

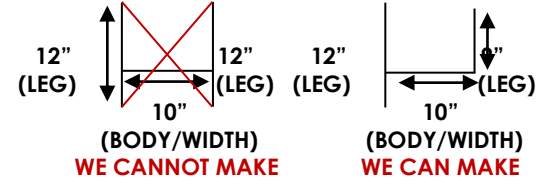


American Products, Inc. (API) Brake Metal Submission Forms Shapes, Sizing, & Fabrication Standards

Please keep the following information in mind when submitting your field measurement drawings. In doing so, you will improve the turnaround time.

Dimensions and Size Limitations

- Maximum sheet size for .063 mill is 60' x 144'.
- Brake metal tolerance is +/- 1/8".
- All measurements provided to API must be Inside Dimensions (ID)
- Finish side to be indicated by the side that the measurements are written on.
- Smallest allowable bend is 3/8". At a minimum, one leg of the panel must be shorter than the body width of the shape.
- Length of any piece may not exceed 144".
- Length and width may not exceed 60" (OD) at the same time for mill and 48" (OD) for anodized brake metal.
- Notching limitations are generally 3" for length and 3" for width, but may vary depending on the piece.
- Pan bend limitations are generally 3" for length and 3" for width, but may vary depending on the piece.



NOTE: Notching, cutouts, pan bends or out of square dimensions may result in additional

Angles, Bends and Hems

- Hems are 1/2" and pressed tight.
- Bends may not be tighter than 45 degrees.
- Properly notate degree of angle bends if other than 90 degrees (see sample drawing).
- Properly notate all hems and/or pan bends (see sample drawing).

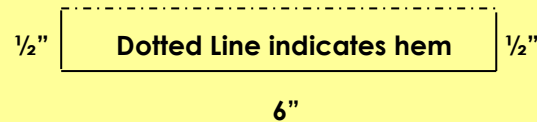
General Information

The attached 'Exhibit B' Brake Metal Drawing Form will provide additional details as to how to complete your drawings. We have provided a blank "Brake Metal Sign Off" form that you will submit to API with field dimensions. The following information is required when submitting the form.

- Drawings should START at the left side of the storefront and end at the right side (looking from the mall side into the store). Please refer to "Exhibit A" for further clarification. Below is an example order.

- Left Neutral Pier
- Left Demising Wall
- Left Entry Column
- Right Entry Column
- Right Demising Wall
- Right Neutral Wall

NOTE: Please indicate hems or returns (on either the top or bottom) with a dotted line. See example below:



