



BAY/BOW WINDOW SIZING GUIDE

Please provide Exterior & Interior Photos of Existing Bay/Bow Windows.

All sizing sheets can be found on our website

www.kohltech.com/resources

All bay/bow window quotes require a signoff drawing done by Kohltech to be reviewed and signed by the dealer/contractor/customer and returned to Kohltech before ordering.

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New Construction & Flat Wall Window Replacement:

If installing a new construction bay/bow, replacing a flat wall window with a bay/bow, or adding a bay/bow to an existing wall which didn't have a window, please fill out a copy of the '*New Construction & Flat Wall Window Replacement Bay/Bow Sizing Sheet*'. If the opening is already framed in or there is an existing flat wall window please provide photos with the completed sizing sheet.

Bay/Bow Support Type:

- The projected center of a bay/bow needs to be supported beyond the flat wall framing. This can be achieved by building a protruding support wall below the bay/bow or by installing cable supports.
- If you currently don't have a protruding support wall and plan to build one, we recommend you frame it to match the bay/bow window after it has been ordered & received.
- If you already have a protruding support wall built, please provide photos and measurements of the framing referenced from the exterior of the support wall so the bay/bow window can be accurately sized to match.
- Cable Supports (see page 17). These are cables that are attached underneath the bay/bow window that run up through the inside of the mullions and out the top to be attached to the framing on site.

Overall width & height (indicate what overall sizes you are referencing: Frame, RSO, Brickmould, or Brick Opening):

- Standard frame to RSO offsets for flat wall windows will be used unless otherwise specified. These are based off the exterior accessory being used.
- Brick opening size – we deduct 1/2" total (1/4" per side) from the overall size provided to determine the replacement Brickmould or Frame size (if Plain Frame), unless otherwise noted.

Number of units wide:

- We offer standard bays/bows with 3 to 6 units wide.

Angle of Bay/Bow Mullions:

- Standard angles are available in 10, 30, & 45 deg for most products.
- Custom angles are also available, contact your rep for available angles based on the window type being quoted.

Bay/Bow Frame Projection from Exterior of Flat Wall:

- Desired / max projection. The max projection could be limited by a roof overhang that the bay/bow window needs to sit under.

Head & Seat Board:

- If the replacement bay/bow requires a head & seat board, please provide the flat wall depth. (see page 16)

Replacement Bay/Bow Options:

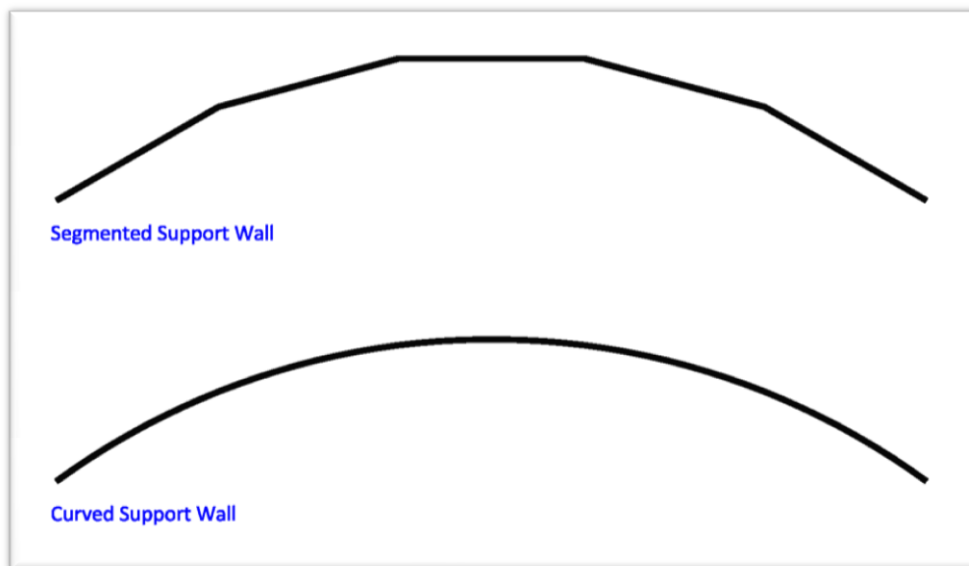
- Please indicate all the replacement bay options required on the sizing sheet.

Existing Bay/Bow Replacement:

If replacing an existing bay/bow that needs to match the sizes of the existing, please fill out a copy of the *'Existing Bay/Bow Window Sizing Sheet'*. We also request photos of the existing bay/bow be provided with the completed sizing sheet.

Existing Bay/Bow Support Wall:

- The projected center of a bay/bow window needs to be supported beyond the flat wall framing.
- Please indicate on the sizing sheet if the existing bay/bow has a protruding support wall below the bay/bow window, and whether it's a segmented wall (matching the angles of the window) or a curved wall.



- If the existing bay/bow window has a curved support wall below, we will require additional information along with the sizing sheet. (see pages 12-15)
- If they plan to remove the protruding support wall below and rebuild around the replacement bay/bow, we may only have to match the overall width, instead of matching each unit of the existing, and the replacement could be treated as a flat wall replacement. If this is the case, please fill out the *'New Construction & Flat Wall Window Replacement Bay/Bow Sizing Sheet'* instead. (see page 2)
- If the existing bay/bow doesn't have a protruding support wall below the window and they don't intend to install one, we would recommend cable supports be installed on the replacement bay/bow. This may also mean we only have to match the overall width of the existing bay/bow, instead of matching each unit of the existing, and the replacement could be treated as a flat wall replacement. If this is the case, please fill out the *'New Construction & Flat Wall Window Replacement Bay/Bow Sizing Sheet'* instead. (see page 2)
- Cable Supports (see page 17). These are cables that are attached underneath the bay/bow window that run up through the inside of the mullions and out the top to be attached to the framing on site.

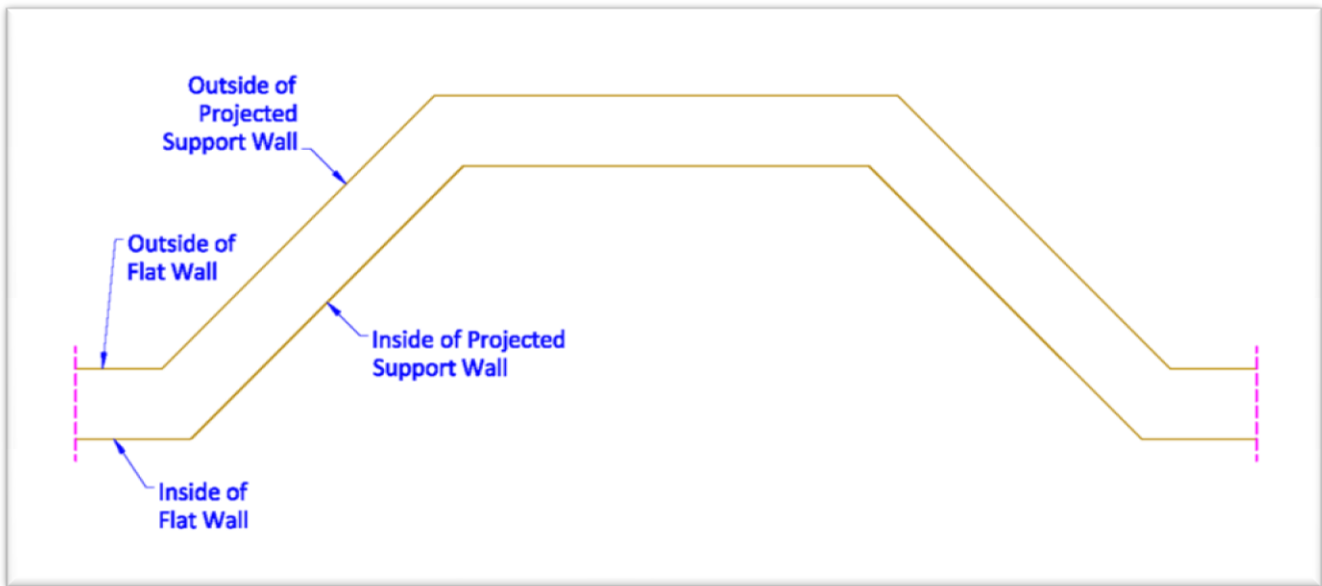
Existing sizes:

- When replacing an existing bay/bow window that has a protruding segmented support wall, the most important sizing to match is the outside of the support wall (ex: exterior of the wall sheathing). This is typically where the outside of the window frame (backside of the Brickmould or Nailing Fin) sits. In most cases, this is impossible to measure unless the bay/bow is completely removed from the wall before measuring. This is not ideal since you'd be left with an opening in the wall until the replacement bay/bow was installed. To work around this, we ask for measurements of the existing bay/bow referenced from the Outside Brickmould or the Inside Frame (or Jamb Extension).
- Please fill out the sizing sheet with as much info as possible, and be sure to include all sizes for what would be considered the most important size (Brickmould or Inside Frame). We typically recommend they be sized based on the Exterior Brickmould sizes since most renovations try to maintain the existing exterior wall finish and in some cases can't be modified (ex: brick). If additional info is required or the sizing sheet image doesn't reference the existing bay/bow exactly, please also provide additional sketches to show this.

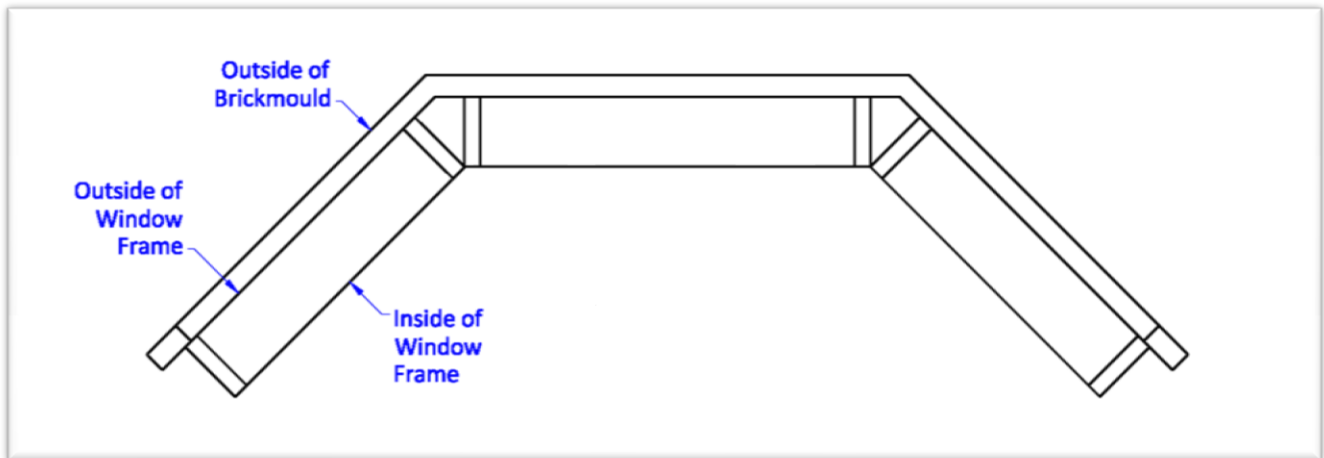
Existing sizes (Continued):

Here are some diagrams to show the support wall in relation to the bay window:

This diagram shows the outside and inside perimeter of the existing protruding segmented support wall:



This diagram shows a typical 3 lite bay window with brickmould:

