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CF0030PE – BUILDING ELEVATION

DETAIL NAME IF APPLICABLE

CF0030PE.DWG
LOW EAVE DETAILS
ED6010 – STANDARD LOW EAVE (GUTTER) – EAVE STRUT

WALL PANEL CLOSURES SHOWN HERE ARE OPTIONAL
ED6040 – LOW EAVE (GUTTER) @ MASONRY OR CONCRETE – EAVE STRUT

EAVE GUTTER DETAIL
"CFR" ROOF AT MASONRY WALL

---

H2640 GUTTER HANGER
2"-0" O.C.

(4) H1050
PER PANEL
SPACED EQUALLY

1/2" TAPE
Mastic H3010

H1050

1 1/2" TAPE
Mastic H3001

H10,F
12" O.C.

GUTTER GTA

EAVE FLASH
LECO1

H10,F
12" O.C.
REQ'D ONLY AT EAVE STRUT

MASONRY FASTENER
BY OTHERS

STEEL LINE

3"

EAVE PLATE
MK. EP___

EAVE STRUT SHOWN, MEMBER
VARIES (REFERENCE THE
SECONDARY LOW EAVE MEMBER
OPTION DETAIL FOR ALTERNATE
MEMBERS)

(NOT ATTACHED TO WALL,
NOTCH MASONRY AT COLUMN)

MASONRY WALL

ED6040.DWG
EB6010 – LOW EAVE (SIMPLE FLASH) – EAVE STRUT

WALL PANEL CLOSURES SHOWN HERE ARE OPTIONAL
EB6040 – LOW EAVE (SIMPLE FLASH) @ MASONRY OR CONCRETE – EAVE STRUT

EAVE STRUT SHOWN, MEMBER VARIES (REFERENCE THE SECONDARY LOW EAVE MEMBER OPTION DETAIL FOR ALTERNATE MEMBERS) (NOT ATTACHED TO WALL) (NOTCH MASONRY AT COLUMN)

FACE OF MASONRY

PANEL VOID CLOSURE H2630 WITH (1) H1030 8” PRECUT TAPE MASTIC H3640

(8) H1030 IN PANEL FLAT ONLY, 2 1/2" O.C. MAX.

H1020 6” O.C.

1/2” OR 1 1/2”

3”

1 1/2” TAPE MASTIC H3001

EAVE PLATE MK. EP___

H1040 12” O.C.

EAVE FLASH LEC01

MASONRY FASTENER BY OTHERS

MASONRY WALL

SIMPLE EAVE DETAIL
"CFR" ROOF AT MASONRY WALL

EB6040
EC6010 – LOW EAVE (SCULPTURED FLASH) – EAVE STRUT

WALL PANEL CLOSURES SHOWN HERE ARE OPTIONAL
EC6040 – LOW EAVE (SCULPTURED FLASH) @ MASONRY OR CONCRETE – EAVE STRUT

FOLLOW THE CFR ERECTION MANUAL WITH THE FOLLOWING EXCEPTIONS AT SCULPTURED EAVE TRIM APPLICATIONS:

1) Masonry transition flash must be erected first prior to installing the sculptured eave trim.

2) Eave plate and insulation must be fastened prior to installing the sculptured eave trim.

3) Apply 3/4" Tape Mastic to the vertical leg of the eave plate.

4) Extend sculptured eave trim 1" past endwall steel line. Core bottom vertical leg flash with edge of masonry wall. Fasten trim to eave plate with H1200 12" O.C.

5) Apply a continuous bead of tube calix (H1100) around perimeter of corner cap, close to inner edge.

6) Insert corner cap into sculptured rake trim leaving 1/2" exposure all around. Fasten with (3) H1100 colored pop rivets at front only.

7) Install the rake cap at the rake edge of the sculptured eave trim and 1 1/2" from the first vertical face of the sculptured eave (as shown at left). Utilize tube calix (H3150) around the perimeter of edge of the rake cap.

