



## **WALL & ROOF LINER PANEL TABLE OF CONTENTS**

Wall & Roof Liner Panel Table of Contents .....	1
General Information .....	2
IA0070 – Liner Panel Erection Note .....	3
AG0130 – Flange Brace @ Purlin And Rafter W/ Liner .....	5
IA0040 – Post And Beam Endwall Corner Column (Classic Wall) .....	7
IA0010 – Panel Termination @ Interior Columns (Classic Wall) .....	9
IE0040 – Wall & Roof Liner @ Bypass Post And Beam Endwall .....	12
IE0041 – Wall & Roof Liner @ Flush/Inset Post And Beam Endwall .....	14
IE0010 – Wall Liner @ Rigid Frame Endwall .....	16
IE0030 – Wall & Roof Liner @ Rigid Frame Endwall .....	19
ID0010 – Low Eave Detail .....	21
ID0060 – High Eave Detail .....	23
ID0050 – Low Eave W/ Wall & Roof Liner .....	26
IF0010 – Ridge Liner Panel Detail .....	28
GA0052 – Classic Wall – Siding Lap .....	30
IA0080 – Roof Liner Panel Lap Detail .....	31
IC0020 – Finished Floor Base Detail W/ Base Channel .....	33
IC0010 – Finished Floor Base Detail W/ Base Angle .....	36
IC0040 – Curb Wall W/ Base Channel .....	37
ID0100 – Cap Trim @ Partial Height Wall Liner .....	39
IG0050 – Framed Opening Jamb Detail @ Classic Liner .....	42
IG0090 – Framed Opening Header Detail @ Liner Panel .....	44
IG0100 – Framed Opening Sill Detail @ Liner Panel .....	45
IG0080 – Header Detail @ Flat Stock Liner .....	47

**7.5.1**

**GENERAL INFORMATION**

1. The standard wall and ceiling liner panel configuration is 28 gauge Valley Steel Classic Wall™ profile panel painted Polar White (Silicone Polyester).
2. Wall and ceiling liner panels are also available in 26 gauge in Valley Steel Classic Wall™, Valley Steel Accent Wall™ or Valley Steel Reverse Classic Wall™ panel profiles in the same colors and finishes as standard wall panel.
3. Indicate wall and ceiling liner locations in the appropriate location(s) of the order documents or on the sketch at time of order entry.

**Wall Liner Panel Notes:**

For wall liner panel, the following are Valley Steel Building Systems standards:

1. Jamb trim is supplied at columns and the roof line.
2. Base trim is supplied as specified on the order documents.
3. Cap trim is supplied as specified on the order documents.
4. Wall liner panel may be full height or partial height. The Valley Steel Building Systems standard partial height wall liner panel height is panel to 8'-0" above finish floor.
5. If liner panel height is other than 8'-0 or full height, an additional girt run may be required to support the top of the liner panel. Contact your engineering team if assistance is needed.

**Roof Liner Panel Notes:**

1. Full roof liner is typically not allowed on projects with roof joists.
2. Roof liner panel has no affect on purlin bracing requirements for Classic Roof™, CFR™ or VR16 II™ standing seam, or Insulated Metal Panel roof systems.

DATE:  
BY:

CHK:

|

3. Roof liner panel is typically shipped in maximum 20'-0 lengths for ease of erection. Longer lengths are available as noted in the order documents.

LAST REVISION

— 03/11/15 —

AAJ

MDK

**7.5.2**

**IA0070 – LINER PANEL ERECTION NOTE**

DETAIL NAME IF APPLICABLE

**7.5.3**

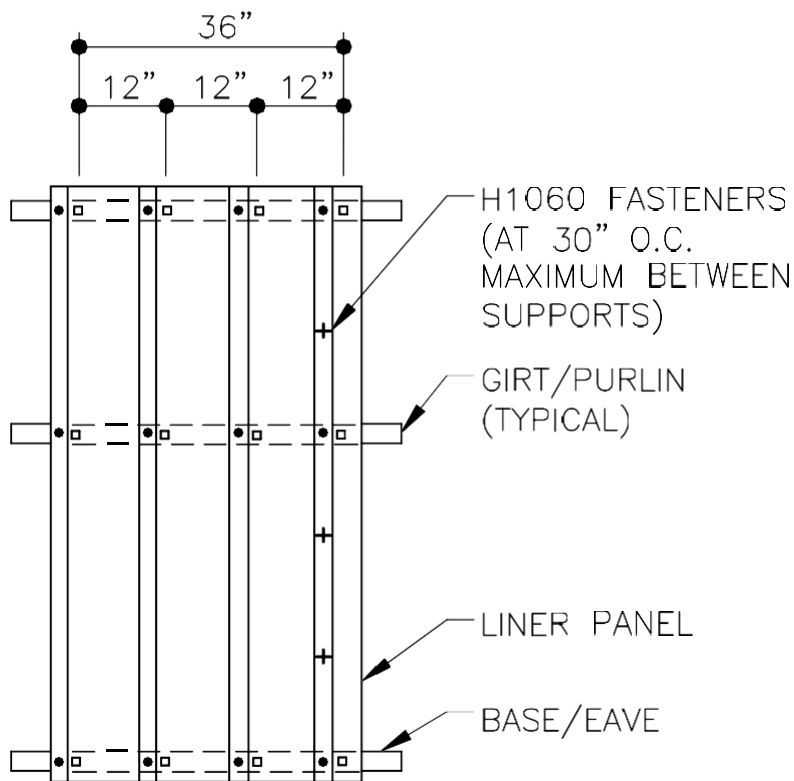
BY:

CHK: RJF



## ERECTOR NOTE:

THE ERECTION OF THE LINER PANEL MUST BE COORDINATED PROPERLY WITH THE BRACING AND BRACE STRUTS TO ENSURE PROPER FIT-UP. IT IS THE ERECTOR'S RESPONSIBILITY TO ENSURE THAT THE STRUCTURE IS ADEQUATELY BRACED DURING THE ERECTION PROCESS. TEMPORARY REMOVAL OF BRACING AND BRACE STRUTS IS ACCEPTABLE FOR LINER PANEL ERECTION, PROVIDED ADEQUATE TEMPORARY BRACING IS USED.



### FASTENER CHART

- + STITCH FASTENER H1060
- STRUCTURAL FASTENER H1040 AT "CLASSIC" PANEL
- STRUCTURAL FASTENER H1040 AT "REVERSE CLASSIC" H1040 AT "ACCENT" PANEL

IA0070

## WALL AND CEILING LINER PANEL ERECTION NOTES

(PANELS 36" NET LAY)

LAST REVISION

DATE: 08/11/04

KMC

DATE:

BY: CHK:

IA0070.DWG

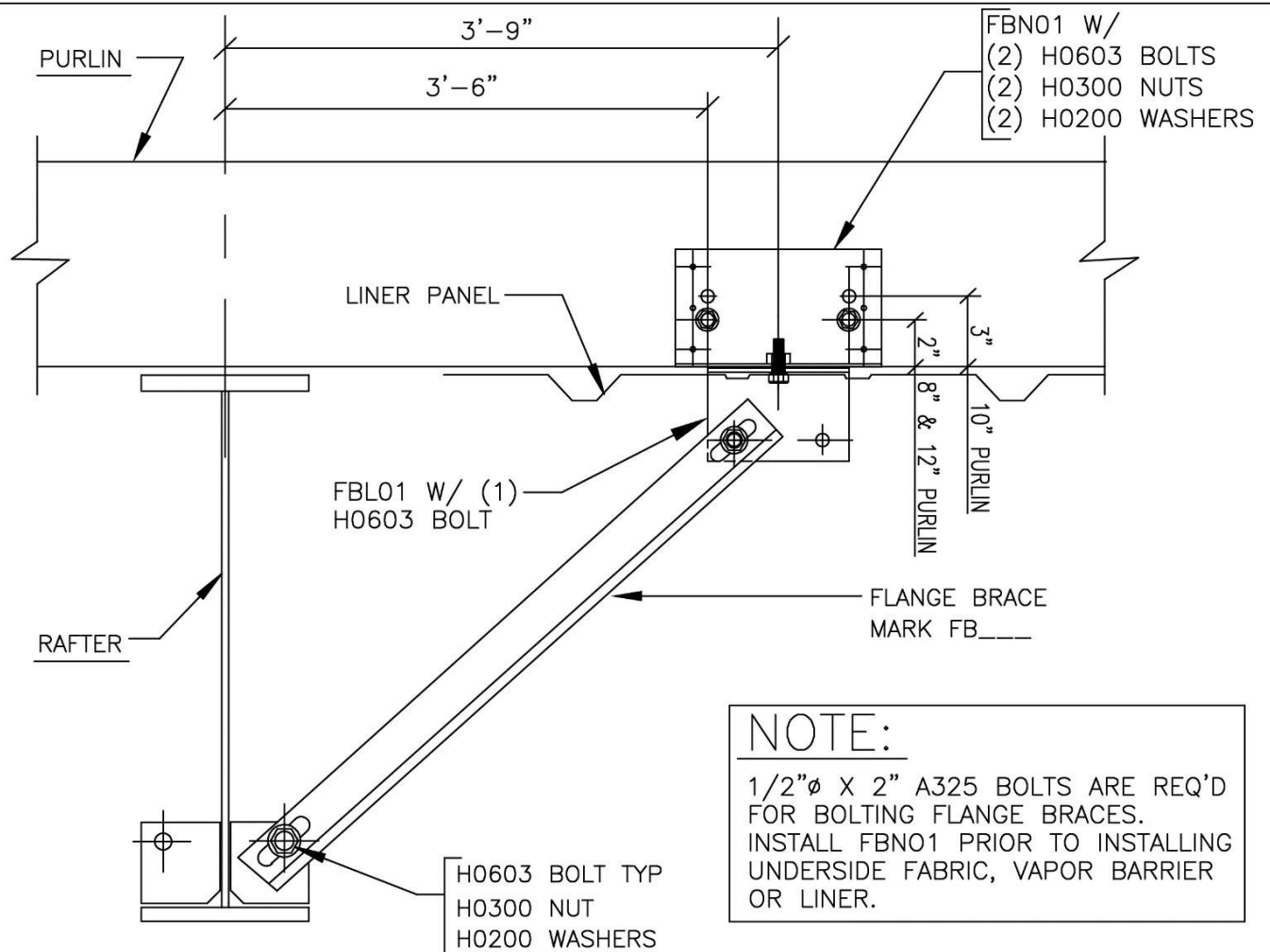
**AG0130 – FLANGE BRACE @ PURLIN AND RAFTER W/ LINER**

DATE: **7.5.5**  
BY:           CHK:

DETAIL NAME IF APPLICABLE

NOTE: FIELD DRILL HOLE IN LINER PANEL AT THROUGH BOLT LOCATIONS.

