

The *Architectural Detail Configurator* gives you an easy way to customize window and door drawings for common design requirements. This unique web application allows you to insert a specific window or door directly into a CAD drawing or print elevations and section details. Simply select options on the *Architectural Detail Configurator* screen and then import a dynamically generated elevation or section detail. No additional drafting required.

Select a Product to Configure

This tutorial will take you through the steps necessary to create the following unit and insert it into an AutoCAD drawing.

Product Type	<i>Casement</i>
Size	<i>2' 8" x 5' 6"</i>
Divided Light	<i>7/8" MDL</i>
Light Pattern	<i>Prairie</i>
Jamb Depth	<i>8" with step jamb</i>
Exterior Accessory	<i>Brickmold with sill nosing</i>

Several additional options are available for casement windows alone, but this example will let you become familiar with the *Architectural Detail Configurator* features.

Start by browsing the product offerings under **Clad Windows** in the **Select Product** tab. Click **Clad Casement/Awning/Auxiliary**.



Configure Product

After you select the product, the configurator automatically switches to the **Configure Product** tab and draws a default window elevation at 2' 0" x 4' 0".

The screenshot displays the Eagle Architectural Detail Configurator interface. On the left side, there is a configuration panel with the following options:

- Select Product:** Configure Product (selected), Add Accessories
- Call Size Width:** 2-0
- Frame Width:** 24
- Call Size Height:** 4-0
- Frame Height:** 48
- Handing:** Left hand
- Unit Type:** Full unit
- Grille Type:** None
- Wall Depth:** 2 7/8
- Step Jamb:** No
- Drywall Return for CMT/AUX:** None

On the right side, a window elevation drawing is shown with a width dimension of 2' 0" and a height dimension of 4' 0". Above the drawing is a toolbar with icons for navigation and a "View Details" button. The top right corner of the interface features the text "Architectural Detail Configurator".

At the bottom of the interface, there is a green circle icon and the text: "<- When the light is green, it can be used to idrop the current section view to Autocad. Click here to get I-Drop!".

The **Configure Product** tab offers the unit size, grille size and grille pattern. In this tutorial, we will modify the default settings as follows:

- **Call Size Width** from “2-0” to “2-8”
- **Call Size Height** from “4-0” to “5-6”
- **Grille Type** from “None” to “7/8 Colonial MDL”
- **Grille Pattern** from “Traditional” to “Prairie” (note that the **Grille Pattern** option does not appear until a **Grille Type** is selected)

