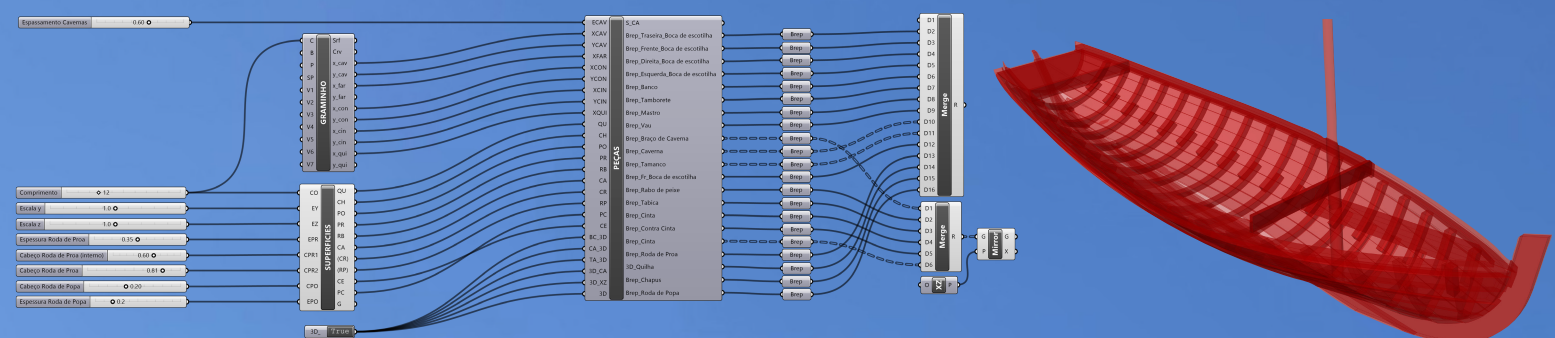
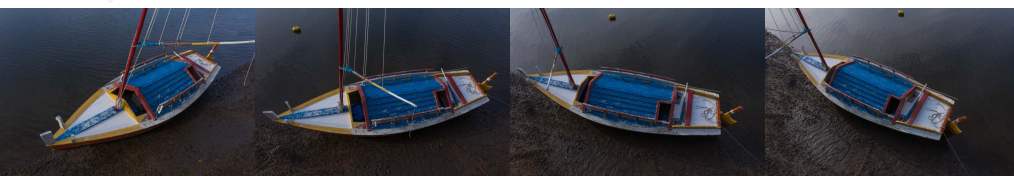
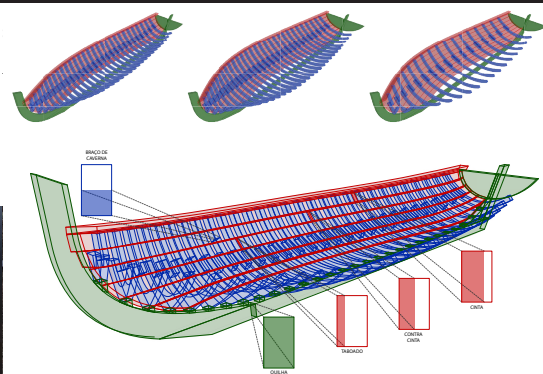
