WALL & ROOF LINER PANEL TABLE OF CONTENTS

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GENERAL INFORMATION

1. The standard wall and ceiling liner panel configuration is 28 gauge Nucor Classic Wall™ profile panel painted Polar White (Silicone Polyester).

2. Wall and ceiling liner panels are also available in 26 gauge in Nucor Classic Wall™, Nucor Accent Wall™ or Nucor 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 Nucor 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 Nucor 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.
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.
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

WALL AND CEILING LINER PANEL ERECTION NOTES

(PANELS 36” NET LAY)
AG0130 – FLANGE BRACE @ PURLIN AND RAFTER W/ LINER

**NOTE:** FIELD DRILL HOLE IN LINER PANEL AT THROUGH BOLT LOCATIONS. FIELD CUT &/OR FLATTEN PANEL RIB IF INTERFERENCE WITH FLANGE BRACE CLIP OCCURS.

**NOTE:** 1/2"Ø X 2" A325 BOLTS ARE REQ’D FOR BOLTING FLANGE BRACES. INSTALL FBN01 PRIOR TO INSTALLING UNDERSIDE FABRIC, VAPOR BARRIER OR LINER.

**AG0130**

**TYP FLANGE BRACE @ PURLIN & RAFTER**

**NOTES:** SEE PLANS AND ELEVATIONS FOR FLANGE BRACE PART MARKS
IA0040 – POST AND BEAM ENDWALL CORNER COLUMN (CLASSIC WALL)

"CLASSIC" WALL LINER

SEE LINER TERMINATION DETAILS AT INTERMEDIATE COLUMNS

"CLASSIC" WALL LINER (EXTEND BEYOND FACE OF COLUMN TO TERMINATE)

"CLASSIC" LINER INSIDE CORNER

PANEL TERMINATION AT CORNER COLUMNS
IA0010 – PANEL TERMINATION @ INTERIOR COLUMNS (CLASSIC WALL)

"CLASSIC" LINER TERMINATION DETAILS AT INTERMEDIATE COLUMNS

PARTS LEGEND

- MAG01 GIRT ANGLE WITH (2) H1020 FASTENERS
- MAG02 GIRT ANGLE WITH (2) H1020 FASTENERS
- H1040 EACH SUPPORT, H1060 30" O.C. BETWEEN
- FIELD CUT H1040 AROUND STRUCTURAL CLIP, AS NEEDED
ERECTOR NOTE: WHEN FLANGE THICKNESS EXCEEDS 1/2", A 3/16" PILOT HOLE IS REQUIRED AT RAKE ANGLE TO RAFTER ATTACHMENT.

ENDWALL STEEL LINE

PURLIN

VARES

CENTERLINE OF RAFTER

H1040 FASTENER AT EACH SUPPORT, H1060 FASTENER AT 30" O.C. BETWEEN SUPPORTS

CAP TRIM MK. HTD121

ROOF LINER (CLASSIC PROFILE SHOWN, ACCENT SIMILAR) (L.L.V.)

RAKE ANGLE MK. MAL01

ENDWALL RAFTER

FASTENER 5'-0" O.C. MK. H1070 (SEE ERECTOR NOTE)

H1060 FASTENERS AT 36" O.C.

CAP FLASH MK. CTA02

H1040 FASTENERS AT 12" O.C.

GIKT

WALL LINER

LINER PANEL AT RAKE DETAIL

FULL HEIGHT WALL LINER AT BYPASS ENDWALL GIRTS WITH CEILING LINER (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.

ENDWALL STEEL LINE VARIES CENTERLINE OF RAFTER

PURLIN

1/2” MIN. – 3 1/2” MAX.

ENDWALL RAFTER

FASTENER 5’-0” O.C. MK. H1070 (SEE ERECTOR NOTE)

RAKE ANGLE (S.L.V.) MK. MAL01

H1040 FASTENERS AT 12” O.C.

