



# FACADE MANUFACTURING

## TASKS

Reduce waste and cost by thoroughly **calculating material requirements** and generating a comprehensive Bill of Materials list.

**Design** and develop innovative 3D solutions for curved facades that enhance aesthetics and functionality.

## SOLUTIONS

By using **SolidWorks** to design creative solutions for curved facades and test new ideas for parts and components.

By using **AutoCAD** designed detailed plans and precise part drawings for manufacturing.

## RESULTS

**Reduced costs** by implementing DFA and DFM techniques to minimize the number of unique positions in your project.

Efficiently **met** all project **deadlines** by utilizing effective design.

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## TASKS

Reduce waste and cost by thoroughly **calculating material requirements** and generating a comprehensive Bill of Materials list.

**Design** and **produce** detailed and precise manufacturing drawings to ensure smooth and accurate production.

## SOLUTIONS

By using **AutoCAD** designed detailed plans and precise part drawings for manufacturing. Elevate the design by **creating** custom brackets tailored to the specific needs of walls.

## RESULTS

Efficiently **met** all project **deadlines** by utilizing effective design.





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## TASKS

Reduce waste and cost by thoroughly **calculating material requirements** and generating a comprehensive Bill of Materials list.

**Design** and produce **detailed** and precise manufacturing drawings to ensure smooth and accurate production.

## SOLUTIONS

By using **AutoCAD** design precise manufacturing drawings.

**Created** optimal solutions by **strategically** combining multiple sizes of materials.

## RESULTS

Calculated **30%** waste material reduced **to 5%**.  
Efficiently **met** all project **deadlines** by utilizing effective design.



# MODULAR HOUSE PROJECT

## TASKS

To develop architectural, steel construction, and wooden construction drawings.  
 Reduce waste and cost by thoroughly **calculating material requirements** and generating a comprehensive, Bill of Materials list.

## SOLUTIONS

By using **AutoCAD** design precise manufacturing drawings.

## RESULTS

Reduced waste material by creating accurate **BOM**.  
 Reduced cost due to precise **BOM** and accurate manufacturing drawings.

