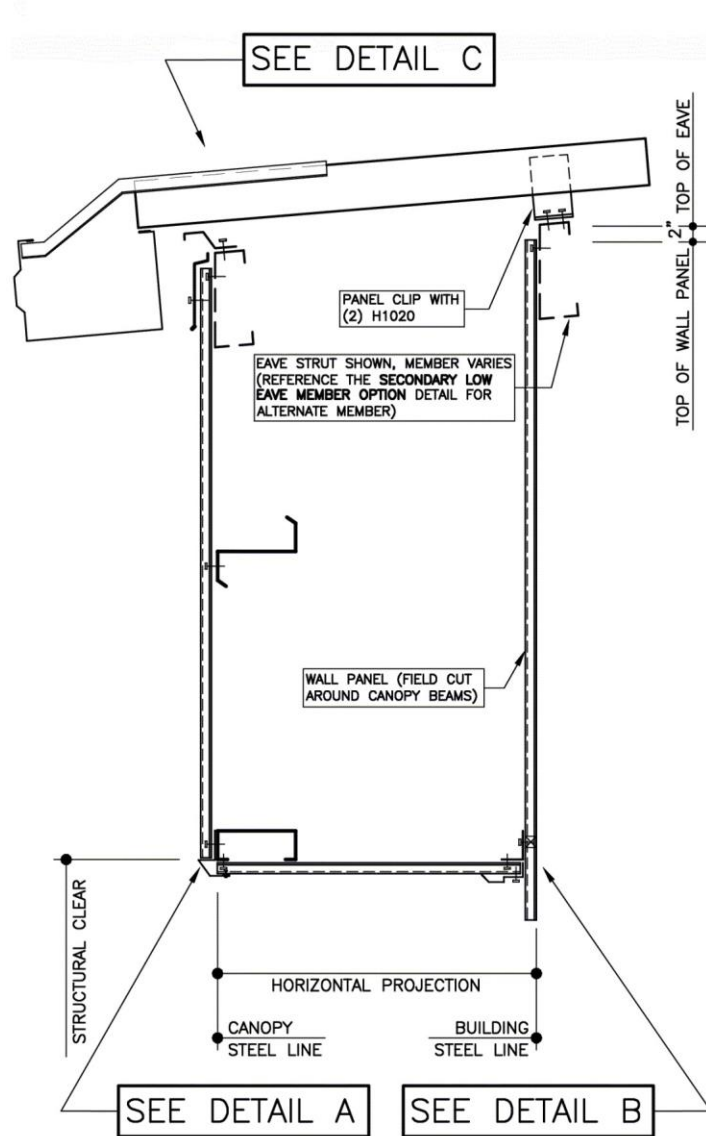
**EQ6005.DWG**

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

DETAIL APPLICABLE  
**7.2.88**



**EQ0030PE – LOW EAVE, GUTTER**



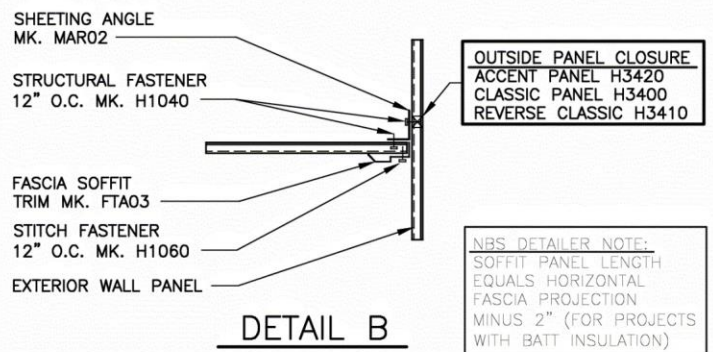
