



POWELL &
BONNELL

MOTHER MARY SCONCE

Designed By: Jake Oliveira

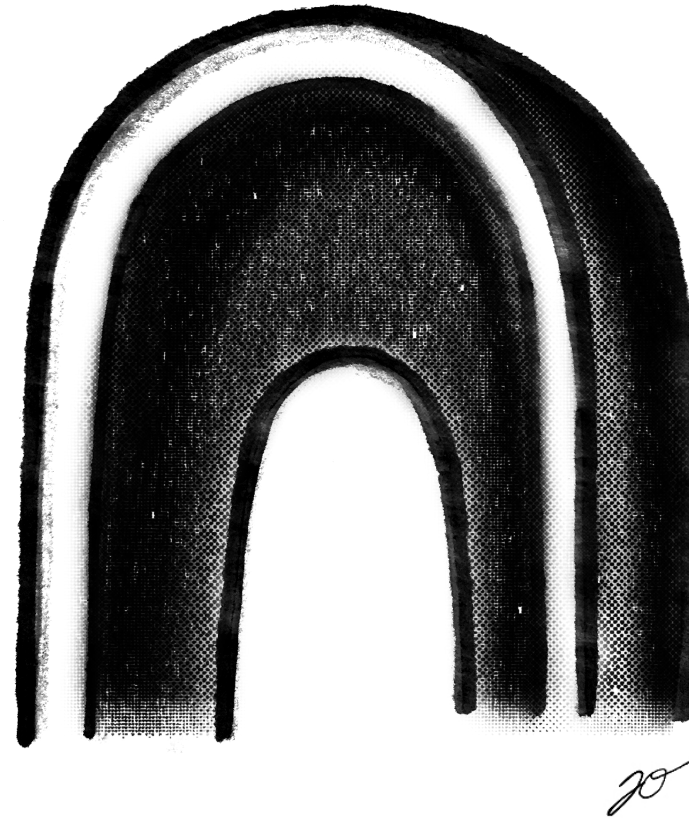
CASE STUDY

MOTHER MARY SCONCE

CONCEPT DEVELOPMENT



INSPIRATION



SKETCH



INITIAL RENDER

“The iconic Romanesque depiction of a halo is the inspiration behind the Mother Mary Sconce.

The interplay of light & shadow is explored through the marriage of two simple silhouettes.”

- Jake Oliveira, Designer

MOTHER MARY SCONCE

FABRICATION



CNC TOOLING FABRICATION



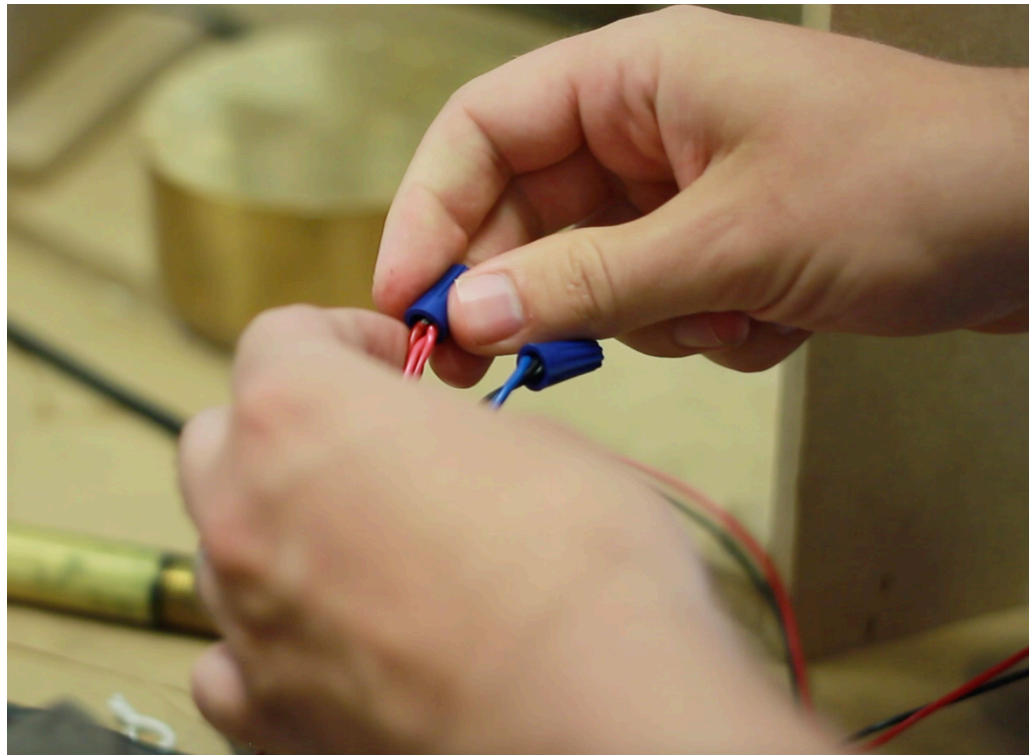
RESIN BULB POUR

MOTHER MARY SCONCE

FABRICATION



PROTOTYPE



WIRING



SAND-CASTING SHADE

“An angled shade with impressive interior architecture was the solution that allowed all fastening to be hidden.

