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HR3 INSULATED ROOF PANEL
FASTENER REQUIREMENTS
EA4000 – ROOF PANEL SIDE LAP

"SW-01" SADDLE WASHER W/
1/4 - 14 TEK 3 FASTENER W/
WASHER INTO SUPPORT MEMBER
AT EACH HI RIB

1/2" X 3/32" H3010
BUTYL TAPE MASTIC

FIELD APPLIED 3/8"
BEAD OF H3151 BUTYL
SEALANT IN CLIP TAB

SECONDARY MEMBER

ROOF INSTALLATION DIRECTION

ROOF PANEL JOINT (SECTION VIEW)
EA4000

HR3 INSULATED ROOF PANEL
EA4021 – PANEL END LAP

ERECTOR NOTE: FIELD DRILL/NOTCH LAP ANGLE AT PURLIN LAP BOLTS AND PURLIN BRACING AS REQUIRED

HR3 INSULATED PANEL ENDLAP

HR3 INSULATED PANEL
LOW EAVE DETAILS
ED4310 – HORIZONTAL GUTTER WITH SCULPTURED RAKE
HIGH EAVE DETAILS
EH4006 – HIGH EAVE WITH WALL PANEL

FIELD FILL W/ COMPRRESSIBLE OR SPRAY IN PLACE INSULATION
HEA__ HIGH EAVE TRIM
H1060 @ 12” O.C.

(2) HIDDEN JOINT FASTENERS W/ WASHER MK# WC–01 TYPICAL

HR3 OUTSIDE CLOSURE STRIP SET IN H3010 TAPE MASTIC TOP AND BOTTOM
H1050 @ 5” O.C.
HRC–03 METAL CLOSURE W/ H1050 @ 5” O.C. & H3010 TAPE MASTIC

“SW–01” SADDLE WASHER W/ 1/4 – 14 TEK 3 FASTENER W/ WASHER PER RIB

HIGH EAVE GIRL SHOWN FOR REFERENCE ONLY. MEMBER MAY VARY. SEE ROOF FRAMING PLAN.

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HIGH SIDE EAVE
HR3 INSULATED ROOF PANEL
SEE INSULATED WALL PANEL ERECTION NOTES FOR ASSEMBLY METHOD

EH4006

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

DETAIL NAME IF APPLICABLE
EH4006.DWG

11.8.7
EI4010 – HIGH EAVE (PARAPET)

* FIELD OR FACTORY APPLIED BUTYL CAULK AT VERTICAL JOINT (CONTINUOUS 3/8" BEAD)

FASTENING SCHEDULE WILL VARY DEPENDING ON SPECIFIC APPLICATION

SECONASY FRAMING
(CONTINUOUS)
H3151 BUTYL CAULK
FIELD FILL WITH LOOSE INSULATION

HIGH EAVE HEIGHT

HPI)__ CAP TRIM W/ H1060 @ 12" O.C.
BUTYL TUBE CAULK H3151

* ENSURE CAULK IS CONTINUOUS. IF NO CAULK IS PRESENT OR IF CAULK IS NOT CONTINUOUS, FIELD APPLY CONTINUOUS CAULK MK# H3151

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ENLARGED VIEW
1/2" MIN

SECONDARY FRAMING

HRC-03 METAL CLOSURE W/ H1050 @ 5" O.C. & H3010 TAPE MASTIC TOP AND BOTTOM

"SW-01" SADDLE WASHER W/ 1/4 – 14 TEK 3 FASTENER W/ WASHER

HIGH EAVE PARAPET DETAIL

HR3 INSULATED PANEL

EI4010
EI4030 – HIGH EAVE (PARAPET) AT MASONRY OR CONCRETE

FASTENING SCHEDULE WILL VARY DEPENDING ON SPECIFIC APPLICATION

COUNTERFLASH (NOT BY NUCOR)
1/2" H3010 TAPE MASTIC
FASTENER BY OTHERS @ 12" O.C.

HTI ___ TRANSITION TRIM W/ H1050 @ 5" O.C.

MASONRY WALL BY OTHERS
FIELD FILL WITH LOOSE INSULATION
BUTYL TUBE CAULK H3151 IN (2) PLACES

HR3 OUTSIDE CLOSURE STRIP WITH H3010 TAPE MASTIC AT TOP AND BOTTOM
HRC-03 METAL CLOSURE W/ H1050 @ 5" O.C. & H3010 TAPE MASTIC TOP AND BOTTOM

"SW-01" SADDLE WASHER W/ 1/4 – 14 TEK 3 FASTENER W/ WASHER

CTA01 TRIM W/ H1060 @ 12" O.C. BUTT UP AGAINST MASONRY WALL AS REQ'D.