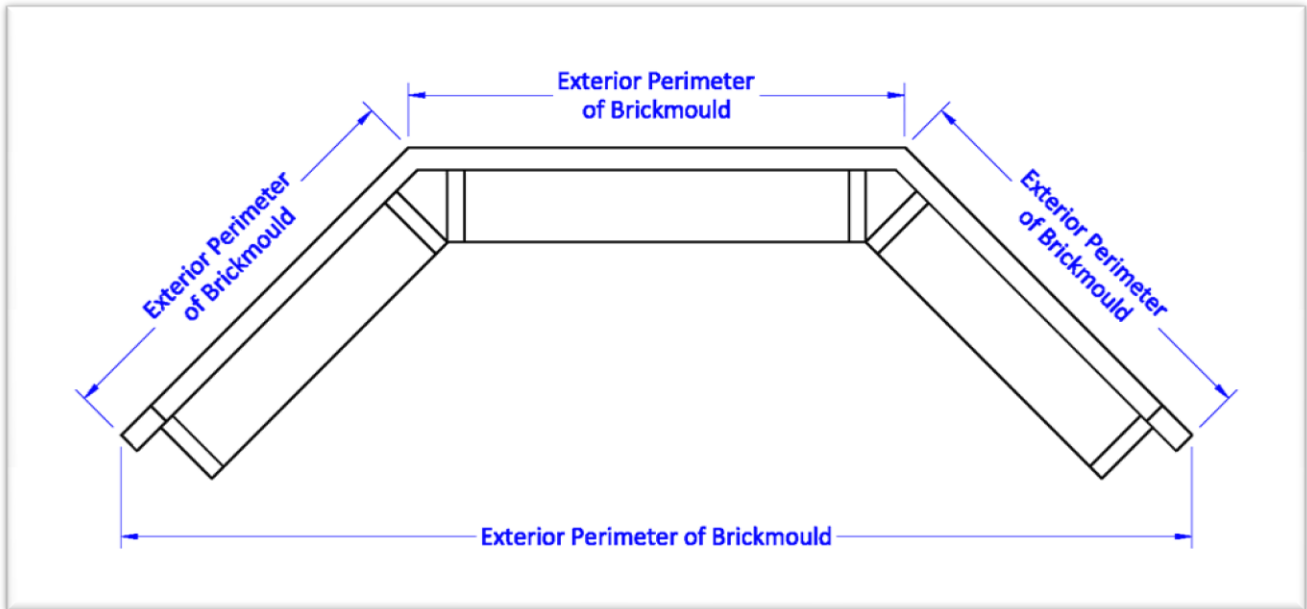


This diagram shows the bay window overlaid on the support wall, showing how the outside of the window frame (backside of the brickmould) aligns with the outside of the support wall:

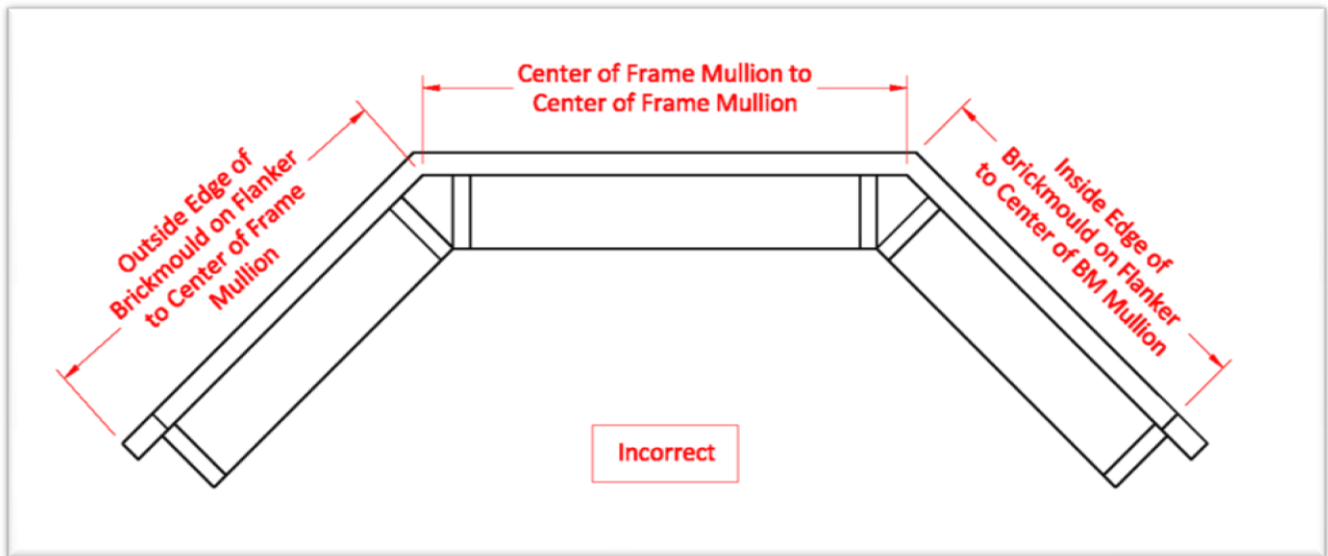


Providing Existing Outside Brickmould Sizes:

When measuring based on the existing brickmould, please ensure all sizes are referenced from the same points and are of the outside perimeter of the brickmould. See diagram below for reference:

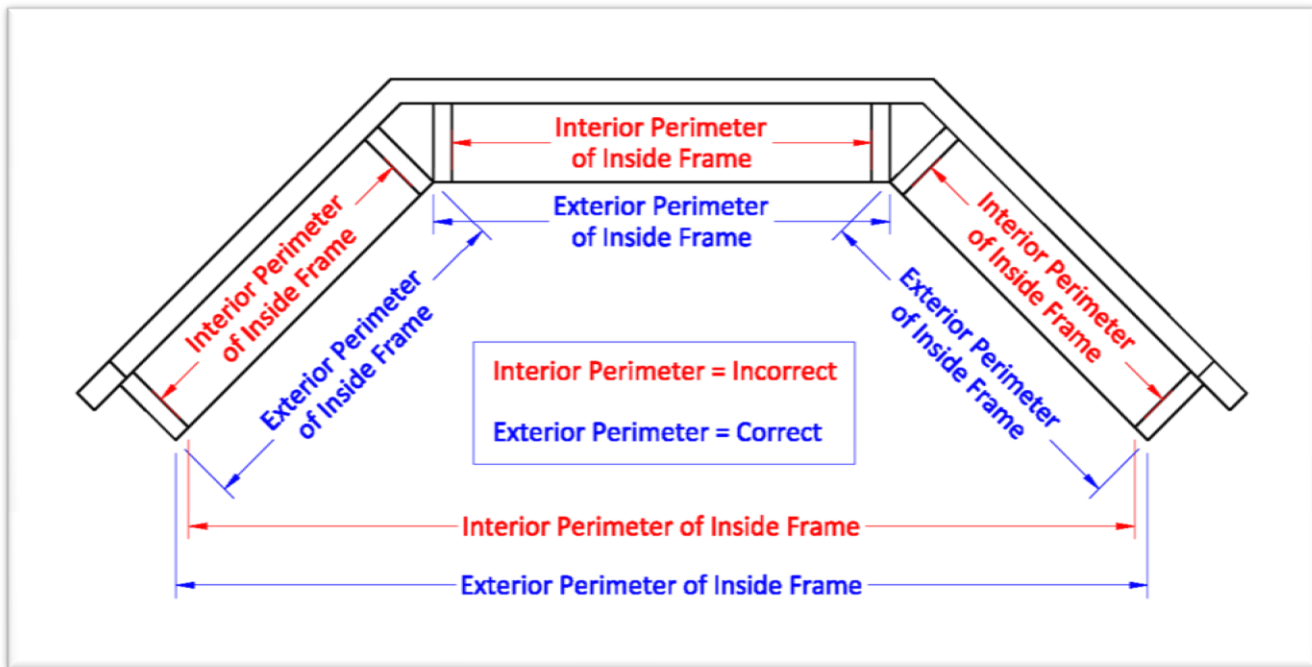


Some common errors when measuring brickmould sizes are shown in this diagram:



Providing Existing Inside Frame Sizes:

When measuring based on the existing Inside Frame Sizes, please ensure all sizes are referenced from the same points and are of the outside perimeter of the existing window frame as viewed from the inside of the house. We recommend the interior trim (casing) be removed to expose the perimeter of the existing window frame to provide accurate measurements. A common error is to measure them from the inside perimeter of the window frame or jamb extension. See diagram below for reference:



Note that this could also be measured based on the existing window jamb extension, instead of the window frame, but still needs to follow the same layout for measuring meaning follow the outside perimeter of the existing jamb extension.

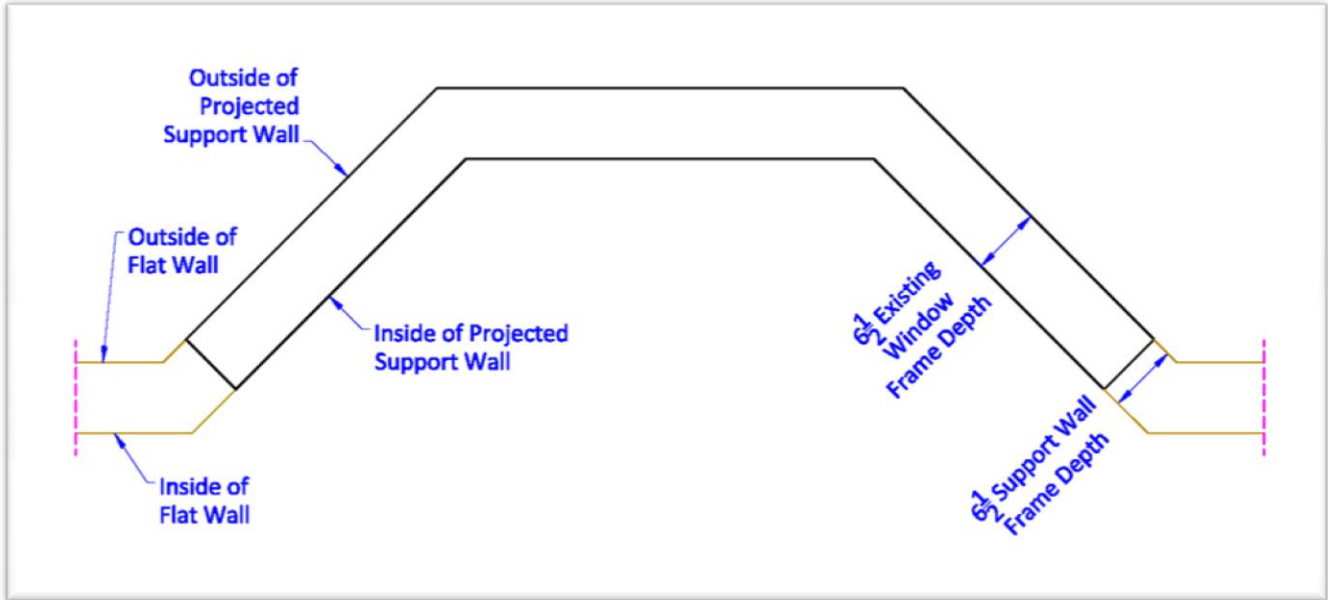
It's required to provide the existing frame depth if measuring from the interior. The depth should be from the outside of the support wall to the inside of the existing frame or jamb extension (which ever you're measuring).

The existing frame depth is required to recreate the existing in a drawing to determine the replacement sizes.

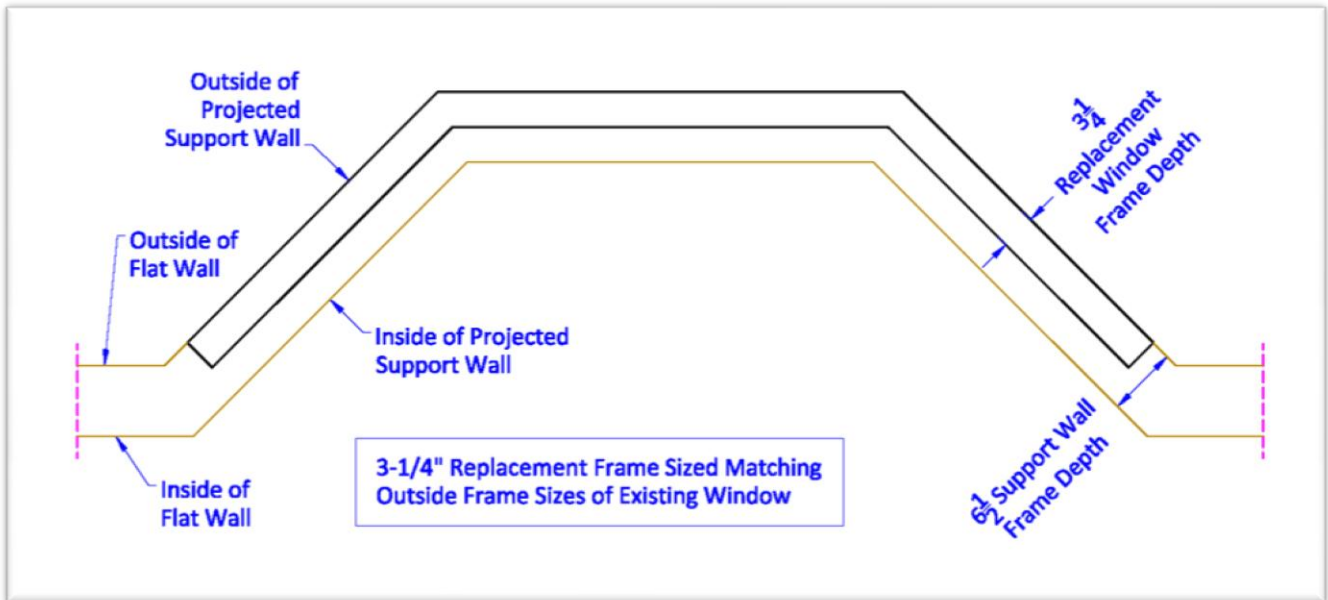
Providing Existing Inside Frame Sizes (Continued):