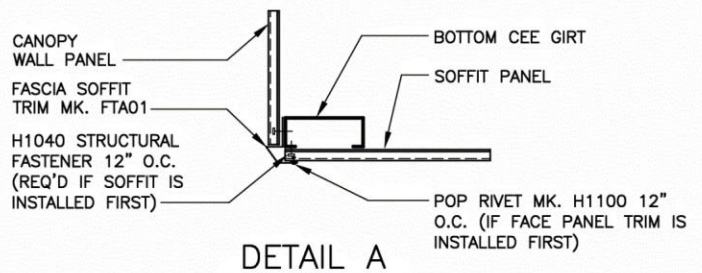
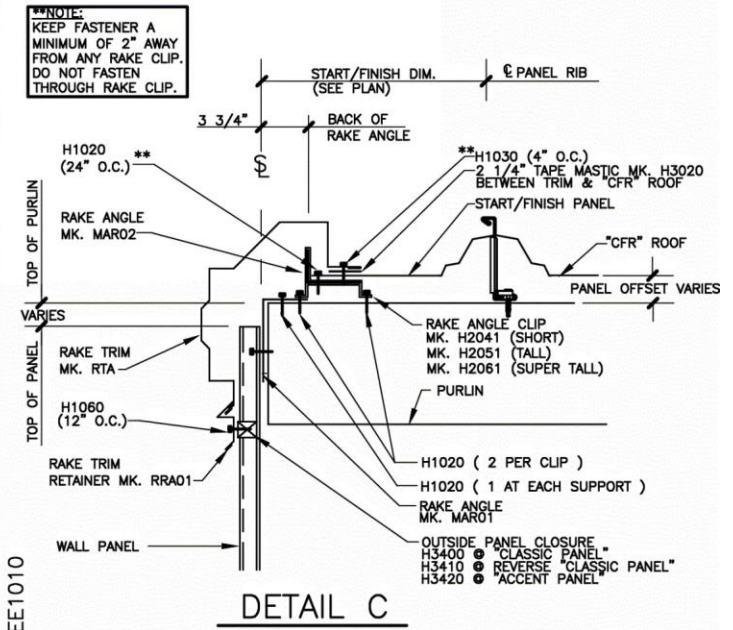
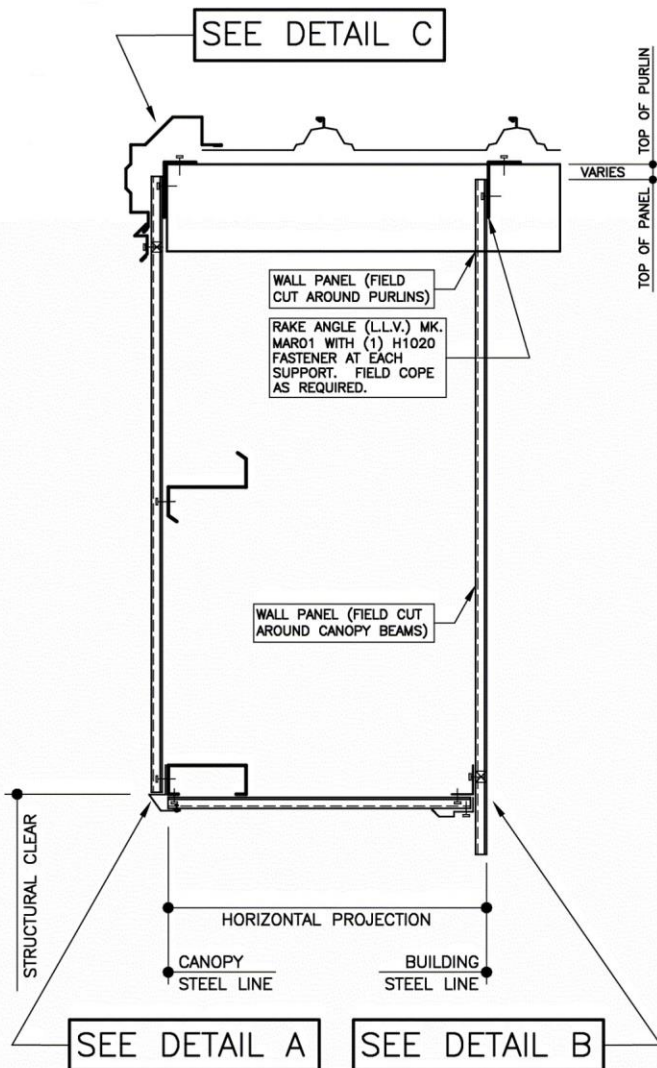
EQ0030PE

**BOXED-OUT CANOPY**

"CFR ROOF" WITH EAVE GUTTER  
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