ENLARGED VIEW
1 1/2" MIN

SECONDARY FRAMING

HIGH EAVE PARAPET DETAIL
HR3 INSULATED PANEL AT MASONRY WALL

EI4030
EI4050 – HIGH EAVE (PARAPET) PANEL ABOVE AND BELOW

**DETAIL NAME IF APPLICABLE**

EI4050.DWG

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

11.8.10
EI4070 – HIGH EAVE (PARAPET) NON-STRUCTURAL
RAKE DETAILS
EE4010 – RAKE (SCULPTURED)

NOTE: ROOF PANEL SHOULD EXTEND TO OUTSIDE EDGE OF WALL PANEL

2 1/4” TAPE MASTIC H3020 BETWEEN TRIM & INSULATED METAL ROOF PANEL HR3

FIELD CUT OVERLAP HI RIB AS REQUIRED

RAKE TRIM RTA

COMPRESSIBLE OR SPRAY IN PLACE INSULATION BY OTHERS

H1060 @ 12” O.C.

INSULATED METAL PANEL

(2) HIDDEN JOINT FASTENERS w/WASHER MK# WC–01 TYPICAL

START/FINISH DIM. SEE PLAN

"SW–01" SADDLE WASHER W/ 1/4 – 14 TEK 3 FASTENER W/ WASHER INTO SUPPORT MEMBER

H3010 TAPE MASTIC

H1050 @ 4” O.C.

BUTYL SEALANT H3151

(2) 1/4 – 14 TEK 3 FASTENER W/ WASHER AT EACH PURLIN AND (1) @ 1/3 POINTS BETWEEN PURLINS

RAKE ANGLE MAR01 WITH (1)

H1220 FASTENER AT EACH SUPPORT

PURLIN

FASTENING SCHEDULE WILL VARY DEPENDING ON SPECIFIC APPLICATION

SCULPTURED RAKE DETAIL

EE4010

INSULATED METAL PANEL
SEE INSULATED WALL SHEETING DETAILS FOR ASSEMBLY METHOD

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<tr>
<td>4”</td>
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EF4010 – RAKE (PARAPET) WALL PANEL ABOVE

NOTES:

ALWAYS BEGIN THE RAKE PARAPET TRIM INSTALLATION STARTING AT THE LOW EAVE AND WORK TOWARD THE HIGH EAVE OR RIDGE.

THE RAKE PARAPET TRIM IS DESIGNED TO HAVE "POSITIVE DRAINAGE" ONTO THE ROOF. THIS IS TO HELP ALEVATE THE POSSIBILITY OF WATER PONDING ON THE TRIM. SEE DETAIL "A" BELOW.

FASTEN THE RAKE PARAPET TRIM TO THE ROOF PANEL AT 4" ON CENTER.

REFER TO THE HR3 ERECTION MANUAL FOR ADDITIONAL TRIM LAP INFORMATION AND DETAILS.

DETAIL "A"

16 GAUGE RAKE PARAPET ANGLE (LLV.)

RAKE PARAPET TRIM. IMPORTANT NOTE. THIS TRIM IS DESIGNED WITH A 95° BEND AS SHOWN TO ALLOW "POSITIVE DRAINAGE" ONTO THE ROOF PANEL

H3151 BUTYL SEALANT

2 1/4" H3020 TAPE WASTIC BETWEEN TRIM AND PANEL

H3011 RAKE PARAPET TRIM

BP01 BASE TRIM W/ H1060 @ 12" O.C.

(2) HIDDEN JOINT FASTENERS w/WASHER H16-01 TYPICAL

2 1/4"-14 TEK5 FASTENERS WITH WASHER AT EACH PURLIN AND (1) AT 1/3 POINTS BETWEEN PURLINS

H3151 BUTYL SEALANT

SW-01" SINGLE WASHER W/ 1/4"

14 TEK 3 FASTENER W/ WASHER INTO SUPPORT MEMBER

FASTENING SCHEDULE WILL VARY DEPENDING ON SPECIFIC APPLICATION

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RAKE PARAPET DETAIL
HR3 ROOF PANEL
SEE INSULATED WALL PANEL SHEETING ERECTION NOTES

EF4010

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

DETAIL NAME IF APPLICABLE

EF4010.DWG

11.8.13
EF4030 – RAKE (PARAPET) AT MASONRY OR CONCRETE

NOTES:
ALWAYS BEGIN THE RAKE PARAPET TRIM INSTALLATION STARTING AT THE LOW EAVE AND WORK TOWARD THE HIGH EAVE OR RIDGE.

THE RAKE PARAPET TRIM IS DESIGNED TO HAVE “POSITIVE DRAINAGE” ONTO THE ROOF. THIS IS TO HELP ALLEVIATE THE POSSIBILITY OF WATER PONDING ON THE TRIM. SEE DETAIL “A” BELOW.

