

# PRODUCT CATALOG

Architectural Elements



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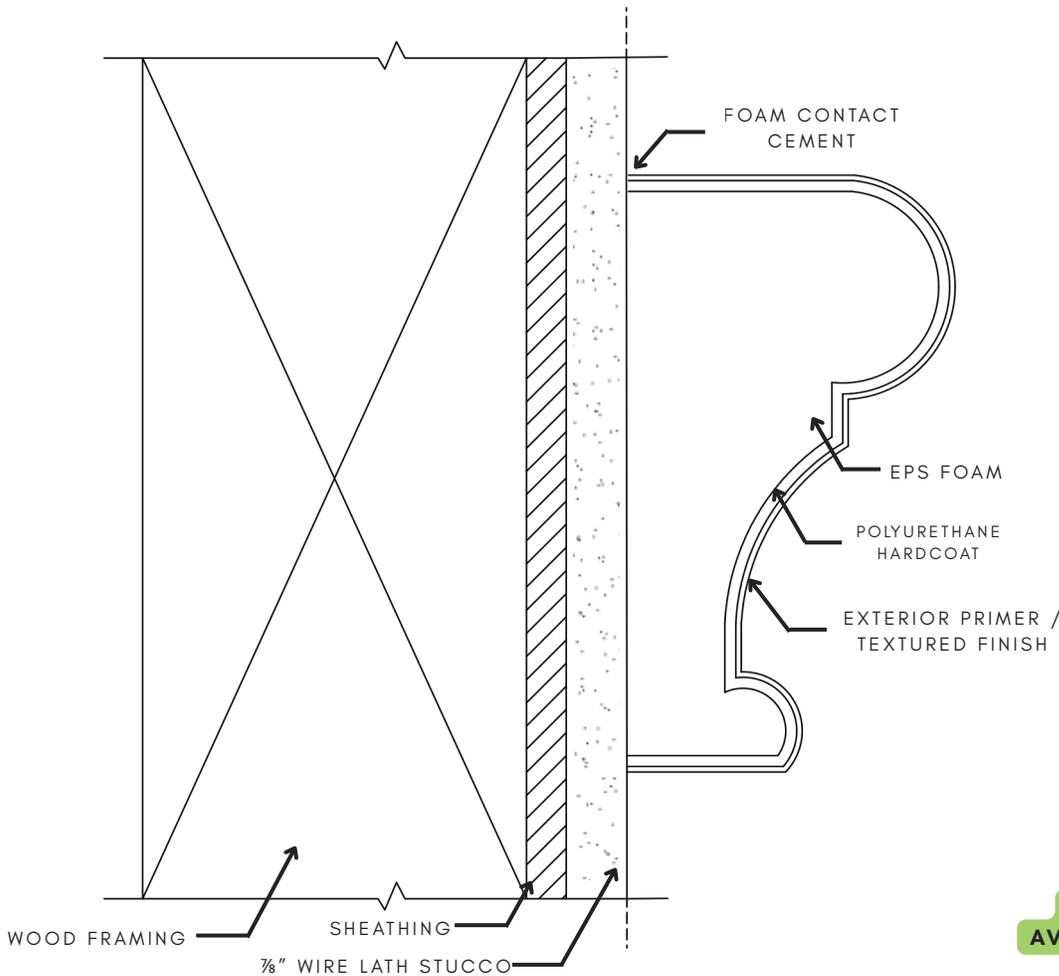
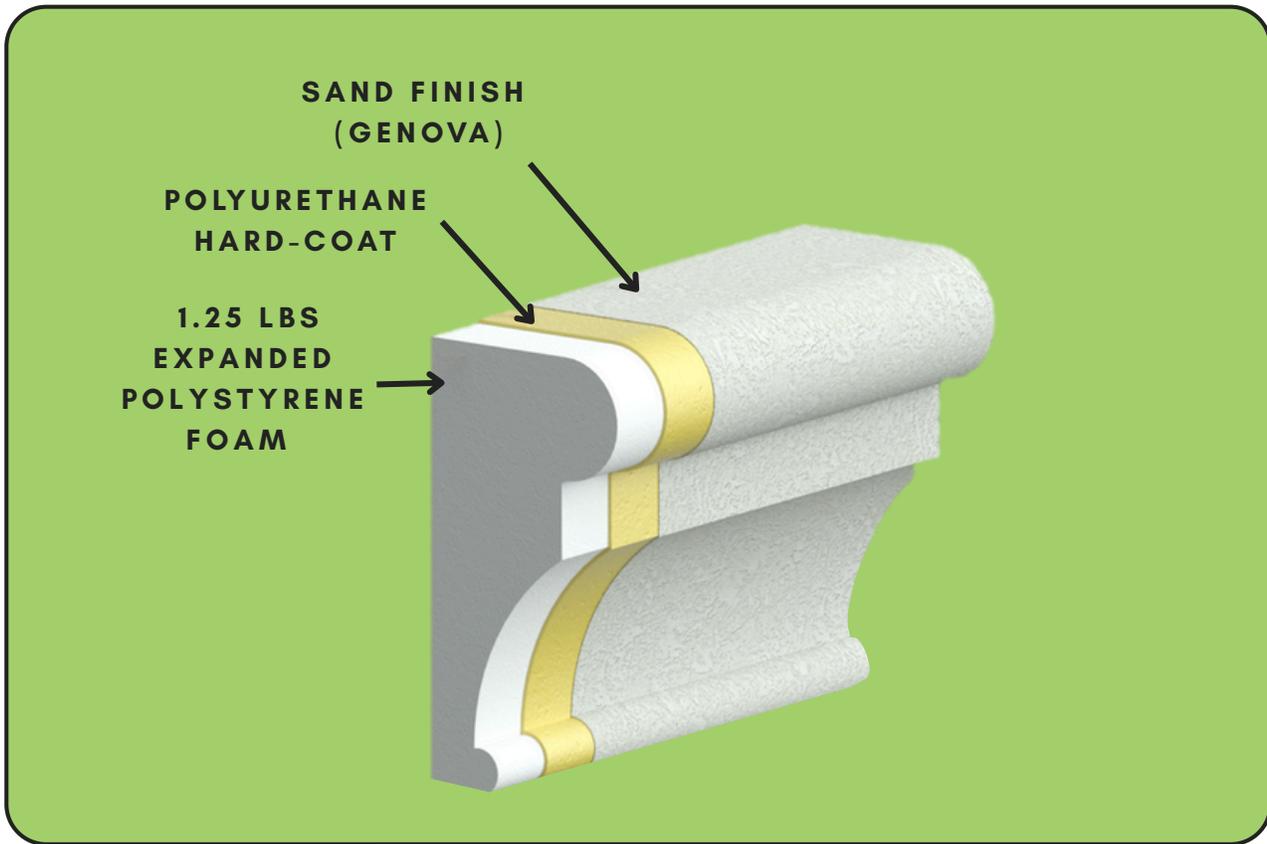
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# HARD-COATED EPS FOAM SYSTEM



## FINISHES



**MEDIUM SAND**



**FINE SAND**



**PRIMER**

**OTHER FINISHES & FOAM DENSITY AVAILABLE PER CUSTOMER REQUEST**



*Using Expanded Polystyrene (EPS) foam as its material of choice, Foam King Designs provides cost-effective, competitive solutions to a variety of markets, notably the construction industry.*

A leader in providing architectural foam – a lightweight, durable decorative element in both residential and commercial applications – Foam King Designs products can mimic the appearance of any element, for example, wood, stone or plaster. This provides the desired look of a design at a fraction of the weight and cost. Architecture foam products are resistant to moisture, suitable for both interior and exterior applications, and extremely light weight for ease of installation.



**Manufacturers of  
Architectural Foam  
Shapes & Cast Stone**

**CONSTRUCTION INTEGRITY**

Expanded Polystyrene (EPS) is a rigid, foamed plastic with resilient closed cells in a range of densities. The EPS product Foam King Designs typically uses is Carpenter’s 1.25 lb. block, manufactured to meet ASTM C578-95.

It complies with the flammability requirements of BOCA, ICBO, and SBCCI building codes; is approved for use under the current Miami-Dade County Building Code requirements as well as the recognized Florida Building Code approvals. (EPS construction products are classified in Division 7 of the Construction Specifications Institute.) It’s strength, rigidity, and low density meets ASTM D6817 “Standard Specification for Rigid, Cellular Polystyrene Geofoam.”

The current industry standard for sealing and protecting Expanded Polystyrene shapes is to first create an ultra-hard shell, followed by a durable, weather-resistant coating. At Foam King Designs,

a two-part polyurethane resin manufactured by Urethane Technology Company is first applied. The product was developed for applications wherever a tough monolithic membrane is required. This hard urethane shell known as the hardcoat, is highly durable with impact and moisture resistance.

Once the hardcoat is dry, an acrylic polymer finish is applied. The coating used in this process is one of Decoplast's weather resistant barrier finishes. Custom colors and custom matches are available. Designed for exterior use, Decoplast's finishes withstand thermal expansion and contraction without delamination.

