NOTE:
THIS CONSTRUCTION HANDBOOK DEPICTS CONDITIONS AND ERECTION PROCEDURES FOR A STANDARD BUILDING. IN CASE OF A CONFLICT BETWEEN THIS MANUAL AND THE ERECTION DRAWINGS, THE ERECTION DRAWINGS WILL TAKE PRECEDENCE.

IF THERE ARE ANY QUESTIONS REGARDING PROPER ERECTION PROCEDURES OR INSTALLATION OF PARTS OR MATERIALS, YOU SHOULD CONTACT:
MILLER BUILDINGS SYSTEMS, INC.
PLANT: (717) 866-2319
SALES OFFICE: (215) 233-9300
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Condition/Installation</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditions at Base</td>
<td>MS-110</td>
</tr>
<tr>
<td>Interior Frame Flush Girts</td>
<td>MS-120</td>
</tr>
<tr>
<td>Endwall Frame Flush Girts</td>
<td>MS-121</td>
</tr>
<tr>
<td>Interior Frame Bypass Girts</td>
<td>MS-130</td>
</tr>
<tr>
<td>Endwall Frame Bypass Girts</td>
<td>MS-131</td>
</tr>
<tr>
<td>Standard Purlin &amp; Girt Laps</td>
<td>MS-140</td>
</tr>
<tr>
<td>Standard Purlin &amp; Girt Laps</td>
<td>MS-141</td>
</tr>
<tr>
<td>Eave Strut Connections</td>
<td>MS-142</td>
</tr>
<tr>
<td>Standard Punching Cee's &amp; Zee's</td>
<td>MS-143</td>
</tr>
<tr>
<td>Standard Punching Eave Struts</td>
<td>MS-144</td>
</tr>
<tr>
<td>Bearing Frame EW CEE Endrafter</td>
<td>MS-150</td>
</tr>
<tr>
<td>Bearing Frame EW Mill Endrafter</td>
<td>MS-151</td>
</tr>
<tr>
<td>Roof Bridging/Diaphragm Install</td>
<td>MS-155</td>
</tr>
<tr>
<td>Wall Bridging Installation</td>
<td>MS-156</td>
</tr>
<tr>
<td>Wall Panel Installation</td>
<td>MS-160</td>
</tr>
<tr>
<td>Wall Panel Fastener Spacing</td>
<td>MS-161</td>
</tr>
<tr>
<td>Roof Panel Installation</td>
<td>MS-162</td>
</tr>
<tr>
<td>Roof Panel Fastener Spacing</td>
<td>MS-163</td>
</tr>
<tr>
<td>Standard Skylight Installation</td>
<td>MS-164</td>
</tr>
<tr>
<td>UL90 Skylight Installation</td>
<td>MS-165</td>
</tr>
<tr>
<td>Wall Light Installation</td>
<td>MS-166</td>
</tr>
<tr>
<td>Framed Opening for OH Door</td>
<td>MS-170</td>
</tr>
<tr>
<td>Personal Door Installation</td>
<td>MS-180</td>
</tr>
<tr>
<td>Window Installation w/Zee Girt</td>
<td>MS-190</td>
</tr>
<tr>
<td>Window Installation w/Cee Girt</td>
<td>MS-191</td>
</tr>
<tr>
<td>Window Install w/Zee Girt &amp; Liner</td>
<td>MS-192</td>
</tr>
<tr>
<td>Window Install w/Cee Girt &amp; Liner</td>
<td>MS-193</td>
</tr>
<tr>
<td><strong>PR</strong> Roof Trim Sections</td>
<td>RPT-101</td>
</tr>
<tr>
<td><strong>PR</strong> Roof Trim Sections</td>
<td>RPT-102</td>
</tr>
<tr>
<td><strong>PR</strong> Wall Trim Sections</td>
<td>RPT-103</td>
</tr>
<tr>
<td><strong>PR</strong> Wall Trim Sections</td>
<td>RPT-104</td>
</tr>
<tr>
<td><strong>PR</strong> Roof Fastener Spacing</td>
<td>RPT-105</td>
</tr>
<tr>
<td><strong>PR</strong> Wall Fastener Spacing</td>
<td>RPT-106</td>
</tr>
<tr>
<td><strong>PR</strong> Roof Trim Sections</td>
<td>RPT-107</td>
</tr>
<tr>
<td>Ultra-Dek Roof Trim Sections</td>
<td>UDT-101</td>
</tr>
<tr>
<td>Ultra-Dek Roof Trim Sections</td>
<td>UDT-102</td>
</tr>
<tr>
<td>Ultra-Dek Roof Trim Sections</td>
<td>UDT-103</td>
</tr>
<tr>
<td>Ultra-Dek Roof Trim Sections</td>
<td>UDT-104</td>
</tr>
<tr>
<td>Ultra-Dek Roof Trim Sections</td>
<td>UDT-105</td>
</tr>
<tr>
<td>Ultra-Dek Roof Trim Sections</td>
<td>UDT-106</td>
</tr>
<tr>
<td>Ultra-Dek Roof Trim Sections</td>
<td>UDT-107</td>
</tr>
</tbody>
</table>
1. BASE ANGLE (STANDARD BASE CONDITION)
   FURNISHED IN 20'-0" STANDARD LENGTHS. BASE ANGLE SHOULD BE OMITTED AT OVERHEAD DOORS, PERSONNEL DOORS, AND FRAMED OPENINGS. BASE ANGLE SHOULD BE ATTACHED WITH NAILS SUPPLIED BY MANUFACTURER.