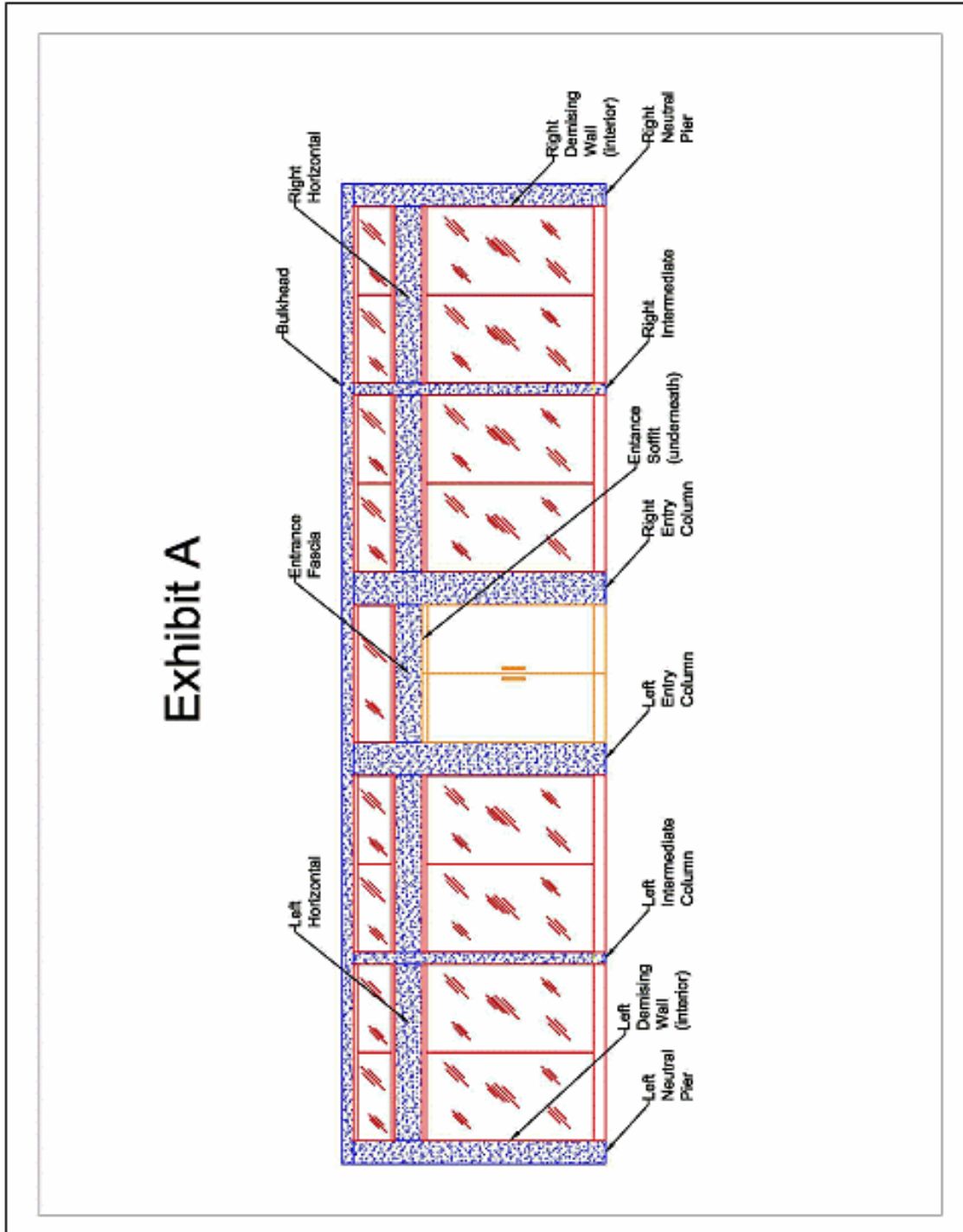
- Drawing Number: Number your drawings accordingly. Multiple pieces for the same item (such as columns that require more than one piece) should be identified in the following fashion: 1A, 1B, 1C, etc.
- Description: Identifies the location of the pieces within the store.

Always remember to use mall side and store side.

- Blank Area: Space in which to draw the piece.
- Length: Overall length of the piece.
- Quantity: Number of pieces with the same dimensions for the same location within the store.

Please keep the following information in mind when submitting your field measurement drawings. In doing so, you will improve the turnaround time.

Brake Metal Instructions – Exhibit A





**American Products, Inc. (API)
Brake Metal Submission Forms
Shapes, Sizing, & Fabrication Standards**

Please keep the following information in mind when submitting your field measurement drawings. In doing so, you will improve the turnaround time.

