

urbanSHED Sidewalk Shed
urban Umbrella



URBAN UMBRELLA

1. ABOUT THE URBAN UMBRELLA

The Urban Umbrella is designed as an alternative sidewalk shed to those which have been in use since the 1970's, as approved by the Board of Standards and Appeals (BSA). The Urban Umbrella is a design concept that is more aesthetically pleasing than current sidewalk sheds. The Urban Umbrella:

- Is the winning design from the Department's urbanSHED International Design Competition
- Is the first urbanSHED sidewalk shed design approved under Buildings Bulletin 2011-023
- Has 300 pounds per square foot load capacity, safety protecting the public from falling debris
- Sustains a horizontal load equal to 2% of its vertical load
- Eliminates cross-bracing that visually obstructs ground floor storefronts and building entrances
- Creates an attractive sidewalk environment that increases visibility for properties
- Has the option for the use of a translucent overhead panel that transmits incident natural ambient light into the sidewalk
- Incorporates a graceful lighting strategy that enhances storefronts
- Uses sustainable LED lighting with an 11 year lifespan
- Uses adjustable feet that pivot and extend in order to accommodate changes in sidewalk pitch, therefore eliminating the need for wood shims

To inquire about the Urban Umbrella or use it on your site, contact Urban Umbrella Enterprises, LLC.

2. URBAN UMBRELLA STEEL

The Urban Umbrella structural system consists of a steel frame and polycarbonate panels. The high strength 50ksi steel is made of 85% recycled content. The steel frame of the Urban Umbrella has been demonstrated to meet NYC Building and Construction Code requirements for a 'heavy duty' shed and can be used on any building 6 stories and above that is undergoing exterior work. Urban Umbrella is engineered to sustain the required 300 psi.

3. URBAN UMBRELLA POLYCARBONATE

The polycarbonate panel is 1/2" thick and is manufactured in 4'x8' sheets, and 5'x10' sheets. The panel has been tested to sustain 300 pounds dead load and the equivalent impact energy of a standard clay masonry brick falling 300 feet.

4. URBAN UMBRELLA LIGHTING

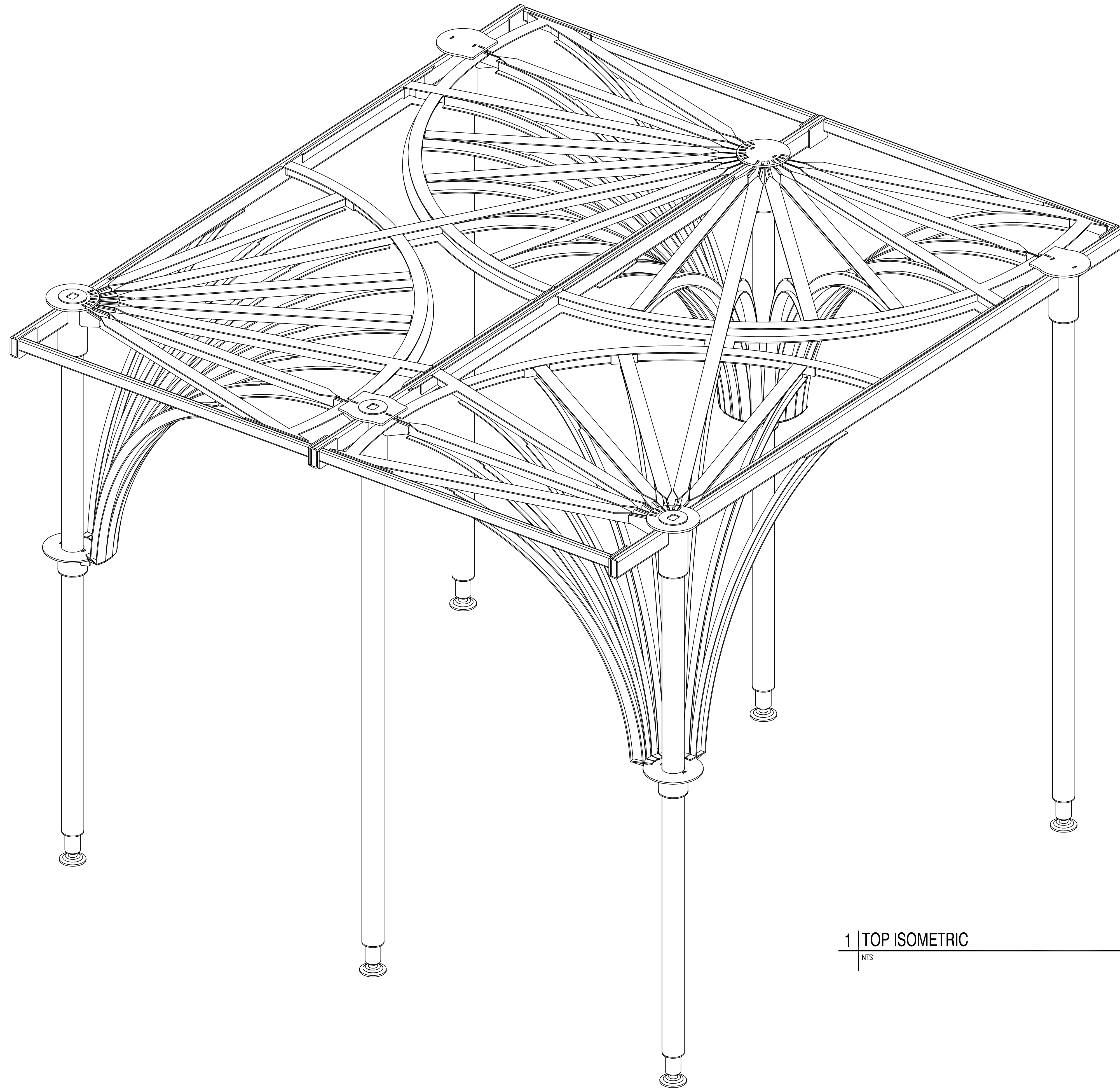
The light fixture uses LED technology for its light engine, and achieves the full 1 foot candle per square foot requirement established by the NYC Building Code.