*NOTE: The hard-coat and/or finish selected may result in a minor variability in product dimensions, usually within a 1/8th inch margin.*

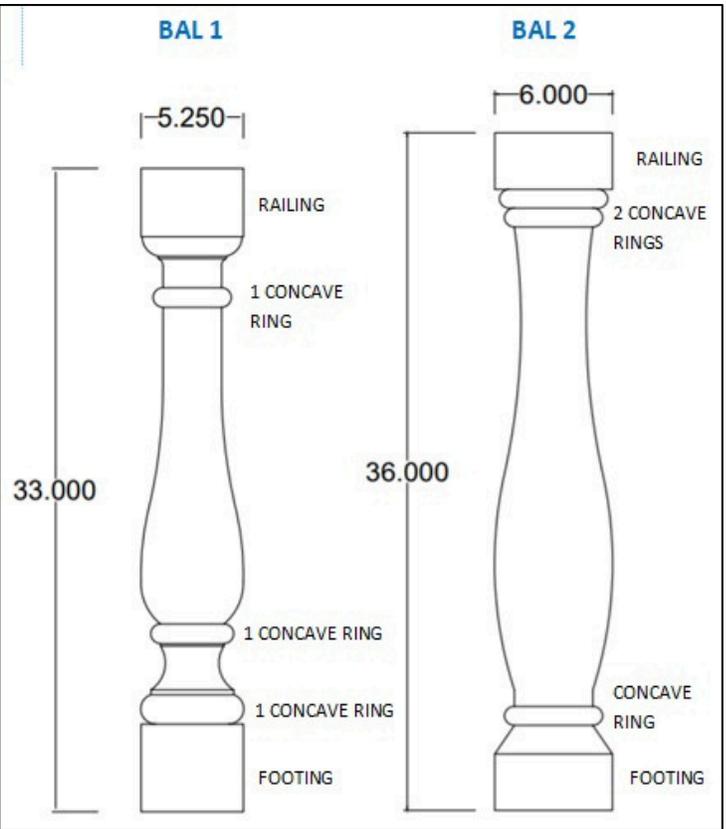
**DESIGN INTEGRITY**

Due to the variable nature of producing custom designs, many dimensional requirements accurately specifying the end product are gathered prior to the creation of a digitized, 3D technical drawing. Whenever possible, submit blueprint drawings.

For example, see the profiles in Diagram 1 (right). In addition to length, width, and depth, required measurements include all specifics that define each design feature: the length of the footing, the size of each concave ring, the length of the leg, etc. The more curves or planes to a profile, the more measurements are required.

Manufacturing various architectural profiles in foam is probably the most cost-effective way there is in today's market to add this feature to a home or commercial project.

***If you need your columns made of a stronger material, Foam King Designs also has precast capabilities.***



**Diagram 1**

## COLLABORATION

There are occasions when installation may not meet blueprint specifications. An example of this is when a bracket cannot be mounted flush to the building for some reason, though the design called for a mounted bracket. The fabrication team can adjust the bracket dimension by adjusting the design.



Sample bracket

In this case, in addition to the height, length, and width of the bracket, include the height and width of the plates.

The AutoCAD file is finalized only with customer signature approval, indicating that it accurately represents the desired result.

*NOTE: A hot wire CNC cutter reproduces the foam profile in correct proportion to the dimensions specified, within  $\pm .002$ "/foot.*

## FINISHING TOUCHES

While EPS block size-limitations dictate one-piece length capabilities, Tytan Foam Bond 60 is used to fasten raw foam pieces together to meet an architect's design. The bond contains no solvents, making it EPS foam safe. Bonding substrates occurs within seconds and it is secure within five minutes of application. Within 24-hours the profile is ready for coating.



8' x 6' x 5' FOAM BLOCKS



Foam King Designs uses a highly productive, powerful design and drafting software program that draws at a real world scale (1:1).

4 AXIS ROUTER



3 AXIS HOT WIRE



## CUSTOMER SERVICE

In addition to contacting our team at Foam King Designs check out our website website. In addition to showcasing samples of our work, standard profiles are available for order.

*Let us quote your next job!* PHONE: 321-401-5151



Scan for more info.



**FOAM**



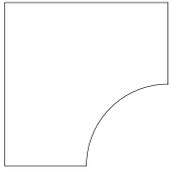
## PRECAST



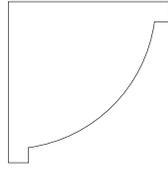
- Adhesives & Bonding Agents
- Weather Resistant Barriers
- Basecoats
- Fiberglass Reinforcing Meshes & Flashing Fabrics
- Decolath
- Coatings
- Speciality Finishes



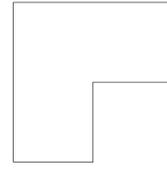
**Ask about our shipping options!**



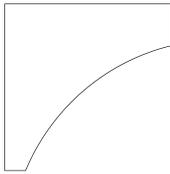
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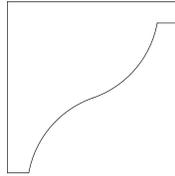
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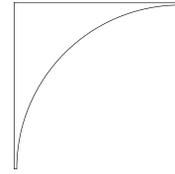
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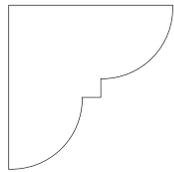
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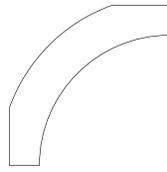
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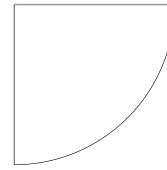
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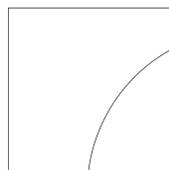
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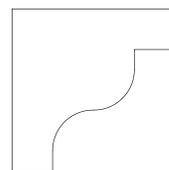
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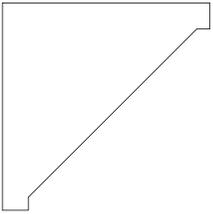
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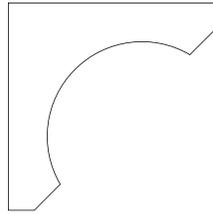
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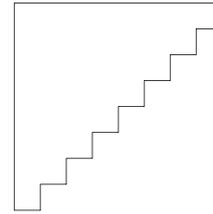
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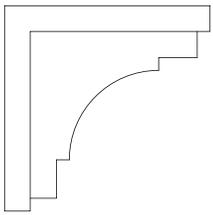
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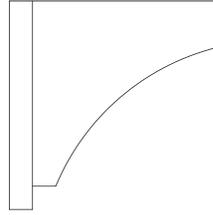
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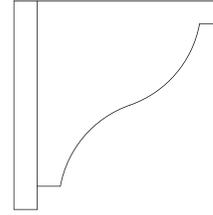
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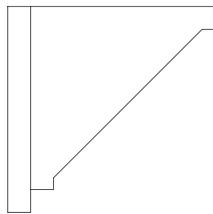
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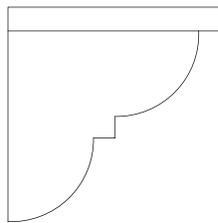
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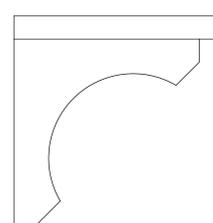
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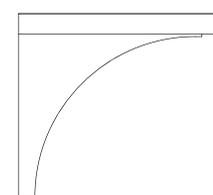
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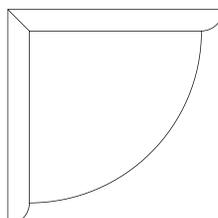
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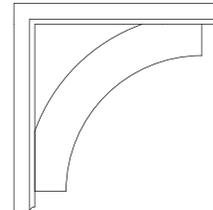
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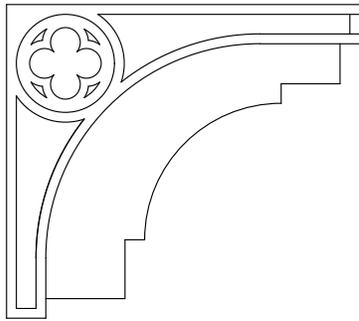


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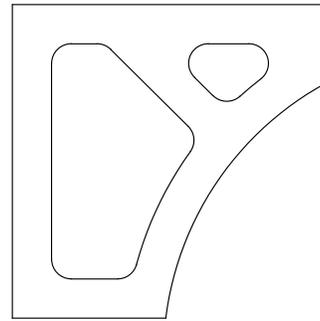


