

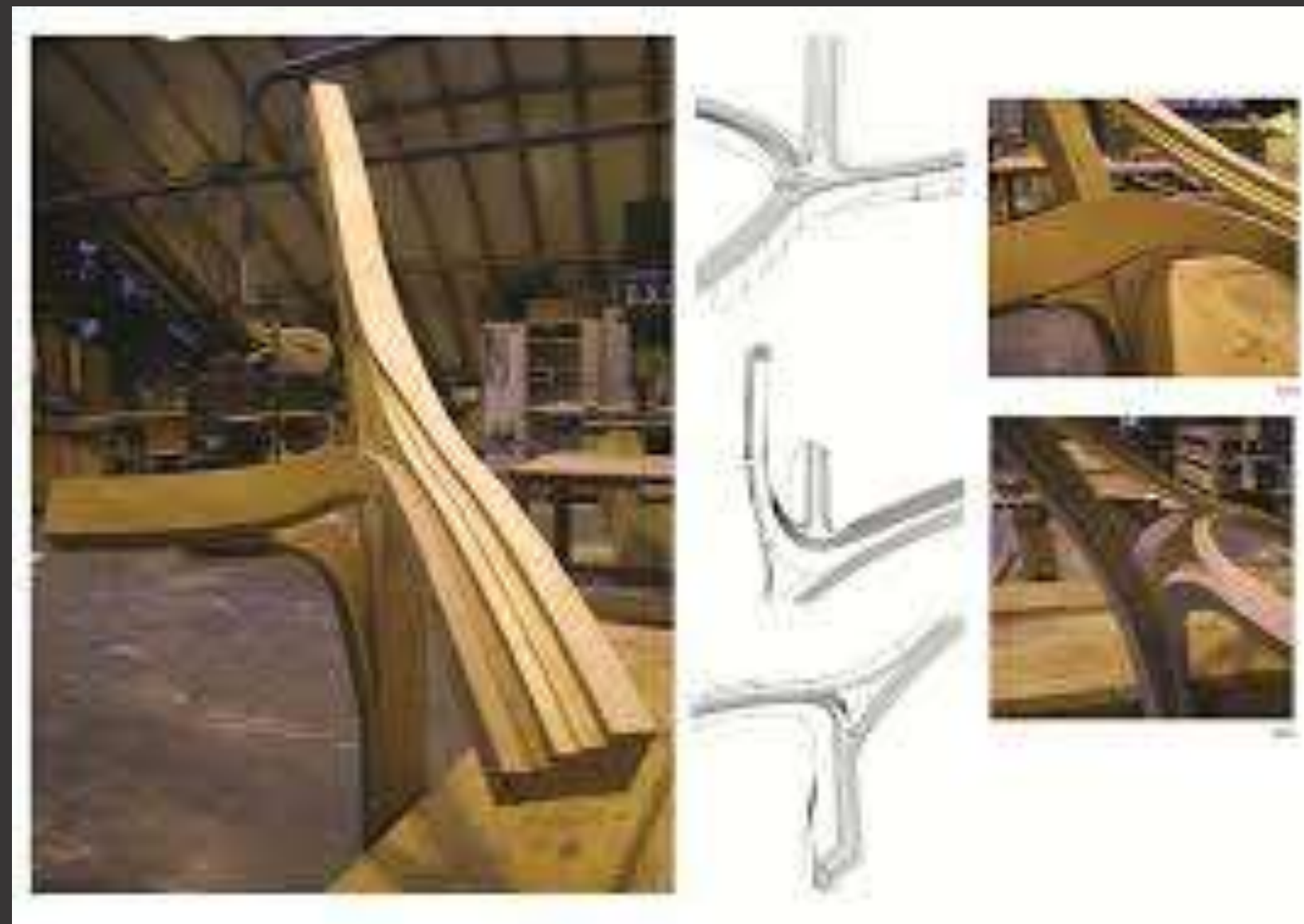
Wood

Precedents: Jack Fogel



Wood

Precedents: Toby Burgess



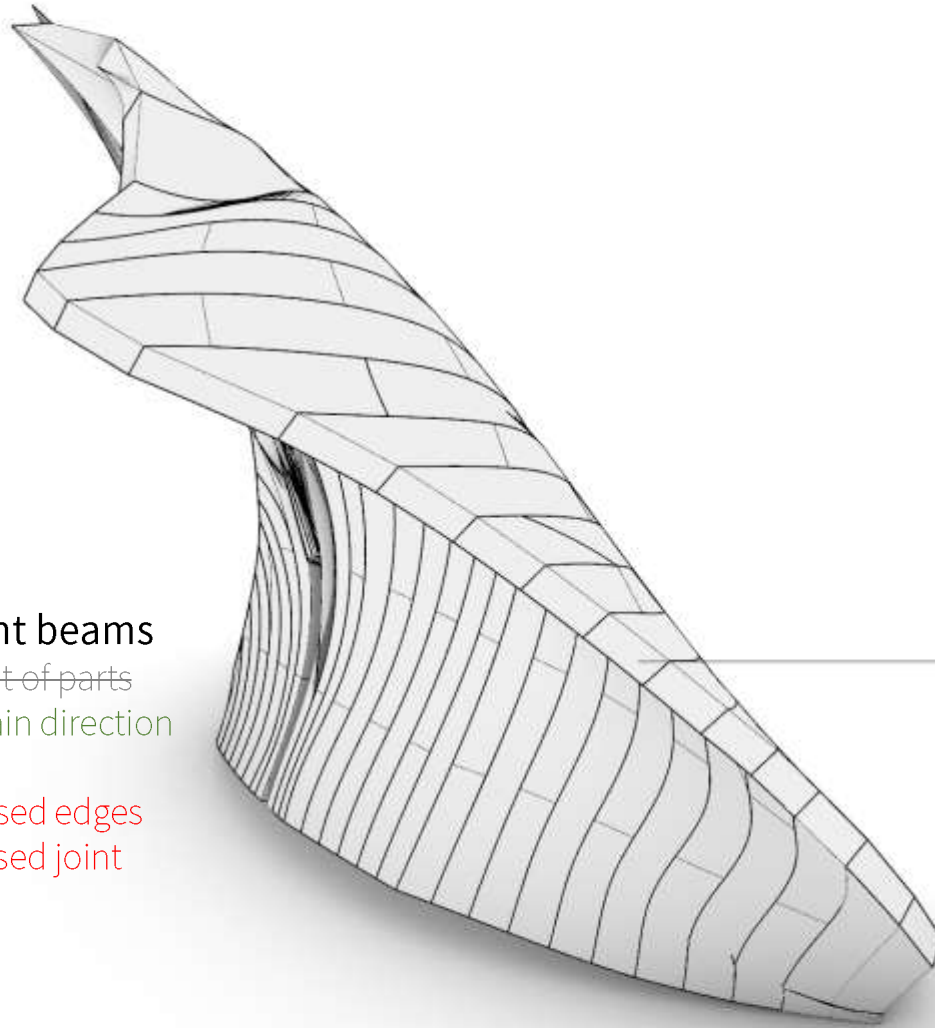
Wood

Precedents: Tom Svilans



Wood

Concept



Steam Bent Beams

CNC milled blocks

Big amount of parts

Approximate grain direction

Calibration by joint

Easy assemblage

Joint integrated

Steam bent beams

Less amount of parts

Accurate grain direction

Calibration?

