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DRAFT CURTAIN INFORMATION AND SPECIFICATIONS

Additional information Nucor standard draft curtains is available at the Nucor Building Systems website at the below link.

Nucor Standard Draft Curtain

PARTITION INFORMATION AND SPECIFICATIONS

Additional information Nucor standard partition walls is available at the Nucor Building Systems website at the below link.

Nucor Standard Partition Wall

The following pages provide standard Draft Curtain and Partition Wall details.
PARTITION WALL DETAILS

IH0010 – 8" SYSTEM TRANSVERSE PARTITION WALL

TRANVERSE PARTITION WALL

8" SYSTEM – SINGLE SHEETED NOTE: USE 1/2" X 1-1/4" ANE7
BOLTS H0500/NUTS H0502
REFERENCE EJECTION NOTE FOR TYPICAL WASHER REQUIREMENTS.
SEE STRUCTURAL ELEVATIONS FOR GIRT/COLUMN MARK NUMBERS.
** – FASTEN AT 3'-6" O.C. MAX (FASTENERS NOT BY NUCOR)
IH0030 – TRANSVERSE PARTITION WALL SECTION CUTS – JOISTS

SECTION “A” TRANSVERSE PARTITION WALL GIRT TO COLUMN
NOTE USE (8) 3/4” x 1 7/8” AS30 BOLTS H0500/NUTS H0400.
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS.

SECTION “B” GIRT CONNECTION TO VERTICAL CEE SUPPORT
NOTE USE (4) 3/4” x 1 7/8” AS30 BOLTS H0500/NUTS H0400.
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS.

SECTION “C” TRANSVERSE PARTITION COLUMN TO CHANNEL
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS.

SECTION “D-D” FULL HEIGHT SECTION AT PARTITION WALL
SEE WALL SHEETING ERECTOR NOTES FOR WALL PANEL FASTENER LOCATIONS.

IH0030.DWG

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

DETAIL NAME IF APPLICABLE
IH0030.DWG

7.4.5
LONGITUDINAL PARTITION WALL

8" SYSTEM NOTE: USE 1/2" x 1-1/4" A325 BOLTS/NUTS U.N.O.
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS.
SEE STRUCTURAL ELEVATIONS FOR GRT/COLUMN MARK NUMBERS.
** = FASTEN AT 3'-0" G.C. MAX (FASTENERS NOT BY NUCOR).
IH0050 – LONGITUDINAL PARTITION WALL SECTION CUTS

SECTION "A" LONGITUDINAL PARTITION WALL GIRT TO COLUMN

NOTE: USE (6) 1 1/2" x 1 1/4" AS25 BOLTS H10000/WN8.8-H10000, REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS.

SECTION "B" GIRT CONNECTION TO VERTICAL CEE SUPPORT

NOTE: USE (4) 1 1/2" x 1 1/4" AS25 BOLTS H10000/WN8.8-H10000, REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS.

SECTION "C" LONGITUDINAL PARTITION WALL TO RAFTER

NOTE: USE (4) 1 1/2" x 1 1/4" AS25 BOLTS H10000/WN8.8-H10000, REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS.

SECTION "D-D" FULL HEIGHT SECTION AT PARTITION WALL

SEE WALL SHEETING ERECTOR NOTES FOR WALL PANEL FASTENER LOCATIONS
IH0070 – LONGITUDINAL PARTITION WALL SECTION CUTS – JOISTS TO STRUT CONN.

SECTION "A" LONGITUDINAL PARTITION WALL GIRT TO COLUMN

NOTE: USE (6) 1/2" X 1 1/4" AS27 BOLTS HS050/NUTS HD040. REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS.

SECTION "B" GIRT CONNECTION TO VERTICAL CEE SUPPORT

NOTE: USE (2) 1/2" X 2" AS26 BOLTS HS031/NUTS HD030. CLIP TO WEB CONNECTION BOLT TIGHTENED AND BURR THREADS.

SECTION "C" LONGITUDINAL PARTITION WALL TO RAKER

NOTE: USE (4) 3/4" X 3 3/4" AS27 BOLTS HS040/NUTS HD040. REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS.

SECTION "D" FULL HEIGHT SECTION AT PARTITION WALL

NOTE: USE (2) 1/2" X 1 1/4" AS27 BOLTS HS050/NUTS HD040. CLIP TO WEB CONNECTION BOLT TIGHTENED AND BURR THREADS.

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

DETAIL NAME IF APPLICABLE
IH0070.DWG

PRODUCT & ENGINEERING MANUAL

7.4.8
DRAFT CURTAIN DETAILS

IJ0010 – TRANSVERSE DRAFT CURTAIN W/ PURLINS – HORIZONTAL BOTTOM SUPPORT

ERECTION NOTES:
1) DIAGONAL & VERTICAL SUPPORTS RUN WITH THE ROOF SLOPE
2) SEE ELEVATION DRAWINGS FOR SUPPORT LOCATIONS
3) VERTICAL SUPPORTS ARE TO HAVE A MAXIMUM SPACING OF 11" – 0"
4) FIELD COPE PANELS AT PURLINS AS REQUIRED

DRAFT CURTAIN DETAIL
TRANSVERSE DRAFT CURTAIN

IJ0010
IJ0020 – TRANSVERSE DRAFT CURTAIN W/ PURLINS – PARALLEL SUPPORTS

ERECTION NOTES:
1) DIAGONAL & VERTICAL SUPPORTS RUN WITH THE ROOF SLOPE
2) SEE ELEVATION DRAWINGS FOR SUPPORT LOCATIONS
3) VERTICAL SUPPORTS ARE TO HAVE A MAXIMUM SPACING OF 11'-0"
4) FIELD COPE PANELS AT PURLINS AS REQUIRED

