



**Rough  
Brothers,  
Inc.**

**Design,  
Manufacturing,  
Systems,  
Construction**

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# Design & Engineering

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## 1. Introduction

A great greenhouse or conservatory starts with a great design. Having Rough Brothers join your team in the early concept planning stages will insure a great design. Rough Brothers has the the decades of experience and talented personnel that can make your greenhouse or conservatory project a successful one. No sense in back-tracking or ending up with a non-functional design. Make sure your greenhouse or conservatory gets pointed in the right direction from the very beginning. MORE >>

## 2. Why Rough Brothers

Rough Brothers will make informed recommendations with respect to orientation, footprint, structure types and styles, glazing material options, heating and cooling considerations and much much more... Rough Brothers will provide detailed AutoCAD drawings for the greenhouse or conservatory completed by Rough Brothers' company personnel. Likewise, your greenhouse or conservatory drawings will be structurally engineered and stamped by Rough Brothers. As part of Rough Brothers' design services we are happy to provide renderings, cost estimating and construction scheduling.

Rough Brothers is anxious to be an integral part of your greenhouse or conservatory project. As a member of your design team Rough Brothers will take responsibility for the greenhouse or conservatory design, as well as insuring that the design meets yours or your clients operational requirements.

## 3. Engineering Design Services

- Greenhouse Engineering
- MEP drawings (heating/cooling)
- Civil Drawings
- Structural Drawings
- Environmental Control Drawings

## 4.

A high quality manufactured greenhouse and experienced greenhouse construction team still needs a great greenhouse design at the front end. Rough Brothers is able to provide the project management to tie the design, the manufactured components & integrated systems and the on-site construction into a successful project.

The greenhouse structure is the heaviest component in any greenhouse and thus a component that deserves design consideration. Rough Brothers offers multiple greenhouse structure styles. By working closely with you and understanding your greenhouse needs, Rough Brothers will recommend the correct greenhouse structure for your project.

As the leading greenhouse supplier for the Conservatory, Institutional, Commercial and Retail markets, Rough Brothers is poised to provide our industry leading design, engineering, manufacturing, construction and project management services to you to insure your project is the success you expect it to be.