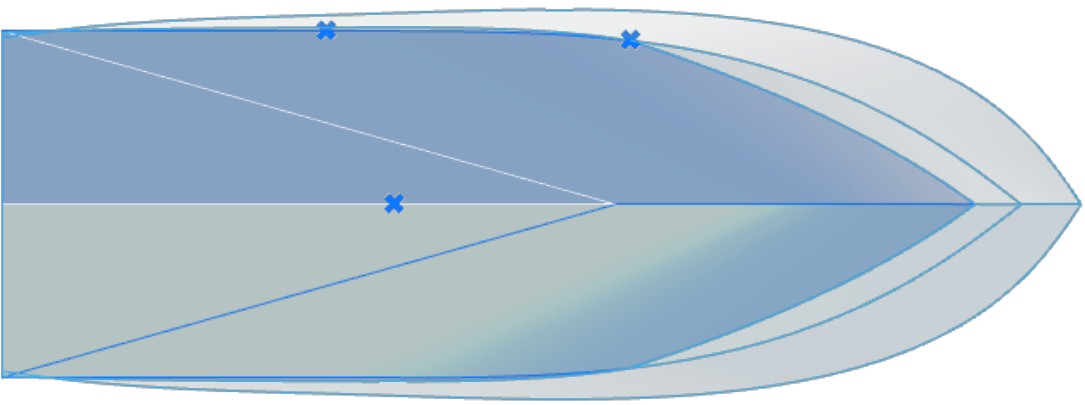
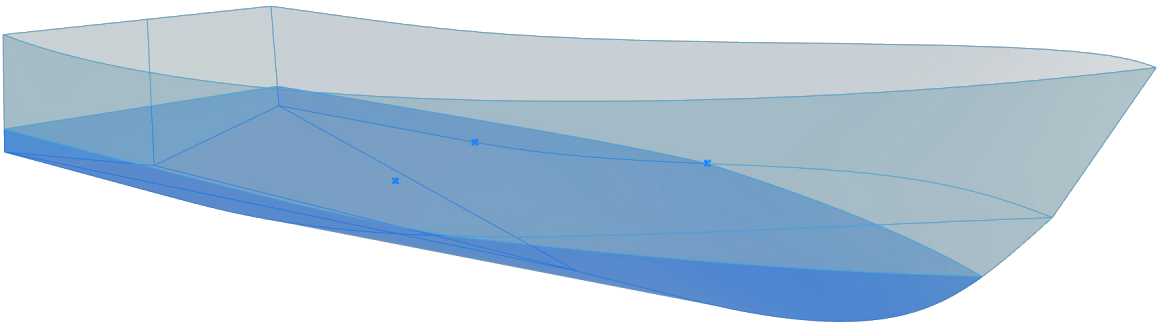




