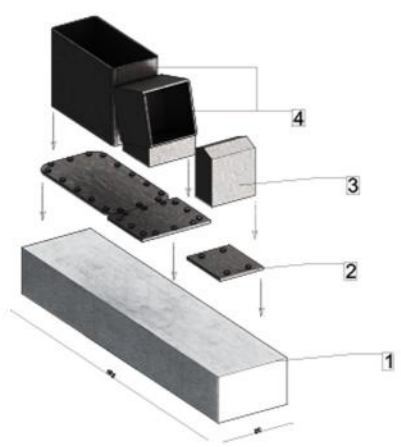
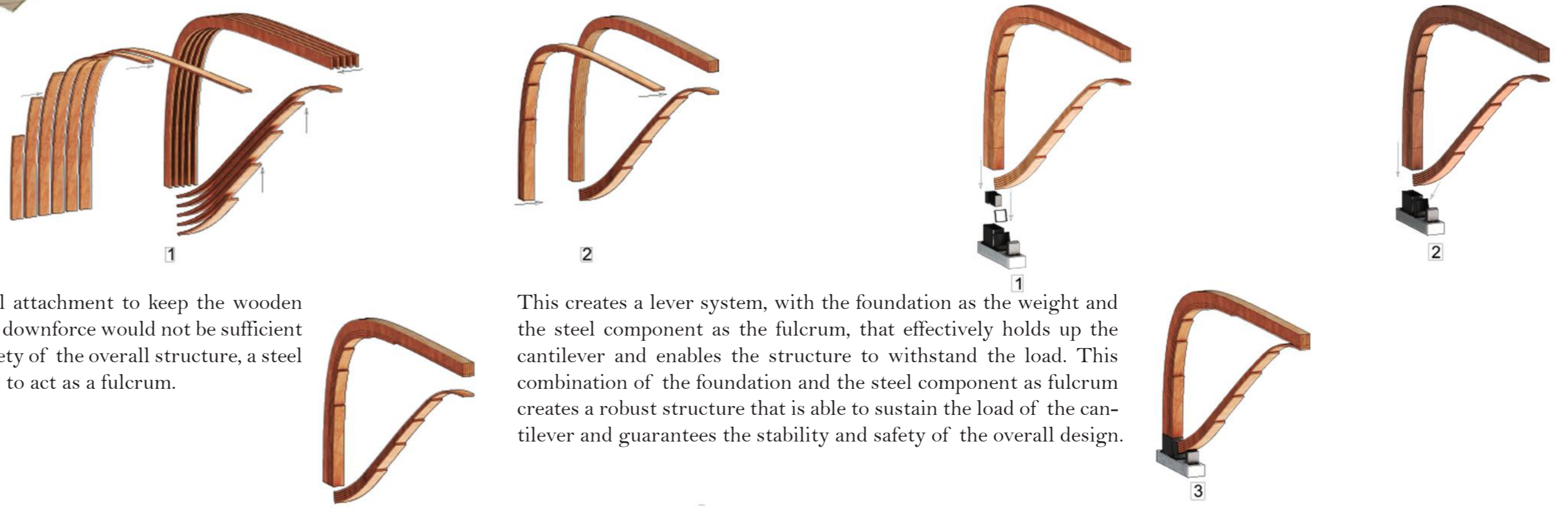


The structure is designed to resemble a tree, with the shape and form of an orchid flower on top. The primary materials used in its construction are Laminated Veneer Lumber (LVL), which is known for its strength and durability and is commonly used in residential and commercial building projects as structural members such as lintels, beams, mid-floors, and roofs. The structure also incorporates pressure-treated lumber, plywood, and iron rods to provide added strength and stability. The majority of the structure is held together using strong adhesive, but also has a concrete footing and steel components that help to support its weight. This combination of materials ensures that the structure is not only visually stunning, but also sturdy and built to withstand the elements and heavy use.

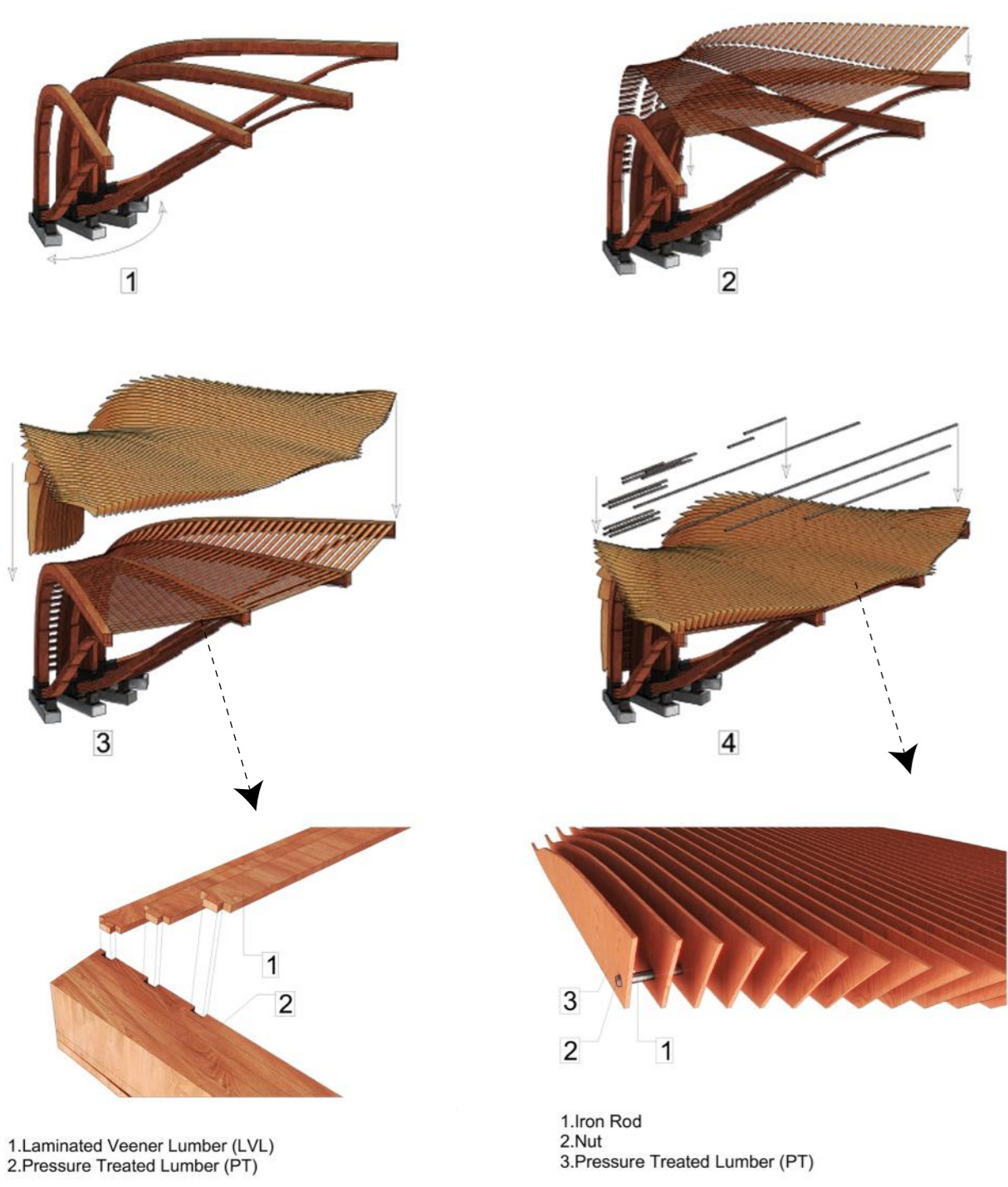


- 1. Concrete Footing
- 2. Steel Plate
- 3. Fulcrum
- 4. Steel

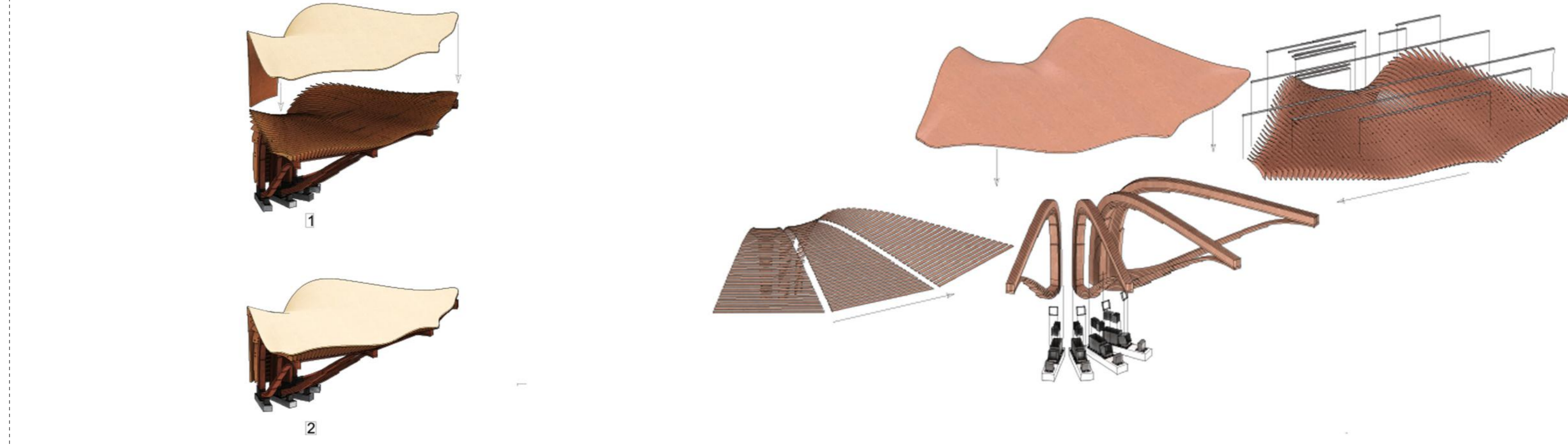
The structure is designed with a foundation that includes a steel attachment to keep the wooden planks securely in place. However, simply using the foundation as a downforce would not be sufficient to sustain the load of the cantilever. To ensure the stability and safety of the overall structure, a steel component is placed under the wooden planks near the foundation to act as a fulcrum.