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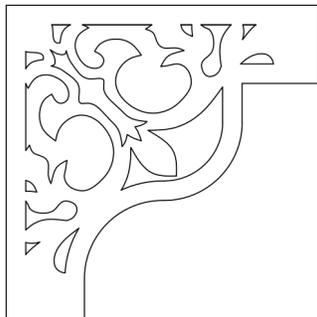
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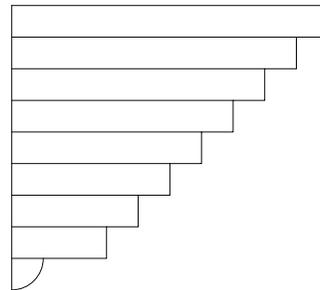
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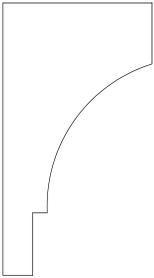
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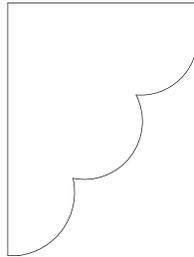
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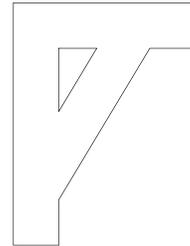
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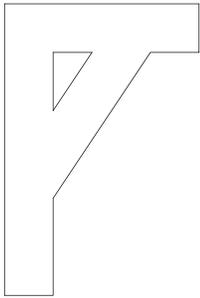
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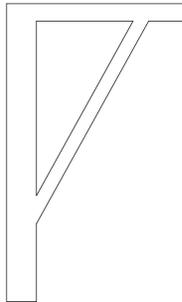
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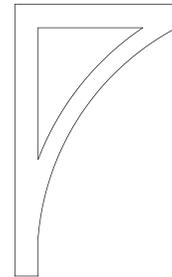
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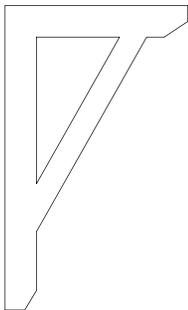
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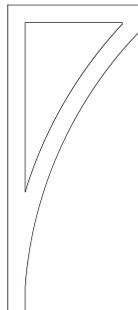
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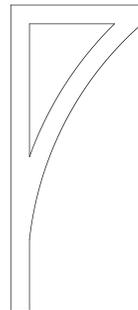
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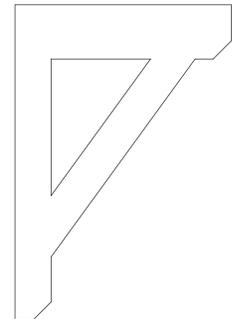
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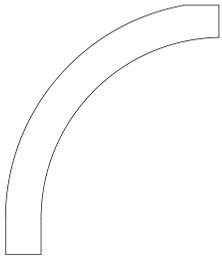
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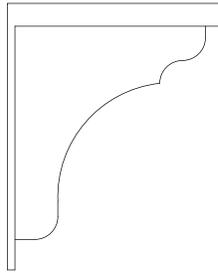
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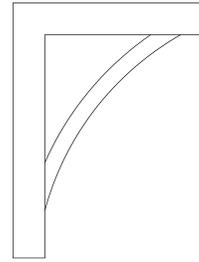
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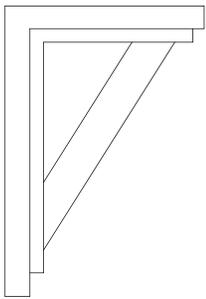
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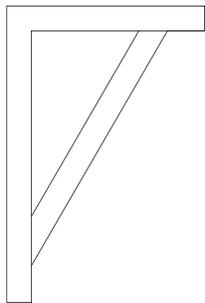
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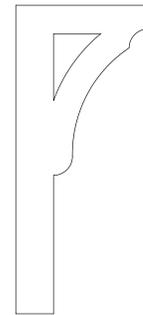
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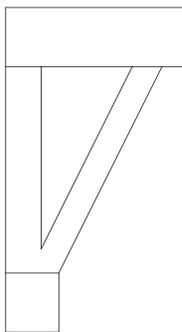
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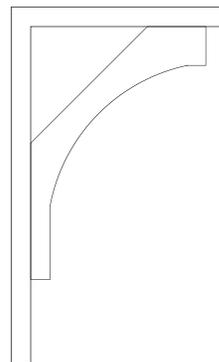
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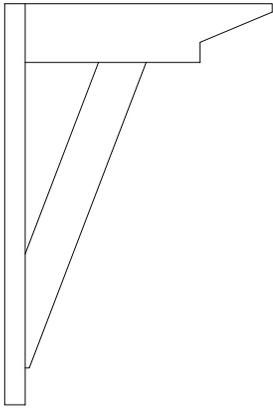
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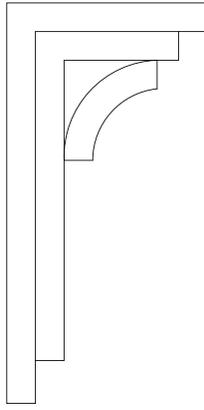
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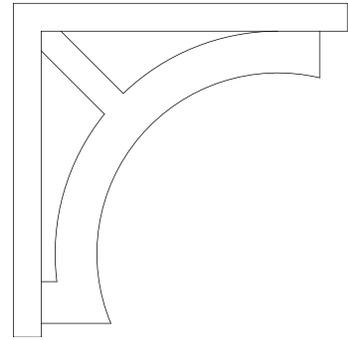
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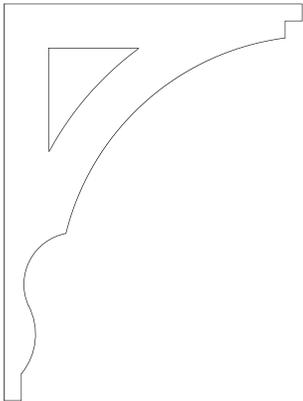
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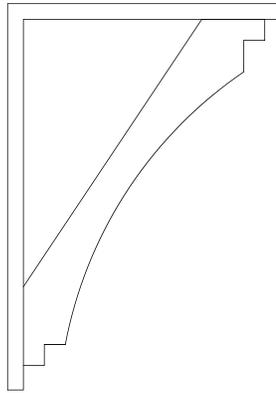
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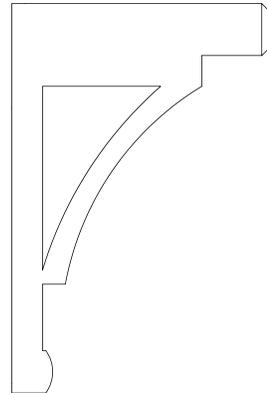
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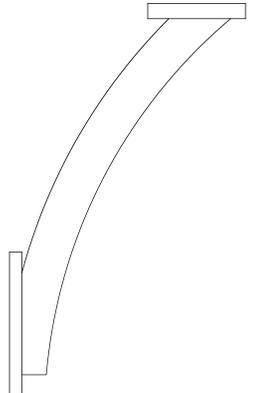
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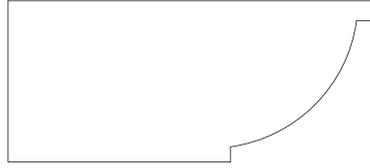
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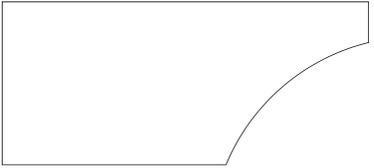
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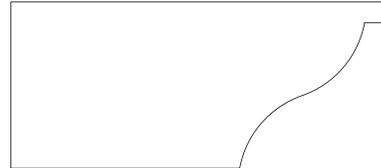
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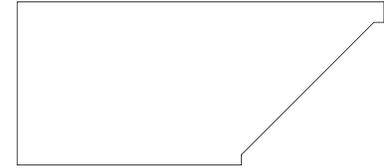
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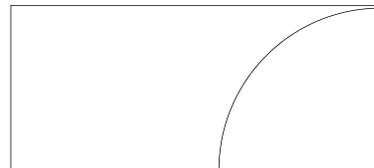
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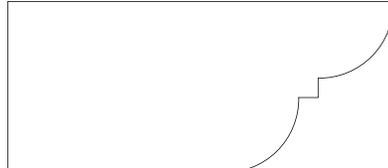
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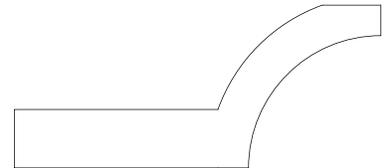
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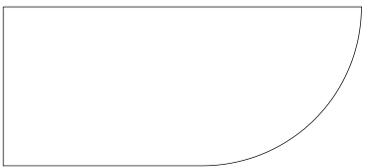
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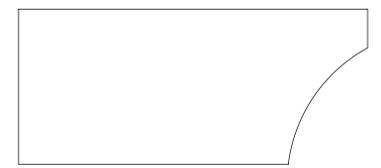
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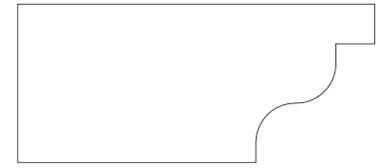
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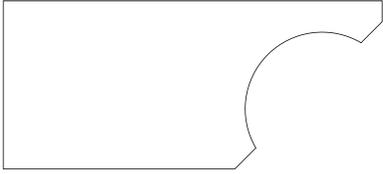


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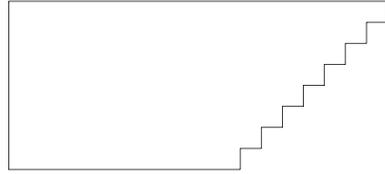


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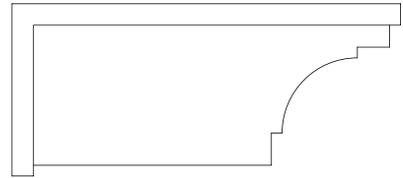
RafterTails



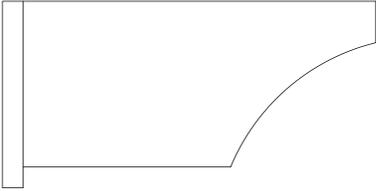
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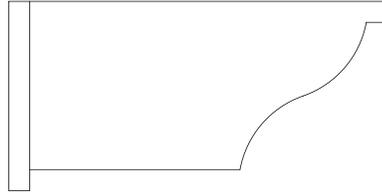
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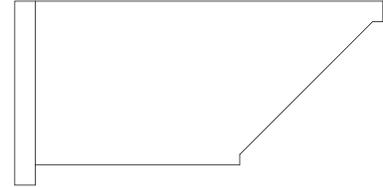
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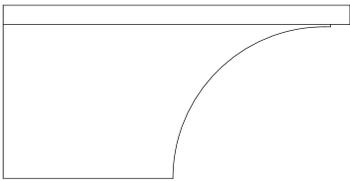
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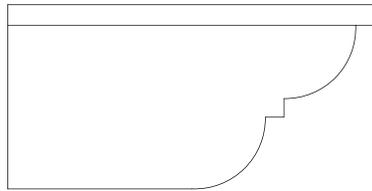
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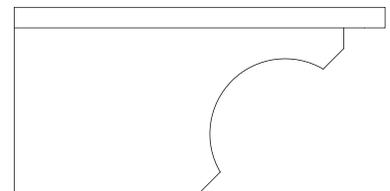
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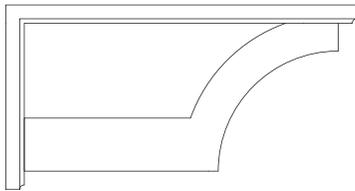
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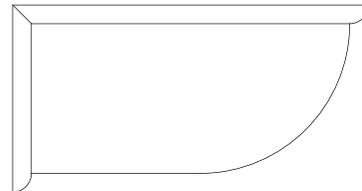
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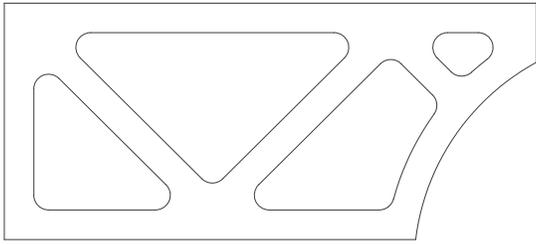