FIELD CUT &/OR FLATTEN PANEL RIB IF INTERFERENCE WITH FLANGE BRACE CLIP OCCURS



AG0130

## TYP FLANGE BRACE @ PURLIN & RAFTER

NOTES: SEE PLANS AND ELEVATIONS FOR FLANGE BRACE PART MARKS

DETAIL NAME IF APPLICABLE

DATE:  
BY: KMC CHK:

**7.5.6**

LAST REVISION

02/23/17

EGB

AES

**AG0130.DWG**

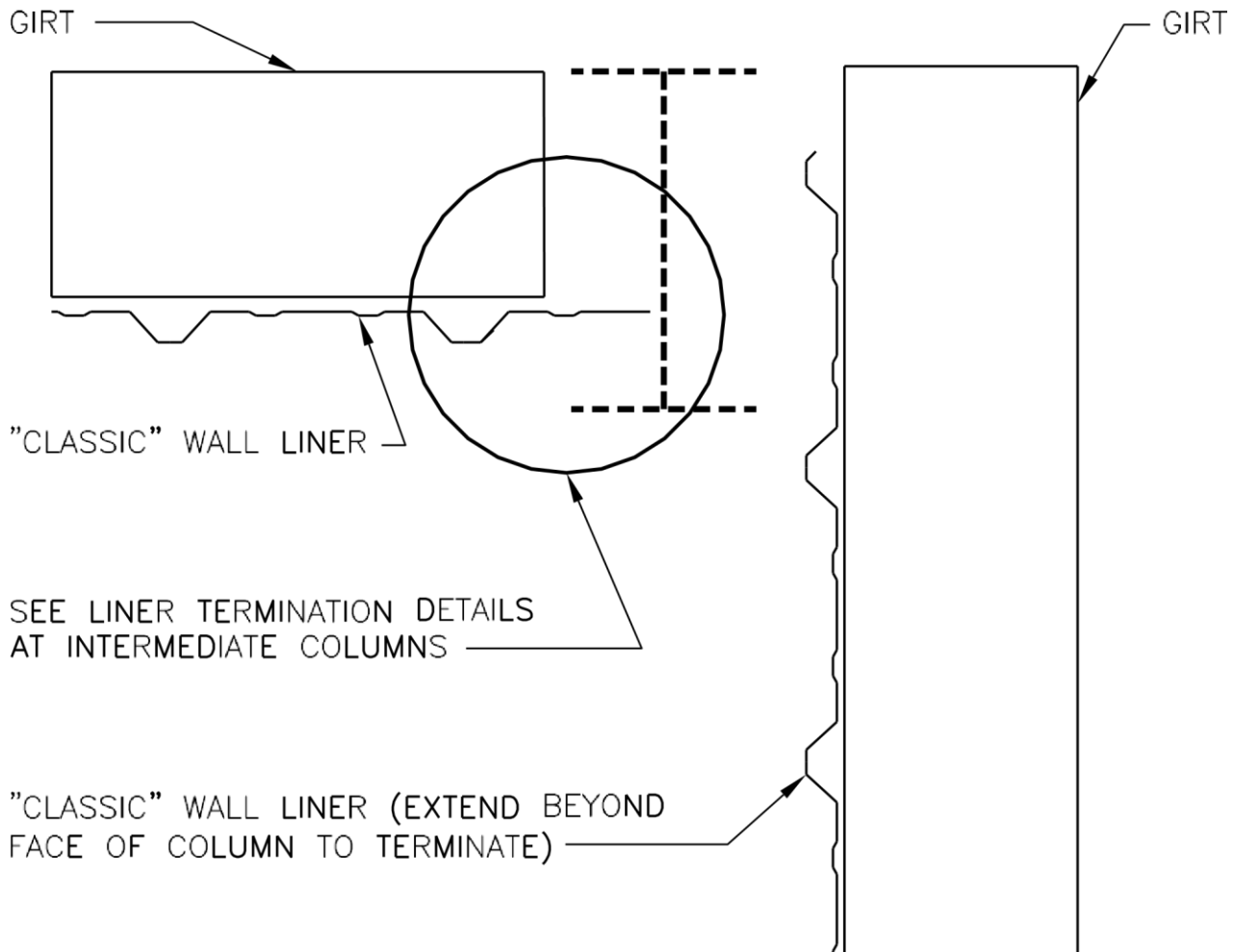
**IA0040 – POST AND BEAM ENDWALL CORNER COLUMN (CLASSIC WALL)**

BY:

CHK: RJF

**7.5.7**

DETAIL NAME IF APPLICABLE



## "CLASSIC" LINER INSIDE CORNER

PANEL TERMINATION AT CORNER COLUMNS

**IA0040**

DATE:  
BY: KMC CHK:

**7.5.8**

DETAIL NAME IF APPLICABLE



LAST REVISION

DATE: 04/14/14

AES

**IA0040.DWG**

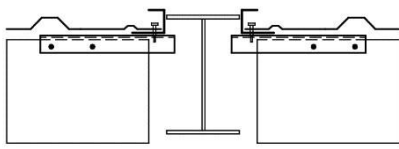
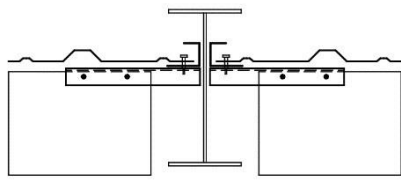
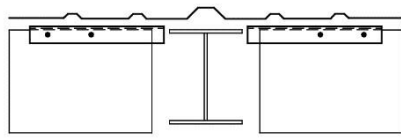
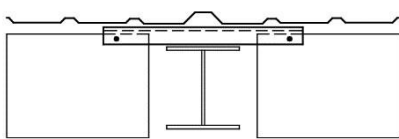
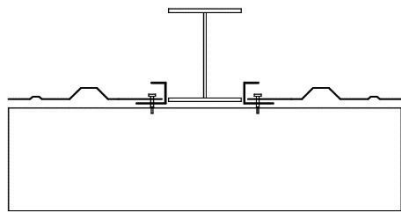
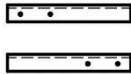


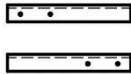


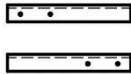


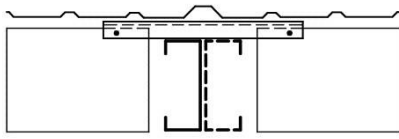
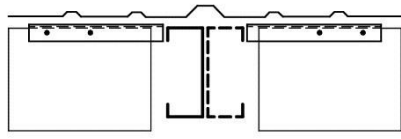
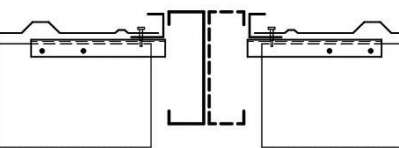
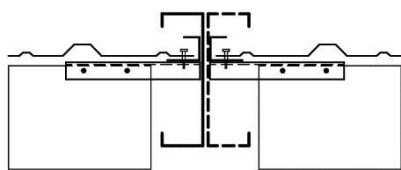
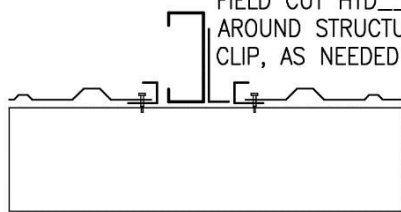
**IA0010 – PANEL TERMINATION @ INTERIOR COLUMNS (CLASSIC WALL)**

BY: CHK: RJF

**7.5.9**

DETAIL NAME IF APPLICABLE



 <p><b>BUILT UP COLUMN</b> (FLANGE EXTENDS PAST INSIDE FACE OF GIRT)</p>	 <p><b>BUILT UP COLUMN</b> (FLANGE EXTENDS PAST INSIDE FACE OF GIRT)</p>	 <p><b>BUILT UP COLUMN</b> (FLANGE FLUSH TO INSIDE FACE OF GIRT)</p>										
 <p><b>BUILT UP COLUMN</b> (FLANGE INSET TO INSIDE FACE OF GIRT)</p>	 <p><b>BUILT UP COLUMN OR RAFTER</b> (GIRT OR PURLIN BYPASSES FRAME)</p>	<table><tr><td colspan="2"><b>PARTS LEGEND</b></td></tr><tr><td></td><td>MAG01 GIRT ANGLE WITH (2) H1020 FASTENERS</td></tr><tr><td></td><td>MAG02 GIRT ANGLE WITH (2) H1020 FASTENERS</td></tr><tr><td></td><td>HTD____ H1040 EACH SUPPORT, H1060 30" O.C. BETWEEN</td></tr><tr><td></td><td></td></tr></table>	<b>PARTS LEGEND</b>			MAG01 GIRT ANGLE WITH (2) H1020 FASTENERS		MAG02 GIRT ANGLE WITH (2) H1020 FASTENERS		HTD____ H1040 EACH SUPPORT, H1060 30" O.C. BETWEEN		
<b>PARTS LEGEND</b>												
	MAG01 GIRT ANGLE WITH (2) H1020 FASTENERS											
	MAG02 GIRT ANGLE WITH (2) H1020 FASTENERS											
	HTD____ H1040 EACH SUPPORT, H1060 30" O.C. BETWEEN											
 <p><b>SINGLE OR DOUBLE CEE COLUMN</b> (FLANGE INSET TO INSIDE FACE OF GIRT)</p>	 <p><b>SINGLE OR DOUBLE CEE COLUMN</b> (FLANGE FLUSH TO INSIDE FACE OF GIRT)</p>											
 <p><b>SINGLE OR DOUBLE CEE COLUMN</b> (FLANGE EXTENDS PAST INSIDE FACE OF GIRT)</p>	 <p><b>SINGLE OR DOUBLE 12" CEE COLUMN</b> (FLANGE EXTENDS PAST INSIDE FACE OF GIRT)</p>	 <p>FIELD CUT HTD____ AROUND STRUCTURAL CLIP, AS NEEDED</p> <p><b>SINGLE CEE COLUMN</b> (GIRT BYPASSES FRAME)</p>										
<p><b>"CLASSIC" LINER TERMINATION DETAILS AT INTERMEDIATE COLUMNS</b></p>												

IA0010

IA0010

DATE: 7.5.10  
BY: KMC CHK:

IA0010



## PRODUCT & ENGINEERING MANUAL

LAST REVISION

06/15/18

RJF

**IA0010.DWG**

BY:

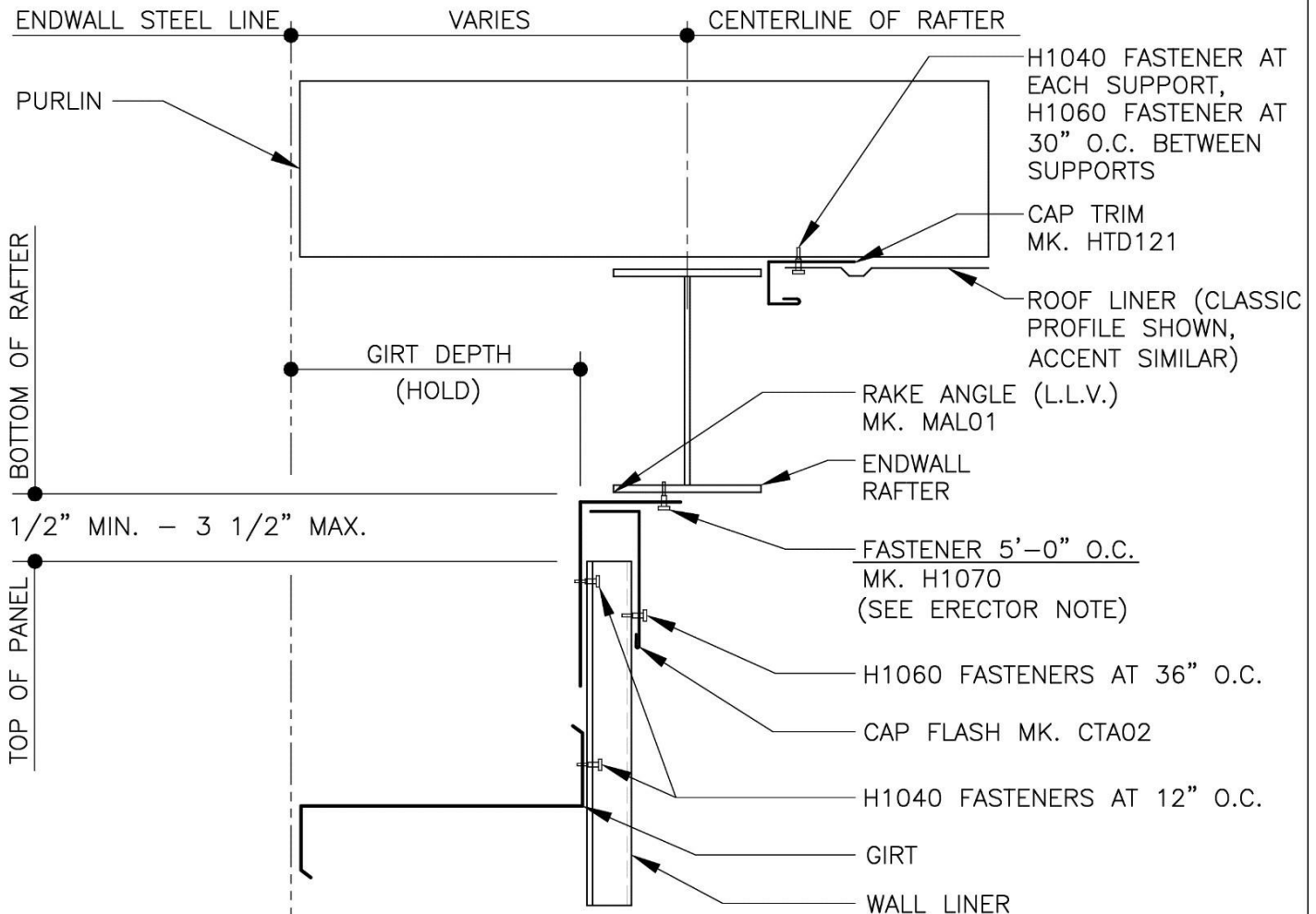
CHK: RJF

**7.5.11**

DETAIL NAME IF APPLICABLE

**IE0040 – WALL & ROOF LINER @ BYPASS POST AND BEAM ENDWALL**

**ERECTOR NOTE:** WHEN FLANGE THICKNESS EXCEEDS 1/2", A 3/16" PILOT HOLE IS REQUIRED AT RAKE ANGLE TO RAFTER ATTACHMENT.



## LINER PANEL AT RAKE DETAIL

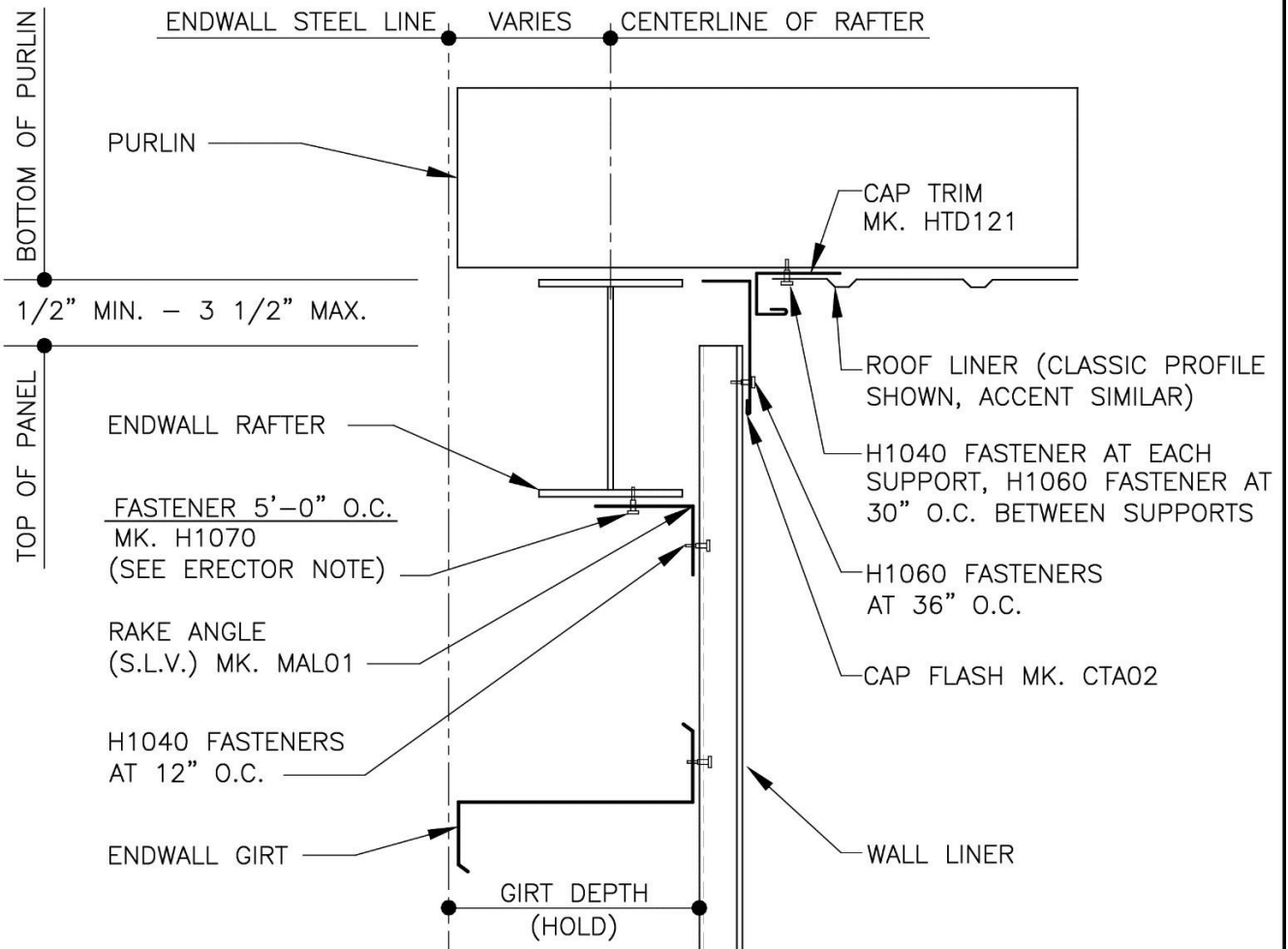
FULL HEIGHT WALL LINER AT BYPASS ENDWALL GIRTS WITH CEILING LINER (POST AND BEAM ENDWALL)

**IE0040**

**IE0040.DWG**

**IE0041 – WALL & ROOF LINER @ FLUSH/INSET POST AND BEAM ENDWALL**

**ERECTOR NOTE:** WHEN FLANGE THICKNESS EXCEEDS 1/2", A 3/16" PILOT HOLE IS REQUIRED AT RAKE ANGLE TO RAFTER ATTACHMENT.



## LINER PANEL AT RAKE DETAIL

FULL HEIGHT WALL LINER AT INSET/FLUSH GIRTS  
WITH CEILING LINER (POST AND BEAM ENDWALL)