ENDWALL GIRT

GIRT DEPTH (HOLD)

CAP TRIM MK. HTD121

ROOF LINER (CLASSIC PROFILE SHOWN, ACCENT SIMILAR)

H1040 FASTENER AT EACH SUPPORT, H1060 FASTENER AT 30” O.C. BETWEEN SUPPORTS

H1060 FASTENERS AT 36” O.C.

CAP FLASH MK. CTA02

WALL LINER

LINER PANEL AT RAKE DETAIL

FULL HEIGHT WALL LINER AT INSET/FLUSH GIRTS WITH CEILING LINER (POST AND BEAM ENDWALL)
IE0010 – WALL LINER @ RIGID FRAME ENDWALL

ENDWALL STEEL LINE

VARIES

1’-4” STANDARD

CENTERLINE OF FRAME

PURLIN

RIGID FRAME ENDWALL RAFTER

WALL LINER

H1040 FASTENERS AT 12” O.C.

ENDWALL GIRT

TOP OF PANEL

BOTTOM OF PURLIN

1/2” MIN. – 3 1/2” MAX.

LINER PANEL AT RAKE DETAIL
FULL HEIGHT WALL LINER (FULL FRAME ENDWALL)

IE0010
IE0030 – WALL & ROOF LINER @ RIGID FRAME ENDWALL

Liner Panel at Rake Detail

IE0030

Full Height Wall Liner (Full Frame Endwall) with Classic or Accent Ceiling Liner
ID0010 – LOW EAVE DETAIL

LOW EAVE LINER PANEL DETAIL
FULL HEIGHT LINER (FOR SLOPES <= TO 4:12)

<table>
<thead>
<tr>
<th>GIRT DEPTH</th>
<th>ROOF SLOPE</th>
<th>EAVE ANGLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; OR 10&quot;</td>
<td>1:12</td>
<td>MAL01</td>
</tr>
<tr>
<td>8&quot; OR 10&quot;</td>
<td>2:12</td>
<td>MAL12</td>
</tr>
<tr>
<td>8&quot; OR 10&quot;</td>
<td>3:12</td>
<td>MAL13</td>
</tr>
<tr>
<td>8&quot; OR 10&quot;</td>
<td>4:12</td>
<td>MAL14</td>
</tr>
<tr>
<td>12&quot;</td>
<td>1:12</td>
<td>MAL15</td>
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<tr>
<td>12&quot;</td>
<td>2:12</td>
<td>MAL16</td>
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<tr>
<td>12&quot;</td>
<td>3:12</td>
<td>MAL17</td>
</tr>
<tr>
<td>12&quot;</td>
<td>4:12</td>
<td>MAL18</td>
</tr>
</tbody>
</table>
ID0060 – HIGH EAVE DETAIL

HIGH EAVE LINER PANEL DETAIL
FULL HEIGHT LINER (FOR SLOPES <= TO 4:12)

SIDEWALL STEEL LINE — GIRT DEPTH
(HOLD)

EAVE MEMBER

EAVE ANGLE (S.L.V.)
MK. MAE___
SEE CHART

CAP TRIM MK. HTD121
(INSTALL PRIOR TO STANDING WALL LINER PANEL)

(1) H1040 FASTENER AT EACH END OF CAP TRIM

H1020 FASTENERS
AT 60” O.C.

H1040 FASTENERS
AT 12” O.C.

WALL LINER PANEL

<table>
<thead>
<tr>
<th>ROOF SLOPE</th>
<th>EAVE ANGLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:12</td>
<td>MAE01</td>
</tr>
<tr>
<td>2:12</td>
<td>MAE02</td>
</tr>
<tr>
<td>3:12</td>
<td>MAE03</td>
</tr>
<tr>
<td>4:12</td>
<td>MAE04</td>
</tr>
</tbody>
</table>
ID0050 – LOW EAVE W/ WALL & ROOF LINER

Low Eave Liner Panel Detail

Full height liner with ceiling liner
(for slopes <= to 4:12)

<table>
<thead>
<tr>
<th>Roof Slope</th>
<th>Eave Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:12</td>
<td>MAL07</td>
</tr>
<tr>
<td>2:12</td>
<td>MAL02</td>
</tr>
<tr>
<td>3:12</td>
<td>MAL04</td>
</tr>
<tr>
<td>4:12</td>
<td>MAL06</td>
</tr>
</tbody>
</table>
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.

