

# ShapeBuilder Success Story

## The Project

### Section property determination of custom designed mullions

J Paul Leonard Library  
San Francisco State University

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## The Engineer

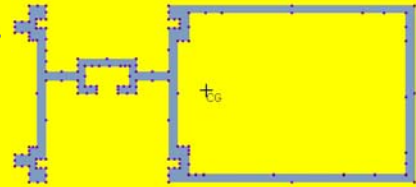
### Stephen L. Fisher, SE

Bagatelos Architectural Glass Systems, Inc.



## The Problem

Prior to the manufacture of the extrusion dies section properties of assorted shapes must be determined.



## The Solution

“Most of my analysis work is with custom aluminum extrusions for curtain wall design. In order to have the shapes extruded by our supplier we create detailed die drawings for each shape. From preliminary drawings a .dxf file is generated to allow importation of these shapes from CAD into ShapeBuilder to calculate the section properties.

ShapeBuilder is the easiest program I have found so far to accomplish this task”



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