Post processed edges

Post processed joint

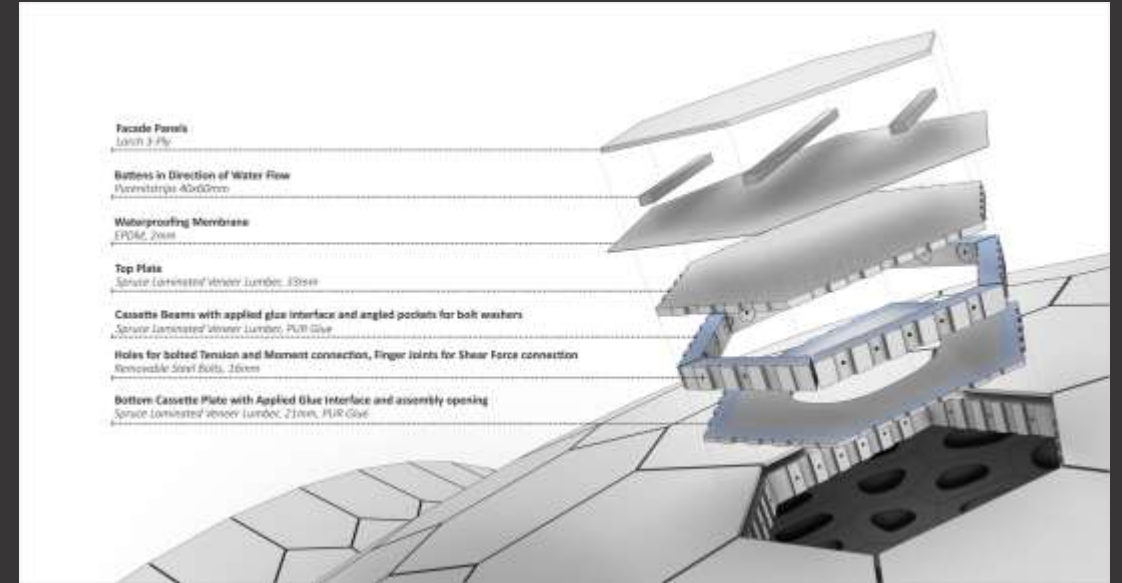
Wood

Precedents: Armadillo Vault



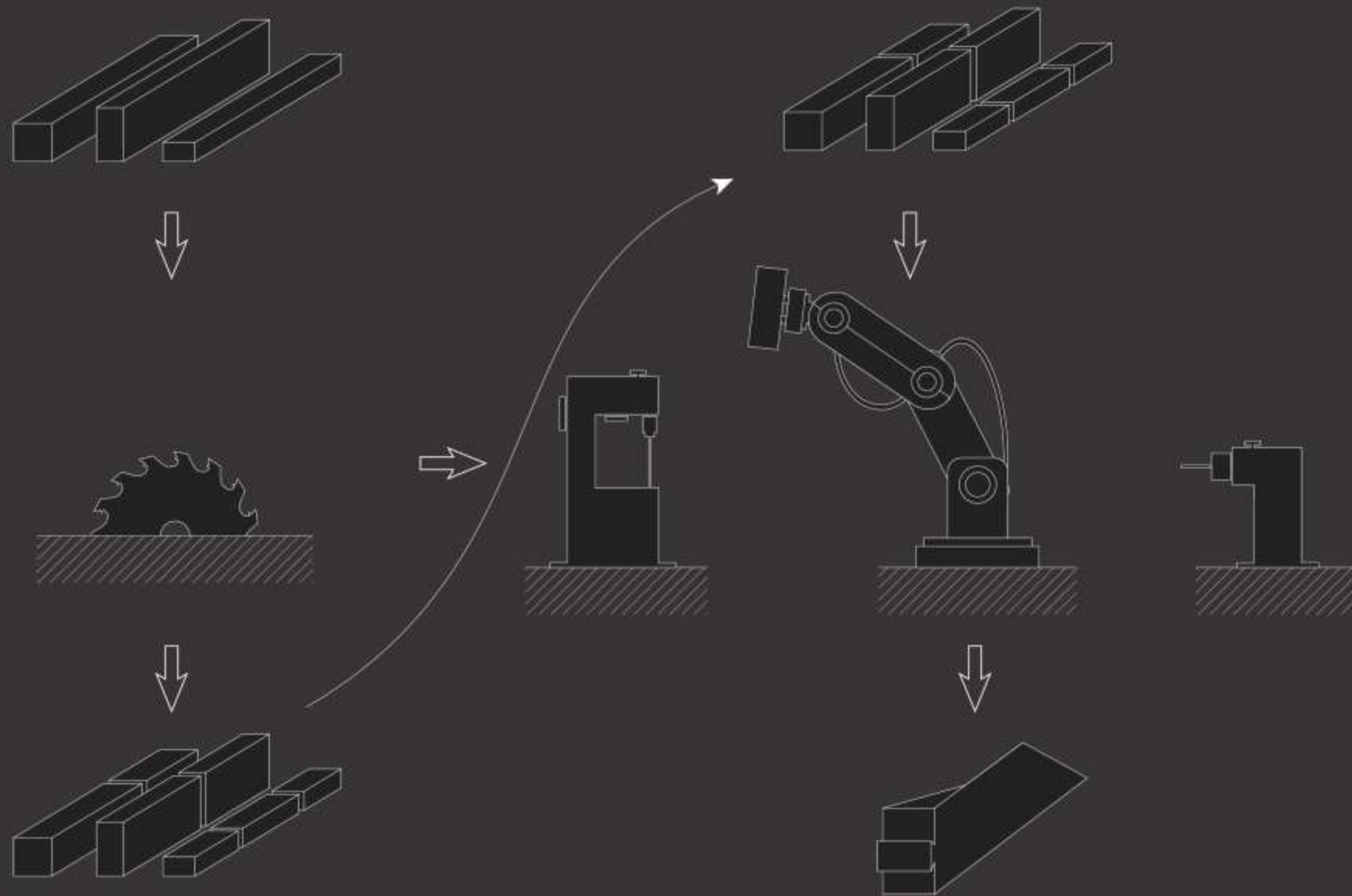
Wood

Precedents: BUGA Pavilion



Wood

Manufacturing process



1. Bounding Box
circle saw

2. Geometry
six-axis robot + band saw

3. Joint and Surface Treatment
six-axis robot + CNC drill