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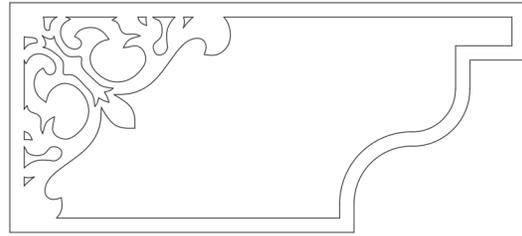


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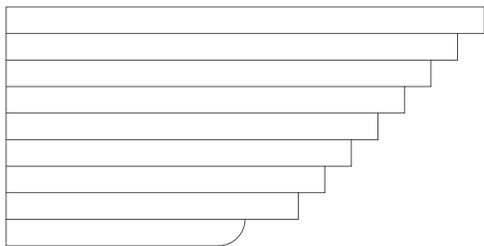
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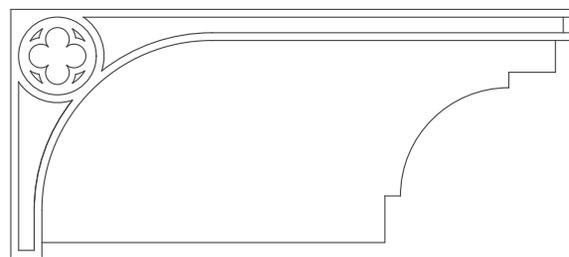
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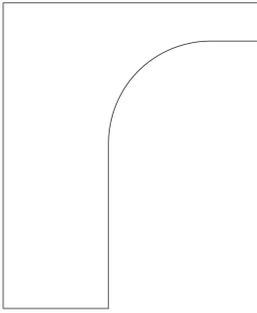
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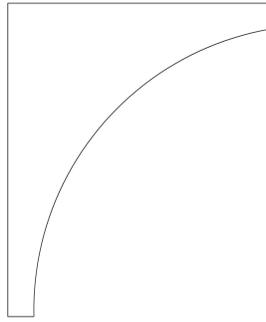
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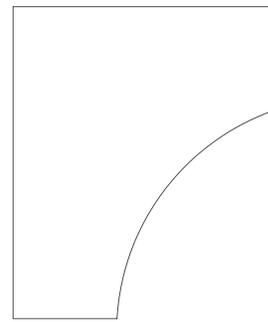
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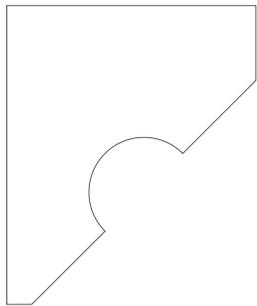
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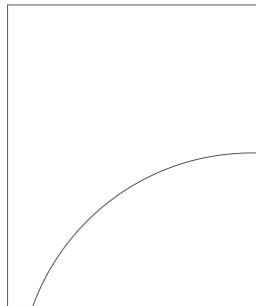
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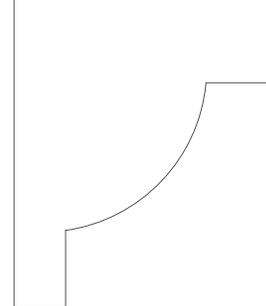
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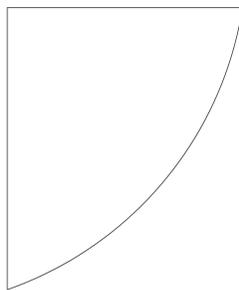
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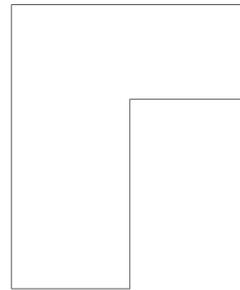
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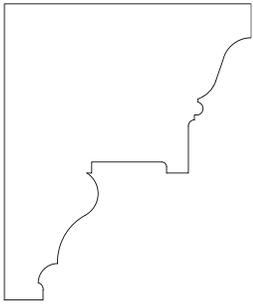
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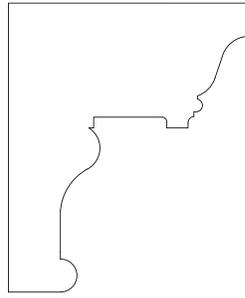
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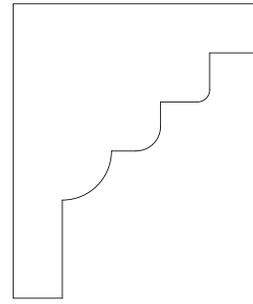
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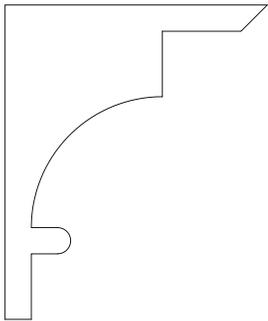
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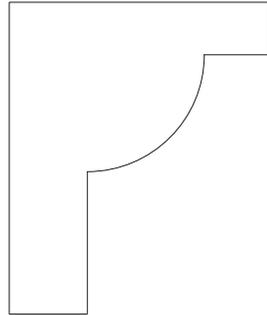
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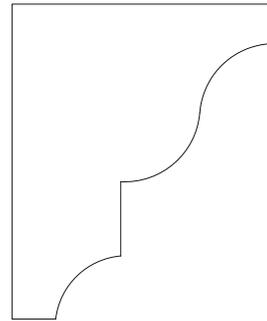
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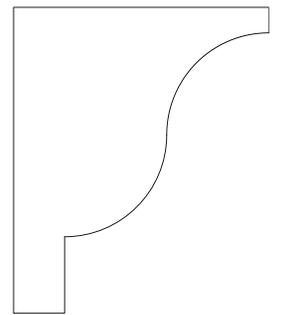
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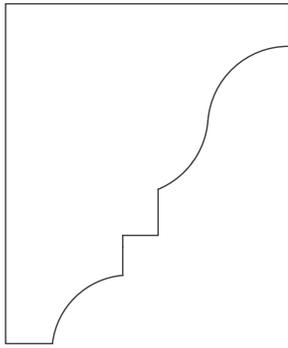
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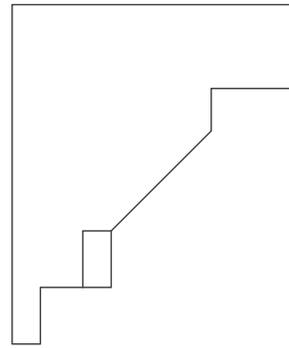
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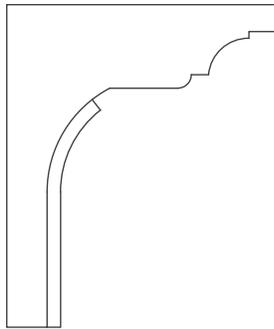
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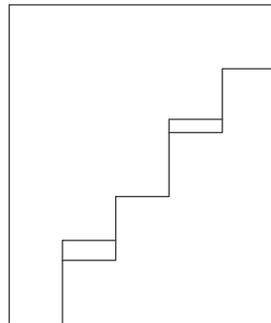
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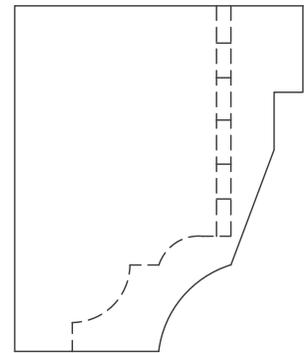
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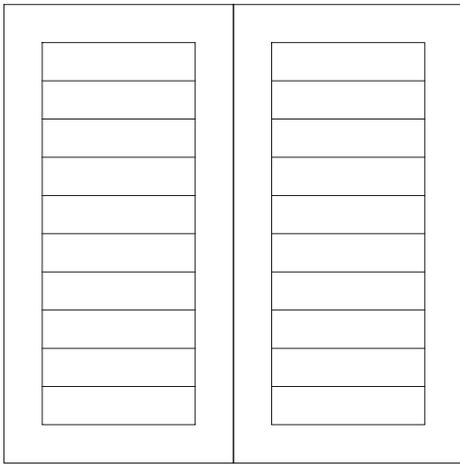
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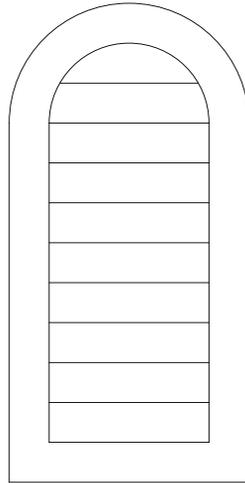
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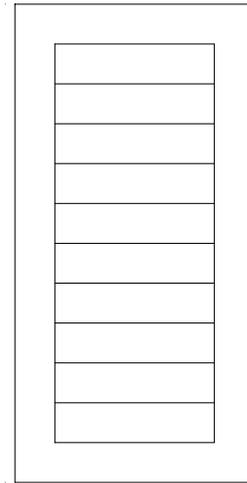
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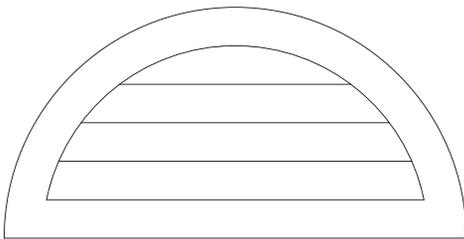
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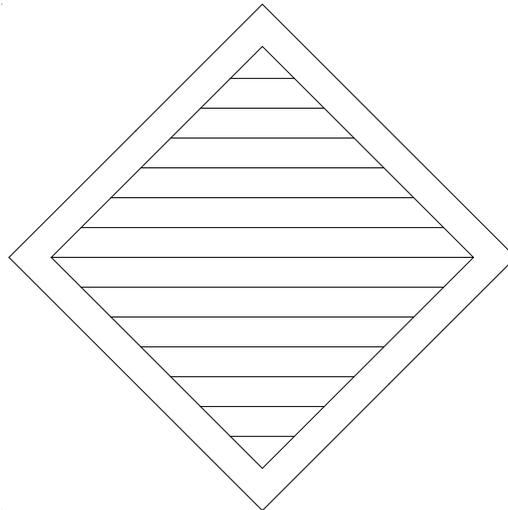
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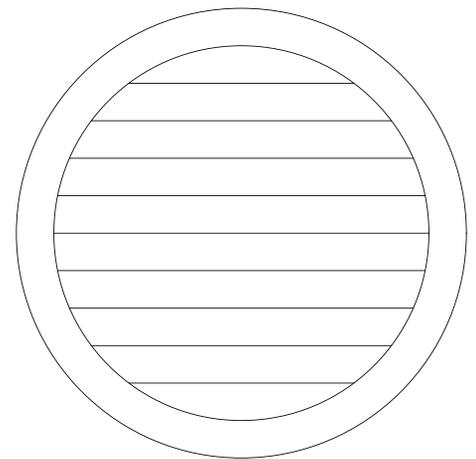
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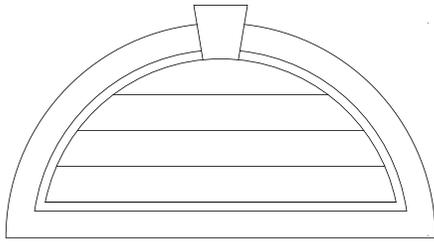
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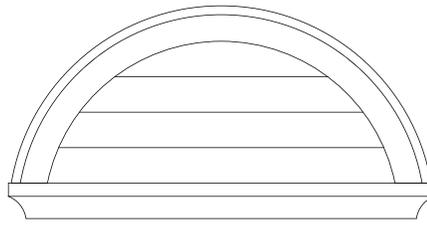
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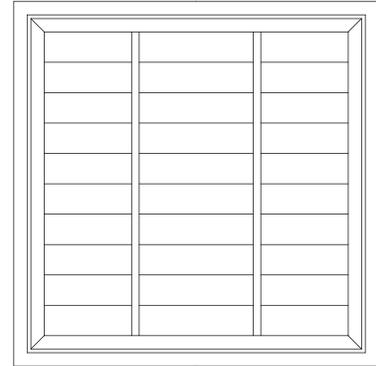
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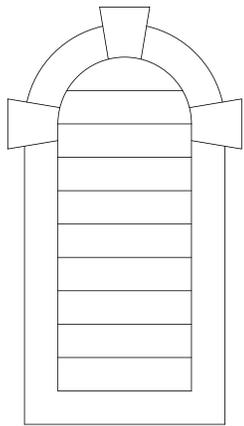
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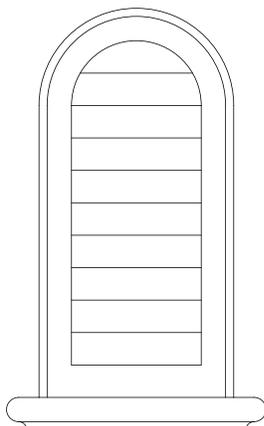
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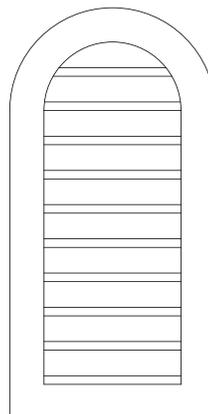
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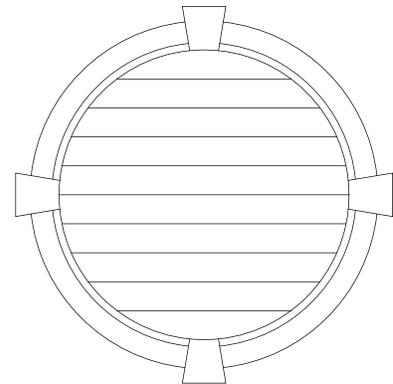
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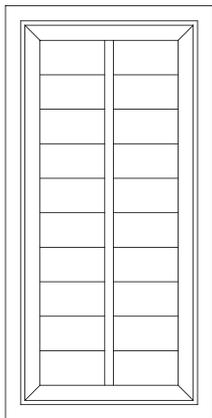
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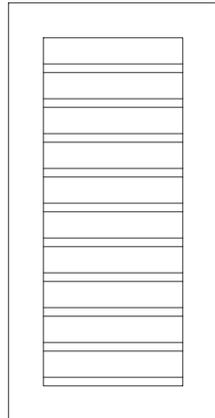
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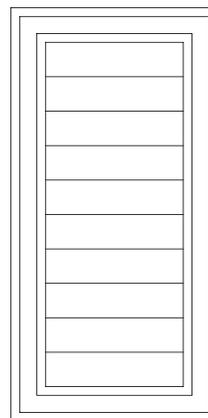
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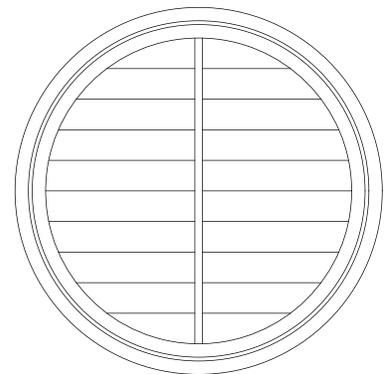
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LV5004