FASTEN THE RAKE PARAPET TRIM TO THE ROOF PANEL AT 4” ON CENTER.

REFER TO THE HR3 ERECTION MANUAL FOR ADDITIONAL TRIM LAP INFORMATION AND DETAILS.

RAKE PARAPET TRIM IMPORTANT NOTE: THIS TRIM IS DESIGNED WITH A 95° BEND AS SHOWN TO ALLOW “POSITIVE DRAINAGE” ONTO THE ROOF PANEL.

RAKE PARAPET DETAIL
HR3 ROOF PANEL AT MASONRY WALL
SEE INSULATED WALL PANEL SHEETING ERECTION NOTES

EF4030

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

DETAIL NAME IF APPLICABLE
EF4030.DWG

11.8.14
EF4050 – RAKE (PARAPET) RAFTER IN HIGH BUILDING

NOTES:
ALWAYS BEGIN THE RAKE PARAPET TRIM INSTALLATION STARTING AT THE LOW EAVE AND WORK TOWARD THE HIGH EAVE OR RIDGE.

THE RAKE PARAPET TRIM IS DESIGNED TO HAVE "POSITIVE DRAINAGE" ONTO THE ROOF. THIS IS TO HELP ALLEVIATE THE POSSIBILITY OF WATER PONDING ON THE TRIM. SEE DETAIL "A" BELOW.

FASTEN THE RAKE PARAPET TRIM TO THE ROOF PANEL AT 4" ON CENTER.

REFER TO THE HR3 ERECTION MANUAL FOR ADDITIONAL TRIM LAP INFORMATION AND DETAILS.

DETAIL "A"

[Diagram showing details of rake parapet trim]

RAKE PARAPET DETAIL
RAFTER IN HIGH BUILDING, "FIRST" ROOF
SEE INSULATED WALL PANEL SHEETING ERECTION NOTES

EF4050

FIELD CUT OVERLAP HI RIB AS REQUIRED
H3151 BUTYL SEALANT
MAR01 SUPPORT ANGLE (L.L.V.) (1) H1220 FASTENER AT EACH SUPPORT. FIELD COPE AS REQUIRED
SECONDARY FRAMING
H3151 BUTYL SEALANT

(2) HIDDEN JOINT FASTENERS W/WASHER 1/4" WC-01 TYPICAL

 Feld Cut Overlap Hi Rib as Required
H3151 Butyl Sealant
MAR01 Support Angle (L.L.V.) (1) H1220 Fastener at Each Support. Field Cope as Required
Secondary Framing
H3151 Butyl Sealant

(2) Hidden Joint Fasteners W/Washer 1/4" WC-01 Typical

Panel Thickness Hidden Fastener
2" #14 x 2 SDHH
2 1/2" #14 x 3 SDHH
3" #14 x 3 SDHH
4" #14 x 4 SDHH

Fastening Schedule Will Vary Depending on Specific Application

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EF4060 – RAKE (PARAPET) RAFTER IN LOW BUILDING

NOTES:
ALWAYS BEGIN THE RAKE PARAPET TRIM INSTALLATION STARTING AT THE LOW EAVE AND WORK TOWARD THE HIGH EAVE OR RIDGE.

THE RAKE PARAPET TRIM IS DESIGNED TO HAVE "POSITIVE DRAINAGE" ONTO THE ROOF. THIS IS TO HELP ALLEVIATE THE POSSIBILITY OF WATER PONDING ON THE TRIM. SEE DETAIL "A" BELOW.

FASTEN THE RAKE PARAPET TRIM TO THE ROOF PANEL AT 4" ON CENTER.

REFER TO THE HR3 ERECTION MANUAL FOR ADDITIONAL TRIM LAP INFORMATION AND DETAILS.

DETAIL "A"

16 GAUGE RAKE PARAPET ANGLE (L.L.V.)
RAKE PARAPET TRIM, IMPORTANT NOTE:
DEIGNED WITH A 90° BEND AS SHOWN TO ALLOW "POSITIVE DRAINAGE" ONTO THE ROOF PANEL.

RAKE PARAPET DETAIL
RAFTER IN LOW BUILDING, "HR3" ROOF
SEE INSULATED WALL PANEL SHEETING ERECTION NOTES

FASTENING SCHEDULE WILL VARY DEPENDING ON SPECIFIC APPLICATION

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

DETAIL NAME IF APPLICABLE
EF4060

EF4060.DWG
11.8.16
PARAPET GUTTER DETAILS
EK4020 – PARAPET GUTTER – EAVE STRUT

H1020 (12” O.C.)

H1050 12” O.C.

EAVE TRIM MK. LE10

PARAPET GUTTER MK. PGB01

FIELD LINE W/BITUMINOUS MATERIALS (N.I.C.) (INSTALL BEFORE THE ROOF PANELS ARE INSTALLED)

OUTLET AND DOWNSPOUT (N.I.C.)