8) Apply a bead of tube calix (H3150) 1 1/2" from the face of the eave trim along the rake side of the corner cap. This bead should include both the top & bottom edges of the corner cap.

9) Install the rake trim RTA... per the erection manual, 1/2" from the face of the sculptured eave trim.

10) Fasten the corner cap and the rake cap, as shown at left, with (15) colored pop rivets (MK. H1100).

11) Install the rake retainers trim per the erection manual.
HIGH EAVE DETAILS
EH6006 – HIGH EAVE (SCULPTURED TRIM)

Erector Notes:
H1020 screws & H2200 Insulation Washers have been supplied at 12" O.C.
For Insulation Attachment at the High Eave. Field notch panels as needed to allow for proper end dam fit up.

H1020
HIGH EAVE FLASH
HEB
END DAM
H2600
BACK-UP PLATE
H2650

1 1/4"
1 1/2"
2"
3"

H1050 Fasteners (5) per panel
1 1/2" Tape
Mastic H3001
H1020 Fasteners (7) per panel
27" Long
Precut Tape
Mastic H3650

Panel Offset Varies
Secondary Member
Panel Clip

High Eave Strut
Shown, member
varies (Reference
the secondary high
Eave Member option
detail for alternate
members)

Panel Dimples
Field cut 2" notch at
each end dam location

Sculptured High Eave Detail
"CFR" Roof
See wall sheeting erection notes for wall panel fastener locations

Wall panel closures shown here are optional
ERECTOR NOTES:
H1020 SCREWS & H2200 INSULATION WASHERS HAVE BEEN SUPPLIED AT 12" O.C. FOR INSULATION ATTACHMENT AT THE HIGH EAVE. FIELD NOTCH PANELS AS NEEDED TO ALLOW FOR PROPER END DAM FIT UP.

SCULPTURED HIGH EAVE DETAIL
"CFR" ROOF AT MASONRY WALL

LAST REVISION
DATE: 12/29/17
BY: EGB CHK: SDF

DETAIL NAME IF APPLICABLE
EH6030.DWG

EH6030 – HIGH EAVE (SCULPTURED TRIM) @ MASONRY OR CONCRETE
EH6106 – HIGH EAVE (SIMPLE TRIM) – STANDARD WALL PANEL

ERECTOR NOTES:
H1020 SCREWS & H2200 INSULATION WASHERS HAVE BEEN SUPPLIED AT 12” O.C. FOR INSULATION ATTACHMENT AT THE HIGH EAVE.
FIELD NOTCH PANELS AS NEEDED TO ALLOW FOR PROPER END DAM FIT UP.

TRIM LAP NOTE:
CAULK ADJOINING SURFACES
(H3152), LAP 1” AND FASTEN
WITH (5) POP RIVETS (H1100)

H1050 FASTENERS
5 PER PANEL

1 1/2” TAPE
MASTIC H3001

H1020 FASTENERS
(7) PER PANEL

27” LONG
PRECUT TAPE
MASTIC H3650

ROOF PANEL

S
1 1/4”
4”

END DAM
H2600

BACK-UP PLATE
H2650

H1060 (12” O.C.)
(REQUIRED ONLY IF
RAKE TRIM RETAINER
IS NOT INCLUDED)

RAKE TRIM RETAINER
MK. RRA01
☑ INCLUDED
☒ NOT INCLUDED
WITH H1060 12” O.C.

OUTSIDE PANEL CLOSURE
MK. H3400 ☑ ”CLASSIC PANEL”
MK. H3420 ☑ ”ACCENT PANEL”
MK. 3410 ☑ ”REV CLASSIC PANEL”

HIGH EAVE STRUT SHOWN,
MEMBER VARIERS
(REFERENCE THE
SECONDARY HIGH EAVE
MEMBER OPTION
FOR ALTERNATE MEMBERS)

WALL PANEL

SECONDARY MEMBER

Panel Dimples

FIELD CUT 2” NOTCH AT
EACH END DAM LOCATION

SIMPLE HIGH EAVE DETAIL
"CFR" ROOF
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

WALL PANEL CLOSURES SHOWN HERE ARE OPTIONAL
ERECTOR NOTES:
H1020 SCREWS & H2200 INSULATION WASHERS HAVE BEEN SUPPLIED AT 12" O.C. FOR INSULATION ATTACHMENT AT THE HIGH EAVE.
FIELD NOTCH PANELS AS NEEDED TO ALLOW FOR PROPER END DAM FIT UP.