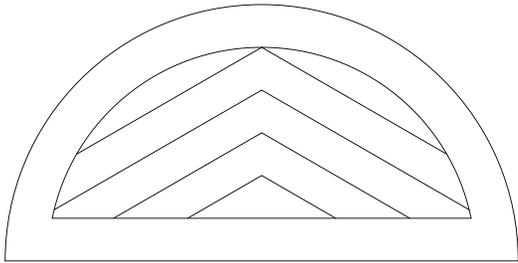


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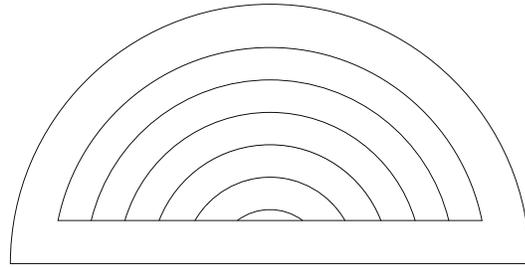


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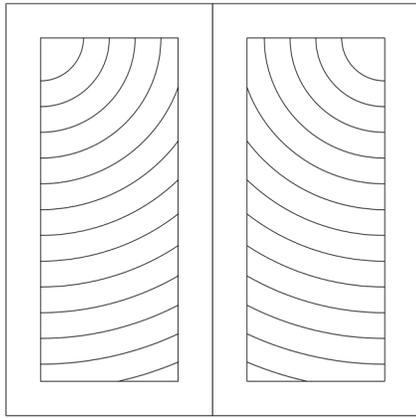
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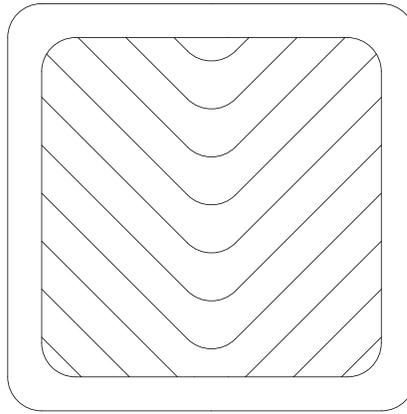
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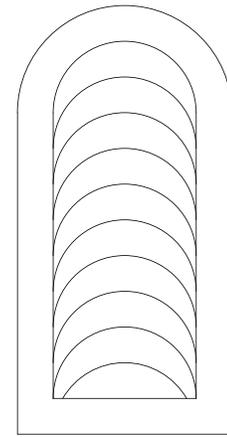
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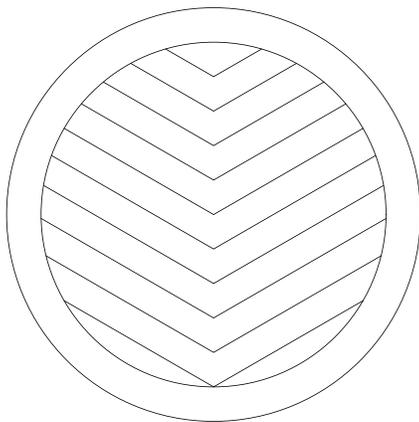
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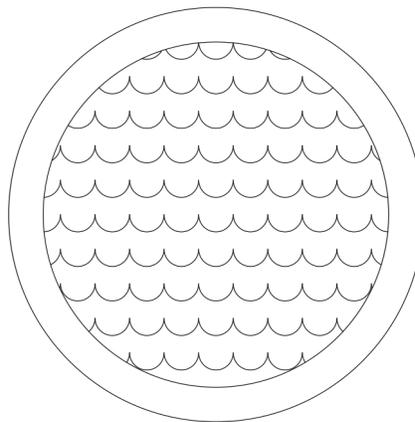
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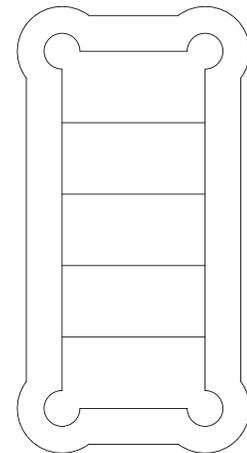
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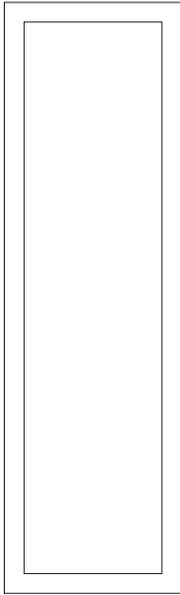
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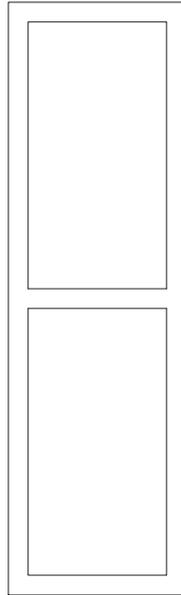
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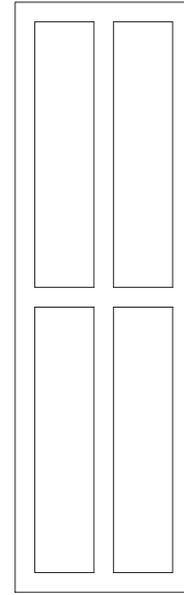
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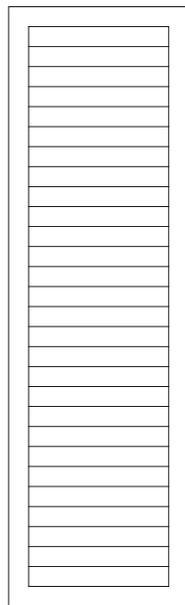
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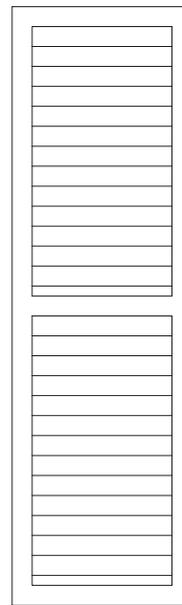
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SH2002