HI RIB CLOSURE STRIP W/ 1 1/2” X 3/32” BUTYL TAPE MASTIC H3001 BETWEEN ROOF PANEL AND ANGLE

"SW–01" SADDLE WASHER W/ 1/4–14 TEK 3 FASTENER W/ WASHER PER RIB

(1) 1/4–14 TEK 3 FASTENER W/ WASHER EVENLY SPACED BETWEEN 20” RIBS

H1220 12” O.C. @ REV. PURLIN, (1) EACH END @ EAVE STRUT

H3151 PERIMETER CAULK

EAVE STRUT SHOWN FOR REFERENCE ONLY. MEMBER MAY VARY. SEE ROOF FRAMING PLAN.

"HR3" ROOF
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

EK4020

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

DETAIL NAME IF APPLICABLE
EK4020.DWG
EK4040 – PARAPET GUTTER @ MASONRY OR CONCRETE – EAVE STRUT

PARAPET GUTTER DETAIL

"HR3" ROOF
SEE WALL SHEETING ERECTION NOTES
FOR WALL PANEL FASTENER LOCATIONS
RIDGE DETAILS
EG4010 – RIDGE CONDITION

1/2" MIN

ENLARGED VIEW

OF RIDGE SYMMETRICAL ABOUT

1 1/2" MIN

8 1/2" MIN

11" MAX

H3151 TUBE
CAULK AS REQ’D

RG1 INSIDE RIDGE TRIM
W/ H1060 @ 12” O.C.

“SW-01” SADDLE WASHER W/
1/4 – 14 TEK 3 FASTENER
W/ WASHER

H1050 @ 5” O.C.

HRC-03 METAL CLOSURE
W/ H1050 @ 5” O.C. &
H3010 TAPE MASTIC

HR3 OUTSIDE CLOSURE STRIP
WITH H3010 TAPE MASTIC AT
TOP AND BOTTOM

FIELD FILL W/ COMPRESSIBLE OR
SPRAY IN PLACE INSULATION

NOTE: FIELD LOCATE (1) “SW-01” SADDLE
WASHER CLIP ASSEMBLY AT EVERY HIGH RIB.

RIDGE DETAIL
HR3 INSULATED PANEL

EG4010
NOTE: DO NOT OVER DRIVE FASTENERS. IF THE METAL AT THE EDGE OF THE PANEL IS DEFORMED OUT OF PLANE, THE ADJACENT PANEL WILL BE DIFFICULT TO ENGAGE AND WILL NOT SEAL.

IT IS RECOMMENDED TO CRIMP CLIP TO MALE RIB USING CRIMPER SUPPLIED WITH PANEL ACCESSORIES BEFORE INSTALLING NEXT PANEL.

FIELD APPLIED 1/8" BEAD OF H3151 BUTYL SEALANT IN CLIP TAB
* CONTINUOUS 1/4" BEAD OF H3151 BUTYL SEALANT. MAY BE FACTORY OR FIELD APPLIED

* ENSURE CAULK IS CONTINUOUS, IF NO CAULK IS PRESENT OR IF CAULK IS NOT CONTINUOUS, FIELD APPLY 1/4" BEAD OF CAULK WHERE NEEDED, SO THE SEAM IS FILLED FROM END TO END. MK# H3151

FIELD APPLIED 3/8" BEAD OF H3151 BUTYL SEALANT

SR2 ROOF PANEL CLIP WITH 1/4 - 14 x 2" TEK 3 W/O WASHER AT EACH SECONDARY SUPPORT, (2) PER PANEL CLIP U.N.O. (3) PER PANEL CLIP AT FM JOBS

FIELD APPLIED 3/8" BEAD OF H3151 BUTYL SEALANT

FACTORY APPLIED FOAM GASKET AT UNDERSIDE OF STANDING SEAM ROOF CLIP

STANDING SEAM ROOF PANEL JOINT

SR2 INSULATED ROOF PANEL

EA5000

LAST REVISION
DATE: 01/13/21
BY: SAA CHK: SDF

DETAIL NAME IF APPLICABLE
EA5000.DWG

11.8.20
NOTE: Do not drive fasteners on end lap. Fasteners should be driven on the roof and between roof and side panels. If the metal at the edge of the panel is deformed out of plane, the adjacent panel will be difficult to engage and will not seal. After clips are installed, the lap area has been installed in place over the male leg of standing seam panels. Pre-crimp using hand crimping tool supplied with the insulated metal panels. It is recommended to crimp clip to male rib using crimp tool before installing the next panel.

FIELD NOTCH 8" OF MALE LEG OF OVERLAPPED LOWER ROOF PANEL TO ALLOW PROPER NESTING OF UPPER PANELS.