Here are some diagrams showing an existing 6-1/2" window frame depth being replaced with a standard vinyl 3-1/4" frame depth and why it's important for us to have the existing window frame depth and how we will use that for the replacement:

This diagram shows an existing 6-1/2" window frame depth and how it sits on the existing 6-1/2" support wall. The outside frame sizes were determined based on the inside frame sizes and offsetting them out the depth of the existing frame:

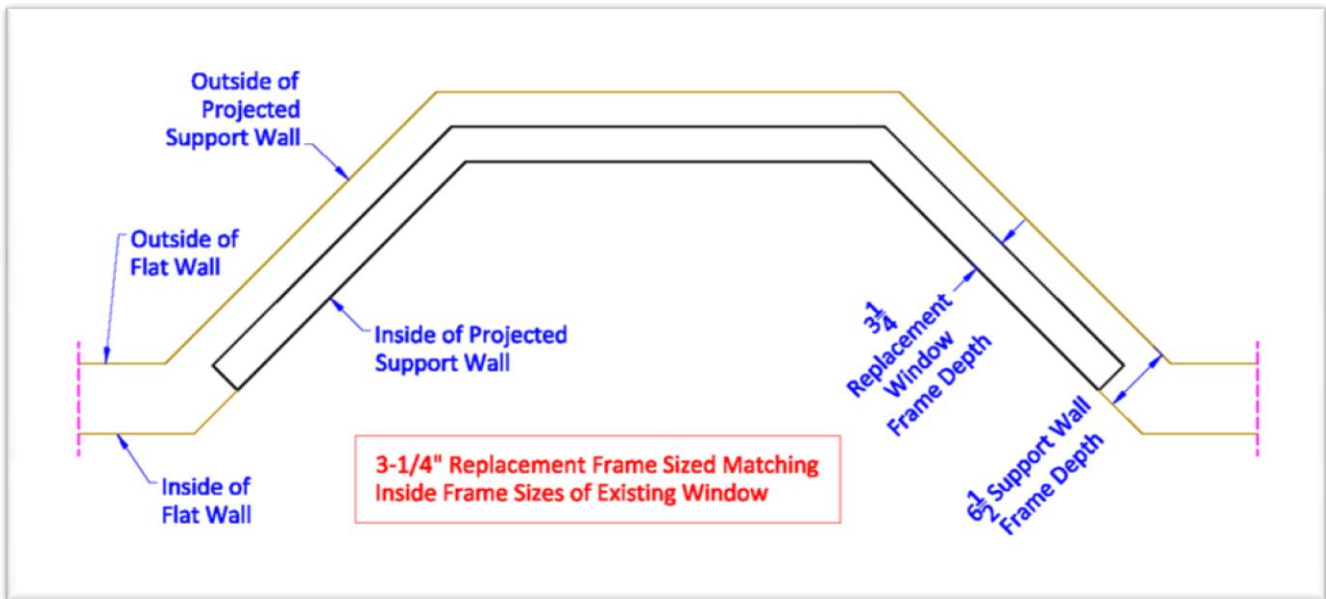


This diagram shows the replacement 3-1/4" frame depth and how it sits on the existing 6-1/2" support wall. In this case the outside frame sizes were matched from the existing frame, which were determined by our drawing. Note that the inside frame sizes won't match the existing, but in most cases a separate comparison drawing will be provided by us to show how we determined the outside frame sizes and that they match the replacement. This is the correct way to size a bay/bow with different frame depths. In this case, a jamb extension or drywall can be added onsite after the bay/bow is installed to finish the interior to match the support wall frame depth:

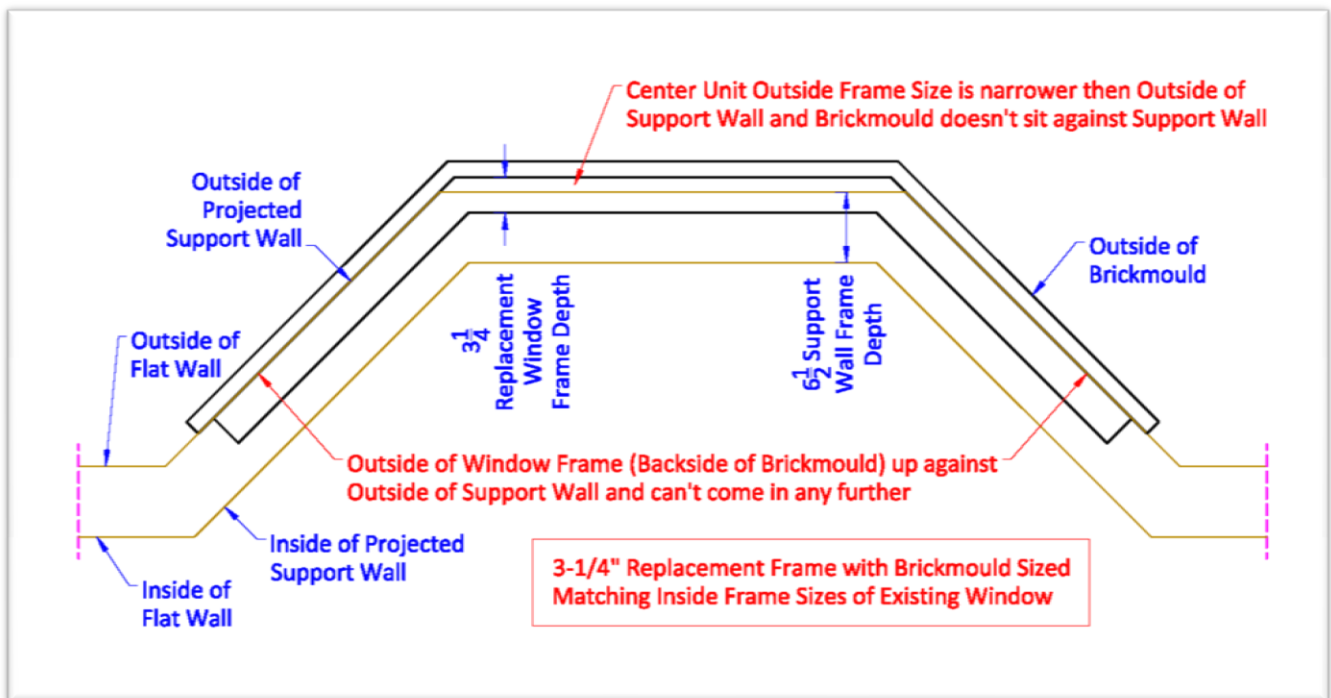


Providing Existing Inside Frame Sizes (Continued):

This diagram shows the replacement 3-1/4" frame depth and how it sits on the existing 6-1/2" support wall. In this case the inside frame sizes were matched. Note that the outside frame sizes won't match the existing. This is **incorrect** and should be done based on the previous version (matching the outside frame sizes):



This diagram is the same as above, matching the inside frame sizes, but this version shows a Brickmould installed on the replacement frame. When installed from the exterior, the backside of the Brickmould on the Window Flankers will hit the Support Wall first and won't allow the backside of Brickmould on the Center Unit to install up against the Support Wall. This is **incorrect** and won't install properly:



Note that if ordering the replacement bay/bow with PVC Jamb Extension at the same frame depth as the existing frame, the inside and outside sizes would both match and we won't have to adjust for any frame depth differences.

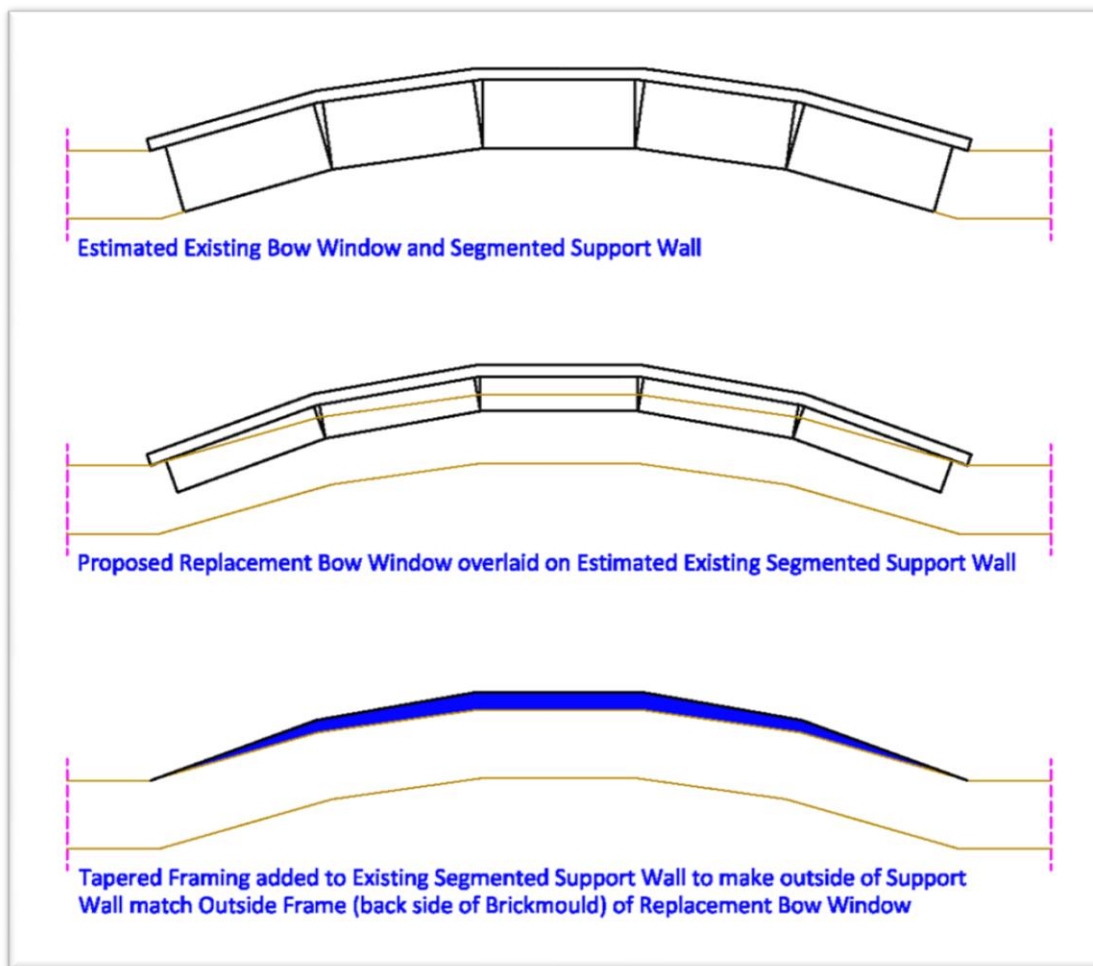
Angle Limitations and Replacement Options:

If the existing bay/bow window is outside of our angle limitations for our mullions, we will try to find a solution that works within our limitations. This could mean that modifications would be required for the replacement bay/bow to install within the existing protruding support wall.

In some cases, changing the widths of each unit (making the flankers smaller or larger than the center unit) or changing the amount of units in the bow window (changing from a 5 lite to a 4 lite) can make the replacement fit the existing wall better. In these cases, option drawings can be provided to show how they'd look as compared to a standard replacement bow window on the existing protruding support wall.

Below is a diagram of an existing bow window and how it sits on the protruding support wall. The existing bow mullion angles are below our limitations so we're not able to match it exactly. The second portion of the diagram shows our replacement bow window with our minimum angle overlaid on the protruding support wall. The center of the bow protrudes out past the support wall and would need to be filled in with tapered framing so the outside of the support wall matches the outside of the replacement bow window frame (backside of Brickmould). The final portion of the diagram shows the tapered framing highlighted that would need to be added. The tapered framing must be able to support the weight of the bow window once installed. If the siding is being removed and replaced, the entire exterior of the support wall could be strapped to match the tapered framing so the siding would match the exterior of the replacement bow window.