DRAFT CURTAIN DETAIL
TRANSVERSE DRAFT CURTAIN

SECTION A
IJ0040 – TRANSVERSE DRAFT CURTAIN W/ JOISTS – HORIZONTAL BOTTOM SUPPORT

**ERECTION NOTES:**
1) DIAGONAL & VERTICAL SUPPORTS RUN WITH THE ROOF SLOPE
2) SEE ELEVATION DRAWINGS FOR SUPPORT LOCATIONS
3) VERTICAL SUPPORTS ARE TO HAVE A MAXIMUM SPACING OF 11'-0"
4) FIELD COPE PANELS AT JOISTS AS REQUIRED

**SECTION A**
RAFTERS NOT SHOWN FOR CLARITY

**DIAGRAM:**
- RAFTER
- TRIM MK. PF (1) PER JOIST SPACE
- H1060 FASTENERS AT 36" O.C.
- ANGLE MK. MAR02
- JOIST

**DIAGONAL SUPPORT**
- MK. DFC
- USE (2) H1020 FASTENERS PER END

**VERTICAL SUPPORT**
- MK. DFC
- USE (2) TEX 3 SCREWS
- H1020 PER END

**DRAFT CURTAIN WALL PANEL**
- H1040 FASTENERS AT 12" O.C.
- CAP TRIM MK. HTD121

**FIELD WELD**

**MAR02 SPLICE DETAIL**
- 2" X 3" X 20'-0" ANGLE MK. MAR02
- USE (2) H1020 FASTENERS AT ATTACHMENT LOCATIONS (ALSO SEE MAR02 SPLICE DETAIL)

**FIELD WELD**

**DRAFT CURTAIN DETAIL AT JOIST**
TRANSVERSE DRAFT CURTAIN

**IJ0040**

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

**DETAIL NAME IF APPLICABLE**
IJ0040.DWG

**7.4.11**
IJ0060 – TRANSVERSE DRAFT CURTAIN W/ JOISTS – AWAY FROM MAIN FRAME RAFTER

DRAFT CURTAIN DETAIL AT JOIST

IJO060

IJ0060.DWG
IJ0070 – LONGITUDINAL DRAFT CURTAIN W/ JOISTS

ERECTION NOTES:
1) SEE ELEVATION DRAWINGS FOR SUPPORT LOCATIONS
2) HORIZONTAL SUPPORT MUST BE FASTENED TO (2) JOISTS
3) FIELD CUT PANELS AT RAPETERS AS REQUIRED

DRAFT CURTAIN DETAIL
LONGITUDINAL DRAFT CURTAIN

IJ0070

SECTION A

FIELD WELD
(TYPICAL)

HORIZONTAL SUPPORT WK.
DFC01 USE (2) TEK 3
SCREWS H1020 PER END

DIAGONAL SUPPORT WK.
DFC___ USE (2) TEK 3
SCREWS H1020 PER END

VERTICAL SUPPORT WK.
DFC___ USE (2) TEK 3
SCREWS H1020 PER END

2" x 3" x 20"-0 ANGLE
WK. MAR02 WITH (2)
H1020 FASTENERS AT
ATTACHMENT LOCATIONS

CAP TRIM WK. HTD121
H1060 FASTENERS AT 36" O.C.

(ROOF STEEL LINE)
TOP OF PURLIN
TOP OF PANEL

H1060
FASTENERS
AT 36" O.C.
CAP TRIM
WK. G7A01

JOIST

FIELD WELD

(3) H1020
FASTENERS AT 12" O.C.
(TYPICAL TOP AND
BOTTOM)

2" x 3" x 20"-0 ANGLE
WK. MAR02 WITH (2)
H1020 FASTENERS AT
ATTACHMENT LOCATIONS

DIAGONAL SUPPORT
WK. DFC___ USE
(2) TEK 3 SCREWS
H1020 PER END

VERTICAL SUPPORT
WK. DFC___ USE
(2) TEK 3 SCREWS
H1020 PER END

2" x 3" x 20"-0 ANGLE
WK. MAR02 WITH (2)
H1020 FASTENERS AT
ATTACHMENT LOCATIONS

MAR02 SPLICE DETAIL
RECESSED ENDWALL DETAILS

GA0002 – RECESSED ENDWALL DETAIL

SECTION “B”

PARTITION FLASHING MUST BE CUT TO LENGTH AND NOTCHED IN THE FIELD. FIELD WORK OF FLASHING WILL BE REQUIRED AT ALL PURLINS, EAVES AND RIDGES.

SECTION “A”

PURLIN

“B”

PARTITION FLASHING

MK. “FF_01”

(PIT SNUG AGAINST ROOF INSULATION)

(ROOFLINE TRIM COLOR)

STITCH FASTENER

MK. H1060

RAKE RETAINER

TRIM MK. RRA01

ENDWALL PANEL

ANGLE MK. MAR01 (L.L.V.)

DO NOT INSTALL SCREWS IN TRIM HERE

PANEL CLOSURE

MK. H3420 @ CLASSIC PANEL

MK. H3410 @ REVERSE CLASSIC PANEL

MK. H3420 @ ACCENT PANEL

ROOF SHEETING AND ROOF INSULATION NOT SHOWN FOR CLARITY

PANEL NOT SHOWN HERE FOR CLARITY

STITCH FASTENER

MK. H1060 (AS REQUIRED TO HOLD PF_01 IN PLACE)

RECESSED ENDWALL DETAIL

AT EXPOSED RECESSED ENDWALL

GA0002.DWG