**EQ0030PE**

**EQ0050PE – RAKE**



EQ0050PE

**BOXED-OUT CANOPY**

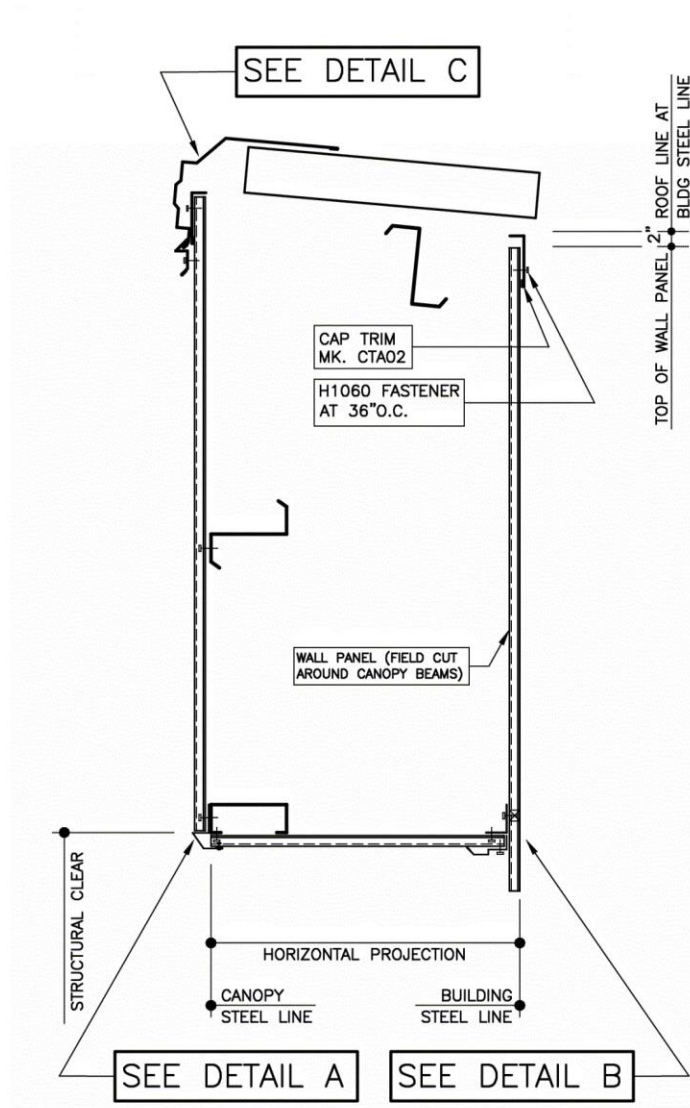
"CFR ROOF" WITH SCULPTURED RAKE  
SEE WALL SHEETING ERECTION NOTES FOR  
WALL PANEL FASTENER LOCATIONS

**EQ0050PE**

DATE: 12/29/17  
BY: EGB CHK: KMC

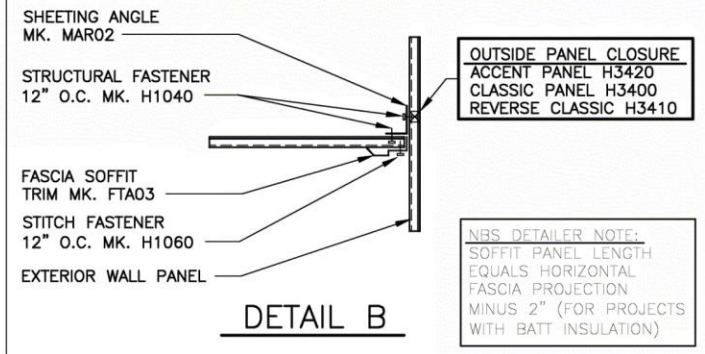
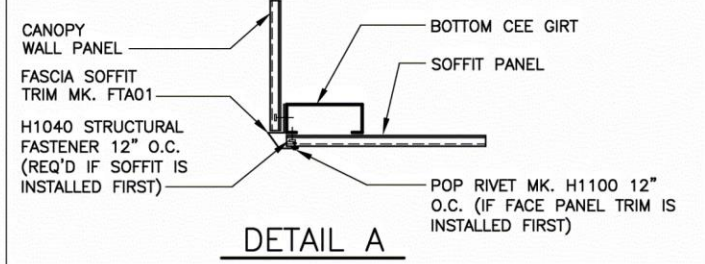
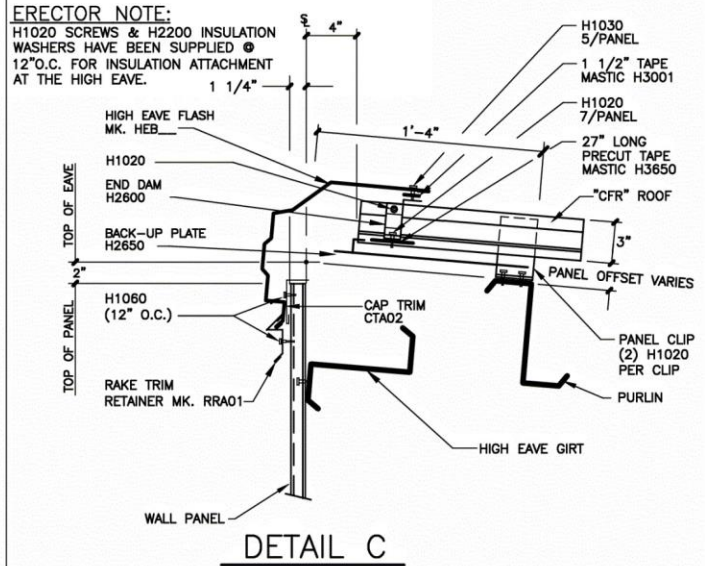
**7.2.90**  
**EQ0030PE.DWG**