H1020 AT 2 1/2" D.C. AT LAP

1. Row of H3020 2 1/4" X 3/16" TAPE MASTIC

(1) 1/2" BEAD OF H35151 BUTYL CAULK

(1) BEAD OF H35151 BUTYL CAULK BETWEEN ELA22 ANGLE AND SECONDARY Framing

SECONDARY FramerING

SEE ERECTION MANUAL FOR CAULKING OF PERIMETER PANEL RIBS, CLIPS AND SIDELAP.

ERECTION NOTE: FIELD DRILL NOTCH LAP ANGLE AT PURLIN LAP BOLTS AND PURLIN BRACING AS REQUIRED

ELA22 (L.L.V.)

SECONDARY Framing MEMBER

PM PROJECTS Do NOT REQUIRE ADDITIONAL FASTENERS AT THE PANEL CLIPS. (2) FASTENERS PER CLIP IS ACCEPTABLE FOR PM RATED ROOF SYSTEM AT THIS CONDITION.

SECTION A FASTENER SPACING

SR2 INSULATED PANEL ENDLAP

SR2 INSULATED ROOF PANEL

EA5021
LOW EAVE DETAILS
ED5310 – HORIZONTAL GUTTER WITH SCULPTURED RAKE

DETAIL NAME IF APPLICABLE
ED5310.DWG

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

11.8.22
HIGH EAVE DETAILS
EH5006 – HIGH EAVE WITH WALL PANEL

HIGH EAVE GIRT SHOWN FOR REFERENCE ONLY. MEMBER MAY VARY. SEE ROOF FRAMING PLAN.

NOTE: DO NOT OVER DRIVE FASTENERS. IF THE METAL AT THE EDGE OF THE PANEL IS DEFORMED OUT OF PLANE, THE ADJACENT PANEL WILL BE DIFFICULT TO ENGAGE AND WILL NOT SEAM. AFTER SR CLIP HAS BEEN INSTALLED IN PLACE OVER MALE LEG OF STANDING SEAM PANEL, PRE-CRIMP, USING 1/2" HAND CRIMPING TOOL SUPPLIED.

<table>
<thead>
<tr>
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<tr>
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<td>#14 X 3 SDHH</td>
</tr>
<tr>
<td>4”</td>
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HIGH SIDE EAVE
SR2 INSULATED PANEL
SEE INSULATED WALL PANEL ERECTION NOTES FOR ASSEMBLY METHOD
EI5010 – HIGH EAVE (PARAPET)

* FIELD OR FACTORY APPLIED BUTYL CAULK AT VERTICAL JOINT (CONTINUOUS 3/8” BEAD)

FASTENING SCHEDULE WILL VARY DEPENDING ON SPECIFIC APPLICATION

SEE CHART

SECONDARY MEMBER (CONTINUOUS) H3151 BUTYL CAULK
FIELD FILL WITH LOOSE INSULATION
HIGH EAVE HEIGHT

HPL__ CAP TRIM W/ H1060 @ 12” O.C.
BUTYL TUBE CAULK H3151
MARRY BUTYL CAULK TO TOP OF TRANSITION TRIM LOCATION AT VERTICAL JOINT.

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* ENSURE CAULK IS CONTINUOUS. IF NO CAULK IS PRESENT OR IF CAULK IS NOT CONTINUOUS, FIELD APPLY CONTINUOUS CAULK MK# H3151

(2) HIDDEN JOINT FASTENERS W/WASHER MK# WC–01 TYPICAL
BS01 BASE TRIM W/ H1060 12” O.C.
HTL__ TRANSITION TRIM W/ H1050 @ 5” O.C.
SR2 OUTSIDE CLOSURE STRIP WITH H3010 TAPE MASTIC AT (TOP AND BOTTOM)
SRC–02 METAL CLOSURE W/ H1050 @ 5” O.C. & H3010 TAPE MASTIC (TOP AND BOTTOM)

SR ROOF PANEL CLIP W/
(2) 1/4” – 14 X 2” TEK W/O WASHER, PER CLIP, PER PANEL

ROOF PANEL THICKNESS | DIM.
-----------------------|-------|
3 1/4”                 | 9 1/4” |
4”                     | 0’–10” |
5”                     | 0’–11” |
6”                     | 1’–0”  |

HIGH EAVE PARAPET DETAIL

SR2 INSULATED PANEL

EI5010

LAST REVISION
DATE: 08/03/16
BY: SAA CHK: EGB

DETAIL NAME IF APPLICABLE
EI5010.DWG

11.8.24
EI5030 – HIGH EAVE (PARAPET) AT MASONRY OR CONCRETE

FASTENING SCHEDULE WILL VARY DEPENDING ON SPECIFIC APPLICATION

COUNTERFLASH (NOT BY NUCOR)
1/2" H3010 TAPE MASTIC
FASTENER BY OTHERS @ 12" O.C.
HTI TRANSITION TRIM W/ H1050 @ 5" O.C.