TRIM LAP NOTE:
CAULK ADJOINING SURFACES (H3152), LAP 1" AND FASTEN WITH (5) POP RIVETS (H1100)

SIMPLE HIGH EAVE DETAIL
"CFR" AT MASONRY WALL
EI6010 – HIGH EAVE (PARAPET)

Notes:
H1020 SCREWS & H2200 INSULATION WASHERS HAVE BEEN SUPPLIED AT 12" O.C.
FOR INSULATION ATTACHMENT AT THE HIGH EAVE.
FIELD NOTCH PANELS AS NEEDED TO ALLOW FOR PROPER END DAM FIT UP.

WALL PANEL
H1020
(12" O.C.)

HIGH EAVE PARAPET
HP_01

H1050 FASTENERS
(5) PER PANEL
1 1/2" TAPE
MASTIC H3001

H1020 FASTENERS
(7) PER PANEL
27" LONG PRECUT
TAPE MASTIC H3650

Panel Dimples

Panel Offset Varies

FIELD CUT 2" NOTCH AT EACH END DAM LOCATION

HIGH EAVE PARAPET DETAIL
"CFR" ROOF
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

EI6010
EI6030 – HIGH EAVE (PARAPET) @ MASONRY OR CONCRETE

ERECTOR NOTES:
H1020 SCREWS & H2000 INSULATION WASHERS HAVE BEEN SUPPLIED AT 12” O.C.
FOR INSULATION ATTACHMENT AT THE HIGH EAVE.
FIELD NOTCH PANELS AS NEEDED TO ALLOW FOR PROPER END DAM FIT UP.

COUNTERFLASH (NOT BY NUCOR)
FASTENER TO MASONRY N.I.C. (12” O.C.)
HIGH EAVE PARAPET HP_01
H1050 FASTENERS (5) PER PANEL
1 1/2” TAPE MASTIC H3001
H1020 FASTENERS (7) PER PANEL
27” LONG PRECUT TAPE MASTIC H3650

3/4” TAPE MASTIC H3000
H1020 END DAM H2600
BACK-UP PLATE H2650
2” x 3” ANGLE (MK. MAR02) SUPPLIED FOR INSULATION TIE-OFF ATTACHMENT TO MASONRY NOT BY NUCOR
FIELD LOCATE AS REQUIRED.
MASONRY WALL

HIGH EAVE PARAPET DETAIL
“CFR” ROOF AT MASONRY WALL

FIELD CUT 2” NOTCH AT EACH END DAM LOCATION
RAKE DETAILS
EE6010 – RAKE (SCULPTURED)

NOTE 1: KEEP FASTENER A MINIMUM OF 2" AWAY FROM ANY RAKE CLIP. DO NOT FASTEN THROUGH ANY CLIP. FASTENER MAY BE REMOVED JUST BEFORE INSTALLATION OF RAKE TRIM IF INTERFERING WITH TRIM.

Sculptured Rake Detail
"CFR" Roof
See Wall Sheeting Erection Notes for Wall Panel Fastener Locations

WALL PANEL CLOSURES SHOWN HERE ARE OPTIONAL
EE6030 – RAKE (SCULPTURED) @ MASONRY OR CONCRETE

SCULPTURED RAKE DETAIL

"CFR" ROOF AT MASONRY WALL

NOTE 1
KEEP FASTENER A MINIMUM OF 2" AWAY FROM ANY RAKE CLIP. DO NOT FASTEN THROUGH RAKE CLIP. FASTENER MAY BE REMOVED JUST BEFORE INSTALLATION OF RAKE TRIM IF INTERFERING WITH TRIM.
EE6110 – RAKE (SIMPLE) - STANDARD WALL PANEL