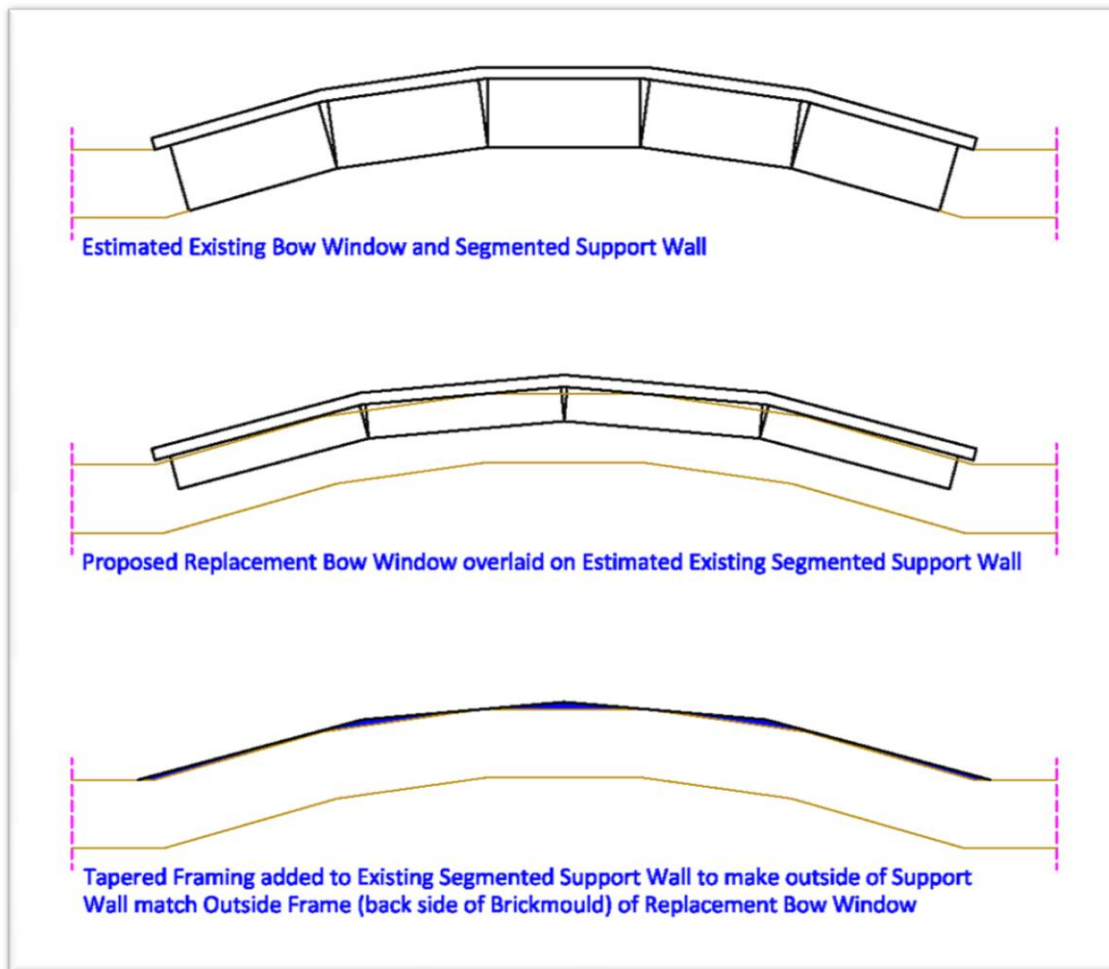
Note that the interior of the support wall won't match the replacement bow window frame. In this case we recommend ordering the replacement bow without PVC Jamb Extension so it can be custom made onsite to work with the replacement window and the inside of protruding support wall. If the replacement bow will have a head & seat board, we wouldn't need to match the interior of the protruding support wall and would only need to match the flat wall depth so the interior difference shouldn't be seen.



Angle Limitations and Replacement Options (Continued):

This diagram is the same as the previous one, but the second portion of the diagram shows a 4 lite replacement bow window with our minimum angle overlaid on the protruding support wall. This version matches the existing wall much better and would require little to no tapered framing added to the outside of the support wall (highlighted in the final portion of the diagram). Note that the mullion locations of the 4 lite replacement bow window would not match the angles of the outside of the support wall.

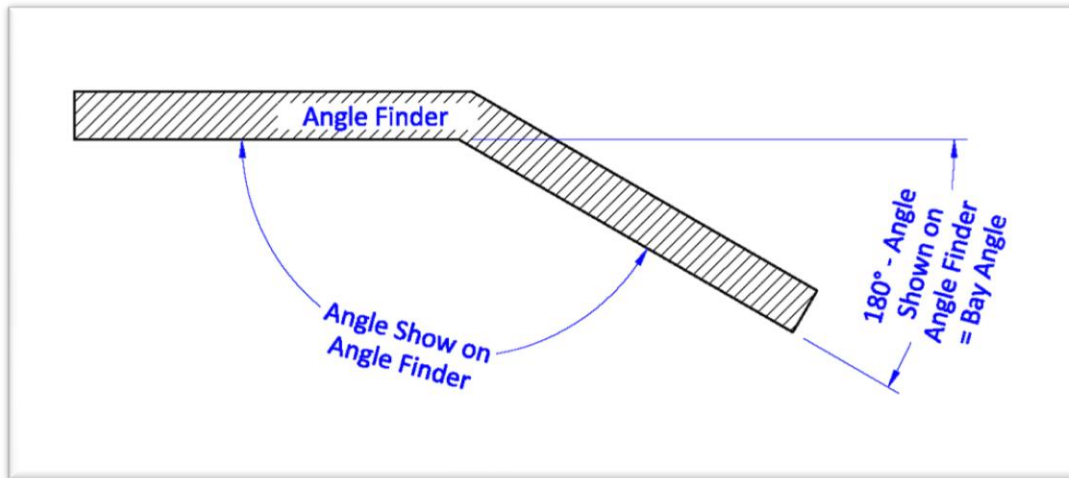
Note that the interior of the support wall won't match the replacement bow window frame. In this case we recommend ordering the replacement bow without PVC Jamb Extension so it can be custom made onsite to work with the replacement window and the inside of protruding support wall. If the replacement bow will have a head & seat board, we wouldn't need to match the interior of the protruding support wall and would only need to match the flat wall depth so the interior difference shouldn't be seen.



If the proposed replacement options won't work for your application, there are 2 alternate solutions, remove the protruding support wall and replace it with a protruding support wall that matches the replacement bay/bow window, or add vertical framing between the protruding support wall and the wall/roof above at the mullion locations of the existing bay and install separate rectangular windows to simulate the look of a bay or bow window.

Angle of Bay/Bow Window Mullions:

- We recommend the existing bay/bow mullion angle(s) be provided to determine the other sizes required, or to verify the other sizes add up correctly.
- We recommend a digital angle finder of 1' or longer to accurately determine the angle(s).
- When using a typical digital angle finder, the angle shown will be larger than the angle as referenced for the bay/bow when ordered. Example: Angle Shown on Angle Finder = 135 deg. Bay Angle = 180 deg – 135 deg = 45 deg (this is the angle of the bay when ordered).



- Note: some angle finders have multiple settings which may throw off the angle shown. An example is a Miter angle setting which would show half of the overall angle, not the true overall angle.
- Our Standard Angles are available in 10, 30, & 45 deg.
- Custom angles are also available, contact your rep for available angles based on the window type being quoted.

Exterior Wall Finish:

- It is important for us to know what the exterior wall finish around the replacement bay/bow window is, this could affect the sizing of the replacement window as some exterior finishes are easier to modify if needed (ex: vinyl siding), where some can't be modified (ex: brick).
- It's also helpful to know if modifications are being done so we know what needs to match and what could be modified if needed (ex: vinyl siding being fully removed and replaced).
- We also need to know if the wall depth is changing in any way. A common upgrade when installing windows is to install rigid insulation on the exterior of the walls. This will increase the wall depth and the replacement bay/bow window needs to be adjusted to allow for this. If you are adding rigid insulation on the exterior of the walls, please note it on the sizing sheet and indicate the thickness of the insulation.

Head & Seat Board:

- If the replacement bay/bow requires a head & seat board, please provide the flat wall depth. (see page 16)
- If additional info is required or the sizing sheet image doesn't reference the existing bay/bow exactly, please also provide additional sketches to show this.

Photos:

- Photos of the existing bay/bow window help to provide the most accurate replacement of the existing bay/bow window.
- Please provide both Interior & Exterior photos, taken straight on with whole window and surrounding wall shown.
- Also provide close up photo's showing where bay/bow meets exterior wall on the sill, jambs, and head.

Replacement Bay/Bow Options:

- Please indicate all the replacement bay options required on the sizing sheet.

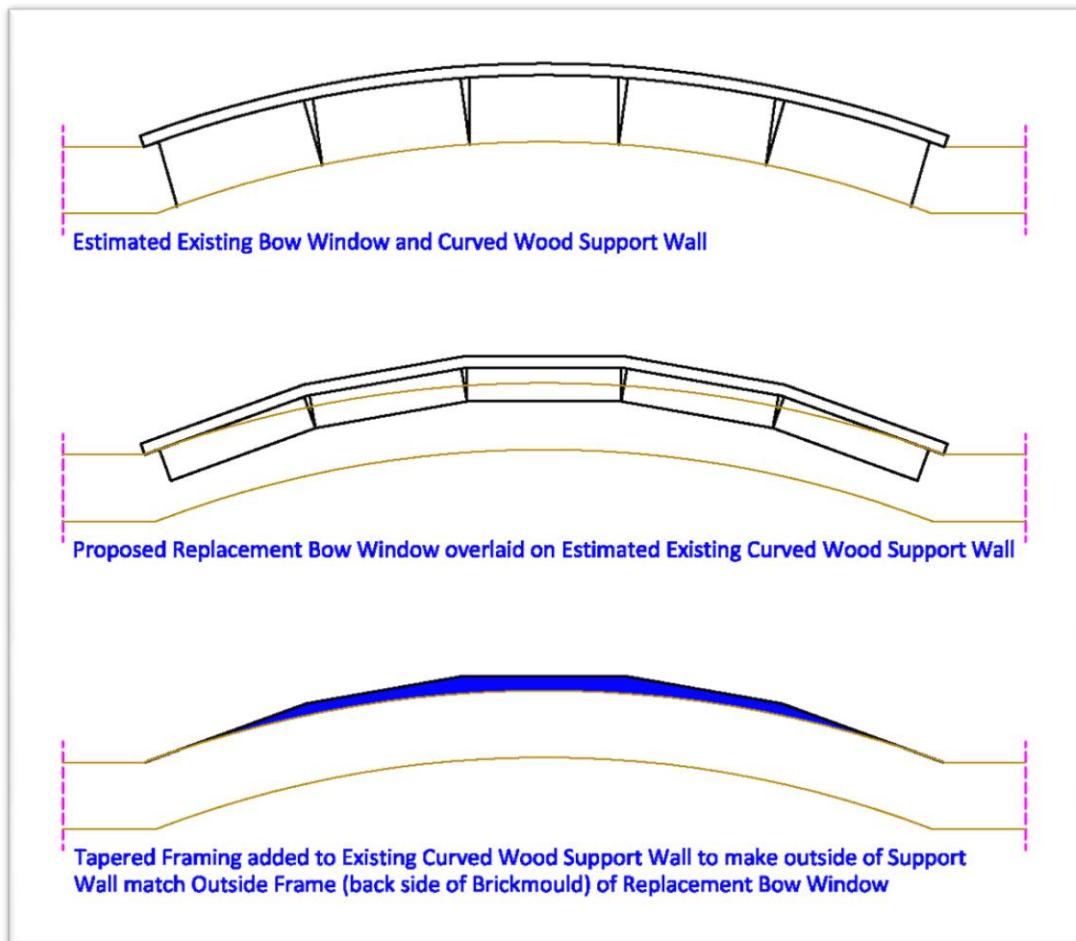
Curved Support Walls:

Existing bay/bow windows sitting on a curved support wall often fall outside our angle limitations. Since we aren't able to match the existing window exactly, we require additional information for us to recreate the support wall in a drawing and provide a replacement that will work with the existing curved wall. If the existing bay/bow window is outside of our angle limitations for our mullions, we will try to find a solution that works within our limitations. This could mean that modifications would be required for the replacement bay/bow to install within the existing protruding support wall. In some cases, changing the widths of each unit (making the flankers smaller or larger than the center unit) or changing the amount of units in the bow window (changing from a 5 lite to a 4 lite) can make the replacement fit the existing wall better. In these cases, option drawings can be provided to show how they'd look as compared to a standard replacement bow window on the existing protruding support wall.