**IE0041**

LAST REVISION

DETAIL NAME IF APPLICABLE

DATE: 06/15/18

**7.5.15**

BY: KMC CHK: RJF

IE0041



## PRODUCT & ENGINEERING MANUAL

LAST REVISION

DETAIL NAME IF APPLICABLE

06/15/18

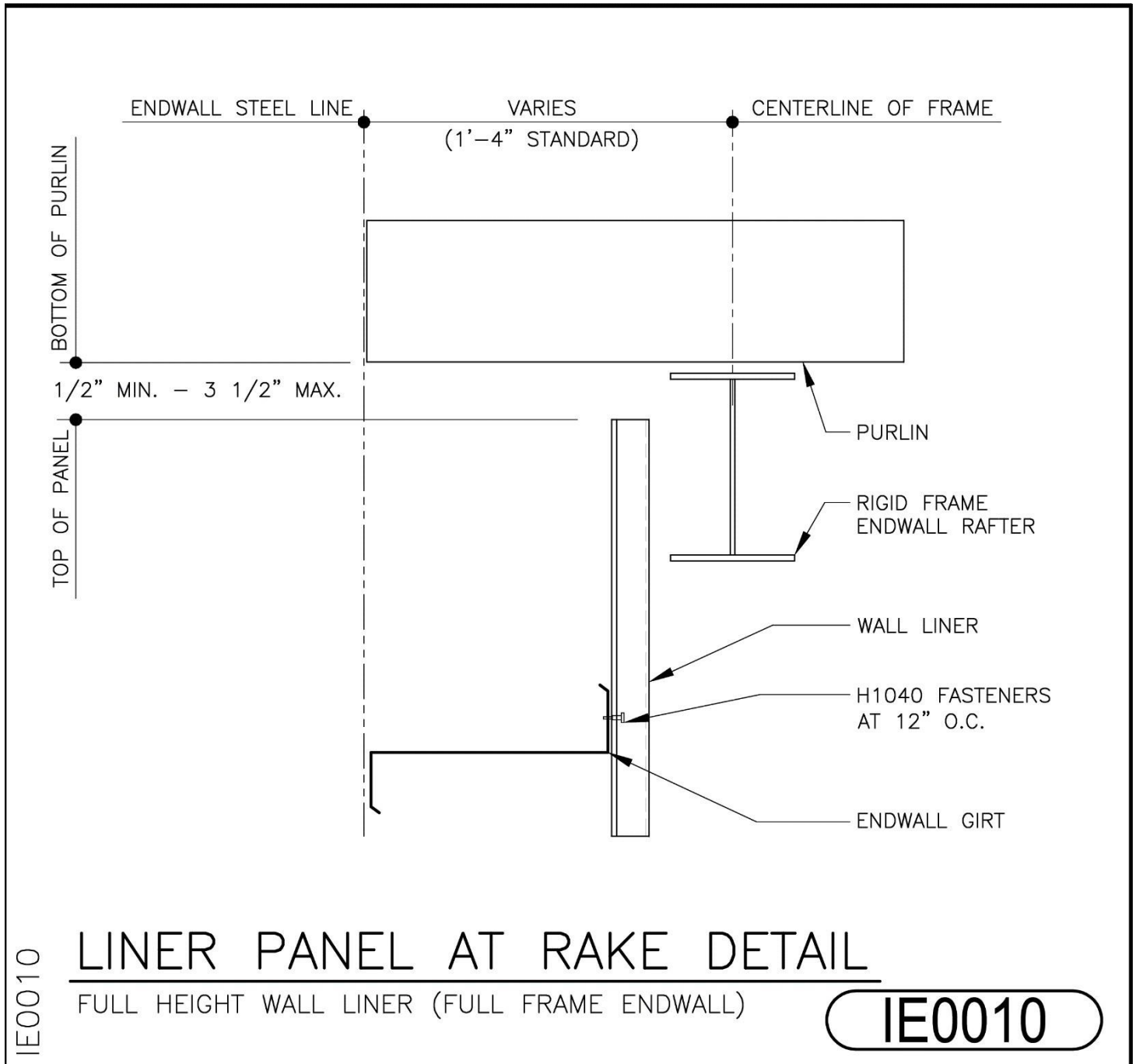
**IE0041.DWG**

BY: CHK: RJF

**IE0010 – WALL LINER @ RIGID FRAME ENDWALL**

DATE: **7.5.16** KMC







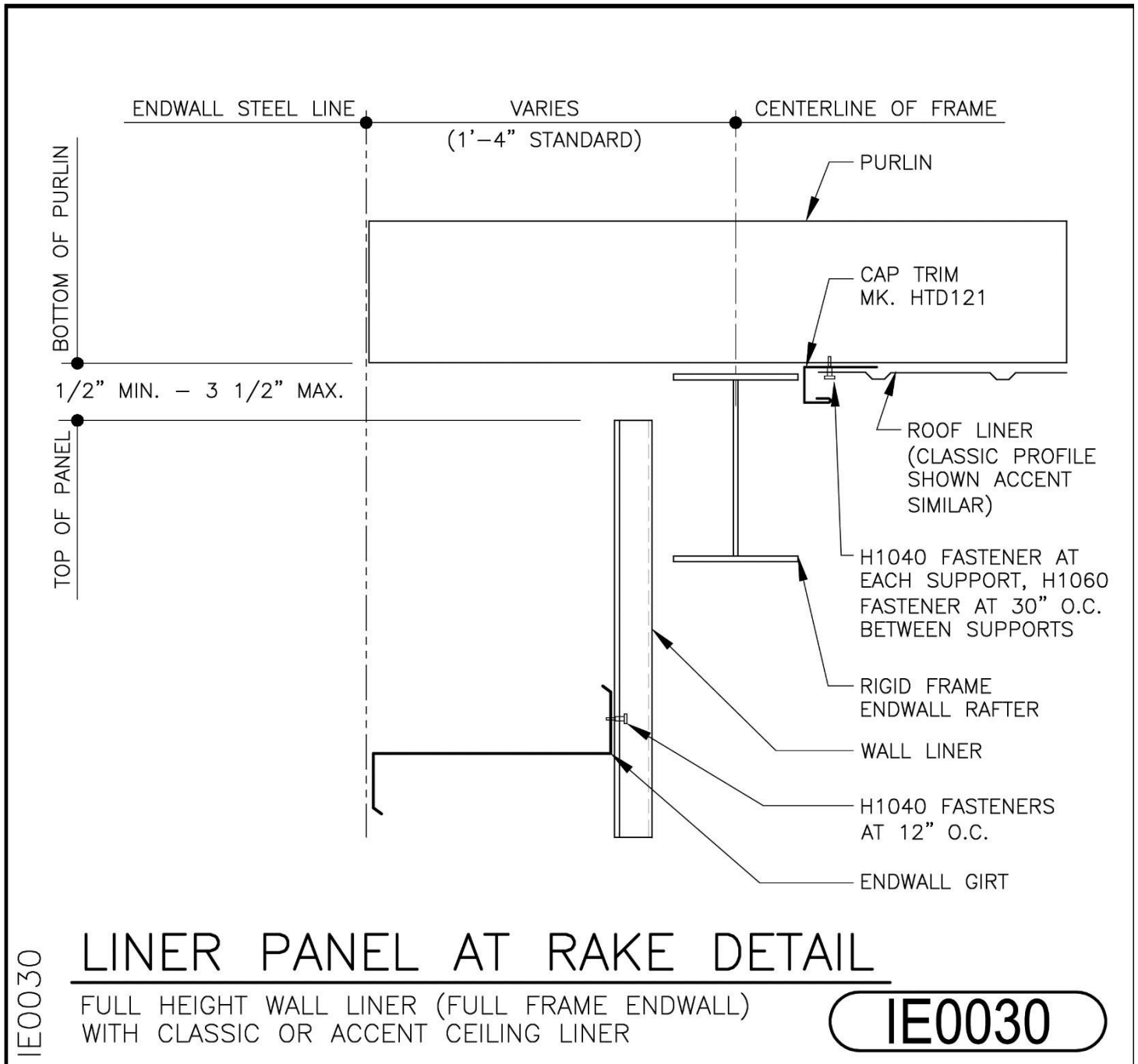
## PRODUCT & ENGINEERING MANUAL

IE0010.DWG

**IE0030 – WALL & ROOF LINER @ RIGID FRAME ENDWALL**

LAST REVISION DETAIL NAME IF APPLICABLE

DATE: **7.5.19**  
BY: KMC



DATE: **7.5.20**

BY: KMC

06/15/18

CHK: RJF

**IE0030.DWG**

**ID0010 – LOW EAVE DETAIL**

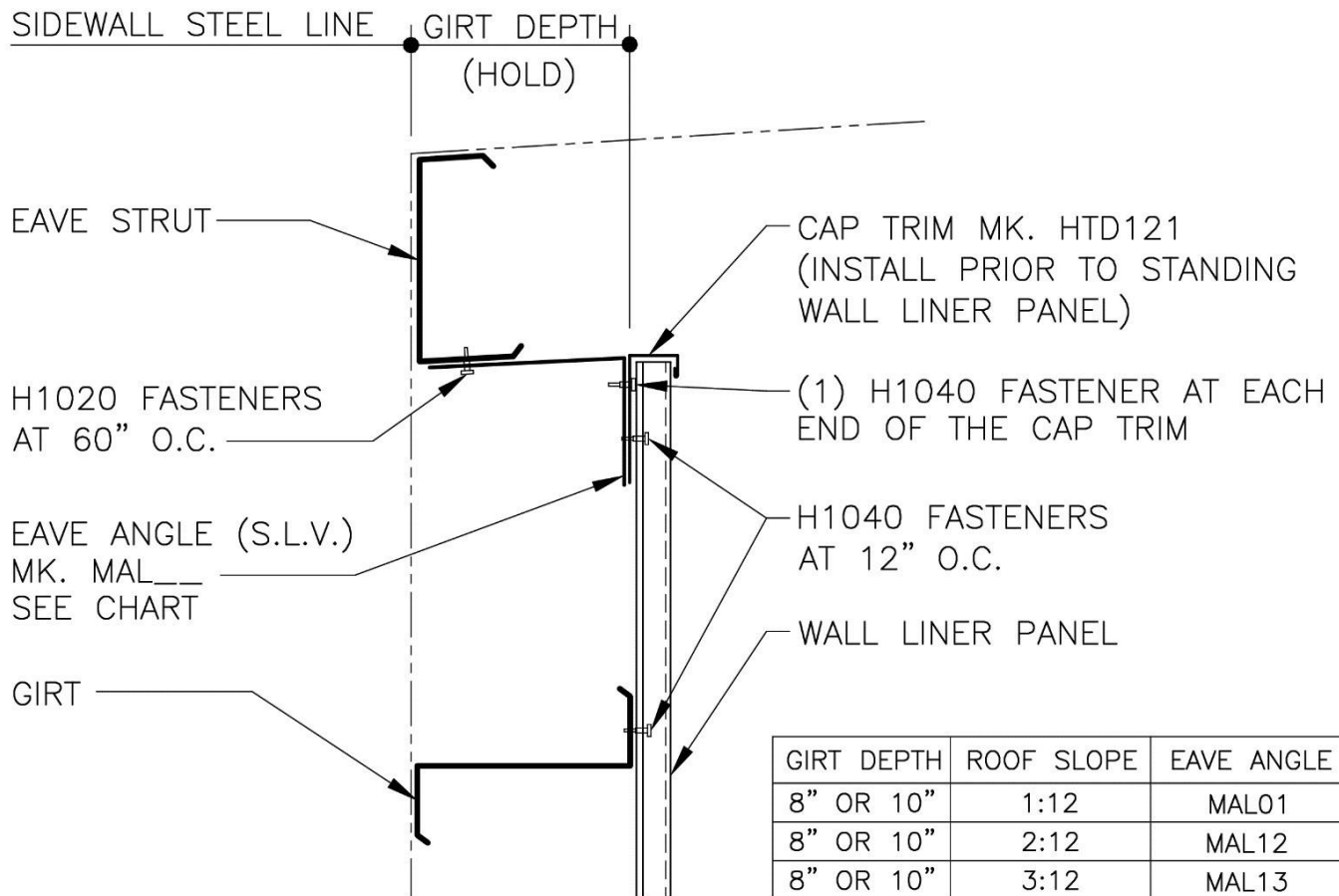
LAST REVISION

DATE: 06/15/18

BY: KMC CHK: RJF

DETAIL NAME IF APPLICABLE

**7.5.21**



GIRT DEPTH	ROOF SLOPE	EAVE ANGLE
8" OR 10"	1:12	MAL01
8" OR 10"	2:12	MAL12
8" OR 10"	3:12	MAL13
8" OR 10"	4:12	MAL14
12"	1:12	MAL15
12"	2:12	MAL16
12"	3:12	MAL17
12"	4:12	MAL18

## LOW EAVE LINER PANEL DETAIL

FULL HEIGHT LINER (FOR SLOPES  $\leq$  TO 4:12)