MASONRY WALL
BY OTHERS
FIELD FILL WITH LOOSE INSULATION

BUTYL TUBE CAULK H3151 IN (2) PLACES

SR2 OUTSIDE CLOSURE STRIP WITH H3010 TAPE MASTIC AT TOP AND BOTTOM
SRC-02 METAL CLOSURE W/ H1050 @ 5" O.C. & H3010 TAPE MASTIC TOP AND BOTTOM

ENLARGED VIEW
SECONDARY FRAMING

CTA01 TRIM W/ H1060 @ 12" O.C. BUTT UP AGAINST MASONRY WALL AS REQ'D.

HIGH EAVE PARAPET DETAIL
SR2 INSULATED PANEL AT MASONRY WALL

EI5030

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

DETAIL NAME IF APPLICABLE
EI5030.DWG
EI5050 – HIGH EAVE (PARAPET) PANEL ABOVE AND BELOW

**Panel Thickness** | **Hidden Fastener**
--- | ---
2" | #14 X 2 SDH
2 1/2" | #14 X 3 SDH
3" | #14 X 3 SDH
4" | #14 X 4 SDH

**Fastening Schedule**

* Ensure caulk is continuous. If no caulk is present or if caulk is not continuous, field apply continuous caulk. MK# H3151.

- Field or factory applied butyl caulk at vertical joint (continuous 3/8" bead).
- Butyl caulk MK# H3151 (continuous).
- Trim HP01 W/H1020 @ 12" O.C.

**Fastened Joint Fasteners**

- Washer MK# WC-01 typical.
- Mabry Butyl caulk to top of base trim head at vertical joint.
- BSI01 Base trim W/H1050 12" O/C.
- HTL & TRANS. Flashing W/H1050 @ 12" O.C.
- Field fill W/ compressible insulation.
- SR2 Outside closure strip with H3010 tape mastic at top and bottom.
- SRC-02 Metal closure W/H1050 @ 5" O.C. & H3010 tape mastic at top and bottom.

**Secondary Framing**

- SR roof panel clip W/(2) 1/4 - 14 x 2" Tek W/O washer, per clip, per panel.
- CTA01 Trim W/ fastener MK# H1060 @ 12" O.C. butt up against wall panel as req'd.
- (2) Hidden joint fasteners W/washer MK# WC-01 typical.

**High Eave Parapet Detail**

Wall Panel Above and Below

**Sr2 Insulated Panel**

**LAST REVISION**

**DATE:** 08/03/2016

**BY:** SAA CHK: EGB

**DETAIL NAME IF APPLICABLE**

**EI5050.DWG**

**11.8.26**
RAKE DETAILS
EE5010 – RAKE (SCULPTURED)

NOTE: ROOF PANEL SHOULD EXTEND TO OUTSIDE EDGE OF WALL PANEL

FIELD CUT PANEL AS REQUIRED

RAKE TRIM RTA

BATT OR SPRAY IN PLACE INSULATION NOT BY NBS

H1050 @ 4" O.C.

H1060 @ 12" O.C.

INSULATED METAL PANEL

(2) HIDDEN JOINT FASTENERS w/WASHER MK# WC-01 TYPICAL

2 1/4" TAPE MASTIC H3020 BETWEEN TRIM & INSULATED METAL ROOF PANEL SR2

BUTYL SEALANT H3151

(2) 1/4′′ 14 TEK 3 FASTENER W/WASHER AT EACH PURLIN AND (1) @ 1/3 POINTS BETWEEN PURLINS

BUTYL SEALANT H3151

RAKE ANGLE MAR01 L.L.V. WITH (1) H1220 FASTENER AT EACH SUPPORT

PURLIN

FASTENING SCHEDULE WILL VARY DEPENDING ON SPECIFIC APPLICATION

SCULPTURED RAKE DETAIL

INSULATED METAL PANEL

SEE INSULATED WALL SHEETING DETAILS FOR ASSEMBLY METHOD

EE5010

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

DETAIL NAME IF APPLICABLE
EE5010.DWG

11.8.28
EF5010 – RAKE (PARAPET) WALL PANEL ABOVE

NOTES:
ALWAYS BEGIN THE RAKE PARAPET TRIM INSTALLATION STARTING AT THE LOW EAVE AND WORK TOWARD THE HIGH EAVE OR RIDGE.

THE RAKE PARAPET TRIM IS DESIGNED TO HAVE "POSITIVE DRAINAGE" ONTO THE ROOF. THIS IS TO HELP ALLEVIATE THE POSSIBILITY OF WATER PONDING ON THE TRIM. SEE DETAIL "A" BELOW.