Curved Wood Support Wall:

Below is a diagram of an existing bow window and how it sits on the protruding curved wood support wall. Typically the Brickmould would sit in front of the wood support wall, not on top of it like a brick or stone ledge. The existing bow mullion angles are below our limitations so we're not able to match it exactly. The center portion shows our replacement bow window with our minimum angle overlaid on the protruding support wall. The center of the bow protrudes out past the support wall and would need to be filled in with tapered framing so the outside of the support wall matches the outside of the replacement bow window frame (backside of Brickmould). The tapered framing must be able to support the weight of the bow window once installed. If the siding is being removed and replaced, the entire exterior of the support wall could be strapped to match the tapered framing so the siding would match the exterior of the replacement bow window.

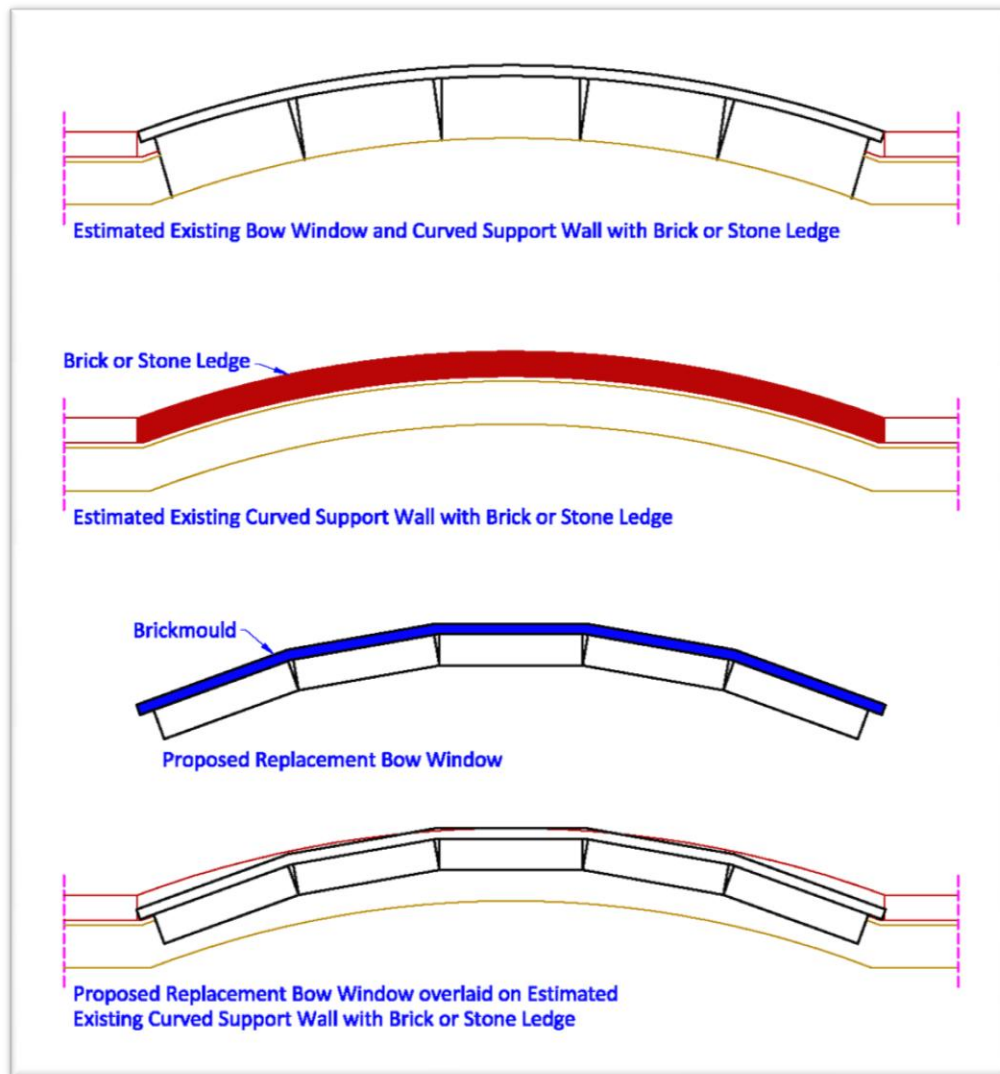
Note that the interior of the support wall won't match the replacement bow window frame. In this case we recommend ordering the replacement bow without PVC Jamb Extension so it can be custom made onsite to work with the replacement window and the inside of protruding support wall. If the replacement bow will have a head & seat board, we wouldn't need to match the interior of the protruding support wall and would only need to match the flat wall depth so the interior difference shouldn't be seen.



The replacement bow window could also be sized as a 4 lite which may fit the support wall better, see page 10 for reference.

Curved Support Wall with Brick or Stone Ledge:

Below is a diagram of an existing bow window and how it sits on the protruding curved support wall with a brick or stone ledge. Typically the Brickmould would sit on top of the brick or stone ledge. The existing bow mullion angles are below our limitations so we're not able to match it exactly. The second portion of the diagram shows the protruding curved support wall with a brick or stone ledge highlighted. Since the replacement bow window brickmould will sit on top of the brick or stone ledge, it's possible to adjust the bow placement (in or out) on the ledge. The third portion of the diagram shows the replacement bow window with the brickmould highlighted. The goal is to have the entire replacement brickmould (backside to visible outside face) overlapping the curved ledge. The final portion of the diagram shows the replacement bow window overlaid on the curved ledge. Note that the backside of the brickmould on the flankers and the front face of the brickmould on the center unit are fully overlapping the curved ledge. In order to do this we may also need the depth of the brick or stone ledge and the depth of the brick or siding up the sides of the flankers.



Note that the interior of the support wall won't match the replacement bow window frame. In this case we recommend ordering the replacement bow without PVC Jamb Extension so it can be custom made onsite to work with the replacement window and the inside of protruding support wall. If the replacement bow will have a head & seat board, we wouldn't need to match the interior of the protruding support wall and would only need to match the flat wall depth so the interior difference shouldn't be seen.

The replacement bow window could also be sized as a 4 lite which may fit the support wall better, see page 10 for reference.

With both cases (curved wood support wall or curved wall with brick/stone ledge), if the proposed replacement options won't work for you application, there are 2 alternate solutions, remove the protruding support wall and replace it with a protruding support wall that matches the replacement bay/bow window, or add vertical framing between the protruding support wall and wall/roof above at the mullion locations of the existing bay and install separate rectangular windows to simulate the look of a bay or bow window.

Curved Wall Measurements:

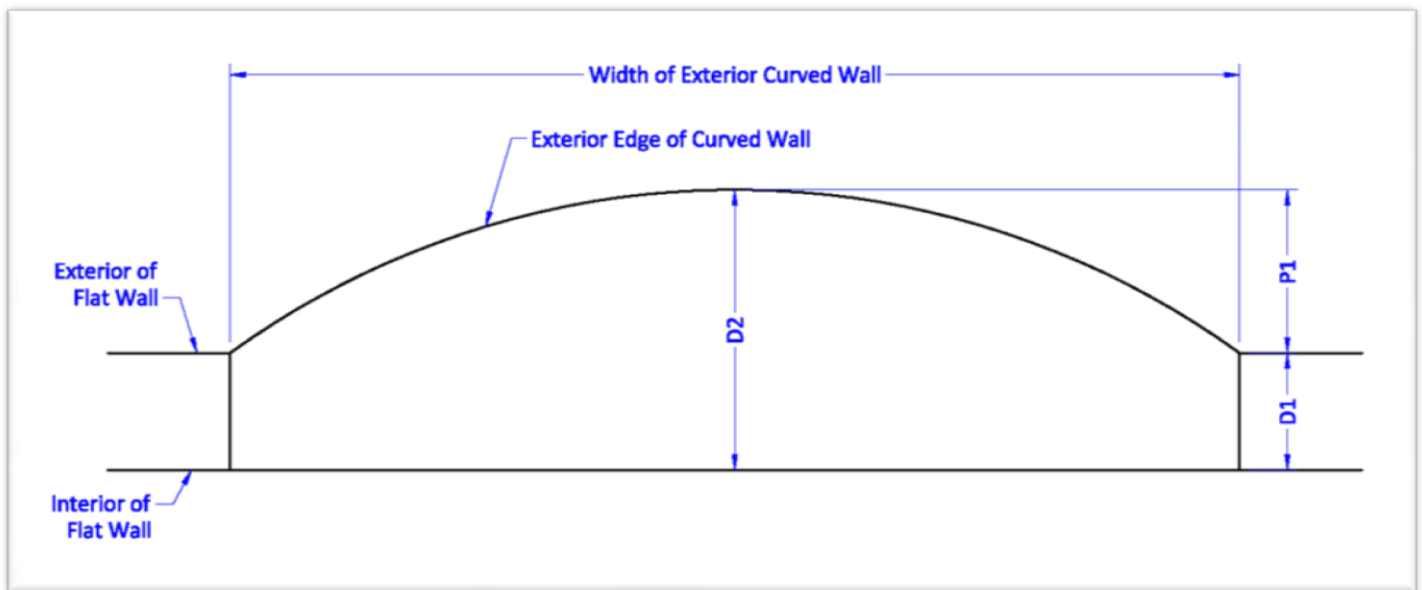
If the replacement bay/bow window is being supported by a curved wall below, we require some additional information along with the 'Existing Bay/Bow Window Sizing Sheet' and photos of the existing bay/bow window.

The following measurements are the minimum requirements for sizing a bay/bow on a curved wall. Below is an example diagram, depending on the existing bay/bow we may ask more questions to size these correctly. (See page 15 for recommended measuring)

- Width of Exterior Curved Wall
- P1 - Projection from Center of Exterior Curved Wall to Exterior of Flat Wall

If the replacement window requires a head & seat board, we will also need:

- D1 – Flat Wall Depth – overall from exterior of flat wall to interior of flat wall.
 - Estimated if needed based on wall material.
- D2 – Depth from center of exterior curved wall to interior of flat wall.
 - Measure from center of exterior curved wall to exterior of glass on center window, and interior of glass on center window to interior of flat wall, estimate the glass thickness, and add the 3 measurements together.
 - Note: D2 measurement should equal D1 and P1 added together.

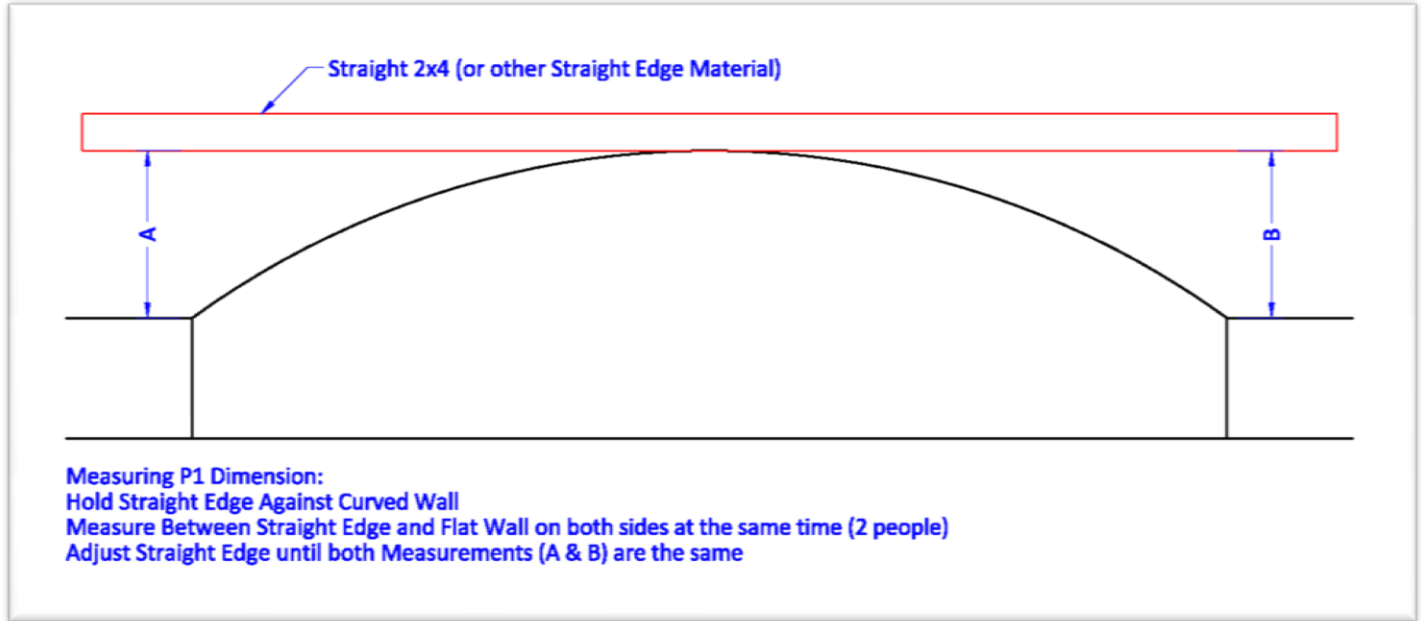


If additional info is required or the sizing sheet image doesn't reference the curved wall layout exactly, please also provide additional sketches to show this.