2. BASE GRT (OPTIONAL) FURNISHED CONTINUOUS BETWEEN COLUMNS. MUST BE FIELD CUT AT PERSONNEL DOORS AND ALL FIELD LOCATED FRAMED OPENINGS.

3. BASE CHANNEL, USED WITH INTERIOR LINER PANELS, WILL BE FURNISHED IN 20'-0" STANDARD LENGTHS. BASE CHANNEL SHOULD BE OMITTED AT OVERHEAD DOORS, PERSONNEL DOORS, AND FRAMED OPENINGS. BASE CHANNEL SHOULD BE ATTACHED WITH NAILS SUPPLIED BY MANUFACTURER.

4. INSIDE CLOSURE (STANDARD) FURNISHED IN 3'-0" LENGTHS AT PERIMETER OF BUILDING AT ALL BASE CONDITIONS. OMIT CLOSURE AT OVERHEAD DOORS, PERSONNEL DOORS, AND WHEN BUILDING IS INSULATED.
Notes:
1. All Bolts Shown Are \( \frac{1}{2} \times 1 \)  
   Machine Bolts U.N.
2. See Roof Framing Plan For 
   Length Of Purlin Laps. Use 
   6 Bolts @ Purlin Lap Conn.
3. See Shts. MS-140 & MS-141 
   For Purlin Lap Details.
4. See Sht. MS-142 For Eave 
   Strut Connection Details.
5. See Frame Cross Section For 
   Flange Brace Locations.
Notes:
1. All Bolts Shown Are \( \frac{1}{2}\)\#10 Machine Bolts U.N.
2. See Roof Framing Plan For Length Of Purlin Laps. Use 6 Bolts @ Purlin Lap Conn.
3. See Shts. MS-140 & MS-141 For Purlin Lap Details.
4. See Sht. MS-142 For Eave Strut Connection Details.
5. See Frame Cross Section For Flange Brace Locations.
$\frac{1}{2} \times \frac{3}{4}$ A-325 BOLTS
2 PER EAVE STRUT

$\frac{3}{8} \times \frac{1}{4}$ A-325 BOLTS
(4 PER EAVE STRUT)

RAFTER

COLUMN

EAVE STRUT

4 BOLT EAVE STRUT CONNECTION
NOTES:
1. Wall fasteners to be color coated to coordinate with panels.
2. Not included when building is to be insulated.
3. For fastener spacing see MS-61.
4. Not included with FL-19 eave trim.
**FASTENER SPACING AT RAKE, EAVE AND BASE**

- **PURLIN BEARING FEATURE**

**INTERMEDIATE FASTENER SPACING**

- **PURLIN BEARING FEATURE**

**SIDELAP DETAIL**

**WALL PANEL FASTENER SPACING**

**STITCH FASTENER 1/4" SCREWS TO BE PLACED AT 2'-0" O.C. (SEE MS-160)**
1. FOR ROOF PANEL INSTALLATION
   SEE MS-162.

2. SKYLIGHT INSTALLATION MATERIALS:
   (PER SKYLIGHT)
   12 #12 SCREWS WITH WASHERS (WHITE)
   15 1/4" SCREWS WITH WASHERS (WHITE)
   ONE 50' ROLL SEALANT

WARNING: Light transmitting panels are not designed or intended to bear the weight of any person walking, standing, or resting on them. MILLER BUILDING SYSTEMS DISCLAIMS ANY REPRESENTATION, EXPRESSED OR IMPLIED, that any person can safely walk, step, stand or rest on or near light transmitting panels or that they comply with OSHA regulation.

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BUILDING SYSTEMS

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ERECTION STANDARDS
STANDARD SKYLIGHT INSTALLATION

ISSUE DATE DRAWING
A 05/01/08 MS-164
NOTES:
1. FOR ROOF PANEL INSTALLATION
   SEE MS-62.
2. SKYLIGHT INSTALLATION MATERIALS:
   (PER SKYLIGHT)
   2 PIECES OF ‘R’ HAT SECTION
   2 PIECES OF 3’ ‘R’ PANEL
   20 #12 SCREWS WITH WASHERS (WHITE)
   24 1/4” SCREWS WITH WASHERS (WHITE)
   ONE 50’ ROLL SEALANT

WARNING: Light transmitting panels are not designed or intended to bear the weight of anyone walking, standing, or resting on them. MILLER BUILDING SYSTEMS DISCLAIMS ANY REPRESENTATION, EXPRESSED OR IMPLIED, THAT ANY PERSON CAN SAFELY WALK, STAND, OR REST ON OR NEAR LIGHT TRANSMITTING PANELS OR THAT THEY COMPLY WITH OSHA REGULATIONS.

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ERECTION STANDARDS
UL90 SKYLIGHT INSTALLATION

ISSUE A
DATE 05/01/06
DRAWING MS-165
NOTE:
FIELD CUT WALL PANEL TO LENGTH REQUIRED AT WALL LIGHT. WALL PANEL TO WALL LIGHT LAP MAY BE AT A GIRT OR NEAR THE END OF THE LIGHT PANEL. A MIN LAP OF 3" IS REQUIRED AT BOTH LOCATIONS.

VERTICAL SECTION THRU WALL LIGHT
JAMB CONNECTION AT ENDWALL

EAVE STRUT
WALL PANEL
1/2" x 1" MACHINE BOLTS
#12 SCREW @ 1'-0" O.C.

FIELD DRILL 9/16" HOLES AND ATTACH JAMB TO EAVE STRUT WITH 1/2" x 1" MACHINE BOLTS

OVERHEAD DOOR (OPTIONAL)
HEADER

NOTE:
ATTACH DOOR TRIM TO FRAME WITH #12 SCREWS.

VERTICAL SECTION THRU DOOR OPENING
AT SIDEWALL

SECTION THRU JAMB

SECTION THRU JAMB WITH LINER PANEL

1/2" x 1" MACHINE BOLTS
HEADER
JAMB
JAMB TRIM
WALL PANEL
#12 SCREW @ 1'-0" O.C.

NOTE:
EXTEND HEAD TRIM OVER THE TOP OF JAMB TRIM. NOTCH WALL PANEL FOR HEAD TRIM.

JAMB TRIM
1/2" x 1" MACHINE BOLTS
GRT
ANCHOR BOLTS

ELECTION STANDARDS
FRAMED OPENING FOR OVERHEAD DOOR

ISSUE: Delta
DATE: 05/01/08
DRAWING: MS-170

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GENERAL NOTES

1. Personnel doors are to be field located after paneling the walls. The door should be located with jambbs at center of a major Rb.

2. Door frames are shipped unassembled for field assembly.

3. Glass and putty for glazing are not furnished by Miller Building Systems (unless specified).

4. The following installation procedure is for installing a door under standard conditions.

INSTALLATION PROCEDURE

A. Assemble the door frame. Attach header to jamb with four 1/4" x 1/" round head stove bolts.

B. Set frame in place. Plumb hinge jamb and anchor to foundation.

C. Attach header to girt with #12 screws @ 1'-0" O.C.

D. Hang the door leaf.

E. Adjust striker jamb to correct position and anchor to foundation.

F. Attach head and jamb trim to the door frame with #12 screws.

G. Stand subjamb against door jamb and attach to girt and foundation.

H. When intermediate girt is used, field cut at door and attach to subjamb with two #12 screws.

I. Install the lockset using the instructions included with the lockset.

J. Drill 9/16" holes in foundation for expansion shields, to match holes in the threshold, and attach threshold with #10 wood screws.

MILLER BUILDING SYSTEMS
311 W. LINCOLN AVE., MYERSTOWN, PA. 17067

ERECTION STANDARDS
PERSONNEL DOOR INSTALLATION

ISSUE A
DATE 05/01/08
DRAWING MS-160
NOTES:
1. Care should be taken to insure that windows start and stop in the low of a panel.
2. Install windows before sheathing the building.
3. Attach window to framed opening with 4 pop rivets, one rivet in each corner of the window.
4. For buildings with insulation the insulation should be cut so that the insulation extends a minimum of 6" into the framed opening on all 4 sides. The fiberglass should be removed from this extended insulation to form a vinyl tab that should then be tucked back over the fiberglass insulation to protect it from water. (See insulation tab detail.)
5. Field cut wall panels to fit snug against the window.
6. Panels should be attached so that screws in head, sill, and jambs of windows screw thru the window frame and into the structure.
7. Caulk all around window to create a weathertight seal.
8. Snap cap trim has a tight fit on the head and sill of the window. Push down on the sill while closing snap cap to allow enough room to keep it from scratching the head and sill.
9. Caulk the entire length of the snap cap trim onto and including the head and sill with silicon caulk to match the window color.
10. For retrofit installation, remove wall panels and proceed to Note I.
# Technical Drawing of Window Installation with Zee Girt and Liner

**Horizontal Section Thru Window**

1. **#12 Screw @ 6 O.C.** (Hold 1’ above head of window frame)
2. **Field Notch Window Head 1/4” x 1/2” @ Ea. Jamb to Allow the Wall Panel to Slide into the Head)
3. **Field Cut Panel to Fit Tight Against Window Frame**
4. **Attach Wall Panel to Jamb with #12 Screw @ 24” O.C.**
5. **Trim Leg as Req’d to Fit Panel (Score Leg with Knife & Marked Location Then Break with Duckbills)**
6. **Vertical Section Thru Window**

**NOTES:**
- Care should be taken to insure that windows start and stop in the low of a panel.
- Install windows before sheeting the building.
- Attach window to framed opening with 4 pop rivets. One rivet in each corner of the window.
- For buildings with insulation the insulation should be cut so that the insulation extends a minimum of 6” into the framed opening on all 4 sides. The fiberglass should be removed from this extended insulation to form a vinyl tab that should then be tucked back over the fiberglass insulation to protect it from water. (See insulation tab detail)
- Field cut wall panels to fit snug against the window.
- Panels should be attached so that screws in head, sill and jams of windows screw thru the window frame and into the structure.
- Caulk all around window to create a weather tight seal.
- Snap cap trim has a tight fit @ the head and sill of the window. Push down on the sill while closing snap cap to allow enough room to keep it from scratching the head and sill.
- Caulk the entire length of the snap cap trim onto and including the head and sill with silicon caulk to match the window color.
- For retrofit installation, remove wall panels and proceed to note 1.

**Special Header Chart**

<table>
<thead>
<tr>
<th>Window Width</th>
<th>Header Mark</th>
<th>Header Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1'-0</td>
<td>SH09</td>
<td>0'-9</td>
</tr>
<tr>
<td>2'-0</td>
<td>SH21</td>
<td>1'-9</td>
</tr>
<tr>
<td>3'-0</td>
<td>SH33</td>
<td>2'-9</td>
</tr>
<tr>
<td>4'-0</td>
<td>SH45</td>
<td>3'-9</td>
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<tr>
<td>5'-0</td>
<td>SH57</td>
<td>4'-9</td>
</tr>
<tr>
<td>6'-0</td>
<td>SH69</td>
<td>5'-9</td>
</tr>
<tr>
<td>7'-0</td>
<td>SH81</td>
<td>6'-9</td>
</tr>
<tr>
<td>8'-0</td>
<td>SH93</td>
<td>7'-9</td>
</tr>
<tr>
<td>9'-0</td>
<td>SH05</td>
<td>8'-9</td>
</tr>
</tbody>
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* Window Width is Nominal Width

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**Window Installation with Zee Girt & Liner**

**Erection Standards**

**Miller Building Systems**

311 W. Lincoln Ave.

Myerstown, PA. 17067

**Issue A**

05/01/88 Drawing MS-192
FIELD CUT PANEL TO FIT TIGHT AGAINST WINDOW FRAME

ATTACH WALL PANEL TO JAMBS WITH #12 SCREW @ 24" O.C.

WALL PANEL

#12 SCREW @ 12" O.C. (HOLD 1" ABOVE HEAD OF WINDOW FRAME)

FIELD NOTCH WINDOW HEAD 1/4" x 1 1/2" EA. (JAMB TO ALLOW THE WALL PANEL TO SLIDE INTO THE HEAD)

VERTICAL SECTION THRU WINDOW

HORIZONTAL SECTION THRU WINDOW

NOTES:
1. CARE SHOULD BE TAKEN TO INSURE THAT WINDOWS START AND STOP IN THE LOW OF A PANEL.
2. INSTALL WINDOWS BEFORE SHEETING THE BUILDING.
3. ATTACH WINDOW TO FRAMED OPENING WITH 4 POP RIVETS, ONE RIVET IN EACH CORNER OF THE WINDOW.
4. FOR BUILDINGS WITH INSULATION THE INSULATION SHOULD BE CUT SO THAT THE INSULATION EXTENDS A MINIMUM OF 6" INTO THE FRAMED OPENING ON ALL 4 SIDE. THE FIBERGLASS SHOULD BE REMOVED FROM THIS EXTENDED INSULATION TO FORM A VINYL TAB THAT SHOULD THEN BE TUCKED BACK OVER THE FIBERGLASS INSULATION TO PROTECT IT FROM WATER. (SEE INSULATION TAB DETAIL)
5. FIELD CUT WALL PANELS TO FIT SNUG AGAINST THE WINDOW.
6. PANELS SHOULD BE ATTACHED SO THAT SCREWS IN HEAD, SILL AND JAMBS OF WINDOWS SCREW THRU THE WINDOW FRAME AND INTO THE STRUCTURE.
7. CAULK ALL AROUND WINDOW TO CREATE A WEATHERTIGHT SEAL.
8. SNAP CAP TRIM HAS A TIGHT FIT @ THE HEAD AND SILL OF THE WINDOW. PUSH DOWN ON THE SILL WHILE CLOSING SNAP CAP TO ALLOW ENOUGH ROOM TO KEEP IT FROM SCRATCHING THE HEAD AND SILL.
9. CAULK THE ENTIRE LENGTH OF THE SNAP CAP TRIM ONTO AND INCLUDING THE HEAD AND SILL WITH SILICONE CAULK TO MATCH THE WINDOW COLOR.
10. FOR RETROFIT INSTALLATION, REMOVE WALL PANELS AND PROCEED TO NOTE 1.
GENERAL NOTES

1. SHEETING ANGLE AT BASE (STANDARD) FURNISHED IN 20'-0" LENGTHS. SHEETING ANGLE SHOULD BE OMITTED AT OVERHEAD DOORS, PERSONNEL DOORS, AND FRAMED OPENINGS. SHEETING ANGLE SHOULD BE ATTACHED WITH NAILINS SUPPLIED BY MILLER.

2. BASE CHANNEL, USED WITH INTERIOR LINER PANELS, WILL BE FURNISHED IN 20'-0" LENGTHS. BASE CHANNEL SHOULD BE OMITTED AT OVERHEAD DOORS, PERSONNEL DOORS, AND FRAMED OPENINGS. BASE CHANNEL SHOULD BE ATTACHED WITH NAILINS SUPPLIED BY MILLER.

3. BASE GIRT (OPTIONAL) FURNISHED CONTINUOUS BETWEEN COLUMNS, WILL BE FIELD CUT IN SOME CASES AT OVERHEAD DOORS, PERSONAL DOORS, AND FRAMED OPENINGS.

4. INSIDE CLOSURE (STANDARD) FURNISHED IN 3'-0" LENGTHS AT PERIMETER OF BUILDING AT ALL BASE CONDITIONS. OMIT CLOSURE AT OVERHEAD DOORS, PERSONNEL DOORS, AND WHEN BUILDING IS INSULATED.
Sidelap Fasteners @ Each Purlin & Eave Strut
2 Fasteners Between Supports. (20" O.C Max Spacing)

Sidelap Fastener Spacing

2 1/4" 2 1/4" 7 1/2" 4 1/2" 7 1/2" 4 1/2" 7 1/2" 2 1/4" 2 1/4"

36'

Sidelap Detail

Stich Fastener
#14 x 1" ZAC Self Drilling Screw
Rope Seal

NOTE:
Attach Roof Panel to Structure
W/#12 x 1" ZAC Self Drilling Screws
For Building Without Insulation
Or #12 x 1 1/2" ZAC Self Drilling Screws
For Buildings With Insulation

Fastener Spacing @ End of Panels
(Typ @ Eave Struts, Panel Splices, & Peak Purlins)

36'

Fastener Spacing @ Intermediate Purlins
3'-0"

2 1/4 2 1/4 7 1/4 4 1/2 7 1/4 4 1/2 7 1/4 2 1/4 2 1/4

- #12 x 1" HWH Screw (Typ @ PNL to Struct)
- Fastener Spacing @ Panel End Supports (Rake, Eave, Base & Panel Splice)

3'-0"

2 1/4 1'-0" 1'-0" 1'-0"

- #12 x 1" HWH Screw (Typ @ PNL to Struct)
- Fastener Spacing @ Intermediate Supports (Panel Ends & Splices)

3'-0"

6" 6" 6" 6" 6" 6"

- #12 x 3/4" HWH Screw (Typ @ PNL to Struct)
- Fastener Spacing @ Panel End Supports (Panel Ends & Splices)

PARTITION PANEL FASTENER SPACING

3'-0"

- Wall Panel Fastener Spacing
- Wall Panel Sidelap

- #14 x 7/8" HWH Screw @ 24" O.C. (Typ @ PNL to PNL)
VERTICAL SECTION THRU PARTITION

HORIZONTAL SECTION THRU PARTITION
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EAVE WITH EAVE TRIM

HIGH EAVE TRIM

LEAN-TO TIE-IN TRIM

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ERECTION STANDARDS
ULTRA-DEK ROOF
TRIM SECTIONS
ISSUE A
05/01/06
UDT-102
RIDGE @ GABLE EXTENSION

FASTENER #4 (RC) @ 6" OC

TRI-BEAD TAPE SEALER CONTINUOUS ACROSS TOP OF CLOSURE

ULTRA-DEK PANEL

PURLIN

FASTENER #1 (PL) (6 PER PANEL)

FASTENER #1 (PL) (2 PER CLIP)

SOFFIT PANEL

CLOSURE

SOFFIT TRIM CT-MBS36

POP RIVET (SC) @ 12" OC

RIDGE FLASHING (RC)

FASTENER #1M (PL) (3 PER PANEL)

METAL OUTSIDE CLOSURE

TRI-BEAD TAPE SEALER

ULTRA-DEK PANEL

CLIP
**EAVE WITH EAVE TRIM**

- **FASTENER #4 (RC) 12" O.C.**
- **FASTENER #1 (PL) 12" O.C.**
- **OFFSET PANEL CAP TRIM MK. SF-271**
- **SIDEWALL "PBR" PANEL**
- **TRI-BEAD TAPE SEALER**

---

**HIGH EAVE TRIM**

- **FASTENER #4 (RC) 6" O.C.**
- **FASTENER #1 (PL) 12" O.C.**
- **OUTSIDE CLOSURE**
- **SIDEWALL "PBR" PANEL**
- **TRI-BEAD TAPE SEALER**
- **METAL OUTSIDE CLOSURE**
- **BACKUP PLATE**
- **FASTENER #1 (PL) 2 PER CLIP**
- **FASTENER #1 (PL) 5 PER PANEL**
- **FASTENER #4 (RC) 6" O.C.**

---

**LEAN-TO TIE-IN TRIM**

- **SIDEWALL "PBR" PANEL**
- **TIE-IN TRIM**
- **FASTENER #4 (RC) 6" O.C.**
- **TRI-BEAD TAPE SEALER CONT. ACROSS TOP OF CLOSURE**
- **BATTENLOK PANEL**
- **GIRT**
- **BACKUP PLATE**
- **FASTENER #1 (PL) 5 PER PANEL**
- **FASTENER #1 (PL) 2 PER CLIP**
- **PURLIN**
- **TRI-BEAD TAPE SEALER**
GUTTER @ GABLE EXTENSION

FASTENER #4 (RC)
GUTTER STRAP

FASTENER #1M (RC)
(PANEL TO EAVE PLATE
FASTENER - 4 PER PANEL)

GUTTER STRAP (FL-246)
@ 32° 0.C.

EAVE PLATE

FASTENER #4
(RC) @ 12° 0.C.

GUTTER

FASTENER #4
(RC) @ 12° 0.C.

TRI-BEAD TAPE SEALER

GUTTER STRAP (FL-246)
@ 32° 0.C.

EAVE PLATE

FASTENER #1
(PL) @ 12° 0.C.

TRI-BEAD TAPE SEALER

SOFFIT TRIM
CT-MBS35

#12 SCREWS
(SC) @ 12° 0.C.

SOFFIT PANEL

FASTENER #1M (TC)
@ 24° 0.C.

FASTENER #1 (PL)
@ 24° 0.C.

RAKE SUPPORT ANGLE
BATTENLOK PANEL

RAKE TRIM

SHEETING ANGLE

FASTENER #12 (PL)
@ EA. PURLIN

FASTENER #14 SCREW
(TC) @ 24° 0.C

HEAD TRIM
MK. FL-26C

ENDWALL PANEL

OUTSIDE CLOSURE

SEE PLAN

SECTION THRU GABLE EXTENSION

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ERECTION STANDARDS
BATTENLOK ROOF
TRIM SECTIONS
ISSUE A
DATE 05/01/08
DRAWING BLT-105
RIDGE FLASHING (RC)

FASTENER #10 (PL) (ONE PER PANEL)

METAL OUTSIDE CLOSURE

TRI-BEAD TAPE SEALER

BATTENLOK PANEL

PURLIN

FASTENER #17 (PL) (4 PER PANEL)

FASTENER #18 (PL) (2 PER CLIP)

BATTENLOK PANEL

CLIP

SOFFIT PANEL

CLOSURE

SOFFIT TRIM CT-MBS36

POP RIVET (SC) @ 12" O.C.

RIDGE @ GABLE EXTENSION
EAVE WITH GUTTER

FASTENER #4 (RC)
(PANEL TO EAVE PLATE
FASTENER - 8 PER PANEL)

2' LONG DOUBLE BEAD TAPE
SEALER @ PANEL RIBS OVER
INSIDE CLOSURE

GUTTER STRAP (FL-246)
@ 24" O.C.

METAL INSIDE CLOSURE

EAVE PLATE

GUTTER

TRI-BEAD TAPE
SEALER

FASTENER #4
(RC) @ 12" O.C.

OFFSET PANEL CAP
TRIM MK. FL-271

SIDEWALL "PBR" PANEL

EAVE STRUT

RIDGE FLASHING (RC)

FASTENER #4 (RC) @ 6" O.C.

TRI-BEAD TAPE SEALER
CONTINUOUS ACROSS
TOP OF CLOSURE

DOUBLE-LOK PANEL

PURLIN

BACKUP PLATE

FASTENER #1 (PL)
(6 PER PANEL)

FASTENER #1 (PL)
(2 PER INSIDE
CLOSURE)

METAL OUTSIDE
CLOSURE

DOUBLE-LOK PANEL

CLIP

ERECTION STANDARDS

DOUBLE-LOK ROOF
TRIM SECTIONS

ISSUE    DATE    DRAWING
A  05/01/08    DLT-101

MILLER
BUILDING SYSTEMS

311 W. LINCOLN AVE,
MYERSTOWN, PA. 17067
RIDGEB닥 GABLE EXTENSION
SECTION THRU EAVE EXTENSION
RIDGEBLOCK \@ GABLE EXTENSION

FASTENER \#4 (RC) \@ 6" O.C.
TRI-BEAD TAPE SEALER CONT. ACROSS TOP OF CLOSURE

SUPERLOK PANEL

PURLIN

SOFFIT PANEL
CLOSEURE

SOFFIT TRIM CT-MBS36
POP RIVET (SC) \@ 12" O.C

FASTENER \#17 (PL) (4 PER PANEL)
FASTENER \#18 (PL) (2 PER CLIP)

METAL OUTSIDE CLOSURE
TRI-BEAD TAPE SEALER

SUPERLOK PANEL

CLIP

FASTENER \#1M (PL) (ONE PER PANEL)
RIDGEBLOCK FLASHING (RC)
COLOR

23\%

102°

156°

3 1/2

4 3/4

4 3/4

2

3 1/2

(ULTRA-DEK ROOF & R PANEL SOFFIT 8" PURLINS)

EXT. RAKE TRIM ~ MK. CT-MBS42

GIRTH=22 5/8

CT-MBS42 x 10'-2
CT-MBS42A x 20'-2

COLOR

23\%

102°

156°

5 1/2

4 3/4

4 3/4

2

3 1/2

(ULTRA-DEK ROOF & U PANEL SOFFIT 10" PURLINS)

EXT. RAKE TRIM ~ MK. CT-MBS43

GIRTH=24 5/8

CT-MBS43 x 10'-2
CT-MBS43A x 20'-2

COLOR

23\%

102°

156°

3 1/2

4 3/4

4 3/4

2

3 1/2

(ULTRA-DEK ROOF & R PANEL SOFFIT 10" PURLINS)

EXT. RAKE TRIM ~ MK. CT-MBS44

GIRTH=24 5/8

CT-MBS44 x 10'-2
CT-MBS44A x 20'-2
COLOR
2 3½
7 4½
4½
3½
102°
156°
23½
4½
4½
102°
156°
7½
4½
4½
102°
102°
2 3½

(ULTRA-DEK ROOF & U PANEL SOFFIT
12' PURLINS)

EXT. RAKE TRIM ~ MK. CT-MBS45

GIRTH-26½
CT-MBS45 x 10'-2
CT-MBS45A x 20'-2

COLOR
2 3½
7 4½
4½
3½
102°
156°
23½
4½
4½
102°
156°
7½
4½
4½
102°
102°
2 3½

(ULTRA-DEK ROOF & R PANEL SOFFIT
12' PURLINS)