FASTEN THE RAKE PARAPET TRIM TO THE ROOF PANEL AT 4" ON CENTER.

REFER TO THE SR2 ERECTION MANUAL FOR ADDITIONAL TRIM LAP INFORMATION AND DETAILS.

DETAIL "A"

RAKE PARAPET DETAIL
SEE INSULATED PANEL SHEETING ERECTION NOTES
EF5030 – RAKE (PARAPET) AT MASONRY OR CONCRETE

NOTES:
ALWAYS BEGIN THE RAKE PARAPET TRIM INSTALLATION STARTING AT THE LOW EAVE AND WORK TOWARD THE HIGH EAVE OR RIDGE.

THE RAKE PARAPET TRIM IS DESIGNED TO HAVE "POSITIVE DRAINAGE" ONTO THE ROOF. THIS IS TO HELP AVOID THE POSSIBILITY OF WATER PONDING ON THE TRIM. SEE DETAIL "A" BELOW.

FASTEN THE RAKE PARAPET TRIM TO THE ROOF PANEL AT 4" ON CENTER.

REFER TO THE SR2 ERECTION MANUAL FOR ADDITIONAL TRIM LAP INFORMATION AND DETAILS.

RAKE PARAPET TRIM, IMPORTANT NOTE, THIS TRIM IS DESIGNED WITH A 95° BEND AS SHOWN TO ALLOW "POSITIVE DRAINAGE" ONTO THE ROOF PANEL.

RAKE PARAPET DETAIL
S/92 ROOF PANEL AT MASONRY WALL
SEE INSULATED WALL PANEL SHEETING ERECTION NOTES

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FASTENING SCHEDULE WILL VARY DEPENDING ON SPECIFIC APPLICATION.
EF5050 – RAKE (PARAPET) RAFTER IN HIGH BUILDING

NOTES:
ALWAYS BEGIN THE RAKE PARAPET TRIM INSTALLATION STARTING AT THE LOW EAVE AND WORK TOWARD THE HIGH EAVE OR RIDGE.

THE RAKE PARAPET TRIM IS DESIGNED TO HAVE "POSITIVE DRAINAGE" ONTO THE ROOF. THIS IS TO HELP ALLEVIATE THE POSSIBILITY OF WATER PONDING ON THE TRIM. SEE DETAIL "A" BELOW.

FASTEN THE RAKE PARAPET TRIM TO THE ROOF PANEL AT 4" ON CENTER.

REFER TO THE SR2 ERECTION MANUAL FOR ADDITIONAL TRIM LAP INFORMATION AND DETAILS.

DETAIL “A”

RAKE PARAPET TRIM IMPORTANT NOTE: THIS TRIM IS DESIGNED WITH A 95° BEND AS SHOWN TO ALLOW "POSITIVE DRAINAGE" ONTO THE ROOF PANEL.

RAKE PARAPET ANGLE (L.L.V.)

16 GAUGE RAKE PARAPET ANGLE (L.L.V.)

FIELD CUT OVERLAP as required H3151 BUTYL SEALANT

H3151 BUTYL SEALANT

H1220 FASCIA AT EACH SUPPORT, FIELD COPE AS REQUIRED

(2) 1/4-14 TEK 3 FASTENERS W/ WASHER AT EA. PURFLN AT 1/3 POINTS BETWEEN PURFLNS.

FIELD FILL WITH INSULATION (NOT BY NRS)

H1050 @ 4" O/C

2 1/4" H3020 TAPE MASTIC BETWEEN TRIM PANEL

H3151 BUTYL SEALANT

FIELD FILL WITH INSULATION (NOT BY NRS)

G001 BASE TRIM W/ H1050 @ 12" O.C.

H1600 @ 12" O.C.

H0151 BUTYL SEALANT

H1220 FASCIA AT EACH SUPPORT, FIELD COPE AS REQUIRED

1/4" CLEAR WOOD ANGLE

H1220 FASCIA TO PANEL RIB

Panel Thickness | Hidden Fastener
--- | ---
2" | #14 x 2 SEAM
2 1/2" | #14 x 3 SEAM
3" | #14 x 3 SEAM
4" | #14 x 4 SEAM

FASTENING SCHEDULE WILL VARY DEPENDING ON SPECIFIC APPLICATION

RAKE PARAPET DETAIL

SR2 ROOF PANEL
SEE INSULATED WALL PANEL SHEETING ERECTION NOTES

EF5050.DWG
EF5060 – RAKE (PARAPET) RAFTER IN LOW BUILDING

NOTES:
ALWAYS BEGIN THE RAKE PARAPET TRIM INSTALLATION STARTING AT THE LOW EAVE AND WORK TOWARD THE HIGH EAVE OR RIDGE.