**ID0010**

ID0010

DATE: **7.5.22**

BY: KMC



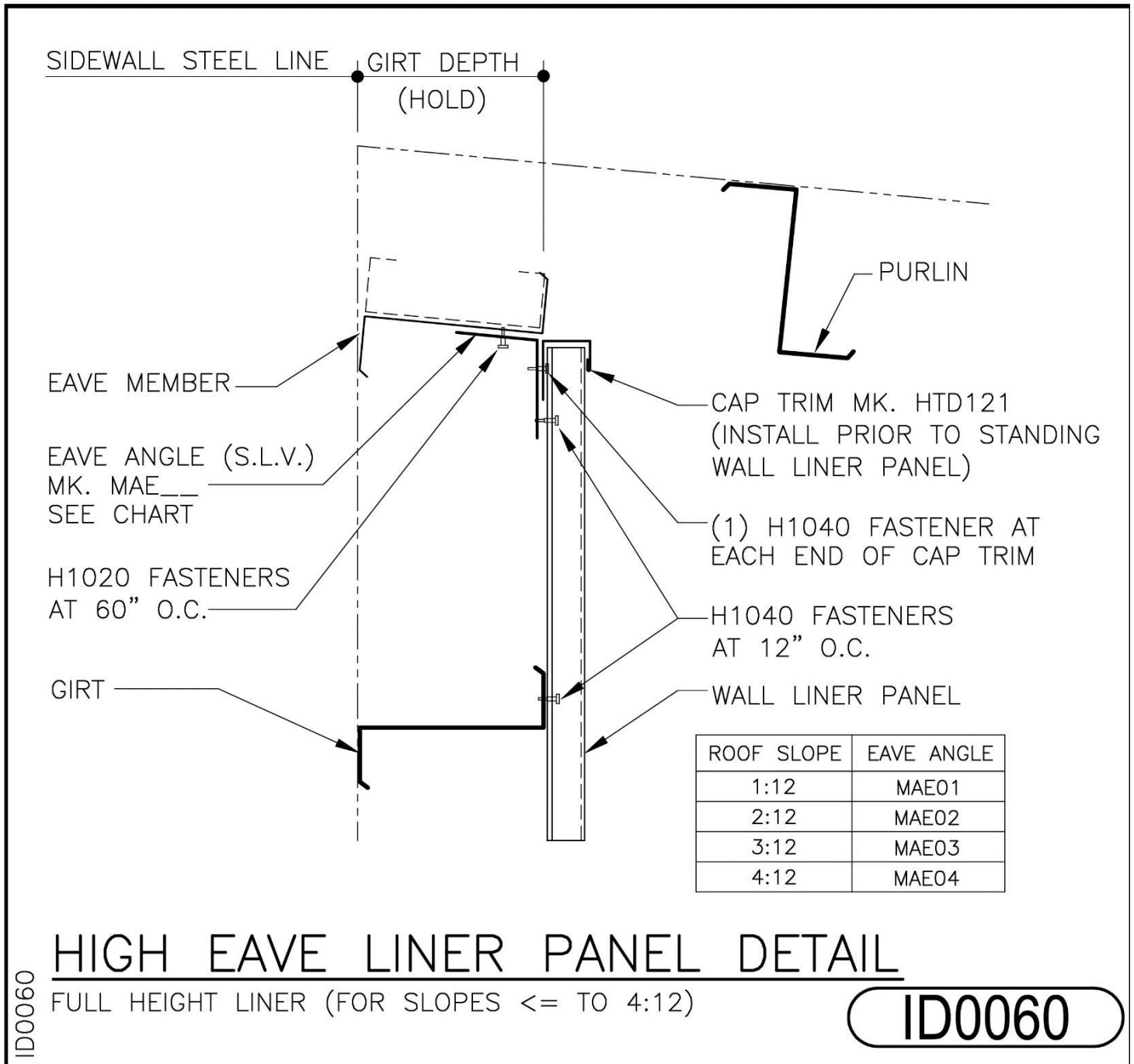
## PRODUCT & ENGINEERING MANUAL

ID0010.DWG

ID0060 – HIGH EAVE DETAIL

LAST REVISION  
DATE: 06/15/18  
BY: KMC CHK: RJF

DETAIL NAME IF APPLICABLE  
**7.5.23**



DATE: **7.5.24**

BY: KMC





## PRODUCT & ENGINEERING MANUAL

06/15/18

CHK: EGB

**ID0060.DWG**

LAST REVISION

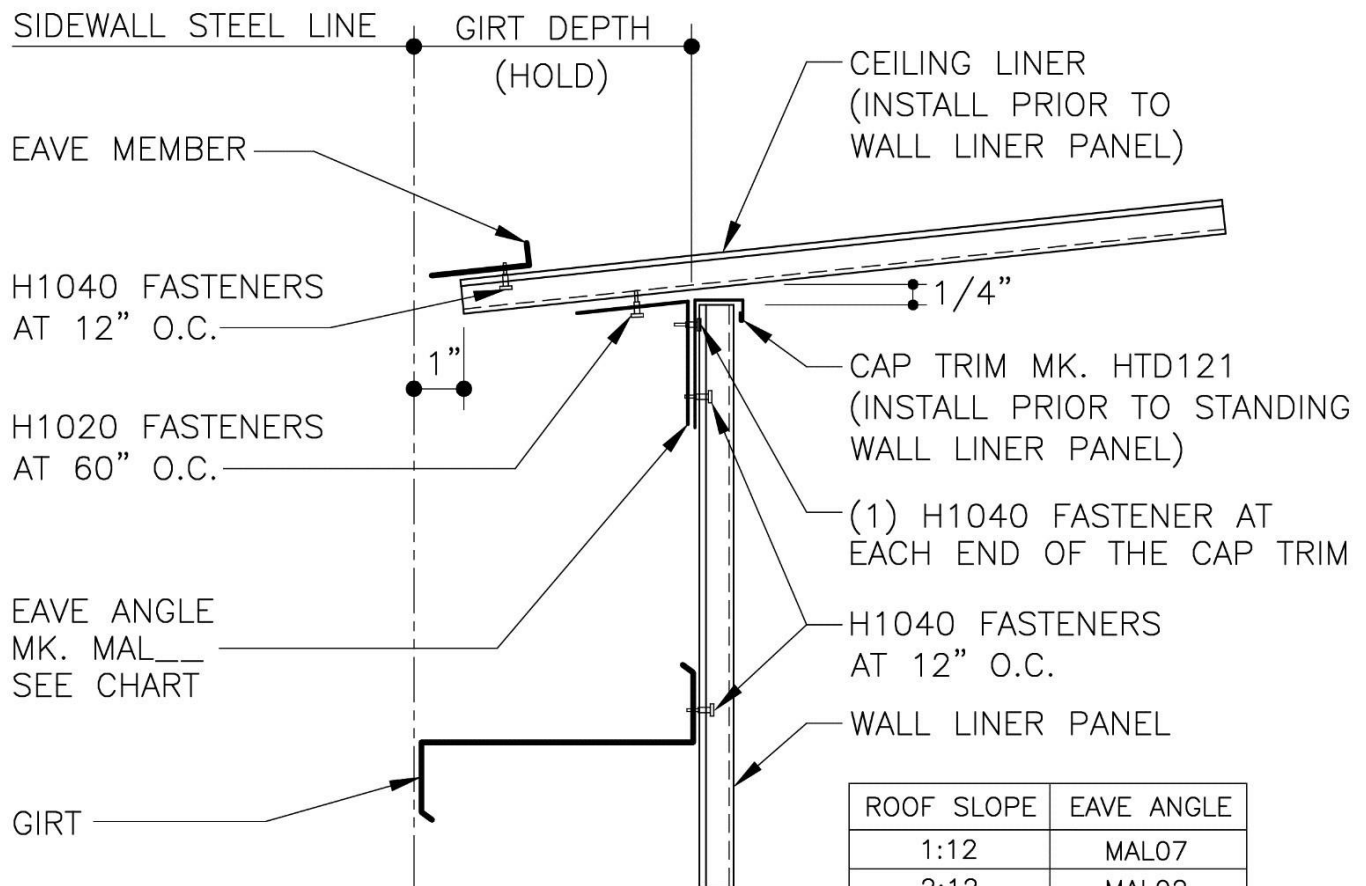
DATE: 06/15/18

BY: KMC CHK: RJF

DETAIL NAME IF APPLICABLE

**7.5.25**

**ID0050 – LOW EAVE W/ WALL & ROOF LINER**



## LOW EAVE LINER PANEL DETAIL

FULL HEIGHT LINER WITH CEILING LINER  
(FOR SLOPES <= TO 4:12)

**ID0050**

LAST REVISION

DATE: 06/15/18

**ID0050.DWG**

**IF0010 – RIDGE LINER PANEL DETAIL**

ERECTOR NOTE:

EXTEND THE LINER PANEL PAST CENTERLINE ON ONE SIDE OF THE RIDGE, ENOUGH TO NEST INSIDE OF MATING PANEL. THE PANEL LOCATION AT THE LAP OR EAVE WILL VARY DUE TO THE PANEL OFFSET.

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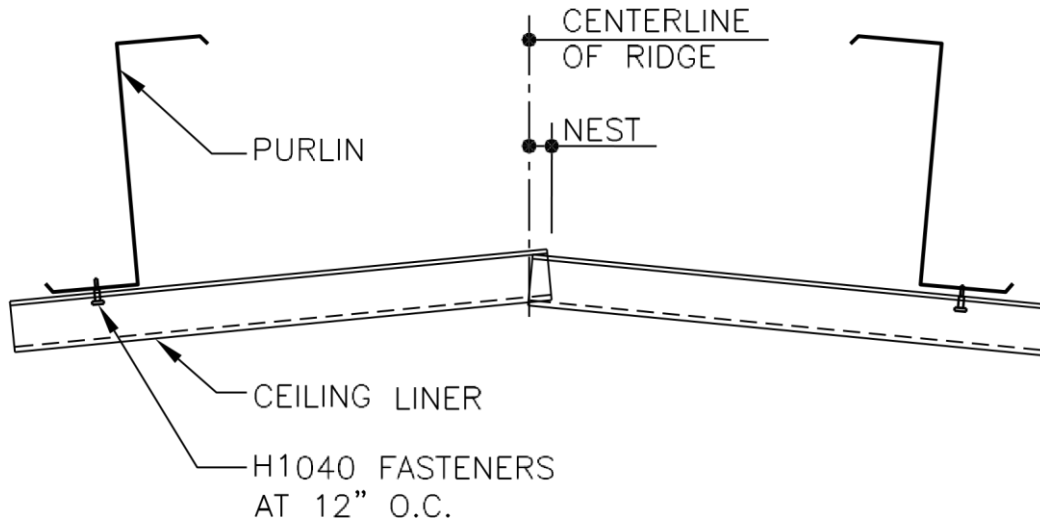
LAST REVISION

DATE: 04/14/14

BY: AES CHK: RJF

DETAIL NAME IF APPLICABLE

**7.5.28**



## RIDGE LINER PANEL DETAIL

ROOF LINER ( $\leq 1:12$  SLOPE)