- Scholarship to Yacht Design Specialization
- Real time engineering analytics
- Three-dimensional assistance in design processing
- Fragmentation of codes to increase performance
- Fabrication plans in real time

START >>



Chapa Proa

Chapa Lateral

Chapa Fundo

Chapa Back

MAIN measure

LOA

BOA

FBF

LMB

BOA height

RELATIVE measure

CFL_relato pontal

CFV_relato pontal

Ang_tang_pontal

visualizador ☒

Ang_tang_cfl

visualizador ☒

% DeadRise x Pontal

TRANSOM measure

B@T

CB@T

FB@T

D@T

Dead rise angle

Pt Cônica

Visualizador ☒

x_relato pontal

y_relato pontal

z_relato pontal

LCE (m)

Deslocamento (m3)

X_centro de carena (m)

% Dead rise x

Z_centro de carena (m)

LCE ☒

Dead Rise lim ☒

Deslocamento ☒

Centro Carena ☒

Planificação

Planificação ☒

Start pt

Distance

Font size

Swatch ☒

Swatch ☒

Superfícies (em 3d)

Srf_chapa fundo ☒

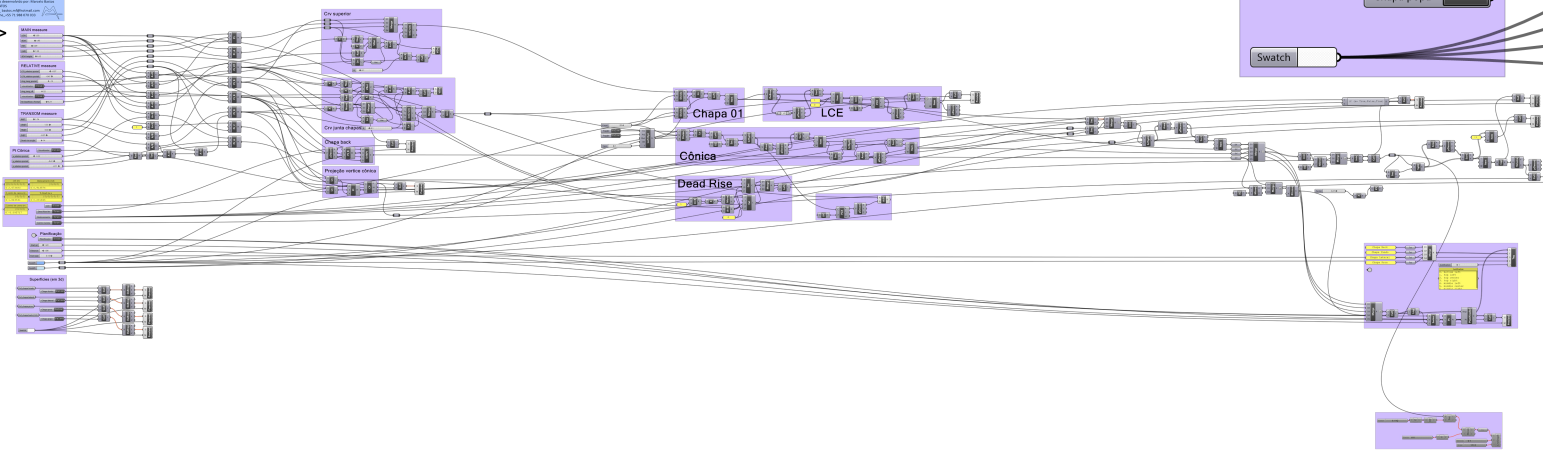
Srf_chapa lateral ☒

Srf_chapa proa ☒

Srf_chapa back (1/2) ☒

Chapa popa ☒

Switch ☒

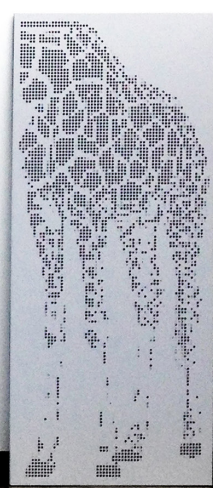
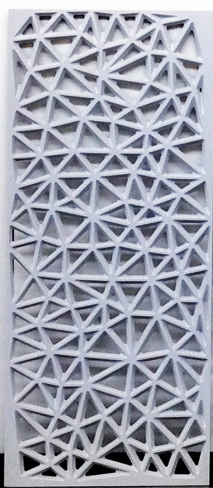
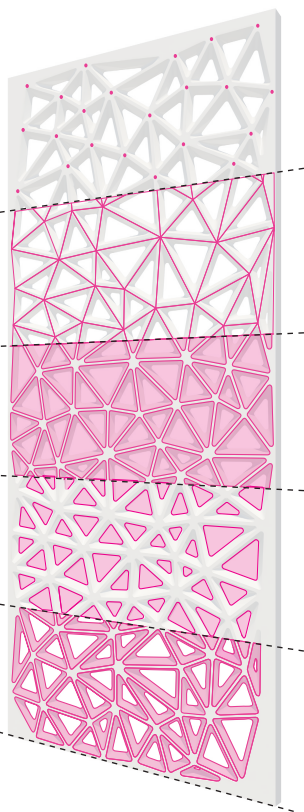
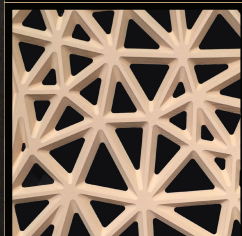
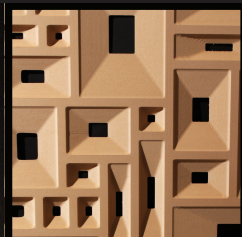
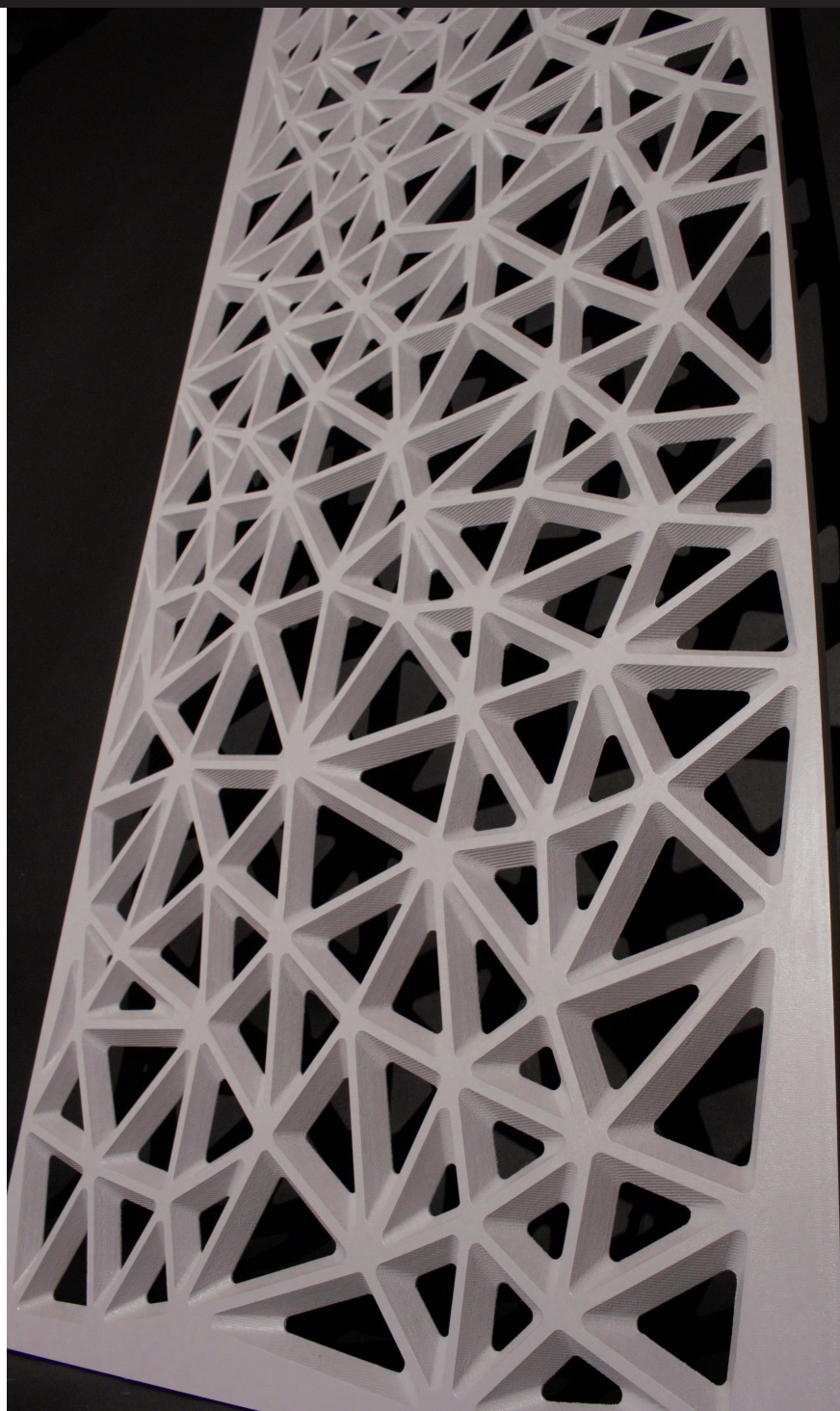
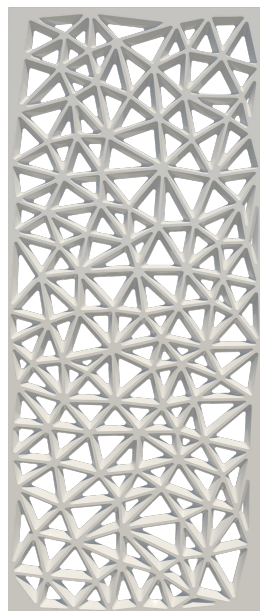