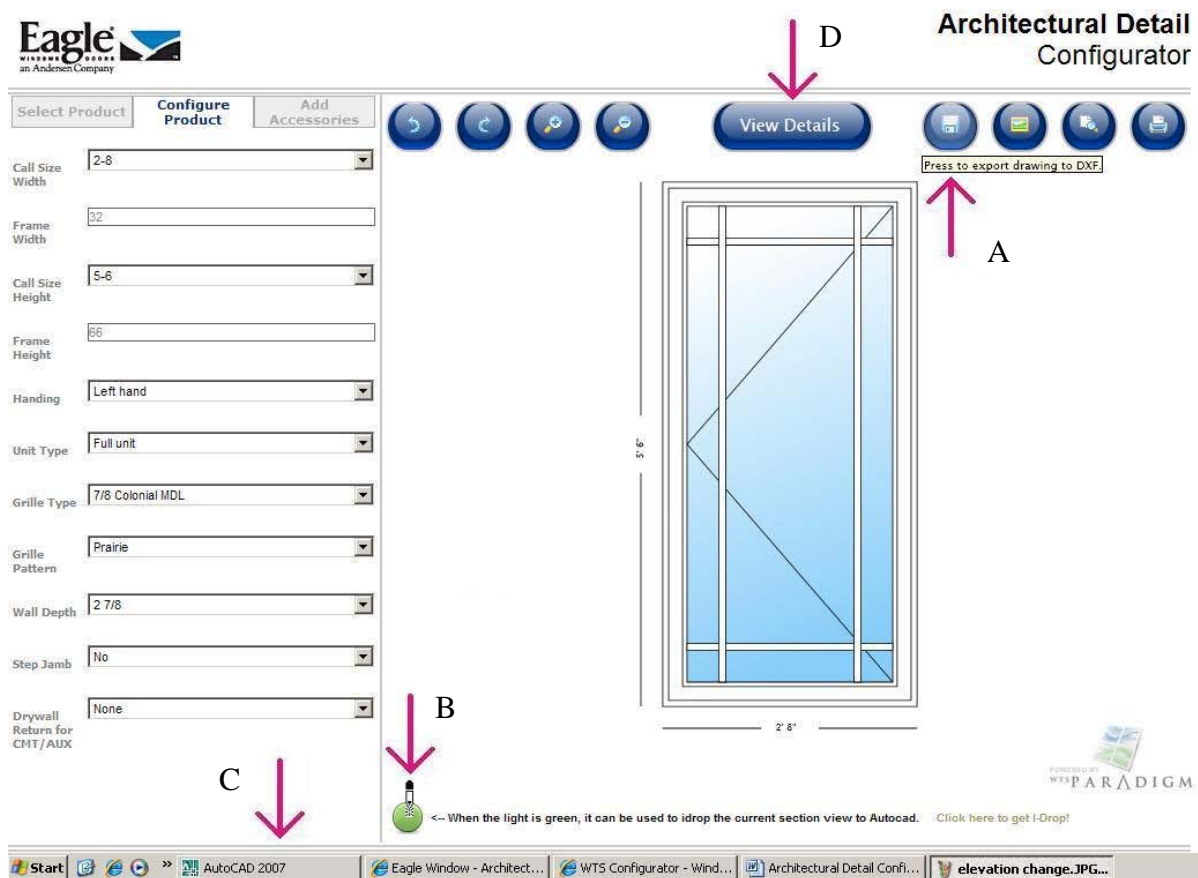
Change from

	Select Product	Configure Product	Add Accessories
Call Size Width		2-0	
Frame Width		24	
Call Size Height		4-0	
Frame Height		48	
Handing		Left hand	
Unit Type		Full unit	
Grille Type		None	
Wall Depth		2 7/8	
Step Jamb		No	
Drywall Return for CMT/AUX		None	

Change to

	Select Product	Configure Product	Add Accessories
Call Size Width		2-8	←
Frame Width		32	
Call Size Height		5-6	←
Frame Height		66	
Handing		Left hand	
Unit Type		Full unit	
Grille Type		7/8 Colonial MDL	←
Grille Pattern		Prairie	←
Wall Depth		2 7/8	
Step Jamb		No	
Drywall Return for CMT/AUX		None	

The elevation drawing is automatically configured to the dimensions and grille pattern you selected.



Insert Elevation into Drawing

The elevation is now ready to be inserted into a CAD program. You can download a .dxf file by clicking the **Export to DXF** button (A). Save the file, and then open it in your CAD program. AutoCAD versions that are unable to use i-drop[®] will open these .dxf files just like .dwg files.

If you use an Autodesk[®] product like AutoCAD, you can drag and drop the elevation into an active drawing:

1. Place your cursor over the green ball (B) at the bottom of the window. (If you don't see the green ball, you may need to update your browser. See **Architectural Detail Configurator: Downloads** for more information.) The pointer will turn into a hand-type cursor.
2. Click once on the green ball to activate the i-drop[®] indicator. Now, when the pointer is placed on the green ball it turns into an "eye-dropper" cursor.
3. You can grab the green ball by selecting it, holding down the mouse button, then dragging it into AutoCAD. If the AutoCAD workspace is open but not visible on the desktop, drag the eye dropper briefly over the AutoCAD application on your desktop toolbar (C) to restore AutoCAD.
4. Place the cursor in the drawing. Let go of the mouse button and the elevation will appear. Place the elevation where you want it and click to drop it into the drawing.

Viewing Section Details

To open all three section details, click the **View Details** button (D on previous page) at the top of the drawing area. The configurator offers you familiar tools for examining the drawing:

- Buttons for zooming in and out (E)
- Panning by placing the cursor over one of the lines of the drawing, clicking and dragging the mouse
- Buttons to center the head, jamb, sill or all (F)

Eagle
WINDOWS DOORS
an Andersen Company

Architectural Detail Configurator

Select Product Configure Product Add Accessories

Call Size Width: 2-8

Frame Width: 32

Call Size Height: 5-6

Frame Height: 66

Handing: Left hand

Unit Type: Full unit

Grille Type: 7/8 Colonial MDL

Grille Pattern: Prairie

Wall Depth: 2 7/8

Step Jamb: No

Drywall Return for CMT/AUX: None

View Elevation

Head

Jamb

Sill

All

<- When the light is green, it can be used to idrop the current section view to Autocad. [Click here to get I-Drop!](#)

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Configure Wall Depth

Certain options are more apparent when magnifying the section details.