FIELD MITER WALL PANELS AS REQUIRED

TRIM LAP NOTE:
CAULK ADJOINING SURFACES
(H3152), LAP 1" AND FASTEN
WITH (5) POP RIVETS (H1100)

TEMPORARY FASTENER
H1020
(24" O.C.)
(SEE NOTE 1)

RAKE ANGLE
MK. MAR02

RAKE TRIM
MK. RTB01

H10_C (12" O.C.)
(REQUIRED ONLY IF
RAKE TRIM RETAINER
IS NOT INCLUDED)

RAKE TRIM RETAINER
MK. RRA01

□ INCLUDED
□ NOT INCLUDED
WITH H10_D 12" O.C.

NOTE 1
KEEP FASTENER A MINIMUM OF 2"
AWAY FROM ANY RAKE CLIP. DO NOT
FASTEN THROUGH RAKE CLIP. FASTENER
MAY BE REMOVED JUST BEFORE RAKE
TRIM INSTALLATION IF INTERFERING WITH
TRIM.

SIMPLE RAKE DETAIL

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

WALL PANEL CLOSURES SHOWN HERE ARE OPTIONAL

LAST REVISION
DATE:  12/29/17
BY:  EGB  CHK:  SDF

DETAIL NAME IF APPLICABLE

EE6110.DWG

11.6.20
TRIM LAP NOTE:
CAULK ADJOINING SURFACES
(H3152), LAP 1" AND FASTEN
WITH (5) POP RIVETS (H1100)

START/FINISH DIM.
(SEE PLAN)

3 3/4"
BACK OF
RAKE ANGLE

H1030 AT 4" O.C. (SEE NOTE 1)
2 1/4" TAPE MASTIC MK. H3020
BETWEEN TRIM & "CFR" ROOF

MAR02 RAKE ANGLE

RTB01 RAKE TRIM

MASTERY FASTENERS
NOT BY NUCOR
(REQUIRED ONLY IF
RAKE TRIM RETAINER
IS NOT INCLUDED)

RRA01 RAKE TRIM
RETAINER
☑ INCLUDED
☒ NOT INCLUDED
WITH MASTERY
FASTENERS NOT
BY NUCOR

AT PURLINS
AT JOISTS

NOTE 1
KEEP FASTENER A MINIMUM OF 2" AWAY FROM ANY
RAKE CLIP. DO NOT FASTEN THROUGH RAKE CLIP.
FASTENER MAY BE REMOVED JUST BEFORE RAKE
TRIM INSTALLATION IF INTERFERING WITH TRIM.

SIMPLE RAKE DETAIL
"CFR" ROOF AT MASONRY WALL
EF6010 – RAKE (PARAPET)

NOTES:

ALWAYS BEGINS 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, MAKING SURE THAT NO FASTENERS HIT ANY OF THE RAKE CLIP LOCATIONS. KEEP FASTENER A MINIMUM OF 2" AWAY FROM ANY RAKE CLIP.

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

DETAIL "A"

WALL PANEL

WALL PANEL FASTENER. IMPORTANT NOTE: THIS FASTENER CANNOT PENETRATE THE RAKE PARAPET TRIM. INSTALL IN LOCATION SHOWN TO ALLOW THE RAKE PARAPET TRIM TO MOVE WITH THE EXPANSION AND CONTRACTION OF THE ROOF PANEL.

MASTIC BETWEEN TRIM AND RAKE ANGLE

INSIDE CLOSURE WITH MASTIC TOP AND BOTTOM

16 GAUGE RAKE PARAPET ANGLE (L.V.)

RAKE PARAPET TRIM. IMPORTANT NOTE: THIS TRIM IS DESIGNED WITH A 90° BEND AS SHOWN TO ALLOW "POSITIVE DRAINAGE" ONTO THE ROOF PANEL.