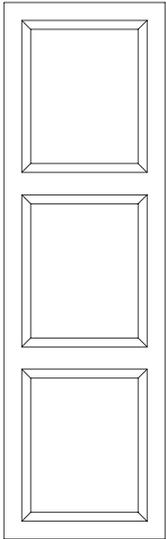


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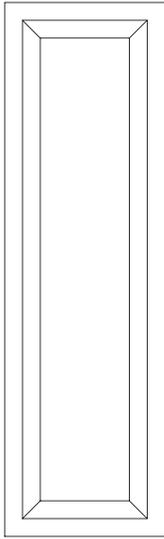


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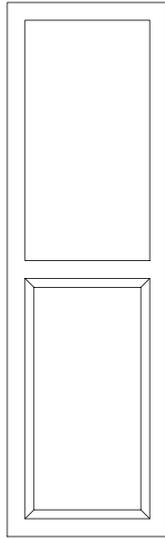
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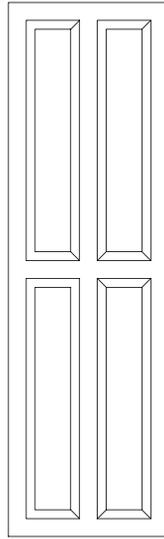
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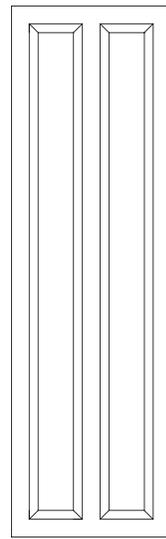
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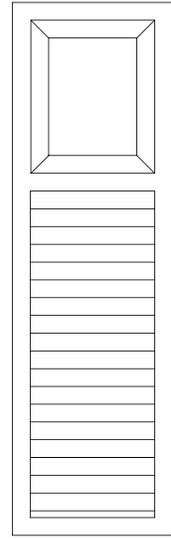
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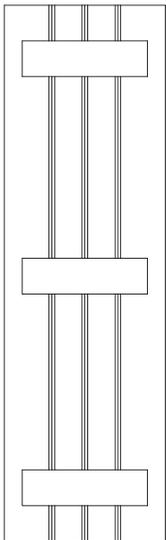
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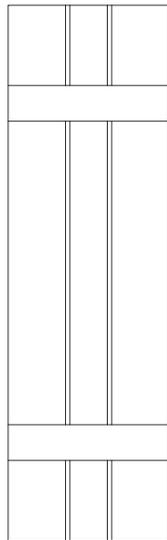
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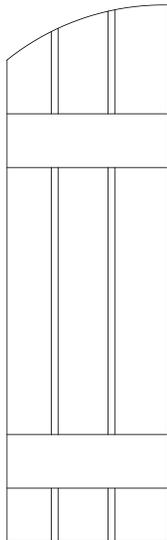
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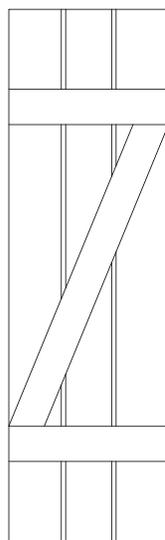
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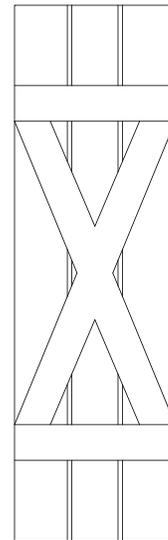
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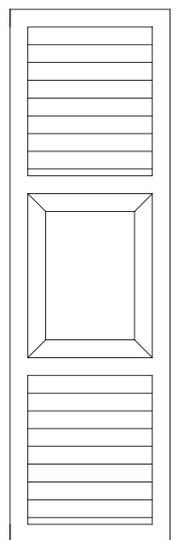
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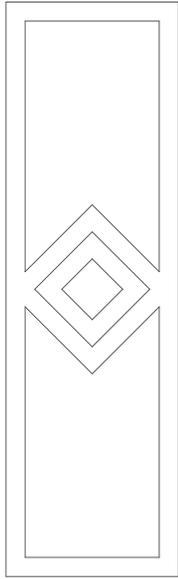
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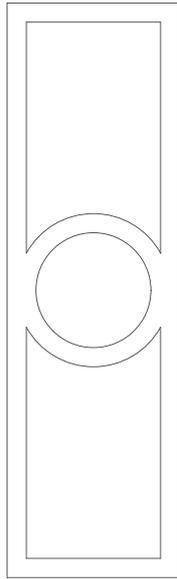
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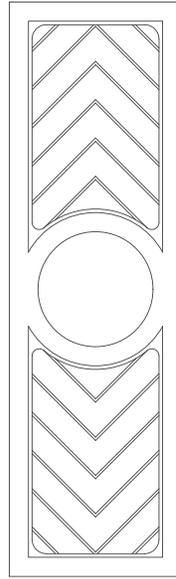
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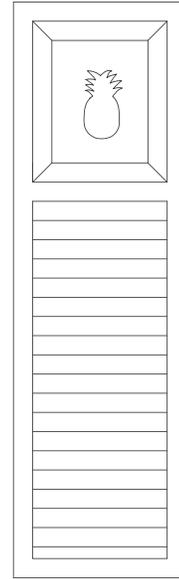
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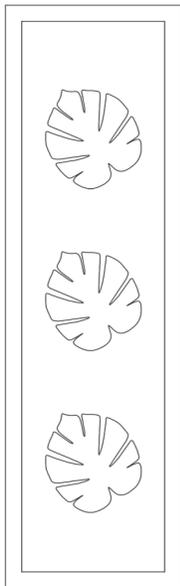
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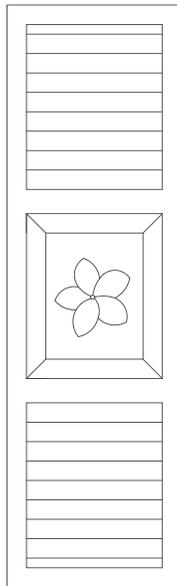
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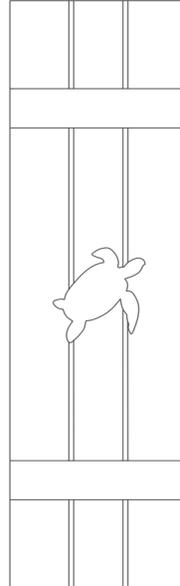
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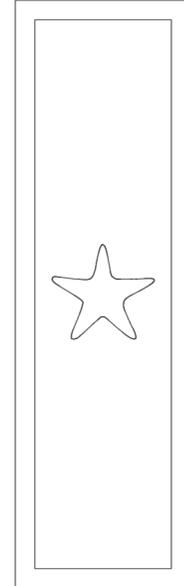
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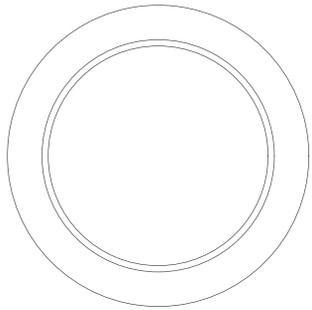
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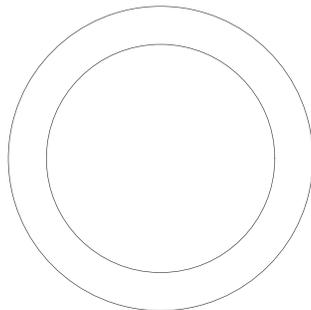
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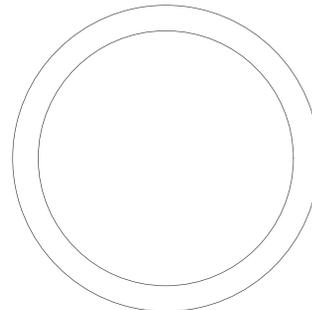
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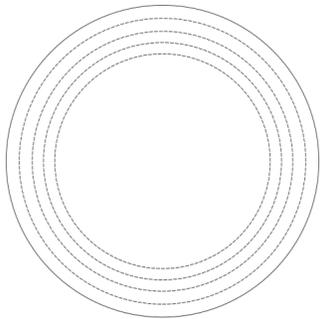
MD1000