Curved Wall Measurements How To:

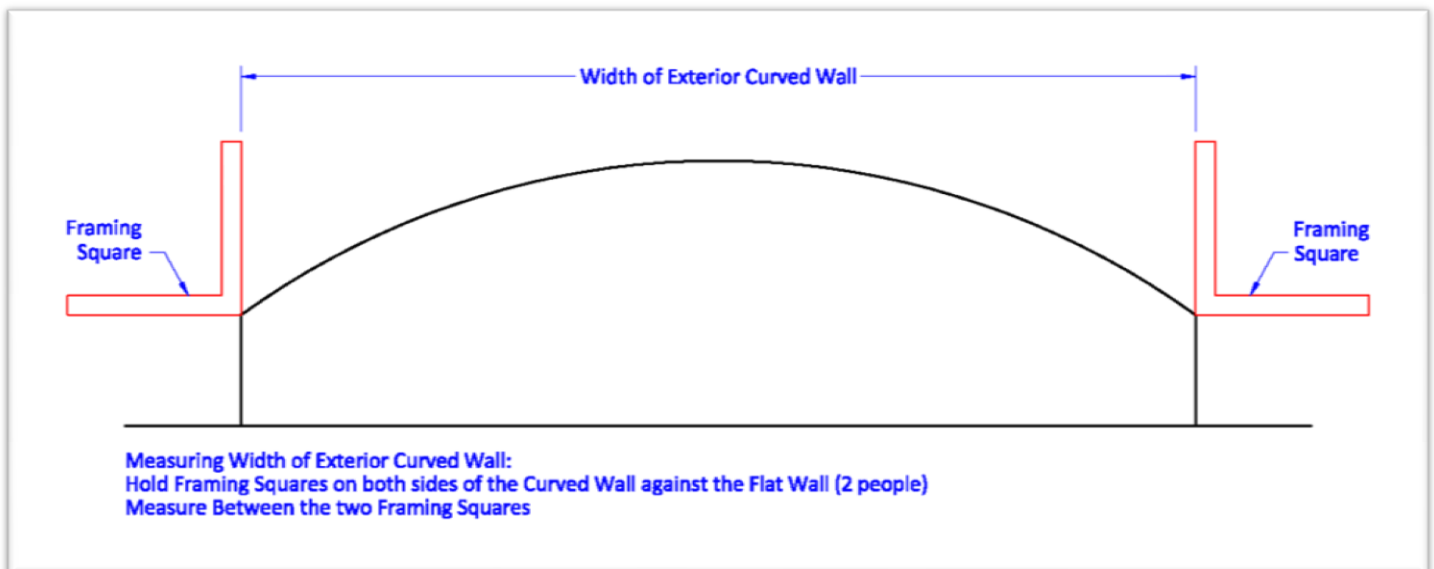
How to measure P1 (Referenced on Page 14):

The diagram below shows how we recommend you measure the Projection from center of exterior curved wall to exterior of flat wall. This method will require two people:



How to measure the Width of the Exterior Curved Wall (Referenced on Page 14):

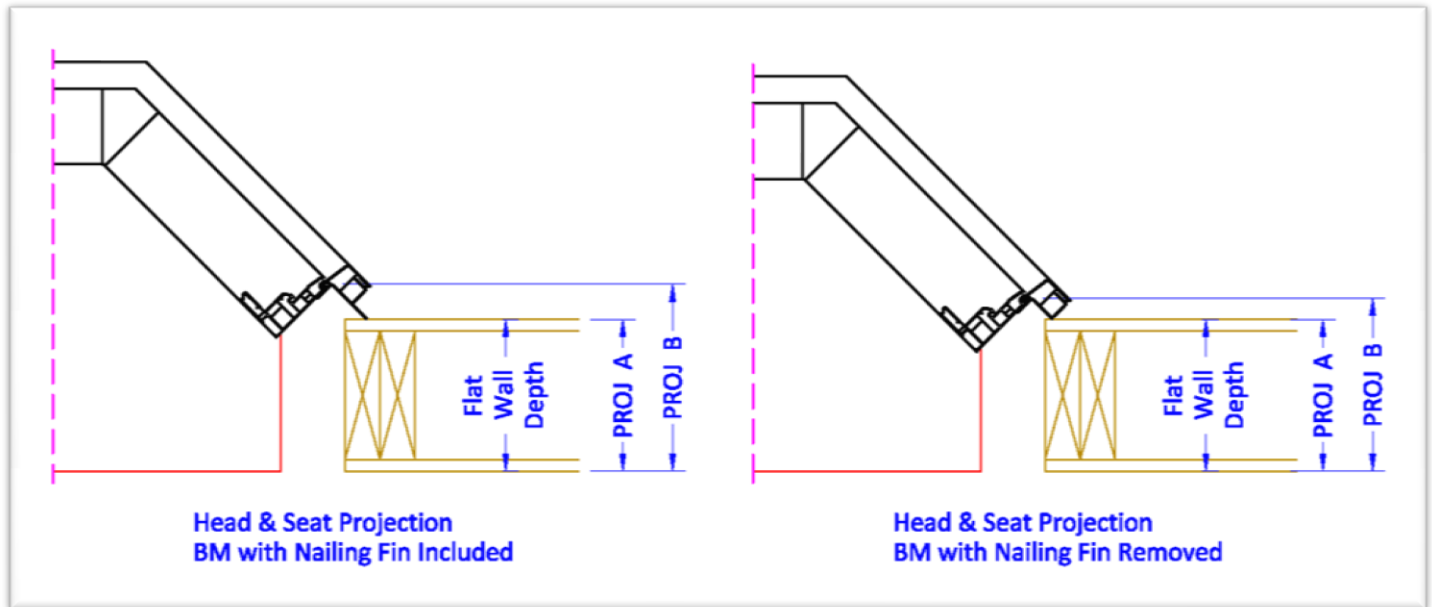
The diagram below shows how we recommend measuring the width of the exterior curved wall. This method will require two people:



Head & Seat Boards:

If the replacement bay/bow requires a head & seat board, please provide the flat wall depth.

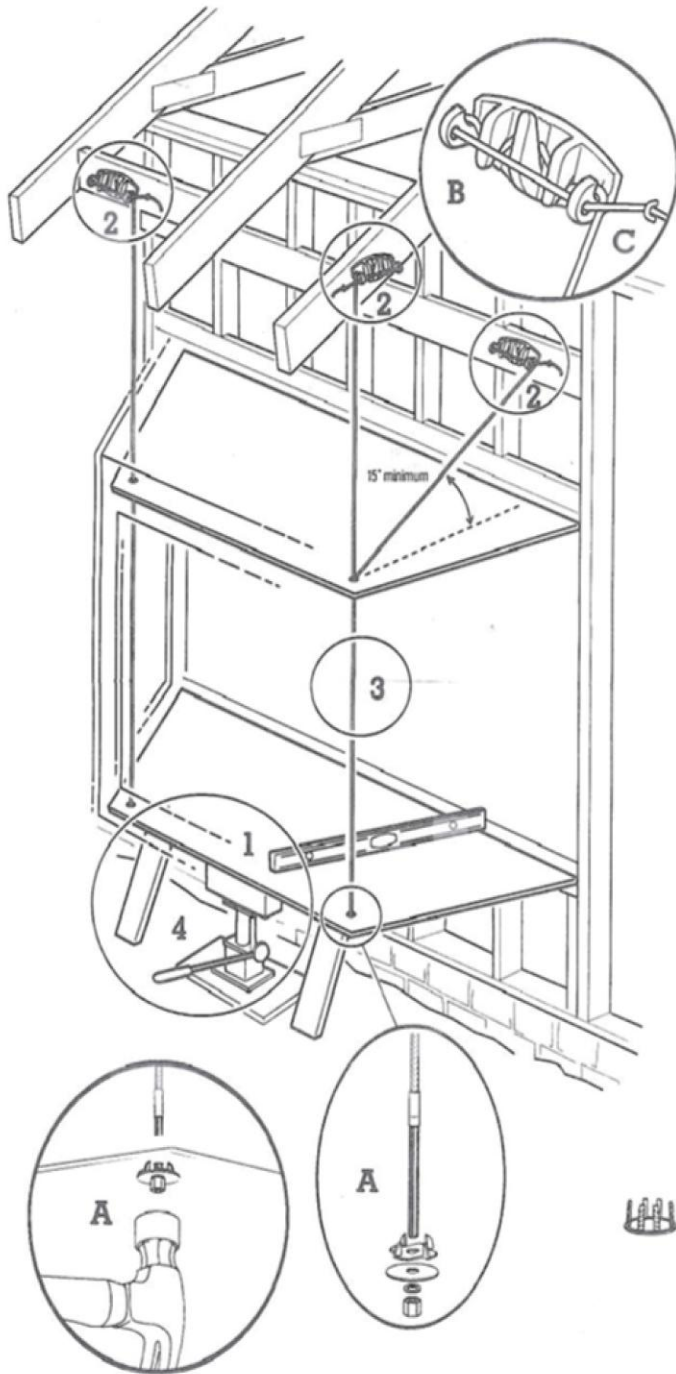
- Projection A: Flat Wall Depth – this is the overall wall depth that the bay/bow window is being installed into. This would include the exterior sheathing, studding, interior drywall, etc.
- Projection B: This is referenced from the outside corner of replacement window frame to the inside edge of the head & seat board. Projection B is what's entered and referenced in our quoting software, but both projections (A&B) will be shown on the bay/bow window sign off drawing.
- Note that different Brickmould types and whether the nailing fin is included or removed from the Brickmould will affect the Projection B so that when installed into the flat wall it will match the Projection A.
- See diagrams below for reference:



Note that cable supports are standard with a head & seat board but are not mandatory. If the bay/bow has a protruding support wall below, cable supports would be in the way when installing it and should be ordered without cable supports.

Cable Supports:

Cable Supports are cables that are attached underneath the bay/bow window that run up through the inside of the mullions and out the top to be attached to the framing on site. Note that cable supports are standard when the bay/bow is ordered with a head & seat board but are not mandatory. If the bay/bow has a protruding support wall below, cable supports would be in the way when installing it and should be ordered without cable supports. Here's our Cable Support Install Details:



1) Initial installation of unit using jack and temporary support braces along with level, unit should be slightly raised above level position.

2) Mount Grip-Tite™ cleats in appropriate position as shown.

A) Put slotted washer pointed side up on stud end of cable followed by flat washer, lock washer and hex nut. Thread hex nut until flush with stud end. Pull cable tight centering slotted washer and tap firmly in place into lower platform making sure that hex nut is flush to stud end so as to not damage threaded stud end. Once slotted washer is securely in place thread hex nut 3/8 inch up stud end. Repeat same procedure with other cable stud ends.

B) Mount with outside fingers pointing upwards

C) Wrap cable through first end finger of Grip-Tite™ cleat pulling cable tight; then weave cable through remaining fingers of cleat and thread excess cable through holes on top of Grip-Tite™ cleat and secure any excess cable over 12 inches with fence staple at any convenient location.

3) Carefully place load on cable system to seat cables.

4) **WARNING!** - For upward adjustment never lift unit by tightening cable hex nut - always use jack and temporary braces to lift unit before adjusting hex nut.

Hole plugs provided for special mounting situations where recessed holes or rigid installation is used.

WARNING! always use proper tools and caution when installing window unit.