RAKE PARAPET DETAIL

"CFR" ROOF

SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

EF6010
EF6030 – RAKE (PARAPET) @ 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 PONDDING ON THE TRIM. SEE DETAIL "A" BELOW.**
- **FASTEN THE RAKE PARAPET TRIM TO THE ROOF PANEL AT 4" ON CENTER, MAKING SURE THAT NO FASTENERS HIT ANY OF THE RAKE CLIP LOCATIONS. KEEP FASTENER A MINIMUM OF 2" AWAY FROM ANY RAKE CLIP. DO NOT ATTACH THE TRIM TO THE WALL.**
- **REFER TO THE CFRERECTION HISTORY FOR ADDITIONAL TRIM LAY INFORMATION AND DETAILS.**

**DETAIL "A"**

**EXISTING BUILDING, MASONRY, CONCRETE OR OTHER PARAPET WALL SYSTEM (NOT BY NBS)**

- **COUNTERFLASH (NOT BY NBS)**
- **MASONIC BETWEEN TRIM AND COUNTERFLASH**
- **RAKE PARAPET TRIM IMPORTANT Note: DO NOT ATTACH THE RAKE PARAPET TRIM TO THE WALL OR EXISTING BUILDING**

**ERECTION NOTE**

- **DO NOT FASTEN RAKE PARAPET TRIM TO MASONRY WALL OR EXISTING BUILDING**

**RAKE ANGLE**

- **3 3/4"" ROOF AT MASONRY WALL OR EXISTING BUILDING**

**RAKE PARAPET DETAIL**

- **"CFR" ROOF AT MASONRY WALL OR EXISTING BUILDING**

**H1020 AT 24" O.C. (SEE NOTE 1)***

- **2 1/4" TAPE MASTIC H3020**
- **BETWEEN TRIM & "CFR" ROOF**

**START/Finish PANEL**

- **"CFR" ROOF**

- **PANEL OFFSET VARIES**

**NOTE 1: KEEP FASTENER A MINIMUM OF 2" AWAY FROM ANY RAKE CLIP. DO NOT FASTEN THROUGH RAKE CLIP.**

**H1030 AT 4" O.C. (SEE NOTE 1)**

**H1020 AT 24" O.C. (SEE NOTE 1)**

**H2051 (TALL)**

**H2061 (SUPER TALL)**

**2 (2) FASTENERS PER CLIP**

**H1020 AT PURLIN**

**H1070 AT JOIST**

**LAST REVISION DATE:** 12/29/17

**DETAIL NAME IF APPLICABLE:** EF6030.DWG

**BY:** EGB CHK: SDF

**11.6.23**
PARAPET GUTTER DETAILS
EK6020 – PARAPET GUTTER – EAVE STRUT

WALL PANEL

INSIDE PANEL CLOSURE
H3410 • "CLASSIC PANEL"
H3400 • REVERSE "CLASSIC PANEL" H3430 • "ACCENT PANEL"
W/ 3/4" TAPE MASTIC H3000
TOP AND BOTTOM

H1020 (12" O.C.)

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

INInside Face of Parapet Gutter

PANEL VOID CLOSURE H2630 WITH
(1) H1030
8" PRECUT TAPE MASTIC H3640

REFERENCE ERECTION MANUAL FOR PANEL SEALING REQUIREMENTS

(8) H1030 IN PANEL FLAT ONLY, 2 1/2" O.C. MAX.

1 1/2" TAPE MASTIC H3001

3"

PANEL OFFSET VARIES

REQ'D ONLY AT EAVE PURLIN/JOIST 6" O.C.
H1020 AT PURLIN
H1070 AT JOIST

1 1/2" TAPE MASTIC H3001

H1020 12" O.C. AND H1020/H2200 12" O.C.
REFERENCE EAVE PLATE INSTRUCTIONS IN MANUAL

EAVE PLATE MK. EP

EAVE STRUT SHOWN, MEMBER VARIES (SEE THE SECONDARY LOW EAVE MEMBER OPTION DETAIL FOR ALTERNATE MEMBERS) (NOTE: EAVE ANGLE NOT REQUIRED WITH EAVE PURLIN OR JOIST)