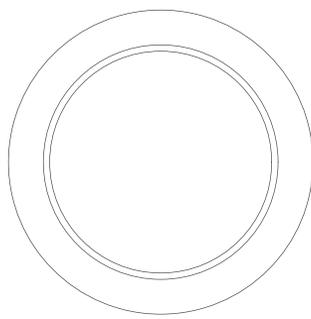
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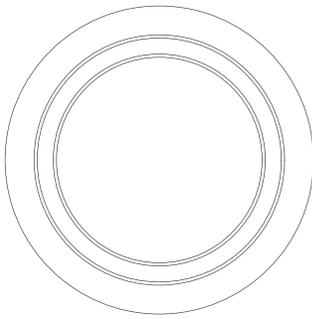
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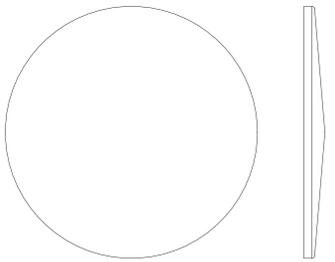
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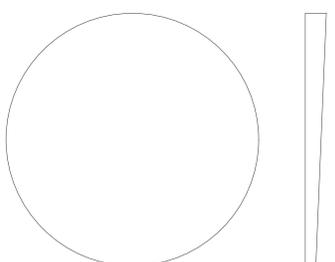
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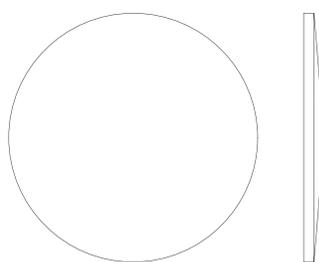
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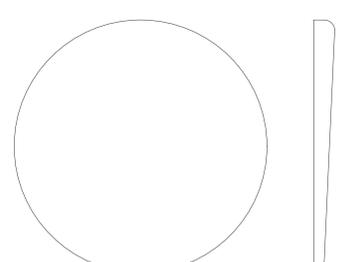
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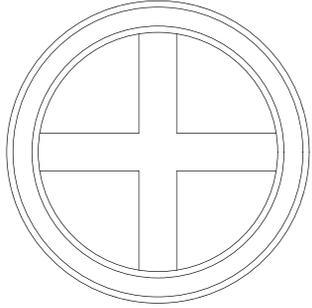


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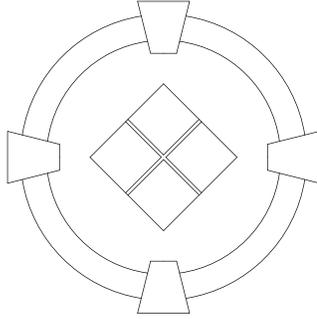
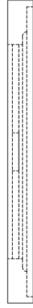


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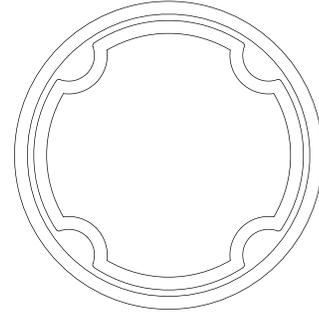
Medallions



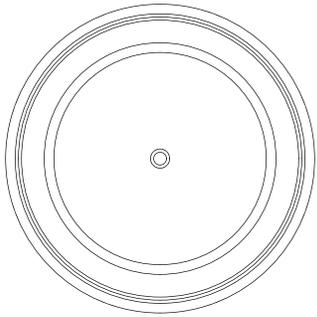
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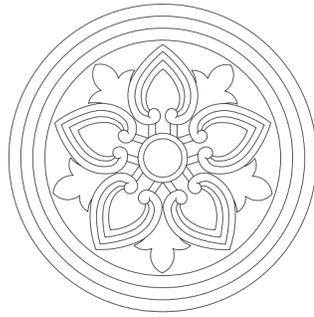
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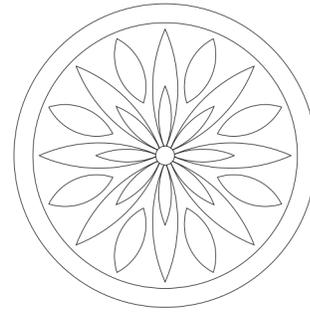
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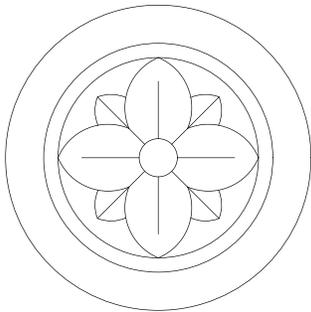
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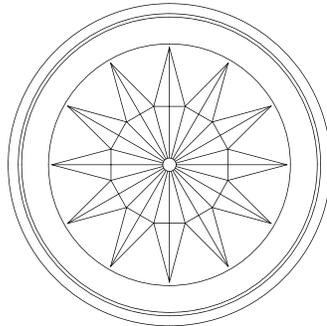
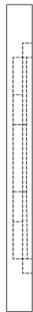
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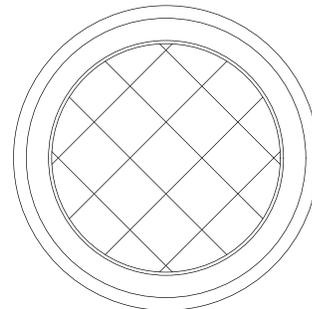
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MD1012



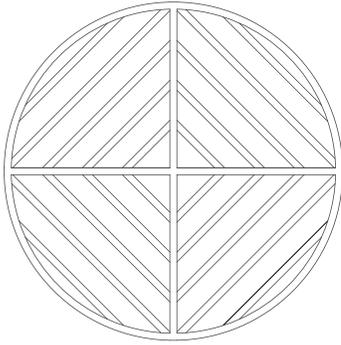
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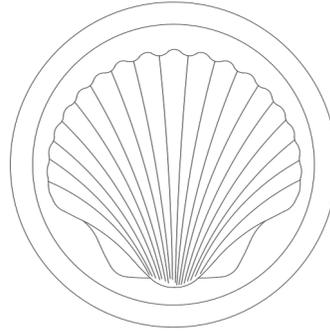
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## Medallions



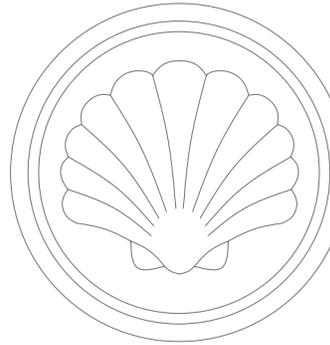
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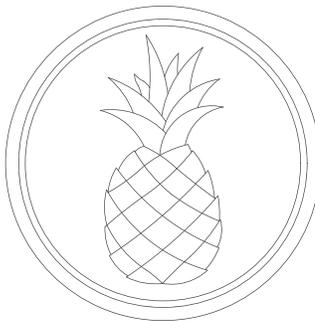
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MD1020



MD1023



MD1021

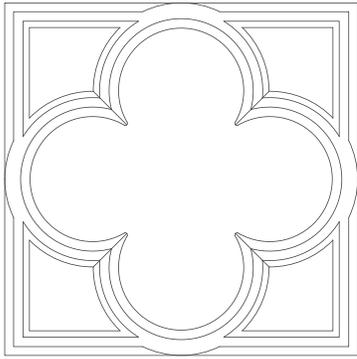


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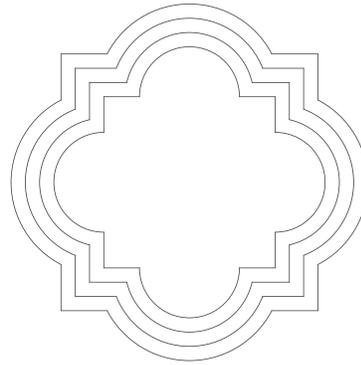


Medallions

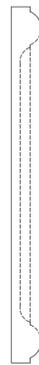
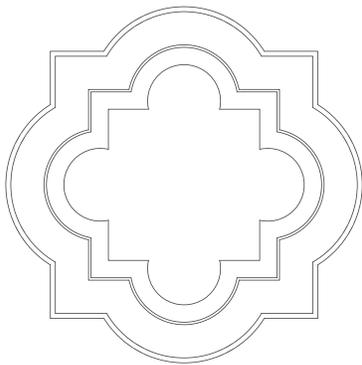
Quatrefoils



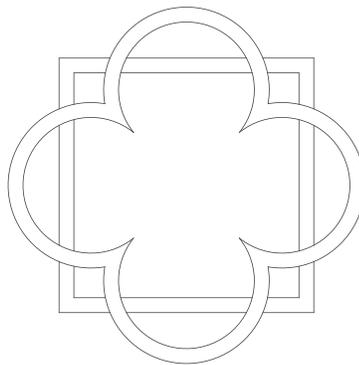
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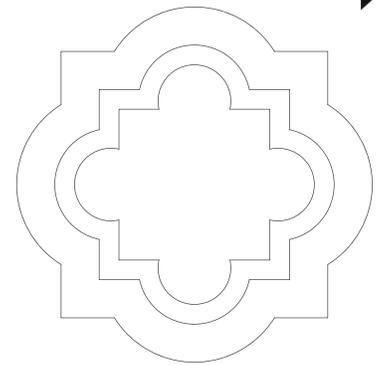
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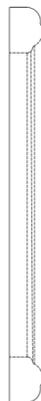
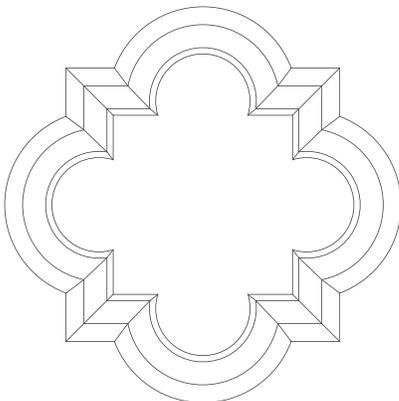
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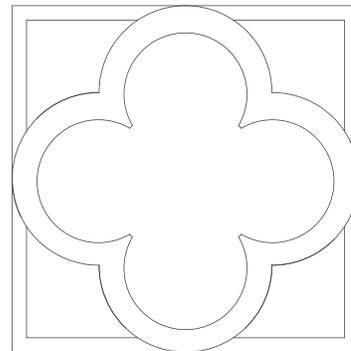
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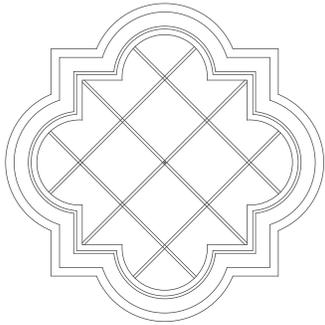
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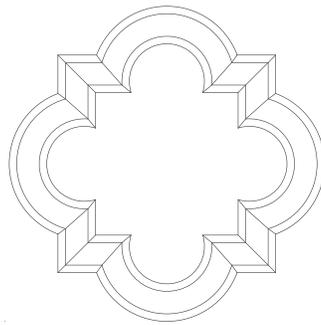
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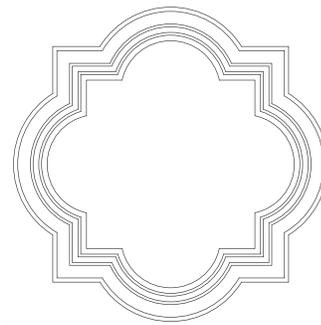
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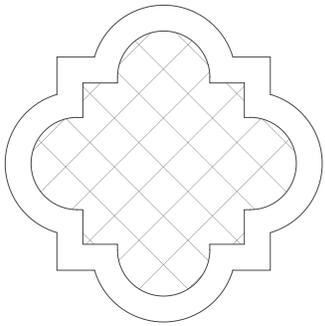
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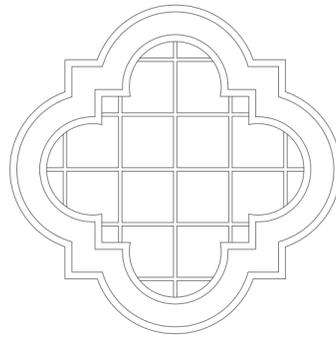
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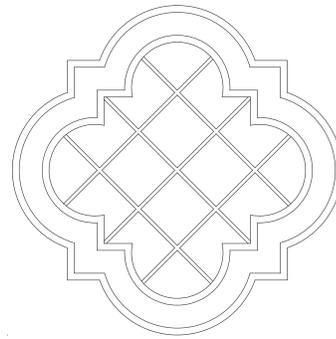
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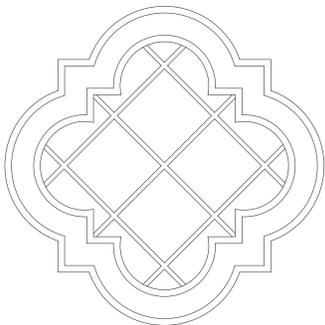
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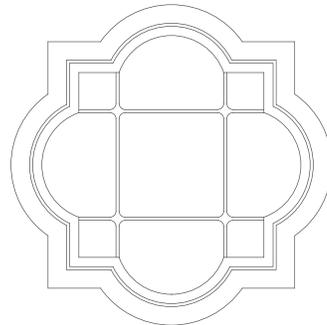
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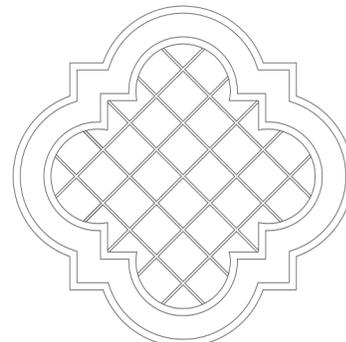
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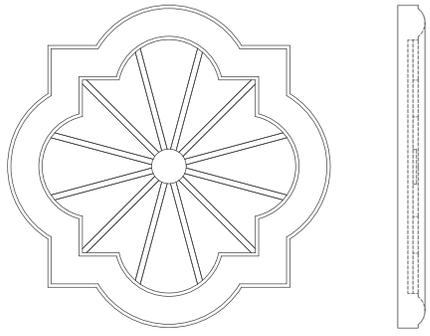


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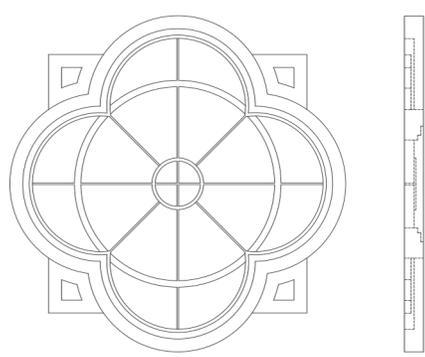


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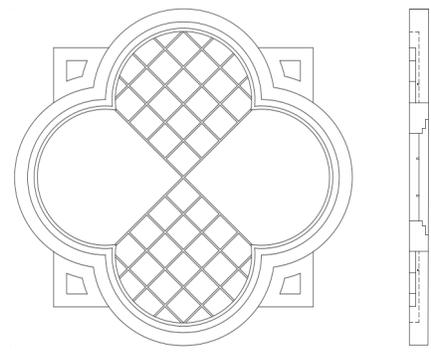
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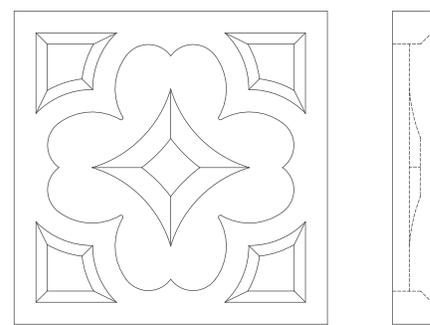
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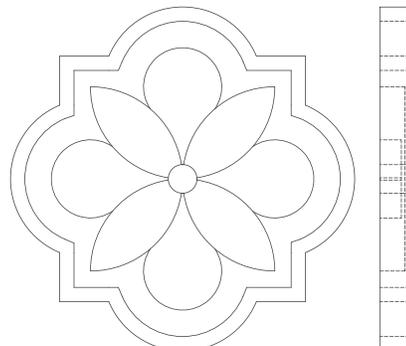
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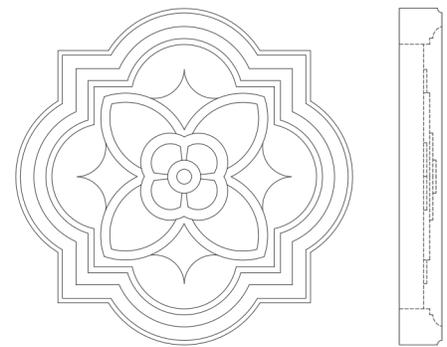
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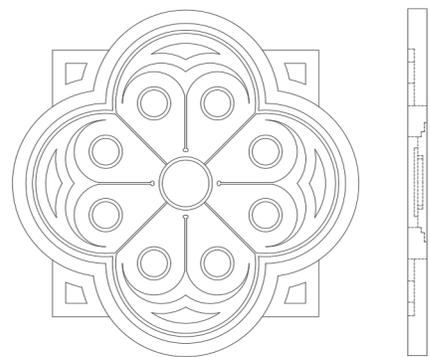
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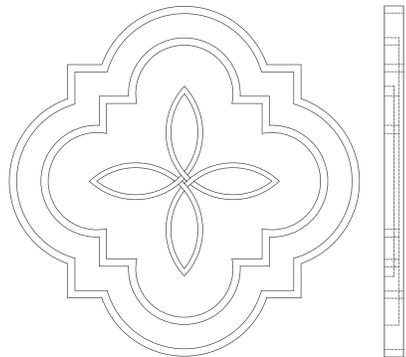
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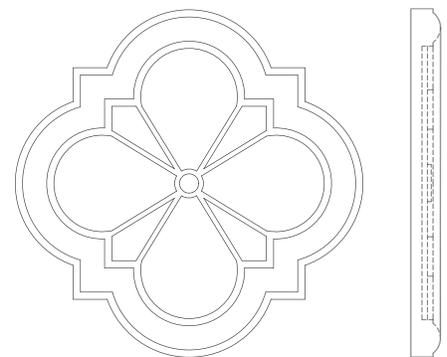
QF1013



QF1014



QF1016



QF1017

## Commercial Projects



## Residential Projects