Example Brake Metal Sign Off Form – Exhibit B

	BRAKE METAL SIGN OFF FORM		CUSTOMER APPROVAL OF ALL DRAWINGS (ALL PAGES MUST BE SIGNED) - All Measurements are inside dimensions; finish side indicated by measurement; Brake metal tolerance is +/- 1/8".	
	Material Thickness & Type: .063 Aluminum Finish/Color: Custom Red Powder Coat			Company Name: <i>ABC Glass Company</i> Print Name: <i>John Doe</i> Signature: <i>John Doe</i> Date: <i>6/1/2009</i>
Page: <u>1</u> of <u>1</u> Date: <u>6/18/2009 17:37</u> Job Name: <u>NOODLES & COMPANY #434</u> Job Store No./Location: <u>MIDLOTHIAN, VA</u>	All Measurements Are Inside Dimensions (I.D.); Finish Side Indicated By Measurement; Brake Metal Tolerance is +/- 1/8"		API Internal Admin Use Only Quality Control First QC/Second QC Material Type: ___/___ Finish/Color: ___/___ Measured ID: ___/___ Finish Side Indicated: ___/___ Length/Qty: ___/___	
Drawing No. 1a Description: Left Entrance Column Piece 1			Length: 120" Quantity: 1	Internal Use Only: Packed: ___ For Fabrication Use Only: Fabrication Complete - Initial: ___ QC Dims Complete - Initial: ___ QC Fin Complete - Initial: ___
Drawing No. 1b Description: Left Entrance Column Piece 2			Length: 120" Quantity: 1	Internal Use Only: Packed: ___ For Fabrication Use Only: Fabrication Complete - Initial: ___ QC Dims Complete - Initial: ___ QC Fin Complete - Initial: ___
Drawing No. 2 Description: Right Demising Wall			Length: 60" Quantity: 1	Internal Use Only: Packed: ___ For Fabrication Use Only: Fabrication Complete - Initial: ___ QC Dims Complete - Initial: ___ QC Fin Complete - Initial: ___
Drawing No. 3 Description: Right Neutral Pier			Length: 60" Quantity: 1	Internal Use Only: Packed: ___ For Fabrication Use Only: Fabrication Complete - Initial: ___ QC Dims Complete - Initial: ___ QC Fin Complete - Initial: ___
<small>It is CUSTOMER'S RESPONSIBILITY TO QUALIFY BRAKE METAL DIMENSIONS, LENGTH AND QUANTITY. API is not responsible for any information that is incorrect or omitted from Quote.</small>				



AMERICAN PRODUCTS, INC.

Brake Metal / ACM Submittal Form

Page # _____ of _____

Job Name _____

Job Location _____

Material Thickness & Type _____

Finish/Color (Only ONE Finish/Color per Submittal Form) _____

Customer Sign-off / Initials Required

Customer Initials (All pages must be initialed & signed prior to production)

- ___ All measurements are either ID or OD dimensions (not both) as circled
 - ___ Dimensions are written on the finish side of the shape
 - ___ Material tolerance is +/- 1/8"
 - ___ All angles are 90° unless otherwise noted on drawing
 - ___ Customer qualified/checked ALL dimensions, finishes, lengths, and quantities.
- API is not responsible for incorrect or omitted information

Company Name: _____ Date: _____

Print Name: _____

Signature: _____

Inside (ID) or Outside (OD) Dimensions (Circle Only One)

ALL measurements on this form must be either ID or OD

Drawing No. _____ Quantity _____ Length _____

Piece Location/Description

INTERNAL USE WH - QC
 1st QC Dims BM _____
 2nd QC Dims BM _____
 Finish QC _____
 Packed _____

Drawing No. _____ Quantity _____ Length _____

Piece Location/Description

INTERNAL USE WH - QC
 1st QC Dims BM _____
 2nd QC Dims BM _____
 Finish QC _____
 Packed _____

Drawing No. _____ Quantity _____ Length _____

Piece Location/Description

INTERNAL USE WH - QC
 1st QC Dims BM _____
 2nd QC Dims BM _____
 Finish QC _____
 Packed _____

Drawing No. _____ Quantity _____ Length _____

Piece Location/Description

INTERNAL USE WH - QC
 1st QC Dims BM _____
 2nd QC Dims BM _____
 Finish QC _____
 Packed _____

Call: 813.925.0144 | Fax: 813.925.1414
info@americanprod.com

INTERNAL USE ONLY Rev _____ Dated _____
 Dims/Drawings / / Finish/Color / / Length/Qty / /
 Material Type / / Measured ID / / Finish Side Noted / /