PARAPET GUTTER DETAIL
"CPR" ROOF

EK6020

LAST REVISION
DATE:  12/29/17
BY:  EGB  CHK:  SDF

DETAIL NAME IF APPLICABLE
EK6020.DWG

11.6.24
EK6040 – PARAPET GUTTER @ MASONRY OR CONCRETE – EAVE STRUT

**ParaPert Gutter Detail**

*“CfR” Roof*
RIDGECAP OPTIONS

<table>
<thead>
<tr>
<th>ROOF SLOPE</th>
<th>MARK NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>≤ 2:12</td>
<td>RGB___</td>
</tr>
<tr>
<td>&gt; 2:12 &amp; ≤ 4:12</td>
<td>RGD___</td>
</tr>
</tbody>
</table>

H1020 FASTENER

1 1/2" TAPE MASTIC H3001

27" PRE-CUT TAPE MASTIC H3650

ROOF PANEL

BACKUP PLATE H2650

END DAM H2600

H1050 FASTENERS (5) PER PANEL

H1020 FASTENERS (7) PER PANEL

3" PANEL OFFSET VARIES

SECONDARY MEMBER

PANEL CLIP FASTENERS
EG6010 – RIDGE CONDITION WITH INSULATION PAN

ERECTOR NOTE: H1020 SCREWS & H2200 INSULATION WASHERS HAVE BEEN SUPPLIED AT 12" O.C. FOR INSULATION ATTACHMENT AT THE RIDGE. FIELD NOTCH PANELS AS NEEDED TO ALLOW FOR PROPER END DAM FIT UP.

NOTE: FILL RIDGE CAP VOID WITH INSULATION

FIELD CUT 2" NOTCH AT EACH END DAM LOCATION

Panel Dimples

RIDGE CAP OPTIONS

<table>
<thead>
<tr>
<th>ROOF SLOPE</th>
<th>MARK NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>≤ 2:12</td>
<td>RGB__</td>
</tr>
<tr>
<td>&gt; 2:12 &amp; ≤ 4:12</td>
<td>RGD__</td>
</tr>
</tbody>
</table>

H1020 FASTENER

1 1/2" TAPE MASTIC H3001

27" PRE-CUT TAPE MASTIC H3650

PANEL CLIP

ROOF PANEL

C

SYMETRICAL ABOUT

5 1/4"

BACKUP PLATE H2650

END DAM H2600

H1050 FASTENERS (5) PER PANEL

H1020 FASTENERS (7) PER PANEL

3"

PANEL OFFSET VARIES

INSULATION PAN IPAD1

PURLIN

RIDGE DETAIL

EG6010
PANEL SPLICE DETAILS
EA6021 – PANEL SPLICE

Maximum Panel run with a standard endlap = 150’-0”. Greater than 150’-0” or more than 2 endlaps, then all endlaps will be staggered. A staggered endlap is an endlap with an offset of (1) purlin/joist space. On multi-building projects, if one of the buildings requires a staggered endlap, all buildings that require an endlap should also be staggered, regardless of panel run, to keep the look the same on all roof planes.
CURB DETAILS
EN6030 – CFR DOUBLE ROOF CURB (SLIDING CLIPS)

CURB WEIGHTS OF GREATER THEN 750 & LESS THEN OR = 6,000 POUNDS
EN6010 – CFR SINGLE ROOF CURB

CURB WEIGHTS FOR SLIDING CLIPS OF LESS THEN OR = TO 750 POUNDS
CURB WEIGHTS FOR FIXED CLIPS OF LESS THEN OR = TO 6,000 POUNDS
VALLEY GUTTER DETAILS
EL6020 – VALLEY GUTTER

REFERENCE ERECTION MANUAL FOR PANEL SEALING REQUIREMENTS

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

VALLEY GUTTER MK. VGB01

OUTLET AND DOWNSPOUT (N.I.C.)