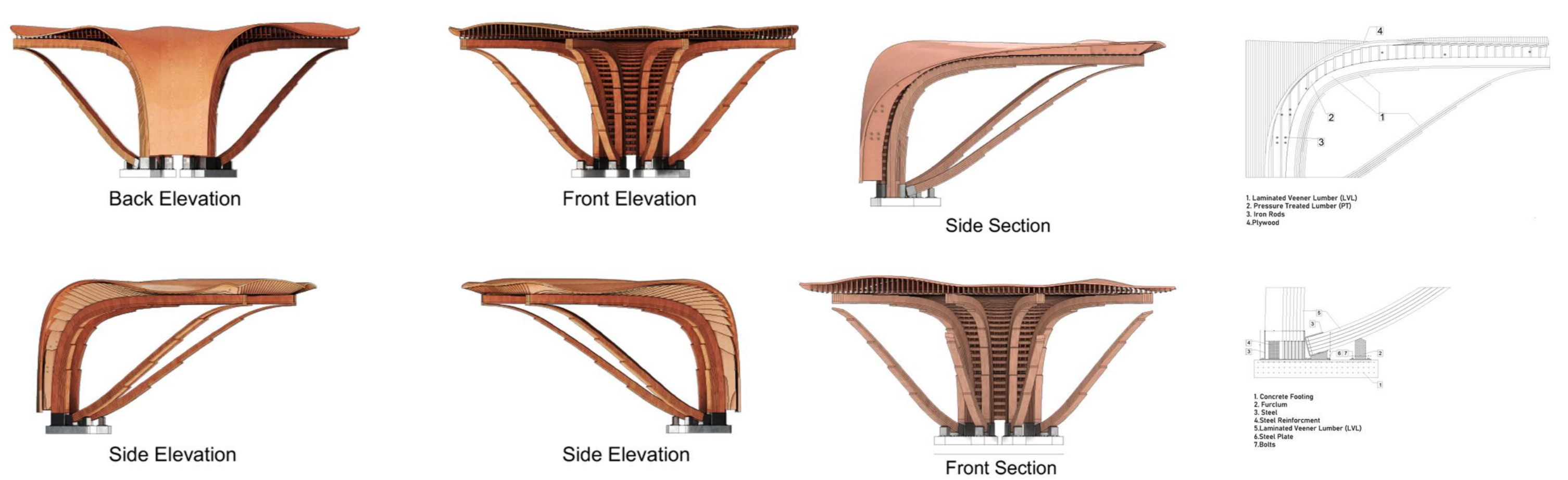
This creates a lever system, with the foundation as the weight and the steel component as the fulcrum, that effectively holds up the cantilever and enables the structure to withstand the load. This combination of the foundation and the steel component as fulcrum creates a robust structure that is able to sustain the load of the cantilever and guarantees the stability and safety of the overall design.



- 1. Laminated Veneer Lumber (LVL)
- 2. Pressure Treated Lumber (PT)
- 1. Iron Rod
- 2. Nut
- 3. Pressure Treated Lumber (PT)



- 1. Laminated Veneer Lumber (LVL)
- 2. Pressure Treated Lumber (PT)
- 3. Iron Rod
- 4. Plywood



- 1. Concrete Footing
- 2. Fulcrum
- 3. Steel Reinforcement
- 4. Laminated Veneer Lumber (LVL)
- 5. Steel Plate
- 6. Iron