5. URBAN UMBRELLA ILLUSTRATIONS

There are numerous solutions to how each component and connection can be achieved. The following drawings show the Urban Umbrella, one possible configuration for the urbanSHED sidewalk shed. To learn more about using the Urban Umbrella on your site, contact Urban Umbrella Enterprises, LLC.

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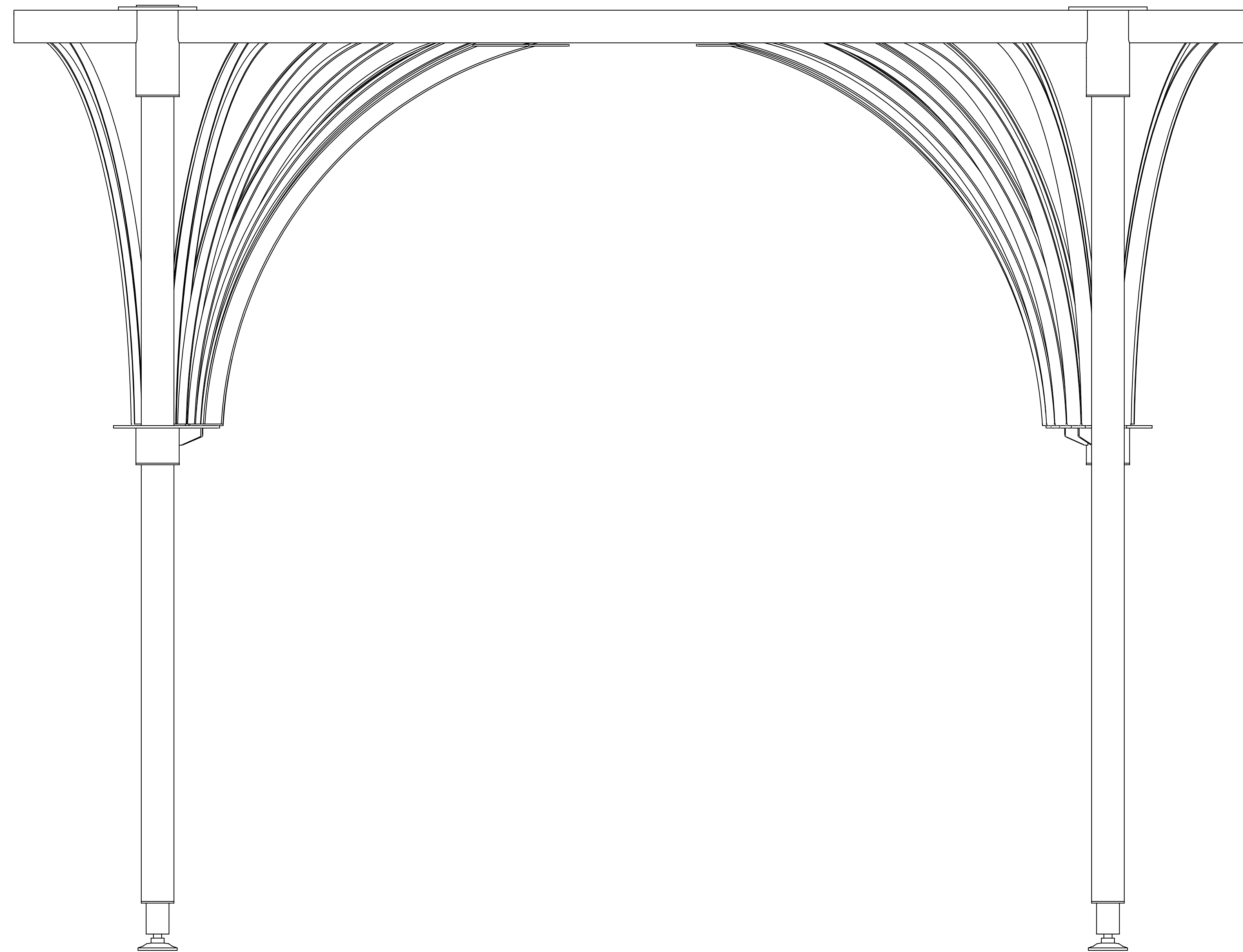
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1 | RIGHT VIEW
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