**EQ0060PE – HIGH EAVE**



**ERECTOR NOTE:**

H1020 SCREWS & H2200 INSULATION WASHERS HAVE BEEN SUPPLIED @ 12\"/>



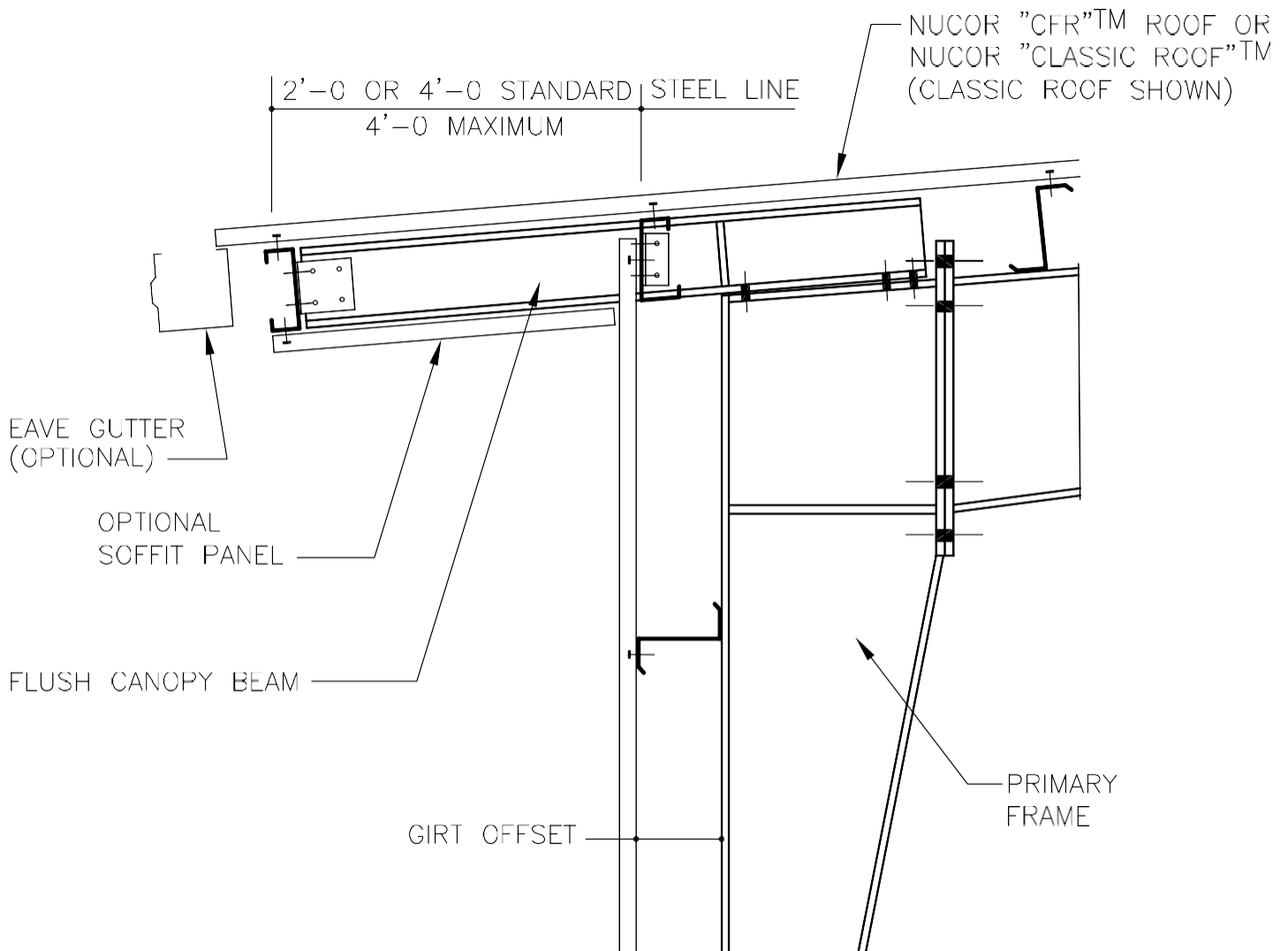
**EQ0060PE**  
**BOXED-OUT CANOPY**  
"CFR ROOF" WITH HIGH EAVE SCULPTURED  
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

LAST REVISION DETAIL  
DATE: 12/29/17  
BY: EGB CHK: KMC

NAME IF APPLICABLE  
**7.2.91**  
**EQ0030PE.DWG**

**EAVE/RAKE EXTENSION DETAILS**

**CE0080PE – EAVE EXTENSION (CONCEALED BEAM)**



**NOTE:**

- 1) OUTSET GIRT CONDITION SHOWN. ALSO AVAILABLE WITH INSET GIRT CONDITION.
- 2) EAVE EXTENSIONS ARE NOT AVAILABLE ON BUILDINGS WITH OPEN-WEB JOIST ROOF PURLINS.
- 3) NUCOR DOES NOT RECOMMEND THE USE OF A SIDEWALL EAVE EXTENSION WITHOUT SOFFIT PANEL, DUE TO WEATHER TIGHTNESS OF THIS CONDITION.