IF0010

LAST REVISION

DATE: 04/14/14

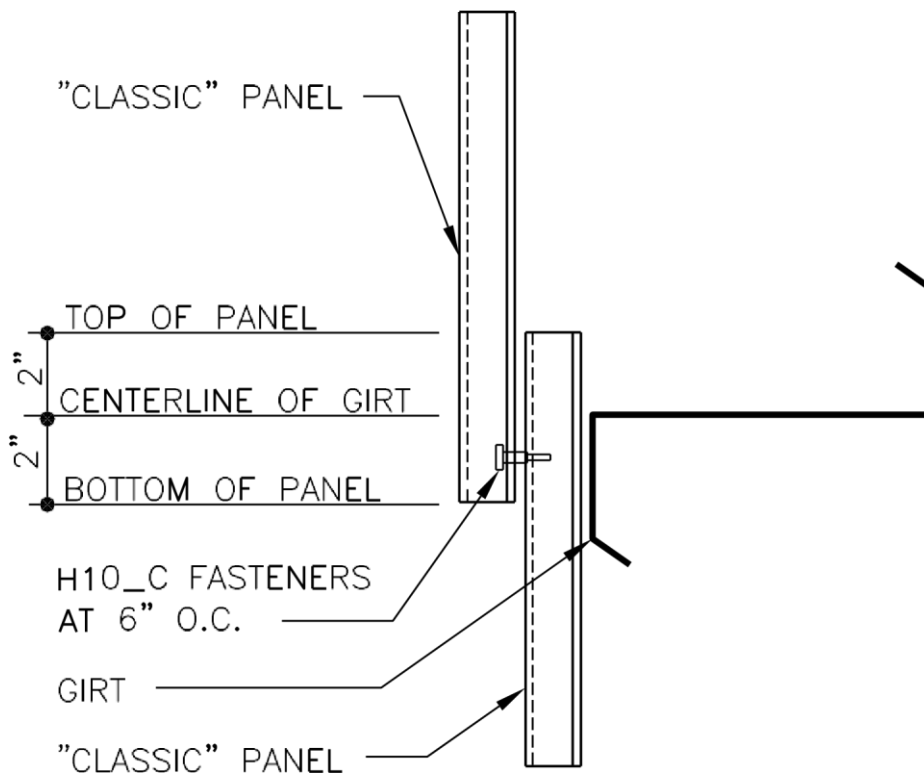
BY: AES CHK: RJF

DETAIL NAME IF APPLICABLE

**7.5.29**

IF0010.DWG

**GA0052 – CLASSIC WALL – SIDING LAP**



LAST REVISION

DATE: 04/14/14

BY: AES CHK: RJF

DETAIL NAME IF APPLICABLE

**7.5.30**

# STANDARD WALL PANEL LAP

"CLASSIC" PANEL

**GA0052**

**GA0052.DWG**

**IA0080 – ROOF LINER PANEL LAP DETAIL**

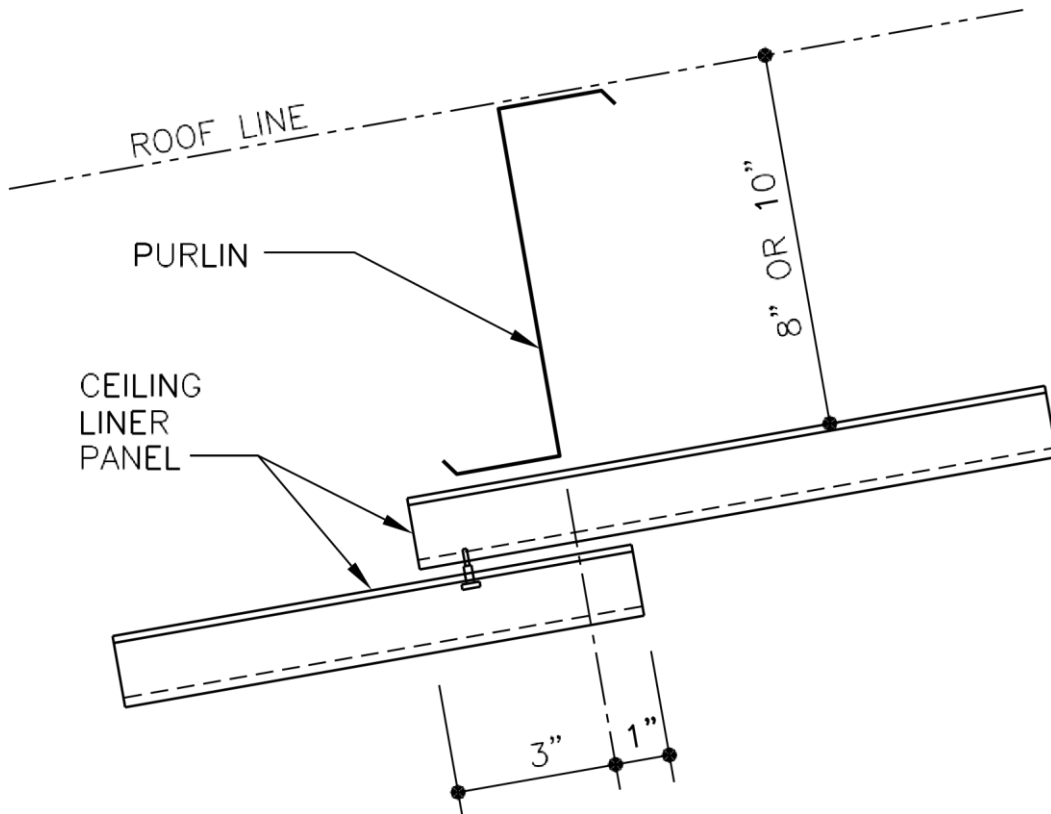
LAST REVISION

DATE: 04/14/14

BY: AES CHK: RJF

DETAIL NAME IF APPLICABLE

**7.5.31**



## CEILING LINER PANEL LAP DETAIL

IA0080

LAST REVISION

DATE: 04/14/14

BY: AES CHK: RJF

DETAIL NAME IF APPLICABLE

**7.5.32**





## PRODUCT & ENGINEERING MANUAL

**IA0080.DWG**

**IC0020 – FINISHED FLOOR BASE DETAIL W/ BASE CHANNEL**

LAST REVISION

DATE: 04/14/14

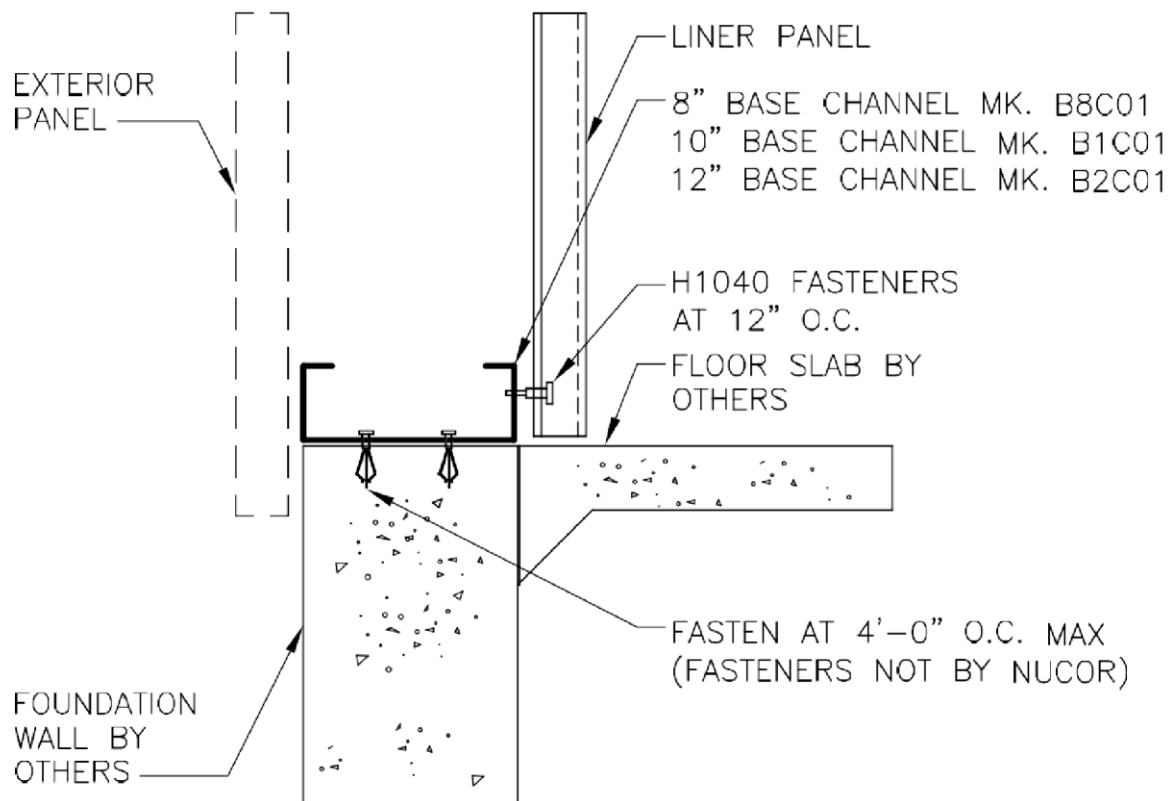
BY: AES CHK: RJF

DETAIL NAME IF APPLICABLE

**7.5.33**

### ERECTOR NOTE:

PANEL SCREWS MUST ENGAGE THE BASE CHANNEL, FIELD NOTCHING OF THE BASE CHANNEL MAY BE REQUIRED AT THE COLUMNS AND CORNERS



## FINISHED FLOOR BASE DETAIL

LINER PANEL WITH BASE CHANNEL

**IC0020**

LAST REVISION

DATE: 04/14/14

BY: AES CHK: RJF

DETAIL NAME IF APPLICABLE

**7.5.34**



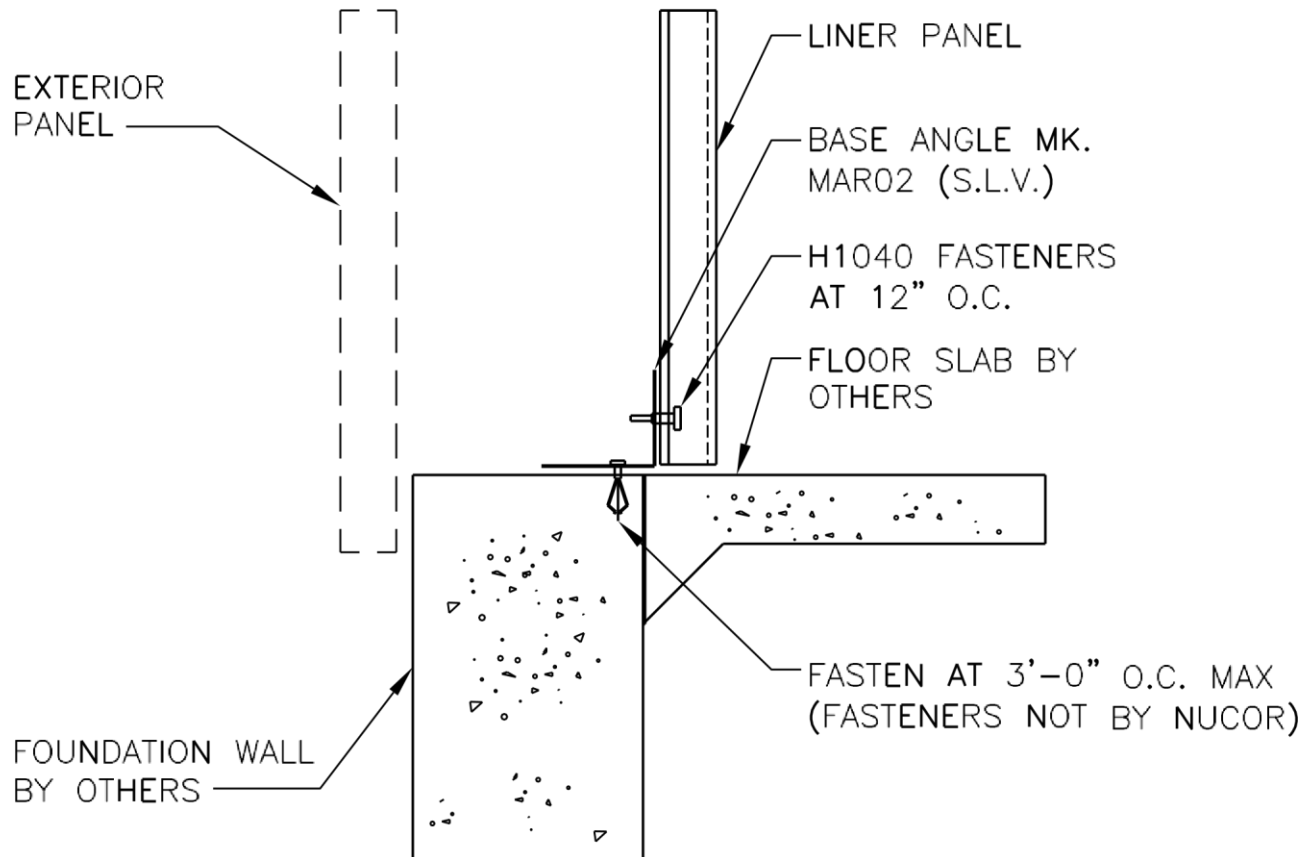
## PRODUCT & ENGINEERING MANUAL

IC0020.DWG

LAST REVISION  
DATE: 04/14/14  
BY: AES CHK: RJF

DETAIL NAME IF APPLICABLE  
**7.5.35**

**IC0010 – FINISHED FLOOR BASE DETAIL W/ BASE ANGLE**



**FINISHED FLOOR BASE DETAIL**

LINER PANEL WITH BASE ANGLE

**IC0010**



LAST REVISION

DETAIL NAME IF APPLICABLE

DATE: 04/14/14

IC0010.DWG

BY: AES CHK: RJF

PRODUCT & ENGINEERING MANUAL

IC0040 – CURB WALL W/ BASE CHANNEL

LAST DETAIL

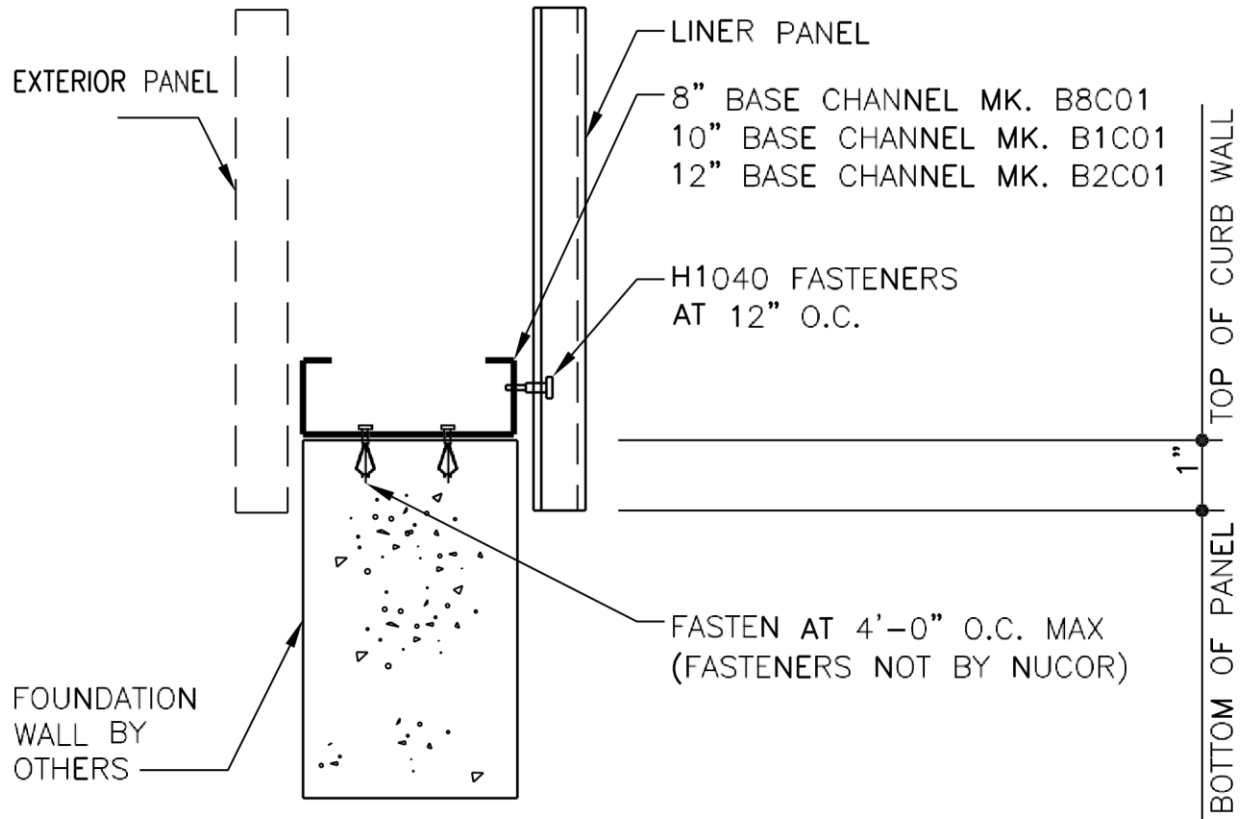
APPLICABLE

DATE: 7.5.37

BY: AES CHK:

## ERECTOR NOTE:

PANEL SCREWS MUST ENGAGE THE BASE CHANNEL, FIELD NOTCHING OF THE BASE CHANNEL MAY BE REQUIRED AT THE COLUMNS AND CORNERS



## TOP OF CURB WALL DETAIL

LINER PANEL WITH BASE CHANNEL

IC0040

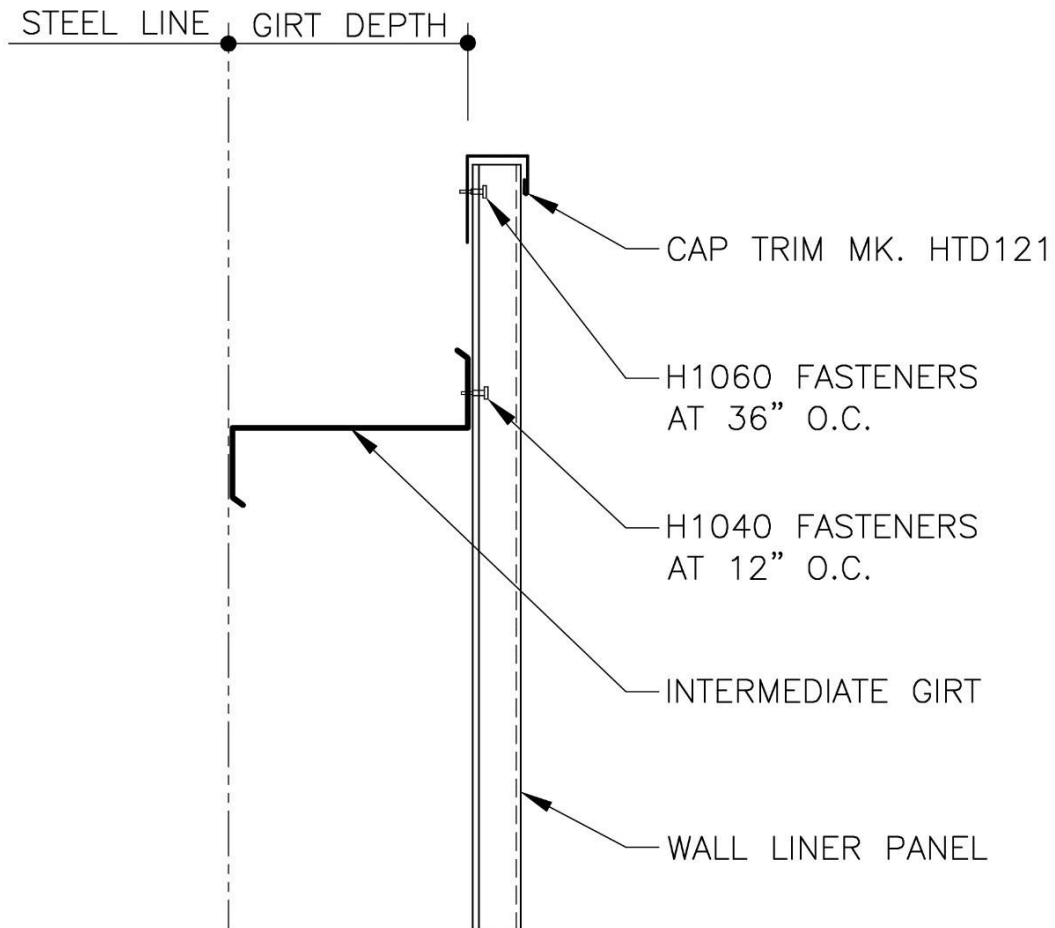


REVISION  
5/15/14

NAME IF  
**IC0040.DWG**

PRODUCT & ENGINEERING MANUAL

ID0100 – CAP TRIM @ PARTIAL HEIGHT WALL LINER



## PARTIAL HEIGHT LINER PANEL

PARTIAL HEIGHT WALL LINER

**ID0100**





LAST REVISION

DATE: 06/15/18

BY: KMC CHK: RJF

DETAIL NAME IF  
APPLICABLE

**ID0100.DWG**

LAST DETAIL

DATE: **7.5.41**

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

APPLICABLE



## PRODUCT & ENGINEERING MANUAL

### IG0050 – FRAMED OPENING JAMB DETAIL @ CLASSIC LINER

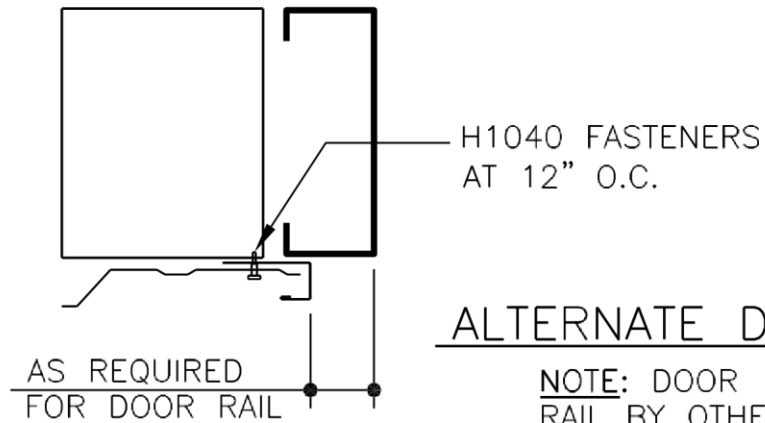
LAST REVISION DETAIL

DATE: 04/14/14

BY: AES CHK: RJF

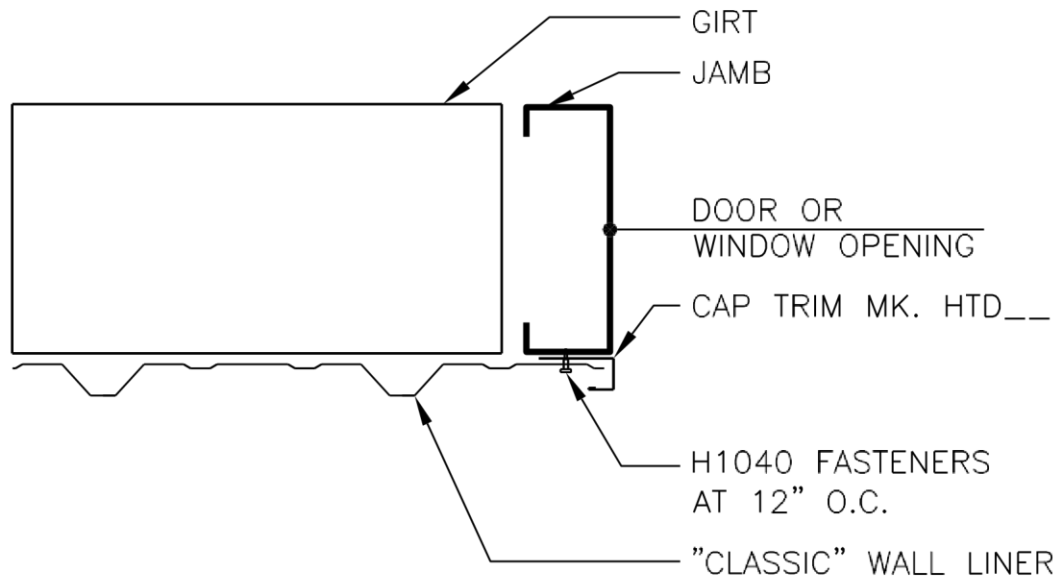
APPLICABLE

**7.5.42**



### ALTERNATE DETAIL

NOTE: DOOR  
RAIL BY OTHERS



### JAMB DETAIL

"CLASSIC" WALL LINER

**IG0050**

LAST REVISION DETAIL

DATE: 04/14/14

BY: AES CHK: RJF

APPLICABLE

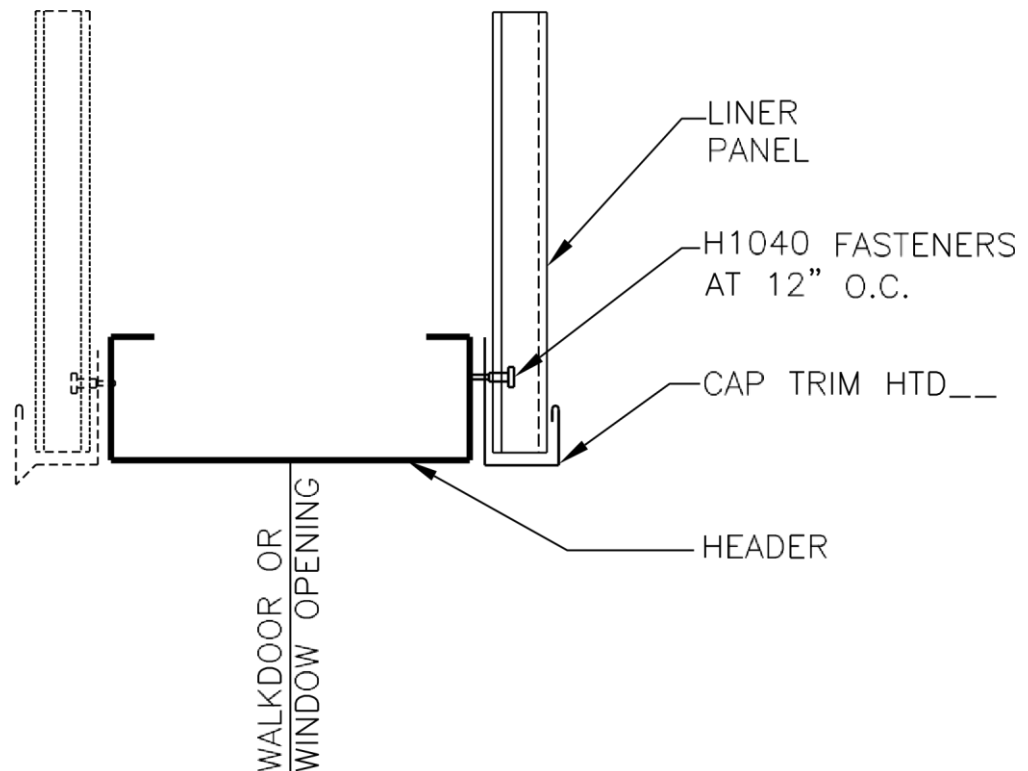