THE RAKE PARAPET TRIM IS DESIGNED TO HAVE “POSITIVE DRAINAGE” ONTO THE ROOF. THIS IS TO HELP ALCATE THE POSSIBILITY OF WATER PONDING ON THE TRIM. SEE DETAIL “A” BELOW.

FASTEN THE RAKE PARAPET TRIM TO THE ROOF PANEL AT 4” ON CENTER.

REFER TO THE SR2 ERECTION MANUAL FOR ADDITIONAL TRIM LAP INFORMATION AND DETAILS.

DETAIL “A”

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FASTENING SCHEDULE WILL VARY DEPENDING ON SPECIFIC APPLICATION.

RAKE PARAPET DETAIL
RAFTER IN HIGH BUILDING, SR2 ROOF PANEL
SEE INSULATED WALL PANEL SHEETING ERECTION NOTES

EF5060
PARAPET GUTTER DETAILS
EK5020 – PARAPET GUTTER – EAVE STRUT

PARAPET GUTTER DETAIL

"SR2" ROOF
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

11.8.33

EKB

The diagram illustrates the details of a parapet gutter with specific components and instructions for installation. The diagram includes the use of SR2 inside closure strip, 1/2" x 3/32" butyl tape mastics, H3001 between roof panel and angle, SR roof panel clips with 1/4-14 x 2" TEK washers, per clip, and 1/4-14 TEK 3 fasteners with washers evenly spaced between 40" ribs. The diagram also highlights the use of H1020 (12" O.C.), Mastic Mk. H3010, H1050 12" O.C., Eave Trim Mk. LE10, and other components as specified. The detail name if applicable is EK5020.DWG.
EK5040 – PARAPET GUTTER @ MASONRY OR CONCRETE – EAVE STRUT

PARAPET GUTTER DETAIL
"SR2" ROOF
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

FIELD LINE W/BITUMINOUS MATERIALS (N.I.C.) (INSTALL BEFORE THE ROOF PANELS ARE INSTALLED)

OUTLET AND DOWNSPOUT (N.I.C.)

PARAPET GUTTER
MK. PGB01

CONTINUOUS SUPPORT ANGLE
MK. MAR02

COUNTER FLASH
(NOT BY N.B.S.)

MASTERY FASTENER
(PLUS BY N.B.S.)

A.F.F.
4"

TOP OF EAVE MEMBER

H1020
(12" O.C.)

H1050
(12" O.C.)

MASTIC MK. H3010

SR2 INSIDE CLOSURE STRIP W/ 1 1/2" X 3/32" BUTYL TAPE

MASTIC H3001 BETWEEN ROOF PANEL AND ANGLE

SR ROOF PANEL CLIP
W/(2) 1/4 – 14 X 2" TEK W/O WASHER, PER CLIP

(3) 1/4-14 TEK 3 FASTENER W/ WASHER EVENLY SPACED BETWEEN 40" RIBS

H1220 12" O.C. @REV PURLIN, (1) EACH END @ EAVE STRUT

H3151 PERIMETER CAULK

2"

EAVE STRUT SHOWN FOR REFERENCE ONLY. MEMBER MAY VARY. SEE ROOF FRAMING PLAN.

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

DETAIL NAME IF APPLICABLE

EK5040.DWG

11.8.34
RIDGE DETAILS
EG5010 – RIDGE CONDITION

1/2” MIN

ENLARGED VIEW

C OF RIDGE
SYMMETRICAL ABOUT

1”

1”

RGG – RIDGE CAP

SECOND ROW OF FOAM
CLOSURES FOR ALASKA
PROJECTS ONLY

H1050 @ 5” O.C.

SRC-02 METAL CLOSURE
W/ H1050 @ 5” O.C. &
H3010 TAPE MASTIC

FIELD FILL W/ COMPRRESSIBLE
INSULATION

H3151 TUBE
CAULK AS REQ’D

SR2 OUTSIDE CLOSURE STRIP
WITH H3010 TAPE MASTIC AT
TOP AND BOTTOM

RGI – INSIDE RIDGE TRIM
W/ H1060 @ 12” O.C.

SR ROOF PANEL CLIP W/ (2) 1/4 – 14
X 2” TEK W/O WASHER, PER CLIP, PER
PANEL AT RIDGE SECONDARY SUPPORT

NOTE: DO NOT OVER
DRIVE FASTENERS. IF THE
METAL AT THE EDGE OF
THE PANEL IS DEFORMED
OUT OF PLANE, THE
ADJACENT PANEL WILL BE
DIFFICULT TO ENGAGE AND
WILL NOT SEAM. AFTER SR
CLIP HAS BEEN INSTALLED
IN PLACE OVER MALE LEG
OF STANDING SEAM PANEL,
PRE-CRIMP, USING 1/2”
HAND CRIMPING TOOL
SUPPLIED.

RIDGE DETAIL
SR2 INSULATED PANEL

EG5010