VALLEY GUTTER DETAIL
"CFR" ROOF

INSIDE FACE OF VALLEY GUTTER

2 1/2"

END OF PANEL

PANEL VOID CLOSURE H2630 WITH
(1) H1030
8" PRECUT TAPE MASTIC H3640

REFERENCE ERECTION MANUAL FOR PANEL SEALING REQUIREMENTS

(8) H1030 IN PANEL FLAT ONLY, 2 1/2" O.C. MAX.

1 1/2" TAPE MASTIC H3001

3"

PANEL OFFSET VARI"ES

REQ'D ONLY AT EAVE PURLIN/JOIST 8" O.C.
H1020 AT PURLIN
H1070 AT JOIST

1 1/2" TAPE MASTIC H3001

H1020 12" O.C. AND H1020/H2200 12" O.C.
REFERENCE EAVE PLATE INSTRUCTIONS IN MANUAL

EAVE PLATE MK. EP___

EAVE STRUT SHOWN, MEMBER VARI"ES (SEE THE SECONDARY LOW EAVE MEMBER OPTION DETAIL FOR ALTERNATE MEMBERS) (NOTE: EAVE ANGLE NOT REQUIRED WITH EAVE PURLIN OR JOIST)
EXPANSION JOINT DETAILS
EJ6100 – ROOF STEP EXPANSION JOINT

NOTE: THIS DETAIL DOES NOT WORK FOR SUPER TALL CFR CLIP. PLEASE CONTACT NBG PD FOR INFO.
EJ6200 – EXPANSION JOINT (CONSTRUCTION)

Fill cavity with fiberglass insulation to prevent condensation inside the joint.

When lapping expansion joint trim, the upslope piece should overlap the downslope piece.

H1020 (4” O.C.)

3/4” Tape mastic H3000

2 1/4” Tape mastic H3020 between trim & “CFR” roof

RAKE ANGLE MAR02

START/FINISH PANEL

PANEL OFFSET VARIES

RAKE ANGLE CLIP
MK. H2041 (SHORT)
MK. H2051 (TALL)
MK. H2061 (SUPER TALL)

(2) Fasteners per clip
H1020 at purlins
H1070 at joist

"CFR" CONSTRUCTION JOINT

Expansion joint at nonstructural expansion

* Keep fastener a minimum of 2” away from any rake clip. Do not fasten through rake clip.

EJ6200
EJ6300 – EXPANSION JOINT (NON-STRUCTURAL)

WHEN LAPPING EXPANSION JOINT TRIM, THE UPSLOPE PIECE SHOULD OVERLAP THE DOWNSLOPE PIECE.

EXPANSION JOINT TRIM EJG01

H1020 (4” O.C.)

2 1/4” TAPE MASTIC H3020 BETWEEN TRIM & “CFR” ROOF

RAKE ANGLE MAR02

START/FINISH PANEL

EXPANSION JOINT TRIM EJF01

3/4” TAPE MASTIC H3000

H1020 (2’-0” O.C.)

H1050 (4” O.C.)

RAKE ANGLE CLIP
MK. H2041 (SHORT)
MK. H2051 (TALL)
MK. H2061 (SUPER TALL)

(2) FASTENERS PER CLIP
H1020 AT PURLINS
H1070 AT JOIST

SECONDARY MEMBER

H1020 24” O.C.

18” FLEXIBLE MEMBRANE H3201

DIM. ACROSS EJF01

3 3/4”

8”

START/FINISH DIM. (SEE PLAN)

”CFR” EXPANSION JOINT

EXPANSION JOINT AT NONSTRUCTURAL EXPANSION

KEEP FASTENER A MINIMUM OF 2” AWAY FROM ANY RAKE CLIP. DO NOT FASTEN THROUGH RAKE CLIP.

EJ6300

LAST REVISION
DATE: 06/01/18
BY: SDF CHK: EGB

DETAIL NAME IF APPLICABLE

EJ6300.DWG

11.6.34
EJ6400 – EXPANSION JOINT (STRUCTURAL)

FILL CAVITY WITH FIBERGLASS INSULATION TO PREVENT CONDENSATION INSIDE THE JOINT.

8” EXPANDO–FLASH @ H3551
EXPANSION JOINT ANGLE EJK01
H1020 (2’–0” O.C.)
H1050 (4” O.C.)
EXPANSION JOINT TRIM EJF01

* H1020 24” O.C.
3 3/4” 3 3/4”
7 1/2” 11 1/2”
DIM. ACROSS EJF01
START/FINISH DIM. (SEE PLAN) START/FINISH DIM. (SEE PLAN)

* WHEN LAPPING EXPANSION JOINT TRIM, THE UPSLOPE PIECE SHOULD OVERLAP THE DOWNSLOPE PIECE.

H1020 (4” O.C.)
3/4” TAPE MASTIC H3000
2 1/4” TAPE MASTIC H3020 BETWEEN TRIM & "CFR" ROOF
RAKE ANGLE MAR02
START/FINISH PANEL

RAKE ANGLE CLIP
MK. H2041 (SHORT)
MK. H2051 (TALL)
MK. H2061 (SUPER TALL)
(2) FASTENERS PER CLIP
H1020 AT PURLINS
H1070 AT JOIST

SECONDARY MEMBER

PANEL OFFSET VARIES

"CFR" EXPANSION JOINT
EXPANSION JOINT AT STRUCTURAL EXPANSION
KEEP FASTENER A MINIMUM OF 2” AWAY FROM ANY RAKE CLIP. DO NOT FASTEN THROUGH RAKE CLIP.

ERECTOR NOTE: FOR LAPPED CONDITIONS, INSTRUCTIONS AND MATERIALS ARE IN A FULL EXPANDO FLASH BOX.

EJ6400

11.6.35
HIP AND VALLEY DETAILS
EP6020 – NUCOR CFR™ HIP CONDITION DETAIL

HIP CONDITION ERECTION NOTES

11.6.36

HIP AND VALLEY DETAILS
ED6100 – GUTTER CORNER AT HIP

GUTTER BRACKET AT EACH PANEL RIB

HIP FLASH WITH FASTENERS AT 6” ON CENTER

ROOF PANEL

tabs

SUGGESTED GUTTER MITER

MITER THE GUTTERS AT THE CORNER AS SHOWN AND FASTEN TOGETHER WITH POP RIVETS (MK. H1100). CAULK AT MITER WITH TUBE CAULK MK. H3152.

REFER TO THE LOW EAVE GUTTER DETAIL ON SHEET D* FOR ADDITIONAL INFO

LOW EAVE GUTTER DETAIL AT HIP

ED6100
EP6040 – NUCOR CFR™ VALLEY CONDITION DETAIL

VALLEY CONDITION EJECTION NOTES

1. Draw the two profiles as one-polished at the center line and the two sides.

2. Sketch the supply and the exhaust for the valley condition detail.

3. Shows the valley profile and the exhaust for the valley condition detail.

4. Shows the valley profile and the exhaust for the valley condition detail.

5. Cross-sections of the valley profile and the exhaust for the valley condition detail.

6. Details of the valley profile and the exhaust for the valley condition detail.

CFR VALLEY ASSEMBLY DETAIL

1. CFR plate and closure detail at valley condition detail.

2. CFR plate and closure detail at valley condition detail.

3. CFR plate and closure detail at valley condition detail.

4. CFR plate and closure detail at valley condition detail.

5. CFR plate and closure detail at valley condition detail.

6. CFR plate and closure detail at valley condition detail.
ED6200 – GUTTER CORNER AT VALLEY

MITER THE GUTTERS AT THE CORNER AS SHOWN AND FASTEN TOGETHER WITH POP RIVETS (MK. H1100). CAULK AT MITER WITH TUBE CAULK MK. H3152.

REFER TO THE LOW EAVE GUTTER DETAIL ON SHEET D * FOR ADDITIONAL INFO

LOW EAVE GUTTER DETAIL AT VALLEY

ED6200