**7.5.43**

NAME IF

**IG0050.DWG**

## PRODUCT & ENGINEERING MANUAL

### IG0090 – FRAMED OPENING HEADER DETAIL @ LINER PANEL



LAST REVISION DETAIL

DATE: 04/14/14

BY: AES CHK: RJF

APPLICABLE

**7.5.44**

## HEADER DETAIL

AT WALKDOOR OR WINDOW WITH LINER PANEL

**IG0090**

NAME IF

**IG0090.DWG**

**PRODUCT & ENGINEERING MANUAL**

**IG0100 – FRAMED OPENING SILL DETAIL @ LINER PANEL**

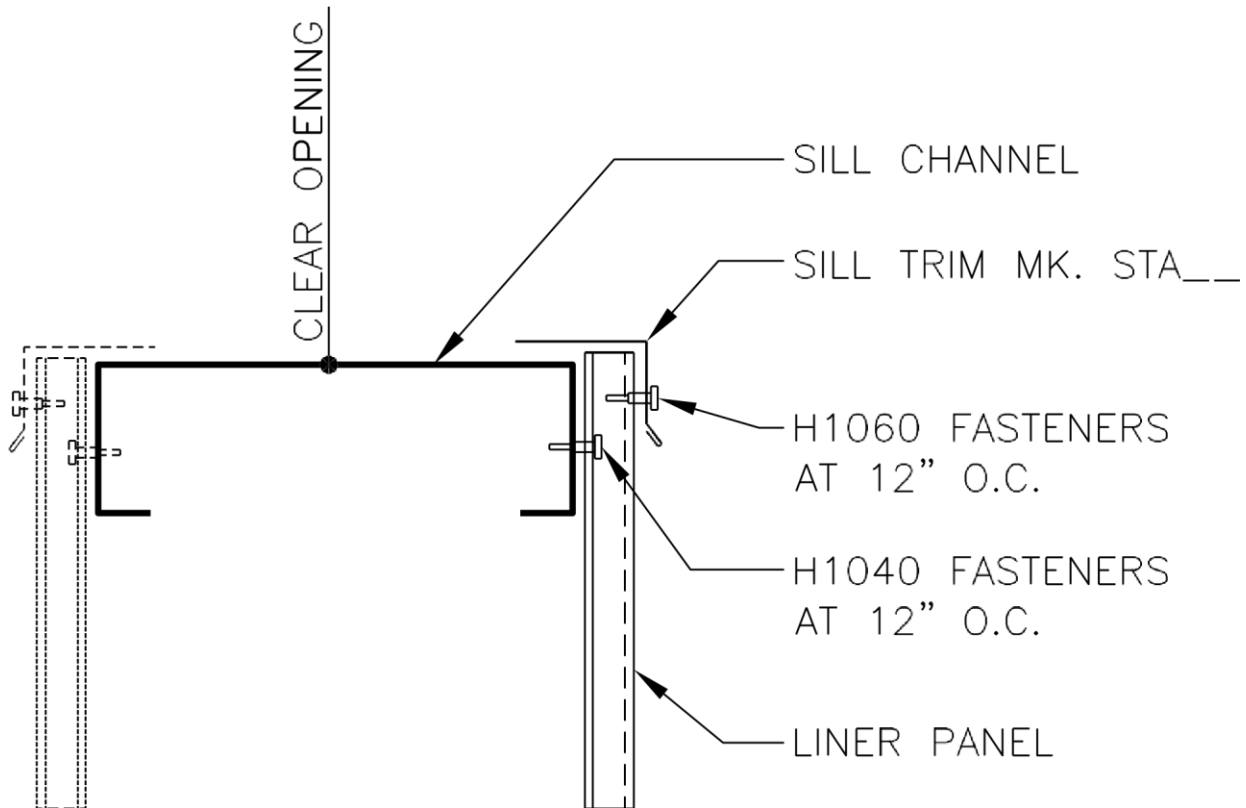
LAST REVISION DETAIL

DATE: 04/14/14

BY: AES CHK: RJF

APPLICABLE

**7.5.45**



LAST REVISION DETAIL

DATE: 04/14/14

BY: AES CHK: RJF

APPLICABLE

**7.5.46**

# SILL DETAIL

AT LINER PANEL

IG0100

NAME IF

**IG0100.DWG**

PRODUCT & ENGINEERING MANUAL

**IG0080 – HEADER DETAIL @ FLAT STOCK LINER**

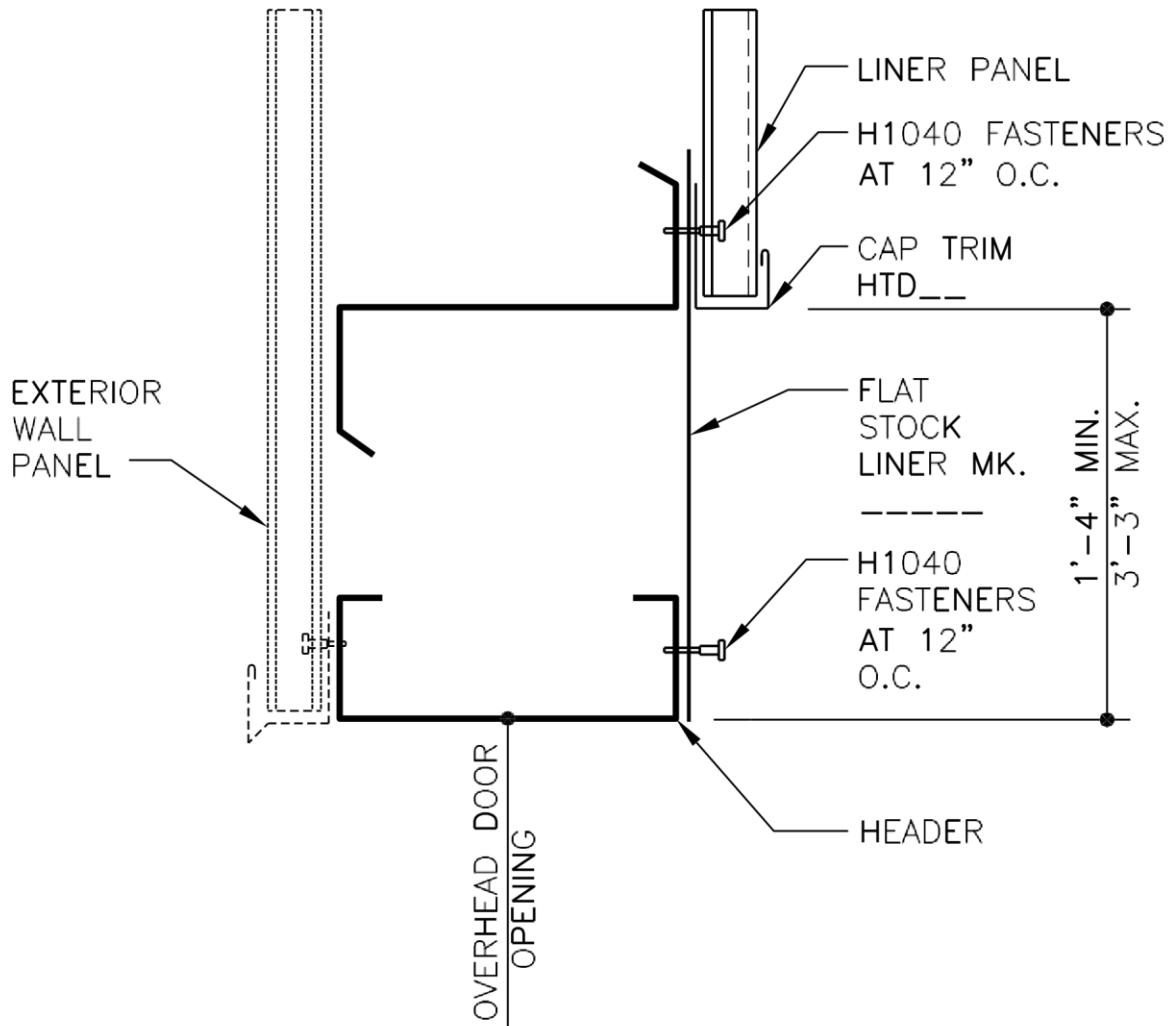
LAST REVISION DETAIL

DATE: 04/14/14

BY: AES CHK: RJF

APPLICABLE

**7.5.47**



## HEADER DETAIL

AT OVERHEAD DOOR WITH FLAT STOCK LINER

IG0080

LAST REVISION DETAIL

APPLICABLE

DATE: 04/14/14

**7.5.48**

BY: AES CHK: RJF





NAME IF

**IG0080.DWG**

LAST REVISION DETAIL

DATE: 04/14/14

BY: AES CHK: RJF

APPLICABLE

**7.5.49**