3 Lite Existing Bay
Window Sizing Sheet
SM-K008 Version 1.4

Quote #
Customer:
Customer PO#

EXISTING BAY WALL DETAILS

Does the Existing Bay have a Protruding Support Wall: Yes No (Please check Yes or No)
 If Yes, is the Support Wall: Segmented Curved (If curved, please also fill out our Curved Wall Sizing Sheet)
 What Type of Exterior Wall Finish does the Existing Wall have: Brick Wood Siding or Shingles Vinyl Siding
 Other (Please Specify): (Please check one of the options)

EXISTING BAY WINDOW SIZES

Please fill out all the Required Sizes for Either the Outside BM Or the Inside Frame

If both are filled out, please indicate which is most Important (if not indicated, BM Sizes will be used as most important)

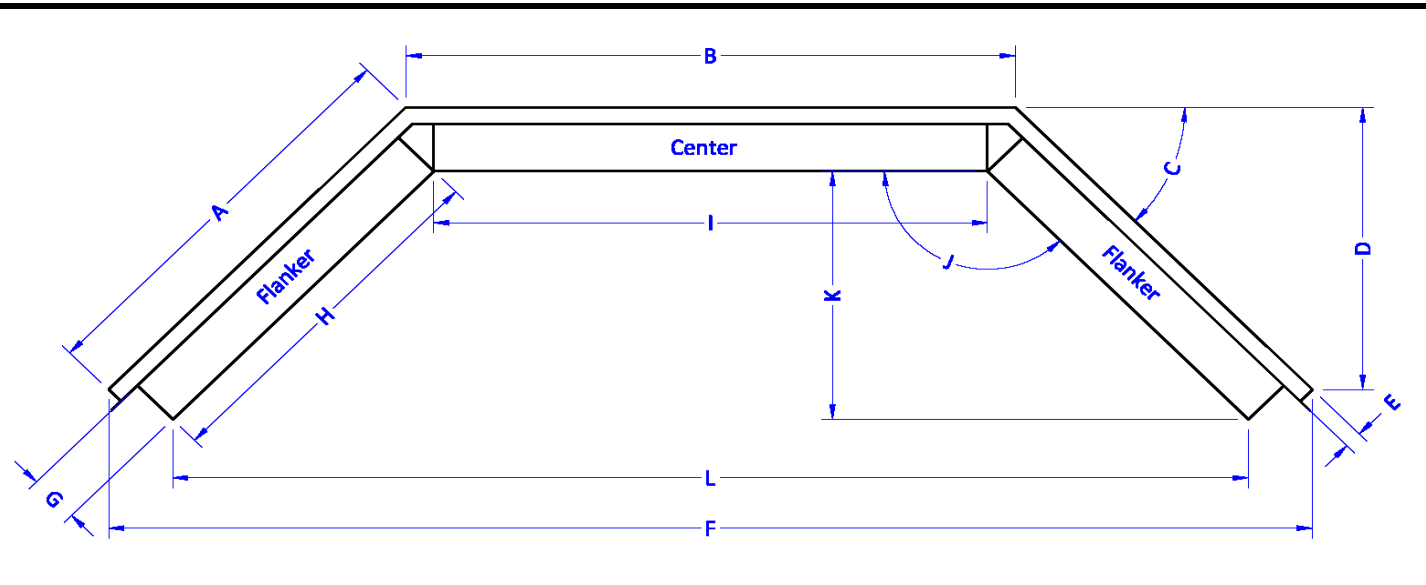
Outside BM Sizes	<input type="checkbox"/> Yes, This is the Most Important Sizes to Match
Required Sizes (these fields must be filled out)	
A	= Outside edge of BM on Flanker
B	= Outside edge of BM on Center
C	= Angle between Center & Flanker
	Overall BM Height
Additional Sizes	
D	= BM Projection
E	= BM Depth
F	= Overall BM Width

Inside Frame Sizes	<input type="checkbox"/> Yes, This is the Most Important Sizes to Match
Required Sizes (these fields must be filled out)	
G	= Frame Depth of Existing Bay
H	= Inside Frame width of Flanker
I	= Inside Frame width of Center
J	= Angle between Center & Flanker
	Overall Frame Height
Additional Sizes	
K	= Inside Frame Projection
L	= Overall Inside Frame Width

Please provide Photos of the Existing Bay Window with this Sizing Sheet

Please reference our Bay/Bow Window Sizing Guide for additional Info

Legend: BM = Window Brickmould



REPLACEMENT BAY WINDOW OPTIONS

Window Series & Style:	PVC Jamb Extension: <input type="checkbox"/> If Yes, provide Jamb Depth:
Exterior Accessory (BM Type):	Head & Seat Board: <input type="checkbox"/> If Yes, provide Flat Wall Depth:
If BM is chosen: <input type="checkbox"/> With Nailing Fin <input type="checkbox"/> Without Nailing Fin	Cable Supports: <input type="checkbox"/> Yes <input type="checkbox"/> No
Glass Type:	Grill Type & Pattern:



4 Lite Existing Bow
Window Sizing Sheet
SM-K009 Version 1.4

Quote #
Customer:
Customer PO#

EXISTING BOW WALL DETAILS

Does the Existing Bow have a Protruding Support Wall: Yes No (Please check Yes or No)
 If Yes, is the Support Wall: Segmented Curved (If curved, please also fill out our Curved Wall Sizing Sheet)
 What Type of Exterior Wall Finish does the Existing Wall have: Brick Wood Siding or Shingles Vinyl Siding
 Other (Please Specify): (Please check one of the options)

EXISTING BOW WINDOW SIZES

Please fill out all the Required Sizes for Either the Outside BM Or the Inside Frame

If both are filled out, please indicate which is most Important (if not indicated, BM Sizes will be used as most important)

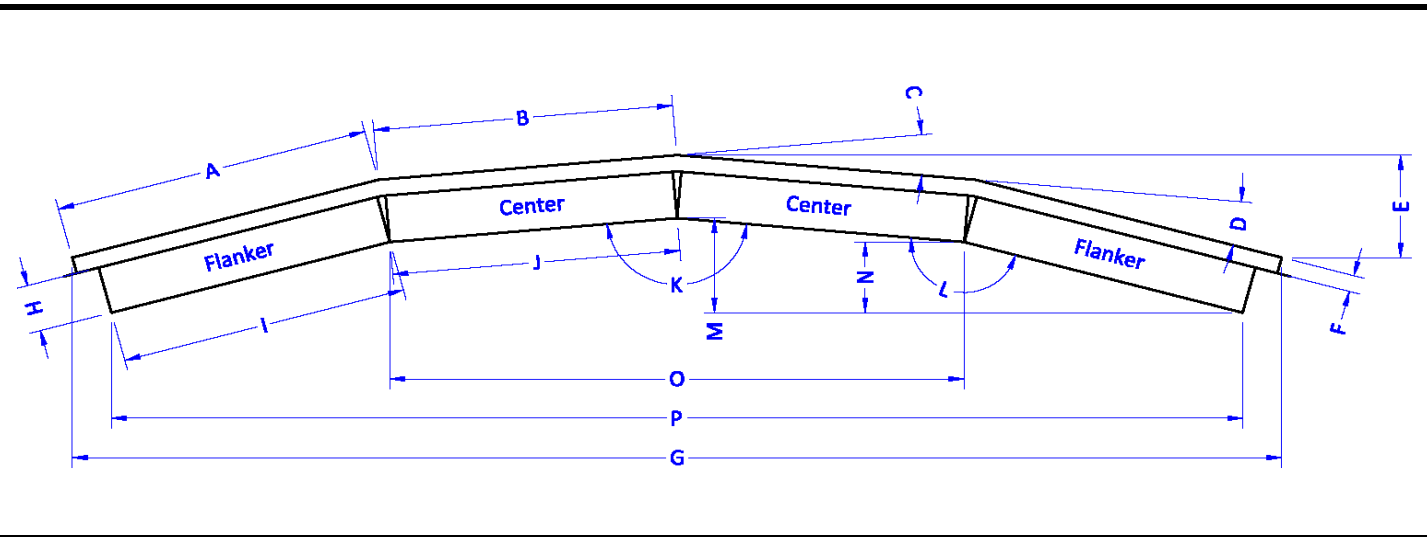
Outside BM Sizes	<input type="checkbox"/> Yes, This is the Most Important Sizes to Match
Required Sizes (these fields must be filled out)	
	A = Outside edge of BM on Flanker
	B = Outside edge of BM on Center
	C = Angle between Center & Center
	D = Angle between Center & Flanker
	Overall BM Height
Additional Sizes	
	E = BM Projection
	F = BM Depth
	G = Overall BM Width

Inside Frame Sizes	<input type="checkbox"/> Yes, This is the Most Important Sizes to Match
Required Sizes (these fields must be filled out)	
	H = Frame Depth of Existing Bow
	I = Inside Frame width of Flanker
	J = Inside Frame width of Center
	K = Angle between Center & Center
	L = Angle between Center & Flanker
	Overall Frame Height
Additional Sizes	
	M = Center Inside Frame Projection
	N = Flanker Inside Frame Projection
	O = Center to Center Inside Frame Width
	P = Overall Inside Frame Width

Please provide Photos of the Existing Bow Window with this Sizing Sheet

Please reference our Bay/Bow Window Sizing Guide for additional Info

Legend: BM = Window Brickmould



REPLACEMENT BOW WINDOW OPTIONS

Window Series & Style:	PVC Jamb Extension: <input type="checkbox"/> If Yes, provide Jamb Depth:
Exterior Accessory (BM Type):	Head & Seat Board: <input type="checkbox"/> If Yes, provide Flat Wall Depth:
If BM is chosen: <input type="checkbox"/> With Nailing Fin <input type="checkbox"/> Without Nailing Fin	Cable Supports: <input type="checkbox"/> Yes <input type="checkbox"/> No
Glass Type:	Grill Type & Pattern:



5 Lite Existing Bow
Window Sizing Sheet
SM-K010 Version 1.4

Quote #
Customer:
Customer PO#

EXISTING BOW WALL DETAILS

Does the Existing Bow have a Protruding Support Wall: Yes No (Please check Yes or No)
 If Yes, is the Support Wall: Segmented Curved (If curved, please also fill out our Curved Wall Sizing Sheet)
 What Type of Exterior Wall Finish does the Existing Wall have: Brick Wood Siding or Shingles Vinyl Siding
 Other (Please Specify): (Please check one of the options)

EXISTING BOW WINDOW SIZES

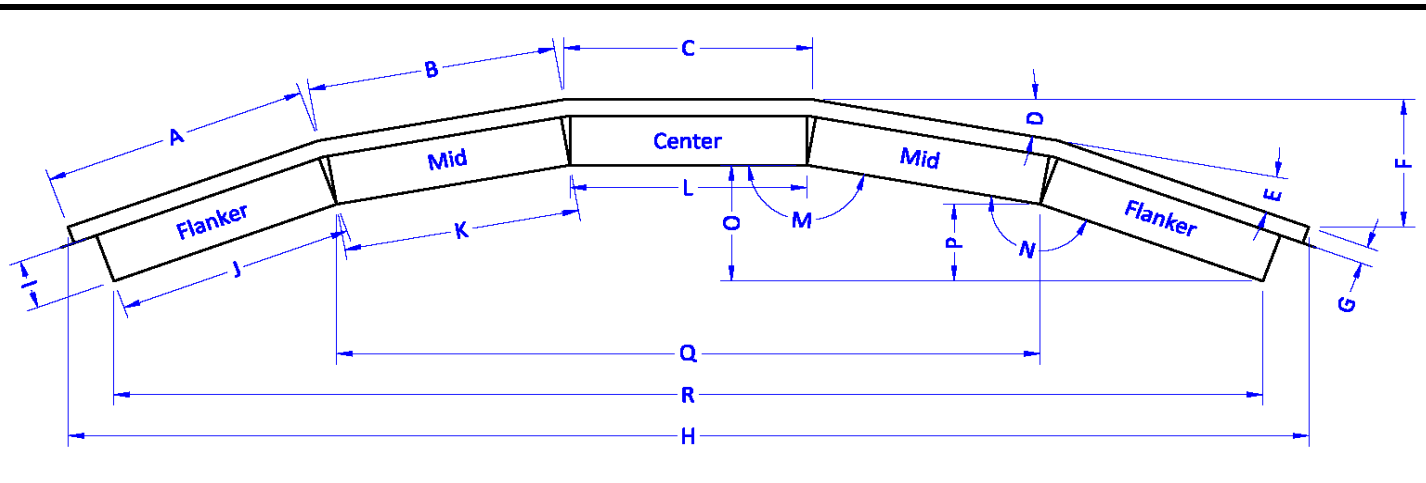
Please fill out all the Required Sizes for Either the Outside BM Or the Inside Frame
 If both are filled out, please indicate which is most Important (if not indicated, BM Sizes will be used as most important)