**DETAIL NAME IF**

**APPLICABLE**

DATE: **7.2.92**  
BY:           CHK:



LAST REVISION

08/17/09

DLC

AES

CE0080PE.DWG

## PRODUCT & ENGINEERING MANUAL

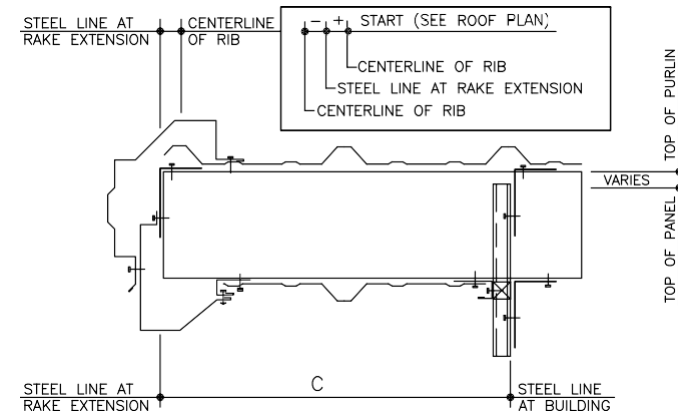
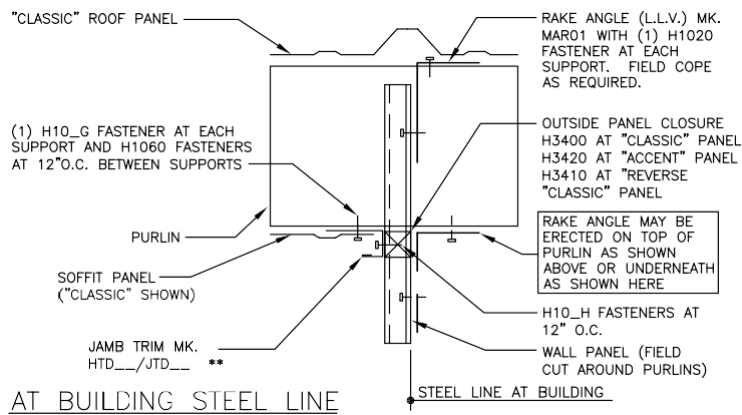
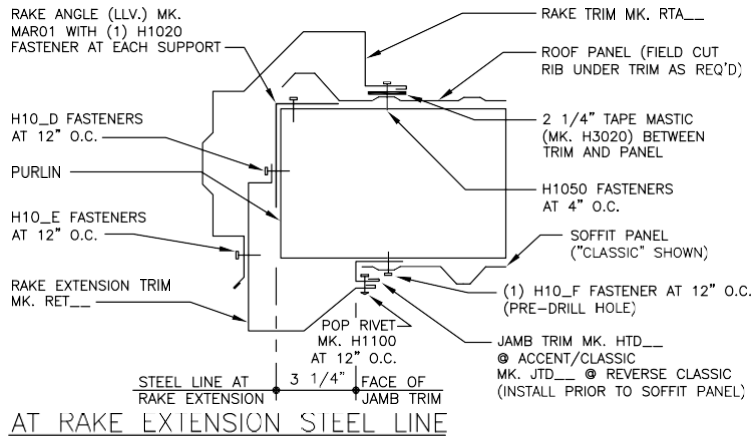
**DM0070 – RAKE EXTENSION (VALLEY STEEL “CLASSIC ROOF”™)**

DATE:  
BY:

**7.2.93**

CHK:

DETAIL NAME IF APPLICABLE



**STANDARD RAKE EXTENSION DETAIL**

"CLASSIC" ROOF  
INSTALL JAMB TRIM & CLOSURE PRIOR TO SOFFIT PANEL  
SEE WALL SHEETING ERECTION NOTES FOR  
WALL PANEL FASTENER LOCATIONS

**APPLICABLE**

**DM0070**

**DETAIL NAME IF**

DATE: **7.2.94**  
BY: CHK:



LAST REVISION

02/16/15

AK

EGB

**DM0070.DWG**

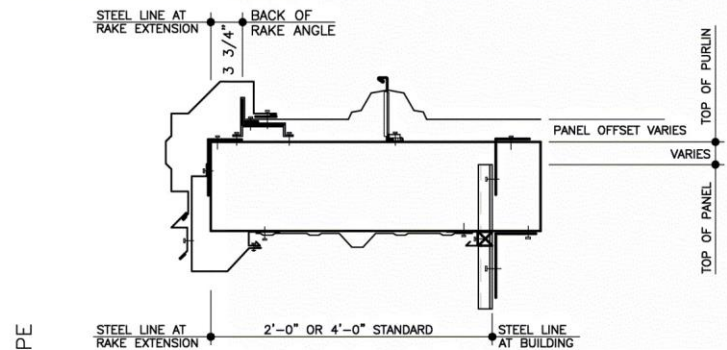
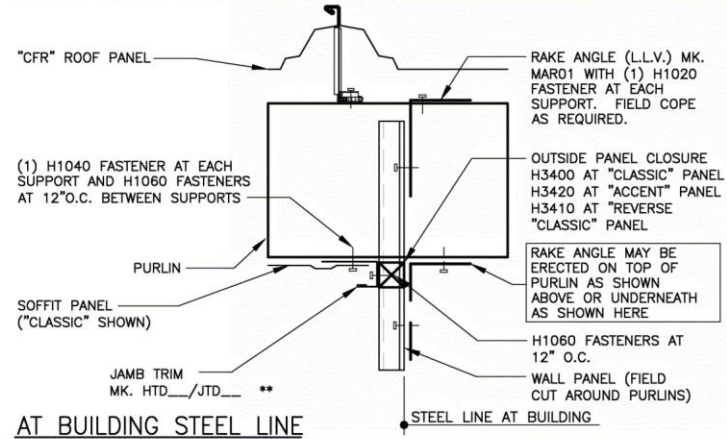
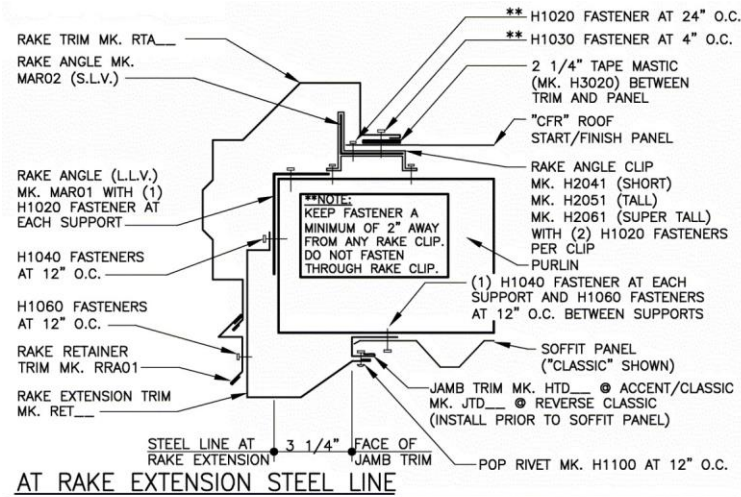
## PRODUCT & ENGINEERING MANUAL

**EO1050PE – RAKE EXTENSION (VALLEY STEEL “CFR”™ ROOF)**

DATE:  
BY:

**7.2.95**  
CHK:

DETAIL NAME IF APPLICABLE



EO1050PE

**STANDARD RAKE EXT. DETAIL** **EO1050**

"CFR" ROOF  
\*\* INSTALL JAMB TRIM & CLOSURE PRIOR TO SOFFIT PANEL  
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

DETAIL NAME IF

DATE: **7.2.96**  
BY: CHK:





LAST REVISION

12/29/17

EGB

SDF

EO1050PE.DWG

## PRODUCT & ENGINEERING MANUAL

**DM0210 – EAVE EXTENSION AT BOX BEAM (VALLEY STEEL “CLASSIC ROOF”™)**

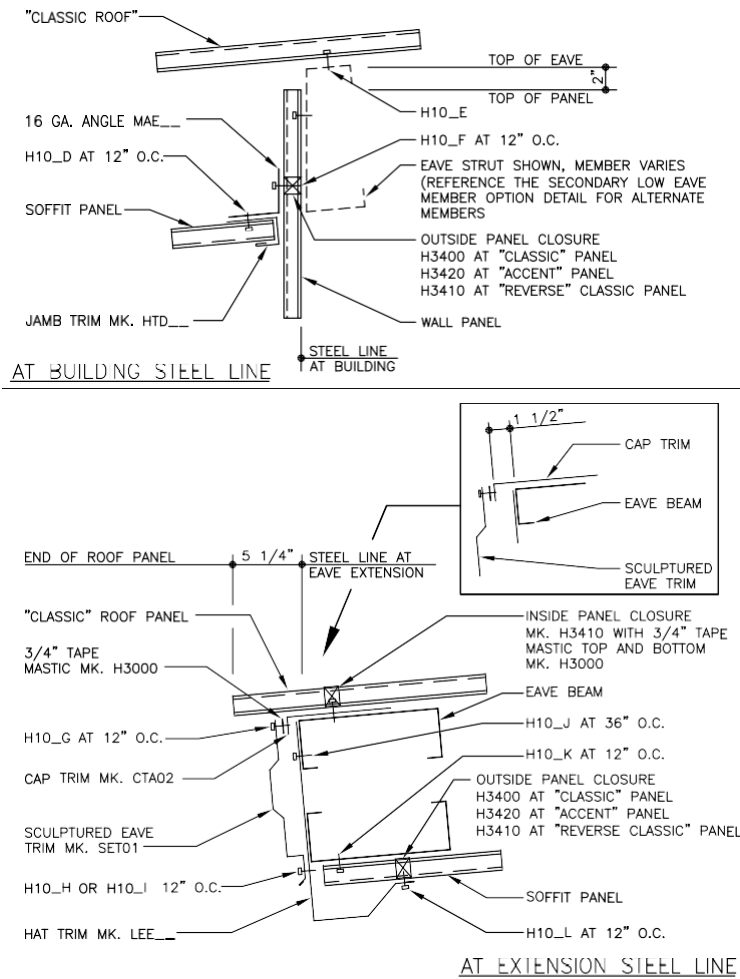
DATE:

**7.2.97**

BY:

CHK:

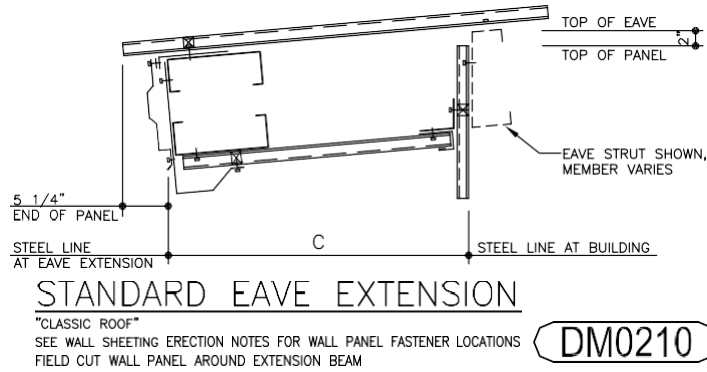
DETAIL NAME IF APPLICABLE



DETAIL NAME IF

APPLICABLE

DATE: **7.2.98**  
BY: CHK:



LAST REVISION  
02/16/15  
AK EGB

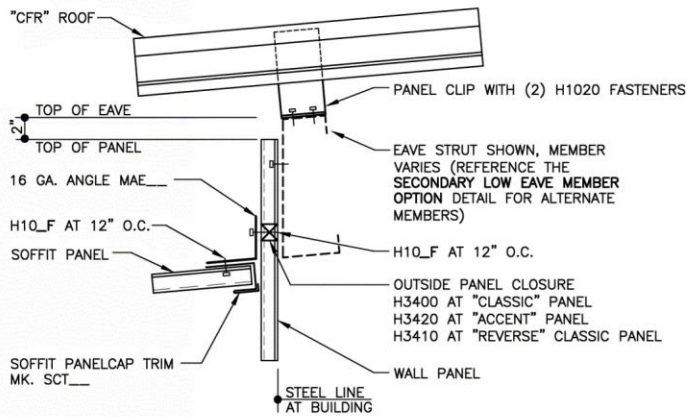
**DM0210.DWG**

**PRODUCT & ENGINEERING MANUAL**

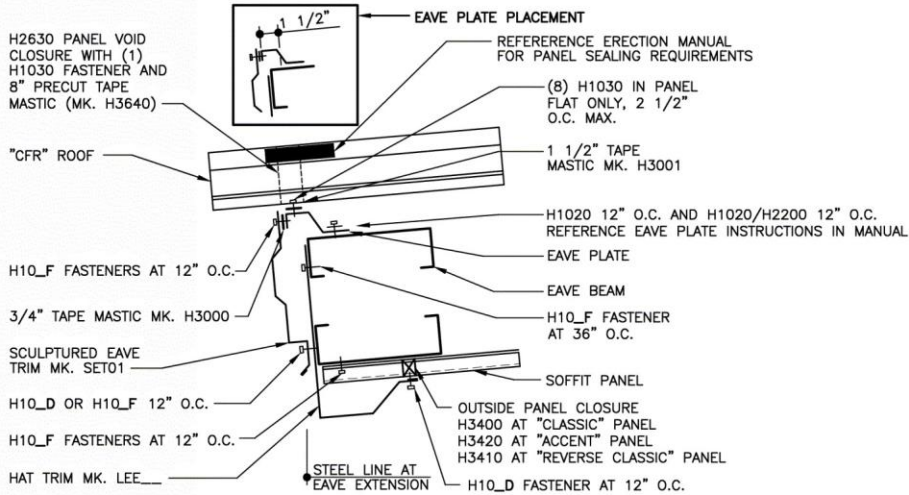
**EO6210 – EAVE EXTENSION AT BOX BEAM (VALLEY STEEL “CFR”™ ROOF)**

DATE: **7.2.99**  
BY: CHK:

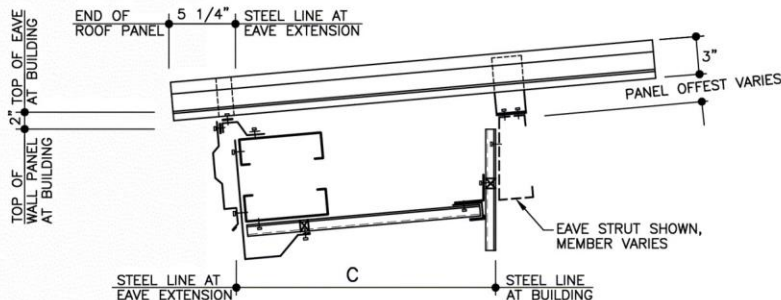
DETAIL NAME IF APPLICABLE



**AT BUILDING STEEL LINE**



**AT EAVE EXTENSION STEEL LINE**



**DETAIL NAME**

DATE: **7.1**  
BY: CHK:

**STANDARD EAVE EXTENSION**

"CFR" ROOF  
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS  
FIELD CUT WALL PANEL AROUND EAVE EXTENSION BEAM

**EO6210**



LAST REVISION

12/29/19

EGB

SDF

**EO6210.DWG**

DATE:  
BY:

**7.2.101**  
CHK:

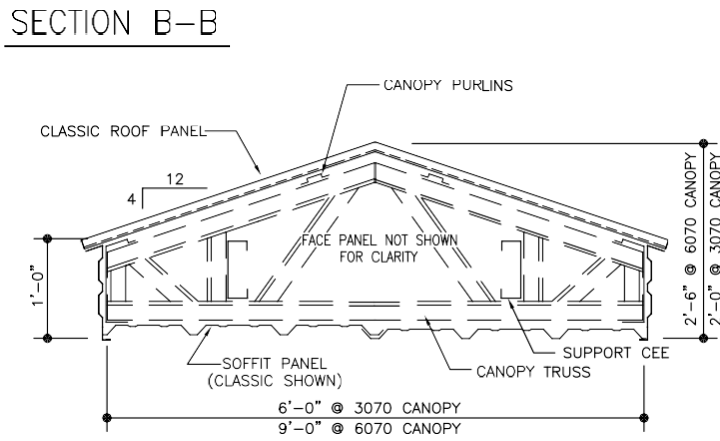
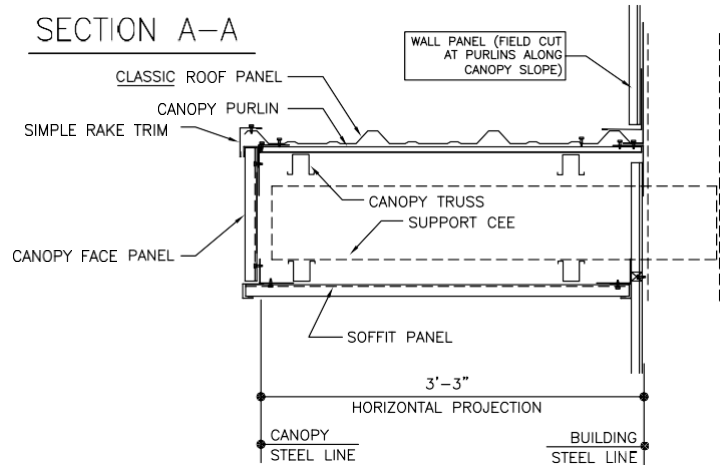
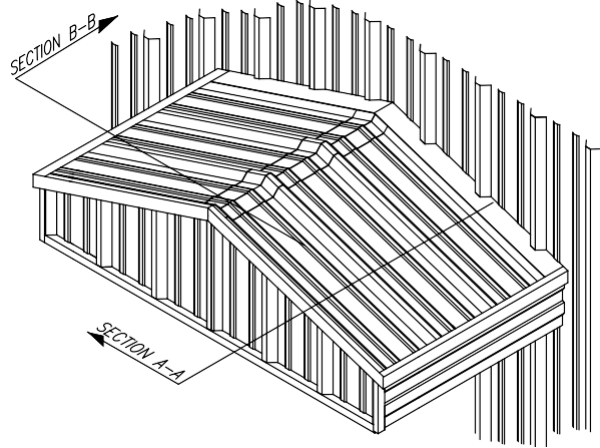
DETAIL NAME IF APPLICABLE



# PRODUCT & ENGINEERING MANUAL

## WALKDOOR CANOPY DETAILS

**DO0600PE – WALKDOOR CANOPY DETAIL**



DO0600PE

LAST REVISION  
 DATE: 02/22/10  
 BY: AES CHK: AES

**DETAIL NAME IF APPLICABLE**

**DO0600PE.DWG**

**7.2.56**