- Developed to Borden Partnership
- Coordinated parametric panels project using Grasshopper
- Fabricated at University of Southern California
- Collaborated in the book "New Essentialism, Material Architecture"

PARAMETRIC PANELS | 3/5

MARCELO BASTOS

Rhinoceros | Grasshopper | CNC | 

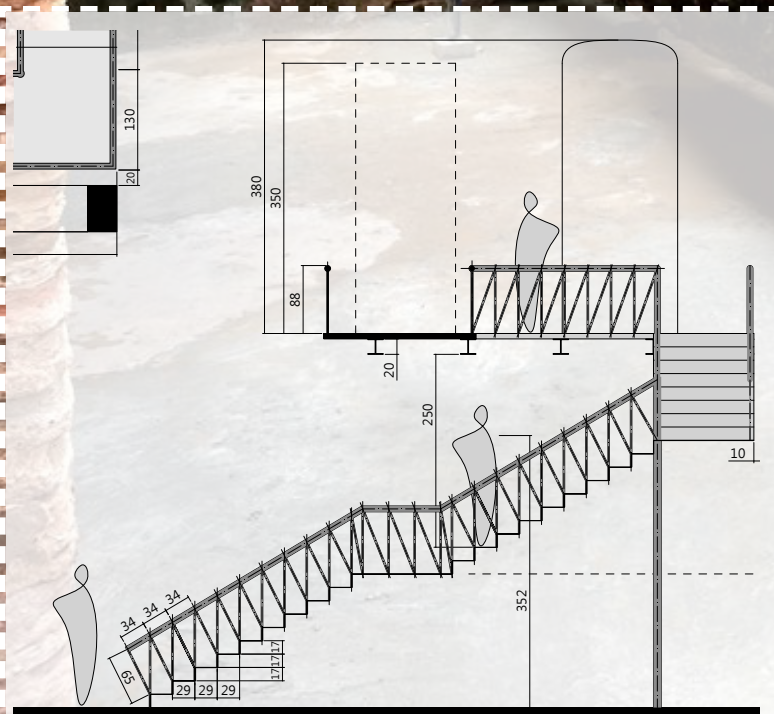
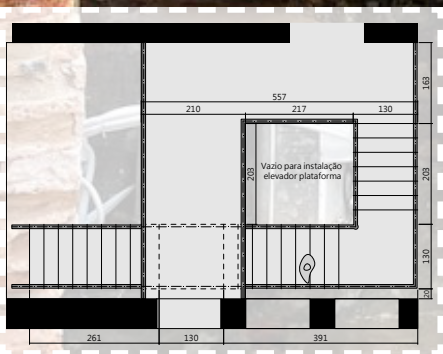
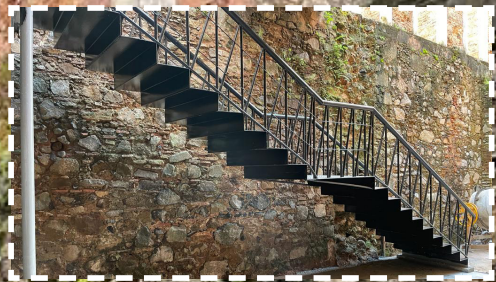


- Interoperability with structural analysis software
- Used Grasshopper and Rhinoceros to design a parametric stair
- Advanced Computer Applications in Architecture
- Computer Programming for Shape Generation

PARAMETRIC STAIR | 4/5

MARCELO BASTOS

Rhinoceros | Grasshopper | CypeCAD | 

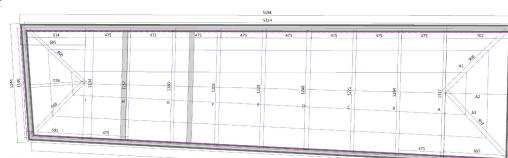
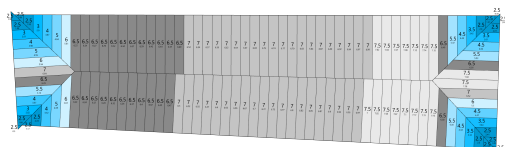
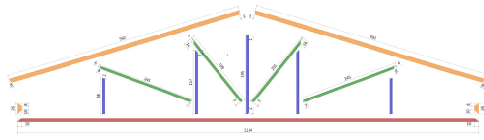
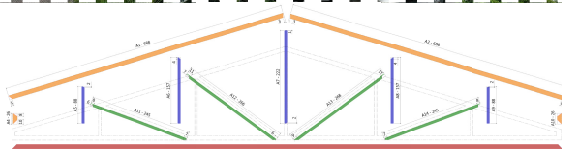
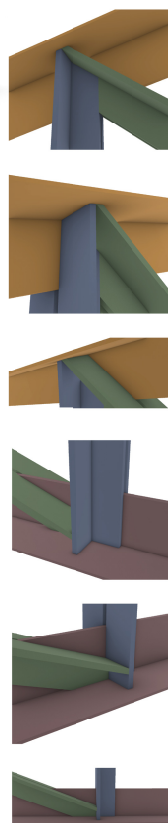


- Managed team of more than 20 professionals
- Building restoration in a 3.000 m² site
- Used Grasshopper and Rhinoceros solve unusual structures problems
- Using Grasshopper and Rhinoceros to design an asymmetrical roof

ASYMMETRICAL ROOF | 5/5

MARCELO BASTOS

Rhinoceros | Grasshopper | CypeCAD | 



CoBERTURA 1:150
las em cm