First, click the **Head** button to zoom and center the head jamb detail. Then, set these options on the **Configure Product** tab:

- **Wall Depth** from “2 7/8” to “8”
- **Step Jamb** from “No” to “Std step jamb”

Change from

	Select Product	Configure Product	Add Accessories
Call Size Width		2-8	
Frame Width		32	
Call Size Height		5-6	
Frame Height		66	
Handing		Left hand	
Unit Type		Full unit	
Grille Type		7/8 Colonial MDL	
Grille Pattern		Prairie	
Wall Depth		2 7/8	
Step Jamb		No	
Drywall Return for CMT/AUX		None	

Change to

	Select Product	Configure Product	Add Accessories
Call Size Width		2-8	
Frame Width		32	
Call Size Height		5-6	
Frame Height		66	
Handing		Left hand	
Unit Type		Full unit	
Grille Type		7/8 Colonial MDL	
Grille Pattern		Prairie	
Wall Depth		8	←
Step Jamb		Std step jamb	←
Kerfed Edge		No	

Note that some options are enabled only when you set appropriate values for related specifications. In this case, the **Drywall Return for CMT/AUX** option disappears when the jamb depth is changed to anything other than “2 7/8,” a logical dependency that the *Architectural Detail Configurator* validates for you.

Add Accessories

Now, to add the brickmold, switch to the **Add Accessories** tab.


Click the **Head** or **Jamb** button in the drawing area to focus on one of those section details.

The screenshot displays the Eagle Architectural Detail Configurator software interface. At the top left is the Eagle logo. The main interface is divided into three tabs: 'Select Product', 'Configure Product', and 'Add Accessories'. The 'Add Accessories' tab is active, showing a grid of six accessory options with their respective dimensions:

- Nail Fin**: Dimensions 2 5/8 and 1 5/8.
- Extruded Drip Cap**: Dimensions 1 11/16 and 1 5/8.
- Casing A754**: Dimension 1 7/16.
- Casing A753**: Dimension 1 7/16.
- Expandable Brickmold Interior Flange**: Dimensions 2 5/8 and 3 1/8.
- Expandable Brickmold Exterior Flange**: Dimension 1 5/16.
- Casing A755**: Dimension 2 5/8.
- Expandable Flat Casing Exterior Flange**: Dimension 1 5/16.

On the right side of the interface, there are navigation buttons: 'View Elevation', a list of icons, and a vertical stack of buttons labeled 'Head', 'Jamb', 'Sill', and 'All'. Below these buttons is a technical drawing of a window section. At the bottom right, there is a logo for 'FORMED BY WTS PARADIGM' and a note: '<-- When the light is green, it can be used to idrop the current section view to Autocad. Click here to get I-Drop!'.


Select **Casing A753** by clicking the image on the tab. (Scroll down for additional profiles.) Wait for the brickmold to appear in the drawing before continuing.



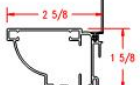
Architectural Detail Configurator

Select Product Configure Product **Add Accessories**

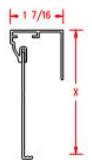
Head/Jamb Sill



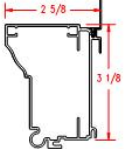
Nail Fin




Casing A754




Expandable Brickmold Interior Flange



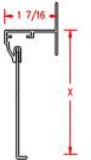
Casing A755



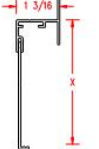
Extruded Drip Cap







Casing A753







Expandable Brickmold Exterior Flange



Expandable Flat Casing Exterior Flange

View Elevation

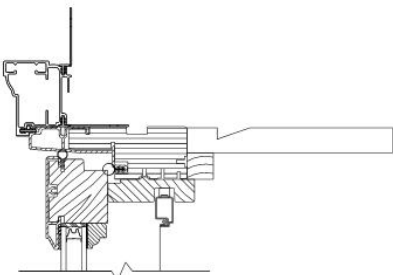






Head

Jamb

Sill

All





←- When the light is green, it can be used to idrop the current section view to Autocad. [Click here to get i-Drop!](#)

Brickmold can be combined with a variety of sill accessories, therefore these options are on separate panes within the **Add Accessories** tab. To view the sill accessory offerings, select the **Sill** button (G) under **Add Accessories**.

To finish customizing this casement, click the **Sill Nosing A751** image.

The screenshot displays the Eagle Architectural Detail Configurator interface. At the top left is the Eagle logo. The main navigation area includes 'Select Product', 'Configure Product', and 'Add Accessories' tabs. Under 'Add Accessories', the 'Sill' category is selected, showing options for 'Casing A753', 'Sill Nosing A751', 'Extruded Subsill', 'Alternate Subsill', and 'Subframe Shell Sill'. A large 3D cutaway diagram of a window sill assembly is displayed on the right. A toolbar at the top includes 'View Elevation' and various navigation icons. A legend at the bottom explains the I-Drop feature.

The section details are now ready to be imported to your CAD software using the same steps you followed earlier to incorporate the elevation drawings.