EXT. RAKE TRIM ~ MK. CT-MBS46

GIRTH-26½
CT-MBS46 x 10'-2
CT-MBS46A x 20'-2
**LOW EAVE TRIM ~ MK. CT-MBS50**

Girth-18 1/2
CT-MBS50 x 10'-2
CT-MBS50A x 20'-2

**LOW EAVE TRIM ~ MK. CT-MBS51**

Girth-19
CT-MBS51 x 10'-2
CT-MBS51A x 20'-2

**LOW EAVE TRIM ~ MK. CT-MBS52**

Girth-18 1/6
CT-MBS52 x 10'-2
CT-MBS52A x 20'-2

**LOW EAVE TRIM ~ MK. CT-MBS53**

Girth-13 1/2
CT-MBS53 x 10'-2
ANGLE - 90°
+ ANGLE OF ROOF PITCH

EAVE EXT. TRIM ~ MK. CT-MBS54

GIRTH=12\(\frac{3}{4}\)
CT-MBS54 x 10'-2

EAVE EXT. TRIM ~ MK. CT-MBS55

GIRTH=9\(\frac{1}{2}\)
CT-MBS55 x 10'-2

TIE-IN TRIM ~ MK. CT-MBS56

GIRTH=11\(\frac{1}{2}\)
CT-MBS56 x 10'-2
311 W. LINCOLN AVE.
MYERSTOWN, PA. 17067

(R PNL ROOF & NO SOFFIT)
EXT. RAKE TRIM ~ MK. CT-MBS57

GIRTH-23*/8
CT-MBS57 x 10'-2
CT-MBS57A x 20'-2

COLOR

14 3/4
1/4

ANGLE - 90°
+ ANGLE OF
ROOF PITCH

TIE-IN TRIM ~ MK. CT-MBS59

GIRTH-12 1/2
CT-MBS59 x 10'-2

COLOR

2 3 1/2

(ULTRA-DEK ROOF & NO SOFFIT
8' PURLINS)

EXT. RAKE TRIM ~ MK. CT-MBS58

GIRTH-21 3/8
CT-MBS58 x 10'-2
CT-MBS58A x 20'-2

COLOR

2 3 1/2

MILLER
BUILDING SYSTEMS
311 W. LINCOLN AVE.
MYERSTOWN, PA. 17067

ERECITION STANDARDS
METAL BUILDING
STANDARD TRIM

ISSUE  B  DATE  10/15/07  DRAWING  ST-107
PARTITION TRIM ~ MK. CT-MBS60
Girth = 13 1/2
CT-MBS60 x 5'-0

PARTITION TRIM ~ MK. CT-MBS61
Girth = 3 1/2
CT-MBS61 x 14'-2

PARTITION TRIM ~ MK. CT-MBS62
Girth = 15 1/2
CT-MBS62 x 5'-0
MASONRY TRIM ~ MK. CT-MBS63
GIRTH-5
CT-MBS63 x 14'-2

FASCIA TRIM ~ MK. CT-MBS64
GIRTH-12\(\frac{1}{4}\)
CT-MBS64 x 14'-2

("R" PANEL FRONT AND "U" BACK)

FASCIA TRIM ~ MK. CT-MBS65
GIRTH-17\(\frac{3}{4}\)
CT-MBS65 x 14'-2

MILLER
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ERECTION STANDARDS
METAL BUILDING
STANDARD TRIM

ISSUE DATE DRAWING
B 10/15/07 ST-109
FASCIA TRIM ~ MK. CT-MBS67

Girth: 16 3/4
CT-MBS67 x 14'-2

FASCIA TRIM ~ MK. CT-MBS68

Girth: 23 3/8
CT-MBS68 x 14'-2

FASCIA TRIM ~ MK. CT-MBS69

Girth: 22 3/6
CT-MBS69 x 14'-2
FASCIA TRIM ~ MK. CT-MBS70

GIRTH-21
CT-MBS70 x 14'-2

EAVE EXTENSION TRIM ~ MK. CT-MBS72

GIRTH-14
CT-MBS72 x 10'-2

PARTITION INSIDE CORNER ~ MK. CT-MBS71

GIRTH-17
CT-MBS71 x 14'-2
ANGLE = 90° + ANGLE OF ROOF PITCH

(U PANEL SOFFIT)
EAVE EXT. TRIM ~ MK. CT-MBS73

GIRTH=6
CT-MBS73 x 14'-2

Girth-6½
CT-MBS74 x 14'-2

(R PANEL SOFFIT)
EAVE EXT. TRIM ~ MK. CT-MBS74

Girth-10
CT-MBS77 x 14'-2

(R PNL ROOF & R PANEL SOFFIT)
EXT. RAKE TRIM ~ MK. CT-MBS76

Girth=23⅜
CT-MBS76 x 10'-2
CT-MBS76A x 20'-2

(R PNL ROOF & U PANEL SOFFIT)
EXT. RAKE TRIM ~ MK. CT-MBS75

Girth=23⅜
CT-MBS75 x 10'-2
CT-MBS75A x 20'-2

ELECTION STANDARDS
METAL BUILDING STANDARD TRIM

ISSUE | DATE | DRAWING
C | 10/15/07 | ST-112
DRIP FLASHING ~ MK. CT-MBS78
GIRTH=8\frac{1}{2}
CT-MBS78 x 14'-2

ANGLE = 180
- ANGLE OF THE ROOF PITCH

135°

COLOR

INSULATION TRIM ~ MK. CT-MBS80
GIRTH=18\frac{3}{8}
CT-MBS80 x 14'-2

ANGLE = 180
- ANGLE OF THE ROOF PITCH

(® BLDG PEAK WITH 1ST PURLIN DOWN 9°)

INSULATION TRIM ~ MK. CT-MBS81
GIRTH=25\frac{3}{8}
CT-MBS81 x 14'-2

(® BLDG PEAK WITH 1ST PURLIN DOWN 12°)