ACM
Installation
Instructions

BLAIR COMPANIES

ARCHITECTURAL IMAGING
SIGNS • FIXTURES • LIGHTING

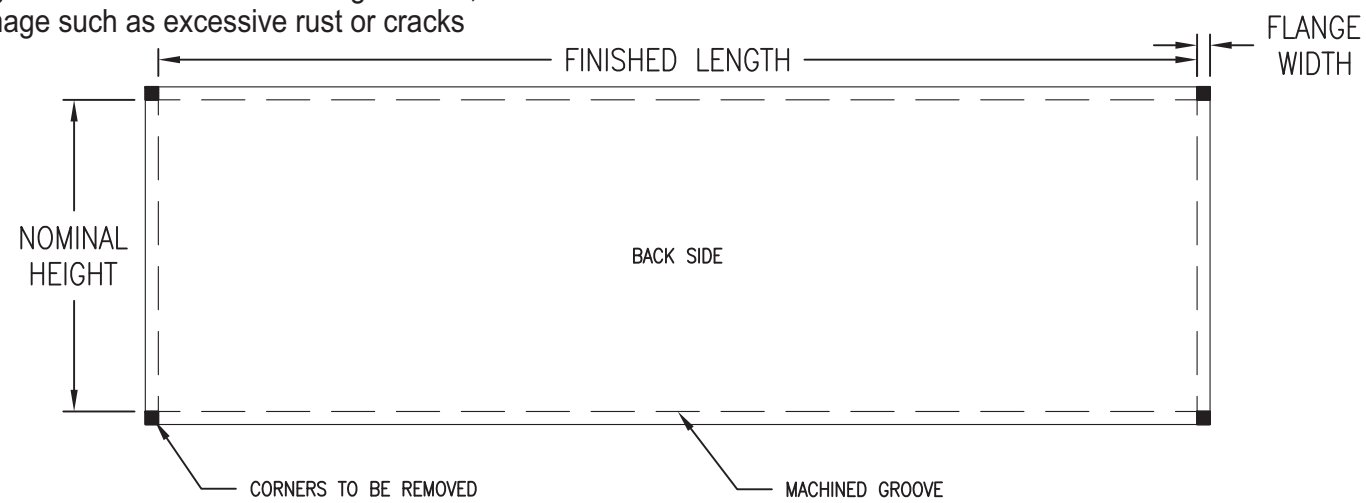
PN: 45-02-11
Date: 08/15/18 I Rev #

Safety Overview:
-If required, properly barricade the work area
-Follow all required safety precautions, including PPE
-Disable any applicable power before beginning work
-When lifting use proper rigging techniques such as use of spreader bars, etc. and only by a qualified person
-Before, during, and after any work occurs, make sure that the structural integrity of the area being worked on is not compromised
-If you notice any damage of concern inside or outside the specified scope of work, stop work and notify your Supervisor and call your contact at Blair Companies immediately!

General Overview:
-Peel sides but DO NOT remove protective coating on ACM face until completed
-All seams must be flush with no light leak

Pre-Inspection:
-Remove any existing ACM /signage from the structure
-Make sure no structural repairs are required to the existing conditions
-Inspect the corners for any sagging
-If mounting brackets exist and are being re-used, check for any damage such as excessive rust or cracks

Equipment/Materials Required:
-Scissor Lift/Man Lift
-90 degree v-groove bit with flat tip for composite materials
-#10-16 x 3/4" & #10-16 x 1-1/2" hex head self-tapping screws
-Straight edge, preferably a drywall square
-BAMBI (ACM Bending Tool), 2x4s included in ACM crate
-Jigsaw with a fine tooth blade



This original design is the sole property of Blair Companies. It cannot be reproduced, copied or exhibited, in whole or in part, without first obtaining written consent from Blair Companies.

BLAIR COMPANIES
ARCHITECTURAL IMAGING
SIGNS • FIXTURES • LIGHTING

5107 Kissell Ave.
Altoona, PA 16601

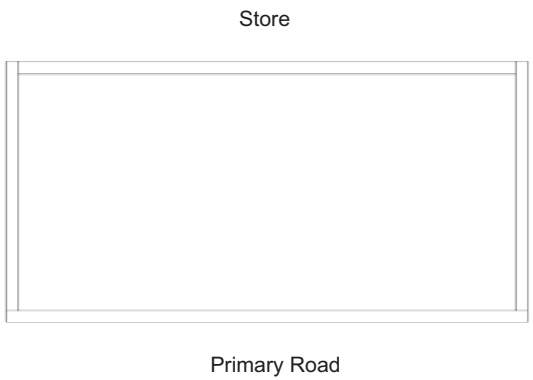
P: 814.949.8287

F: 814.949.8293

blaircompanies.com

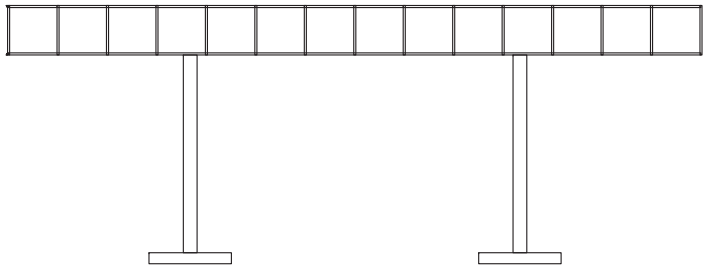
PRODUCT INFORMATION

STEP 1



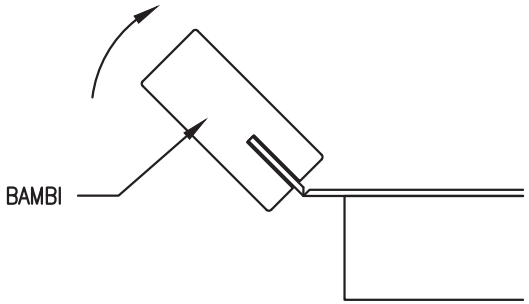
1) Start on Primary Road face, working one end to the other, overlapping the sides by the flange width.
2) Install the sides working towards the store, overlapping the Store side
3) Install the Store side

STEP 2



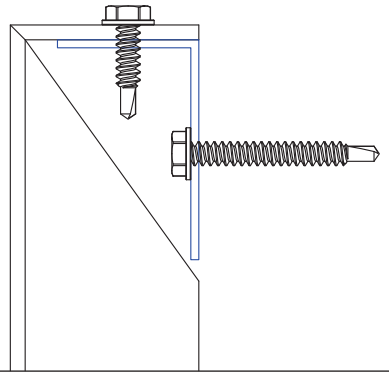
1) Strike a straight line across the bottom of structure
2) Install supplied mounting angle across bottom with #10-16 x 1-1/2" TEK screws
3) Install top angle 1/4" shorter than nominal height

STEP 3



1) Remove corners with a jig saw
2) Use BAMBI to bend up flanges 90°

STEP 4



1) Use jig saw to create relief cuts top and bottom on the ends so they do not interfere with the mounting angle
2) Use #10-16 x 3/4" TEK screws to attach ACM to mounting angle. 5 per 10', no more than 2.5' between attachment points

This original design is the sole property of Blair Companies. It cannot be reproduced, copied or exhibited, in whole or in part, without first obtaining written consent from Blair Companies.

BLAIR COMPANIES
ARCHITECTURAL IMAGING
SIGNS • FIXTURES • LIGHTING

5107 Kissell Ave.
Altoona, PA 16601

P: 814.949.8287

F: 814.949.8293

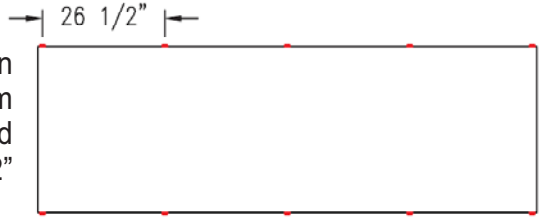
blaircompanies.com

PRODUCT INFORMATION

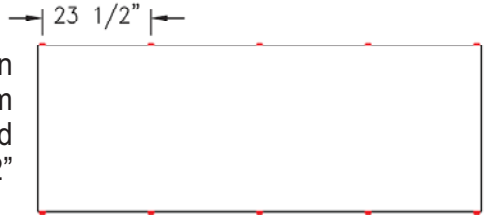
Use the diagrams below as reference for attachment points. Screws must always be placed 1” from the edge along the top and bottom of each section. Place remaining screws no more than 2.5’ (30”) apart.