This gives the bulb the appearance of floating within the shade’s embrace.”

- Jake Oliveira, Designer



MOTHER MARY SCNCE | BRASS & BRONZE VERSIONS

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MOTHER MARY SCONCE | SHADE DETAIL & SIDE PROFILE

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ABOUT THE PIECE

The iconic depiction of the halo in Romanesque art served as the visual origin point for the Mother Mary Sconce. Designer Jake Oliveira set out to create a luminaire that would honour a mother's protective, enveloping embrace of her child. This imagery was interpreted as a marriage between two pure and simple silhouettes which draw attention to the interplay of light and shadow. The first stand-out feature of the piece is its composition, which consists of an ethereal resin bulb that seems to float effortlessly within the shade. The immaculate fusion of both elements was the result of endless hours of engineering and iteration, utilizing 3D printed and polyurethane tools. The final solution established an angled shade with an architectural overhang that breaks the line of sight, hiding all fastening from any vantage point.

Since contrast was such an essential ingredient in the Mother Mary Sconce's makeup, careful material selection and the union between the chosen materials was paramount. The shade is fabricated from porous sand-cast metal, specifically brass, bronze, or aluminum. Sand-casting is a forgery technique that has been used since 704 BC, it has a human aesthetic and its random, natural finish carries the story of the hands that made it. This is paired with a sleek resin bulb which is poured via the modern technique of silicone slip-casting. A highly refined, polished lip on the shade's edge helps to coalesce the pitted nature of the metal with the sculptural smooth bulb.

The Mother Mary Sconce is ADA compliant and can be cast in brass, bronze, and aluminum, with the option of oxidation. The organic nature of this artful product means that it will only get better with age as natural patination occurs. The resin bulb can be cast in any of Powell & Bonnell's resin colours, allowing for a dynamic pop of colour.

MOTHER MARY FAQ's

1. What is the inspiration of the design?

The Mother Mary Sconce is inspired by the Romanesque depiction of a halo. But what is a halo without a figure to wear it? As such, the piece also serves as a portrait honouring the protection of a mother's enveloping embrace of her child. Interplay between two structural elements: the light and the shade, create the basis of these two pure and simple silhouettes.

2. What is a special feature of the product?

The Mother Mary Sconce features an ethereal resin bulb that seems to float effortlessly. A polished lip on the shade marries the organic, porous nature of this element with the sculptural smooth bulb.

3. What materials are used?

The piece is comprised of two contrasting materials and highlights the interplay of their inherent qualities; a sand-cast metal shade and a buffed resin bulb.

4. Is it possible for other materials to be utilized?

The shade can be cast in brass, bronze, and aluminum. Varying degrees of oxidization, patination and polish are achievable to create a unique final fixture. The resin bulb can be cast in any of Powell & Bonnell's resin colours, allowing for a dynamic pop of colour.

5. For this product, how were your manufacturing processes and material usage innovative?

The intent of the Mother Mary Sconce was to merge two disparate fabrication techniques. Sand-casting is a forgery technique that has been used since 704 BC, it has a human aesthetic and it's random natural finish carries the story of the hands that made it. This is paired with the modern technique of silicone slip-casting to create a sculptural bulb.

6. What design challenges did you face?

The primary design challenge was to create a fixture with no visible fastening, giving the appearance of a floating bulb. 3D printed and polyurethane tools helped create a form with a substantial presence which still meets ADA compliance. The solution devised was an angled shade with an architectural overhang that breaks the line of sight, hiding all fastening from any vantage point.





THANK YOU

Please Note: HQ versions of any images can be provided.



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9515

MOTHER MARY SCONCE

Designed by: Jake Oliveira

A smooth resin bulb floats with LED lamping inside a contrasting textured sand-cast metal shade.

9515 Mother Mary Sconce: 15.5"h x 9"w x 4"d

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MOTHER MARY SCONCE

Shown As: Sand-cast Brass shade with white resin bulb
Resin bulb available in multiple colour options. Shade available in
sand-cast aluminum, brass, bronze, or oxidized bronze.

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