CENTERLINE OF RIDGE

PURLIN

CEILING LINER

H1040 FASTENERS AT 12” O.C.

RIDGE LINER PANEL DETAIL

ROOF LINER (<= 1:12 SLOPE)
"CLASSIC" PANEL

TOP OF PANEL

CENTERLINE OF GIRT

BOTTOM OF PANEL

H10_C FASTENERS AT 6" O.C.

GIRT

"CLASSIC" PANEL

STANDARD WALL PANEL LAP

"CLASSIC" PANEL

[Diagram of wall panel layout with annotations]
CEILING LINER PANEL LAP DETAIL

IA0080
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

7.5.17
FINISHED FLOOR BASE DETAIL
LINER PANEL WITH BASE ANGLE

IC0010

EXTERIOR PANEL

LINER PANEL

BASE ANGLE MK.
MAR02 (S.L.V.)

H1040 FASTENERS
AT 12” O.C.

FLOOR SLAB BY
OTHERS

FOUNDATION WALL
BY OTHERS

FASTEN AT 3’-0” O.C. MAX
(FASTENERS NOT BY NUCOR)
ERECTOR NOTE:
Panel screws must engage the base channel, field notching of the base channel may be required at the columns and corners.

Liner Panel

8" Base Channel Mk. B8C01
10" Base Channel Mk. B1C01
12" Base Channel Mk. B2C01

H1040 Fasteners at 12" O.C.

Foundation wall by others

Fasten at 4'-0" O.C. max (fasteners not by Nucor)

TOP OF CURB WALL DETAIL
LINER PANEL WITH BASE CHANNEL

IC0040
ID0100 – CAP TRIM @ PARTIAL HEIGHT WALL LINER

PARTIAL HEIGHT LINER PANEL
PARTIAL HEIGHT WALL LINER

CAP TRIM MK. HTD121
H1060 FASTENERS AT 36” O.C.
H1040 FASTENERS AT 12” O.C.
INTERMEDIATE GIRT
WALL LINER PANEL

7.5.20
IG0050 – FRAMED OPENING JAMB DETAIL @ CLASSIC LINER

**ALTERNATE DETAIL**

H1040 FASTENERS
AT 12” O.C.

AS REQUIRED
FOR DOOR RAIL

NOTE: DOOR
RAIL BY OTHERS

JAMB DETAIL
"CLASSIC" WALL LINER

GIRT
JAMB

DOOR OR
WINDOW OPENING

CAP TRIM MK. HTD

H1040 FASTENERS
AT 12” O.C.

"CLASSIC” WALL LINER
IG0090 – FRAMED OPENING HEADER DETAIL @ LINER PANEL

**HEADER DETAIL**

AT WALKDOOR OR WINDOW WITH LINER PANEL

LINER PANEL

H1040 FASTENERS AT 12” O.C.

CAP TRIM HTD__

HEADER

WALKDOOR OR WINDOW OPENING
IG0100 – FRAMED OPENING SILL DETAIL @ LINER PANEL

SILL DETAIL
AT LINER PANEL

SILL CHANNEL

SILL TRIM MK. STA__

H1060 FASTENERS
AT 12” O.C.

H1040 FASTENERS
AT 12” O.C.

LINER PANEL
HEADER DETAIL
AT OVERHEAD DOOR WITH FLAT STOCK LINER

LINER PANEL
H1040 FASTENERS AT 12" O.C.
CAP TRIM HTD_
FLAT STOCK LINER MK.
H1040 FASTENERS AT 12" O.C.

EXTERIOR WALL PANEL
OVERHEAD DOOR OPENING
HEADER

1'-4" MIN. MAX.
3'-3"