10’ Section
5 screws top/bottom
1” from each end
Spacing: 29-1/2”

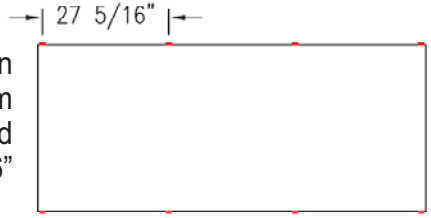
9’ Section
5 screws top/bottom
1” from each end
Spacing: 26-1/2”



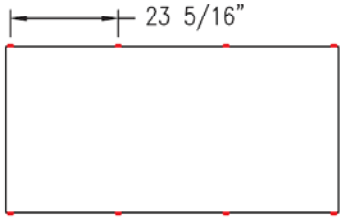
8’ Section
5 screws top/bottom
1” from each end
Spacing: 23-1/2”

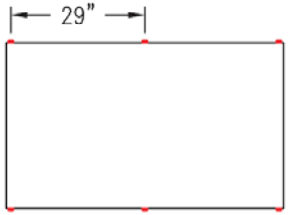


7’ Section
4 screws top/bottom
1” from each end
Spacing: 27-5/16”

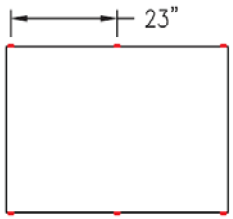


6’ Section
4 screws top/bottom
1” from each end
Spacing: 23-5/16”

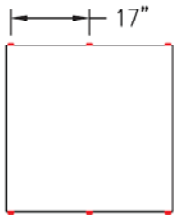




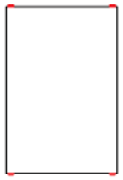
5’ Section
3 screws top/bottom
1” from each end
Spacing: 29”



4’ Section
3 screws top/bottom
1” from each end
Spacing: 23”



3’ Section
3 screws top/bottom
1” from each end
Spacing: 17”



2’ Section
2 screws top/bottom
1” from each end

1’ Section
2 screws top/bottom
1” from each end

This original design is the sole property of Blair Companies. It cannot be reproduced, copied or exhibited, in whole or in part, without first obtaining written consent from Blair Companies.

BLAIR COMPANIES
ARCHITECTURAL IMAGING
SIGNS • FIXTURES • LIGHTING

5107 Kissell Ave.
Altoona, PA 16601

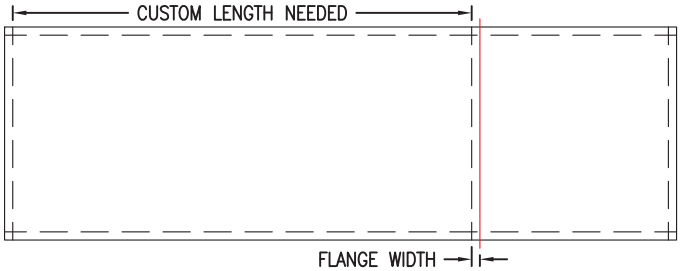
P: 814.949.8287

F: 814.949.8293

blaircompanies.com

PRODUCT INFORMATION

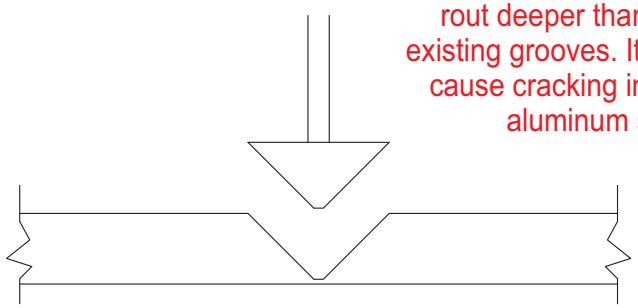
STEP 5



1) When approaching the end of the canopy or structure, measure custom length needed
2) Be sure to account for flange width on both sides

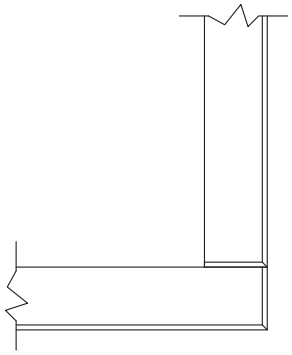
STEP 6

STOP! DO NOT rout deeper than the existing grooves. It can cause cracking in the aluminum skin.



1) With router bit, match depth of machined grooves
2) Rout groove into panel
3) Cut panel to length

STEP 7



1) When creating corners, overlap sections by the width of the flange as shown
2) Run a bead of glue down the vertical groove prior to bending to help seal the corner in place

STEP 8

1) Pull protective coating off
2) Wipe down panels
3) Take completion photos

This original design is the sole property of Blair Companies. It cannot be reproduced, copied or exhibited, in whole or in part, without first obtaining written consent from Blair Companies.

BLAIR COMPANIES
ARCHITECTURAL IMAGING
SIGNS • FIXTURES • LIGHTING

5107 Kissell Ave.
Altoona, PA 16601

P: 814.949.8287

F: 814.949.8293

blaircompanies.com

PRODUCT INFORMATION