Outside BM Sizes	<input type="checkbox"/> Yes, This is the Most Important Sizes to Match
Required Sizes (these fields must be filled out)	
A	= Outside edge of BM on Flanker
B	= Outside edge of BM on Mid
C	= Outside edge of BM on Center
D	= Angle between Center & Mid
E	= Angle between Mid & Flanker
	Overall BM Height
Additional Sizes	
F	= BM Projection
G	= BM Depth
H	= Overall BM Width

Inside Frame Sizes	<input type="checkbox"/> Yes, This is the Most Important Sizes to Match
Required Sizes (these fields must be filled out)	
I	= Frame Depth of Existing Bow
J	= Inside Frame width of Flanker
K	= Inside Frame width of Mid
L	= Inside Frame width of Center
M	= Angle between Center & Mid
N	= Angle between Mid & Flanker
	Overall Frame Height
Additional Sizes	
O	= Center Inside Frame Projection
P	= Flanker Inside Frame Projection
Q	= Center to Center Inside Frame Width
R	= Overall Inside Frame Width

Please provide Photos of the Existing Bow Window with this Sizing Sheet
 Please reference our Bay/Bow Window Sizing Guide for additional Info

Legend: BM = Window Brickmould



REPLACEMENT BOW WINDOW OPTIONS

Window Series & Style:	PVC Jamb Extension: <input type="checkbox"/> If Yes, provide Jamb Depth:
Exterior Accessory (BM Type):	Head & Seat Board: <input type="checkbox"/> If Yes, provide Flat Wall Depth:
If BM is chosen: <input type="checkbox"/> With Nailing Fin <input type="checkbox"/> Without Nailing Fin	Cable Supports: <input type="checkbox"/> Yes <input type="checkbox"/> No
Glass Type:	Grill Type & Pattern:



6 Lite Existing Bow
Window Sizing Sheet
SM-K011 Version 1.4

Quote #
Customer:
Customer PO#

EXISTING BOW WALL DETAILS

Does the Existing Bow have a Protruding Support Wall: Yes No (Please check Yes or No)
 If Yes, is the Support Wall: Segmented Curved (If curved, please also fill out our Curved Wall Sizing Sheet)
 What Type of Exterior Wall Finish does the Existing Wall have: Brick Wood Siding or Shingles Vinyl Siding
 Other (Please Specify): (Please check one of the options)

EXISTING BOW WINDOW SIZES

Please fill out all the Required Sizes for Either the Outside BM Or the Inside Frame

If both are filled out, please indicate which is most Important (if not indicated, BM Sizes will be used as most important)

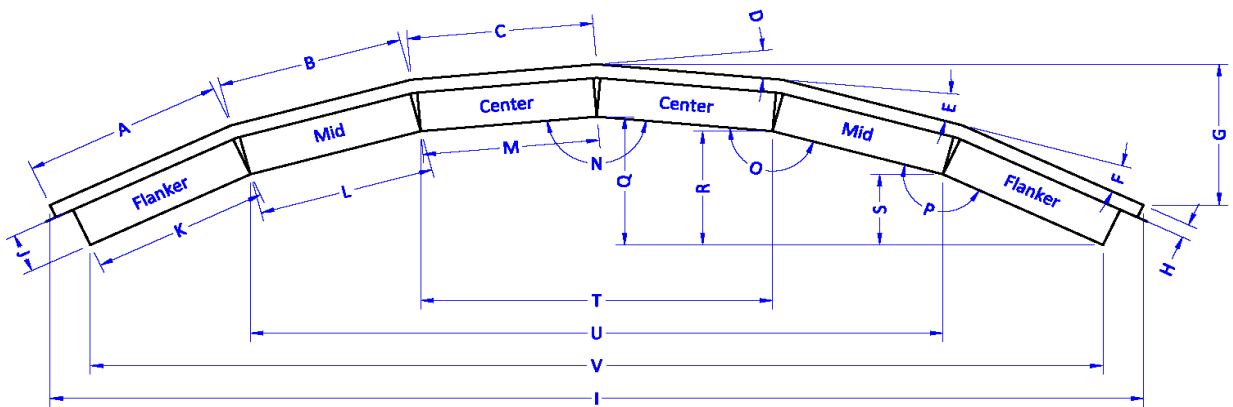
Outside BM Sizes	<input type="checkbox"/> Yes, This is the Most Important Sizes to Match
Required Sizes (these fields must be filled out)	
A	= Outside edge of BM on Flanker
B	= Outside edge of BM on Mid
C	= Outside edge of BM on Center
D	= Angle between Center & Center
E	= Angle between Center & Mid
F	= Angle between Mid & Flanker
	Overall BM Height
Additional Sizes	
G	= BM Projection
H	= BM Depth
I	= Overall BM Width

Inside Frame Sizes	<input type="checkbox"/> Yes, This is the Most Important Sizes to Match
Required Sizes (these fields must be filled out)	
J	= Frame Depth of Existing Bow
K	= Inside Frame width of Flanker
L	= Inside Frame width of Mid
M	= Inside Frame width of Center
N	= Angle between Center & Center
O	= Angle between Center & Mid
P	= Angle between Mid & Flanker
	Overall Frame Height
Additional Sizes	
Q	= Center Inside Frame Projection
R	= Mid Inside Frame Projection
S	= Flanker Inside Frame Projection
T	= Center to Center Inside Frame Width
U	= Mid to Mid Inside Frame Width
V	= Overall Inside Frame Width

Please provide Photos of the Existing Bow Window with this Sizing Sheet

Please reference our Bay/Bow Window Sizing Guide for additional Info

Legend: BM = Window Brickmould



REPLACEMENT BOW WINDOW OPTIONS

Window Series & Style:	PVC Jamb Extension: <input type="checkbox"/> If Yes, provide Jamb Depth:
Exterior Accessory (BM Type):	Head & Seat Board: <input type="checkbox"/> If Yes, provide Flat Wall Depth:
If BM is chosen: <input type="checkbox"/> With Nailing Fin <input type="checkbox"/> Without Nailing Fin	Cable Supports: <input type="checkbox"/> Yes <input type="checkbox"/> No
Glass Type:	Grill Type & Pattern:



Existing Bow Window
Curved Wall Sizing Sheet
SM-K012 Version 1.0

Quote #
Customer:
Customer PO#

EXISTING CURVED BOW WALL DETAILS

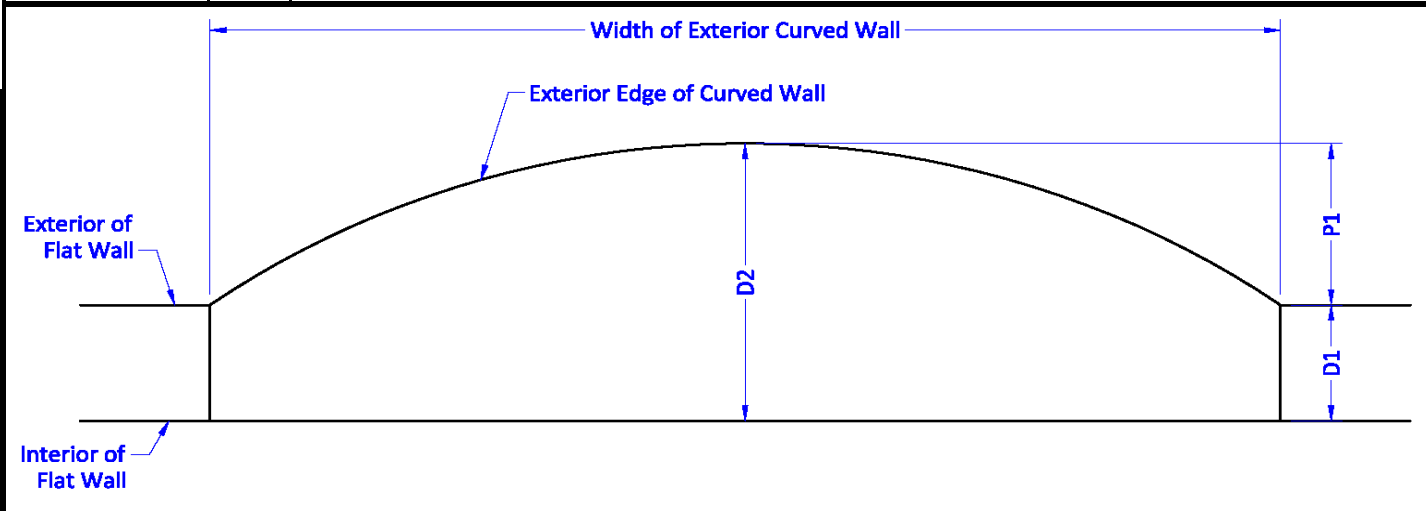
If the replacement bay/bow window is being supported by a curved wall below, we require some additional information along with the 'Existing Bay/Bow Window Sizing Sheet' and photos of the existing bay/bow window. Existing bay/bow windows sitting on a curved support wall often fall outside our angle limitations. Since we aren't able to match the existing window exactly, we require additional information for us to re-create the support wall in a drawing and provide a replacement that will work with the existing curved wall.

The following measurements are the minimum requirements for sizing a bay/bow on a curved wall. Below is an example diagram, depending on the existing bay/bow we may ask more questions to size these correctly. Please reference our Bay/Bow Window Sizing Guide for additional info and recommended measuring.

	Width of Exterior Curved Wall	
P1	= Projection from Center of Exterior Curved Wall to Exterior of Flat Wall	

If the Replacement Bow Window Requires a Head & Seat Board, please also provide the D1 and D2 measurements

D1	= Flat Wall Depth - overall from exterior of flat wall to interior of flat wall. Estimated if needed based on wall material.
D2	= Depth from Center of Exterior Curved Wall to Interior of Flat Wall Measure from center of exterior curved wall to exterior of glass on center window, and interior of glass on center window to interior of flat wall, estimate the glass thickness, and add the 3 measurements together. Note: D2 measurement should equal D1 and P1 added together.



What Type of Exterior Wall Finish does the Existing Wall have on the Sides of the Existing Bow Window:

- Brick
 Wood Siding or Shingles
 Vinyl Siding
 Other (Please Specify):

What Sill Type does the Existing Wall have on the Bottom of the Existing Bow Window:
 Brick/Stone Ledge
 Wood Wall

Typically the Brickmould would sit on top of the curved wall if the ledge is brick or stone, but is in front of it if it's a wood support wall

Please provide Photos of the Existing Bow Window with this Sizing Sheet

Please reference our Bay/Bow Window Sizing Guide for additional Info

Legend: BM = Window Brickmould

REPLACEMENT BOW WINDOW OPTIONS

Window Series & Style:	PVC Jamb Extension: <input type="checkbox"/> If Yes, provide Jamb Depth:
Exterior Accessory (BM Type):	Head & Seat Board: <input type="checkbox"/> Yes
If BM is chosen: <input type="checkbox"/> With Nailing Fin <input type="checkbox"/> Without Nailing Fin	Cable Supports: <input type="checkbox"/> Yes <input type="checkbox"/> No
Glass Type:	Grill Type & Pattern:



New Construction & Flat Wall Window Replacement
Bay/Bow Sizing Sheet

SM-K013

Version 1.0

Quote #

Customer:

Customer PO#

BAY/BOW WINDOW SIZES

Construction Type: New Construction Flat Wall Replacement
(Please check one of the options)

Bay/Bow Wall Support Type: Installing Cable Supports
(Please check one of the options) Support Wall being Framed In Below to Match Bay/Bow
 Support Wall Below that's already Framed In

If you've chosen this option, please provide Photos and Measurements of the Framing referenced from the Exterior of the Support Wall

Overall Bay/Bow Size: Width = Height =

Measurement Type provided above: Frame RSO BM Brick Opening
(Please check one of the options)

Number of Units Wide: 3 4 5 6
(Please check one of the options)

Angle of Bay/Bow Mullions: 10° 30° 45° Custom (Please Specify):

Bay/Bow Frame Projection from Exterior of Flat Wall =

BAY/BOW WINDOW OPTIONS

Window Series & Style: PVC Jamb Extension: If Yes, provide Jamb Depth:

Exterior Accessory (BM Type): Head & Seat Board: If Yes, provide Flat Wall Depth:

If BM is chosen: With Nailing Fin Without Nailing Fin Cable Supports: Yes No

Glass Type: Grill Type & Pattern: