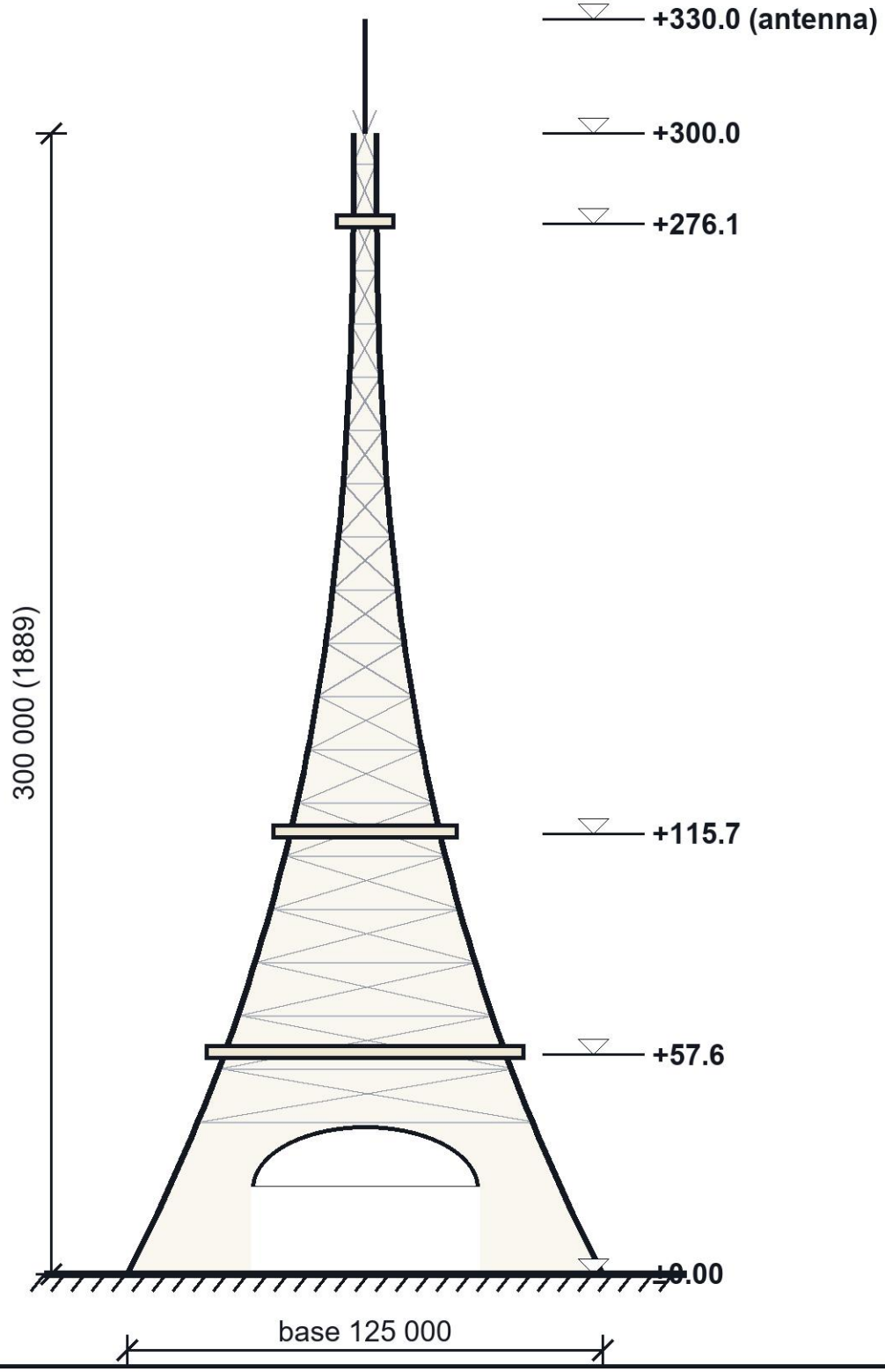
Eiffel Tower

Paris · Gustave Eiffel · 1889 · elevation

FOUR LEGS · THREE PLATFORMS · IRON LATTICE · ARCH



YOUR CHALLENGE

Count the three platforms. Why is the tower wider at the bottom? Draw the shadow it makes at noon, and add your own level marks.

BL-G1

Scale 1 : 200

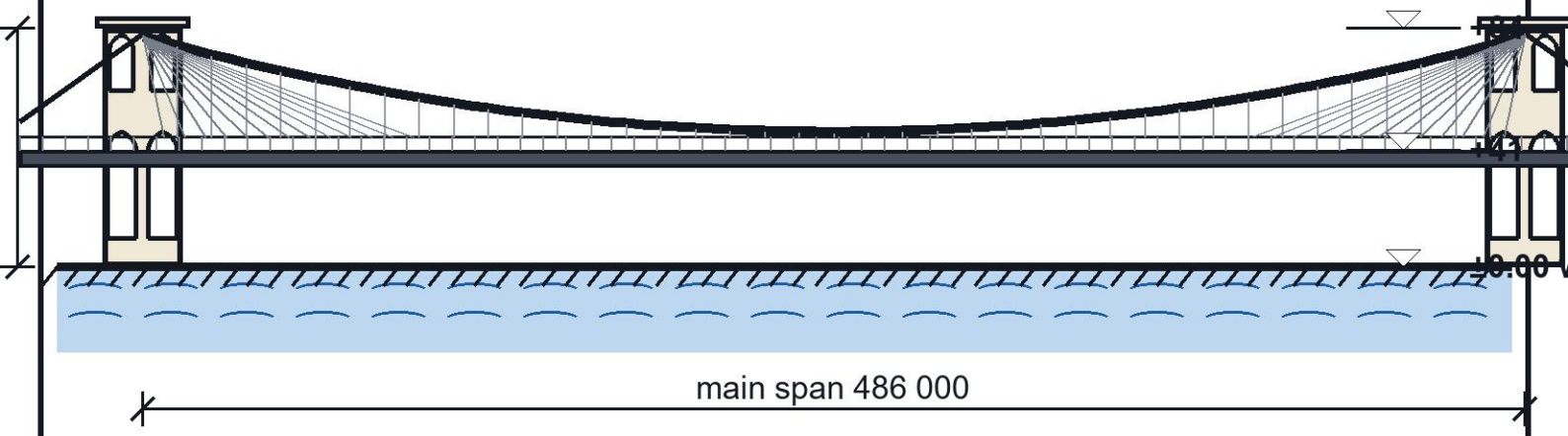
A4 · sample drawing

blueprintlegends.com

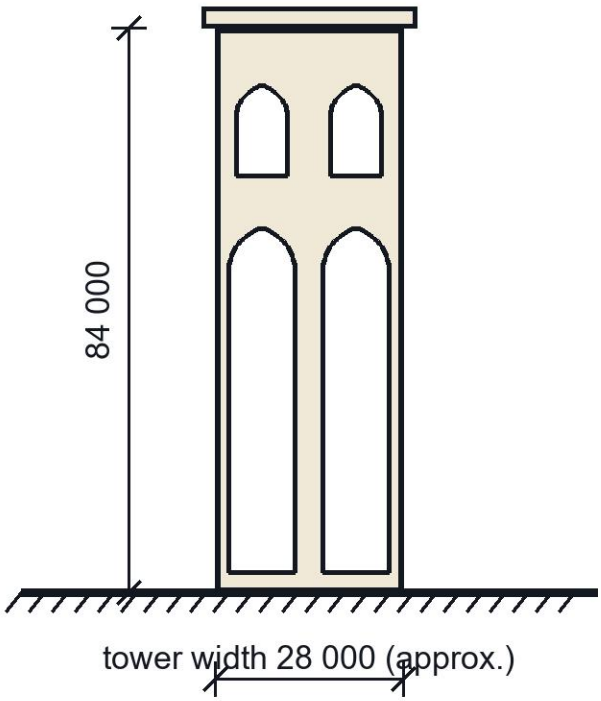
Brooklyn Bridge

New York · Roebling · 1883 · main span elevation

GRANITE TOWERS · STEEL WIRE CABLES · SUSPENDERS · DECK TRUSS



TOWER · FRONT VIEW · 1 : 100



YOUR CHALLENGE

The cables carry the deck. Draw 10 more suspender cables on each side. Which part is in tension, which part in compression?

BL-G2

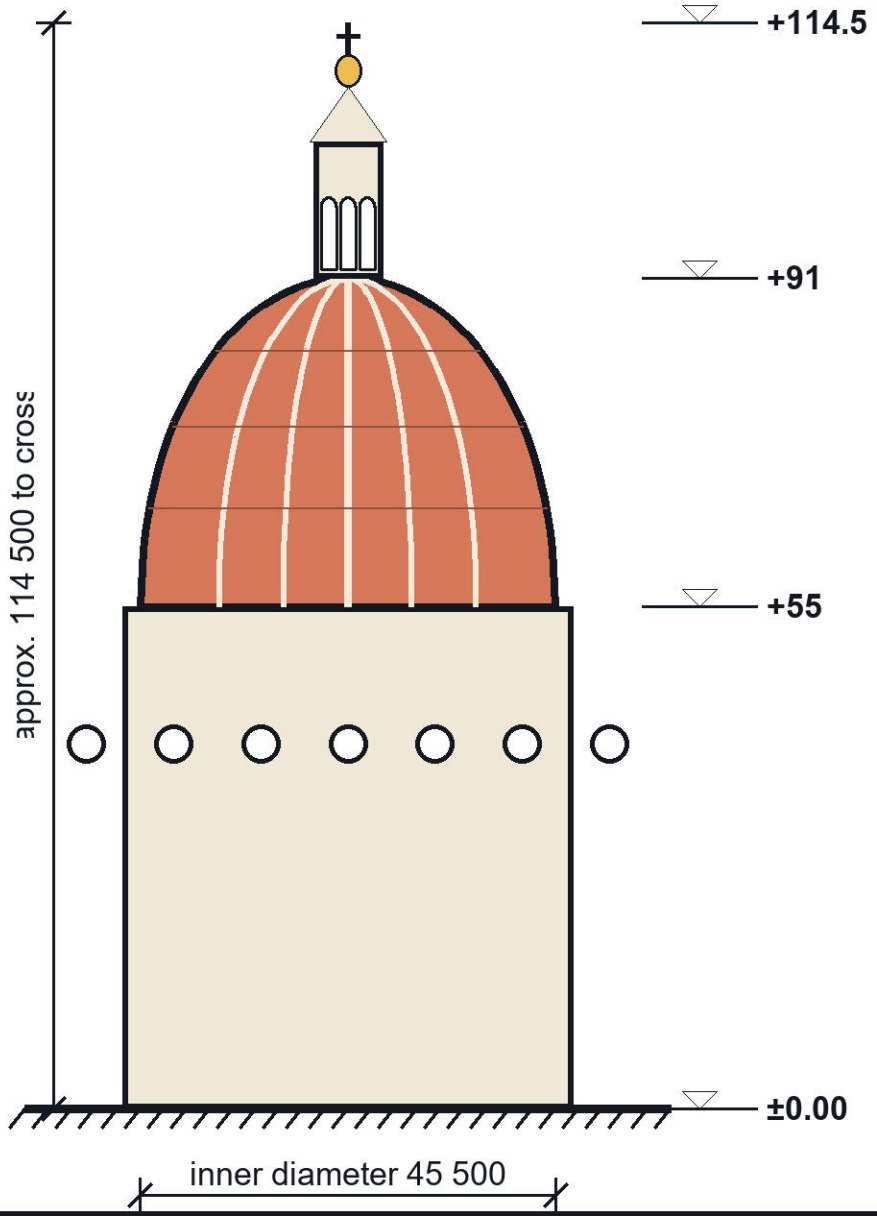
Scale 1 : 800

A4 · sample drawing

Florence Cathedral Dome

Brunelleschi · 1436 · section and elevation

DRUM · RIBBED DOME · LANTERN · BALL AND CROSS



YOUR CHALLENGE

The dome has two shells and no wooden frame. Draw the 8 ribs in the plan circle and add the herringbone brick pattern.

BL-G3

Scale 1 : 500

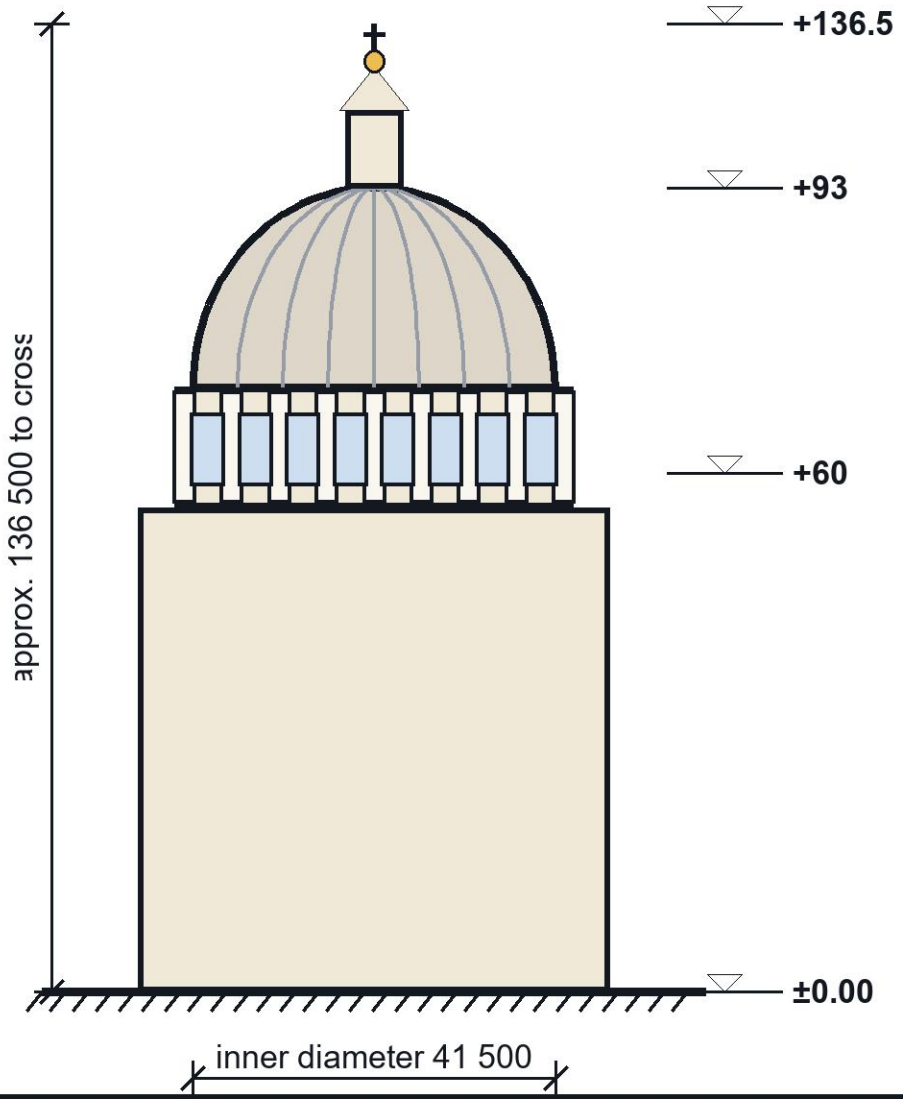
A4 · sample drawing

blueprintlegends.com

St Peter's Dome

Rome · Michelangelo · 1590 · elevation

DRUM · 16 RIBS · LANTERN · CROSS



YOUR CHALLENGE

Michelangelo drew the dome but never saw it finished. Draw 16 columns on the drum and put your own number on each rib.

BL-G4

Scale 1 : 400

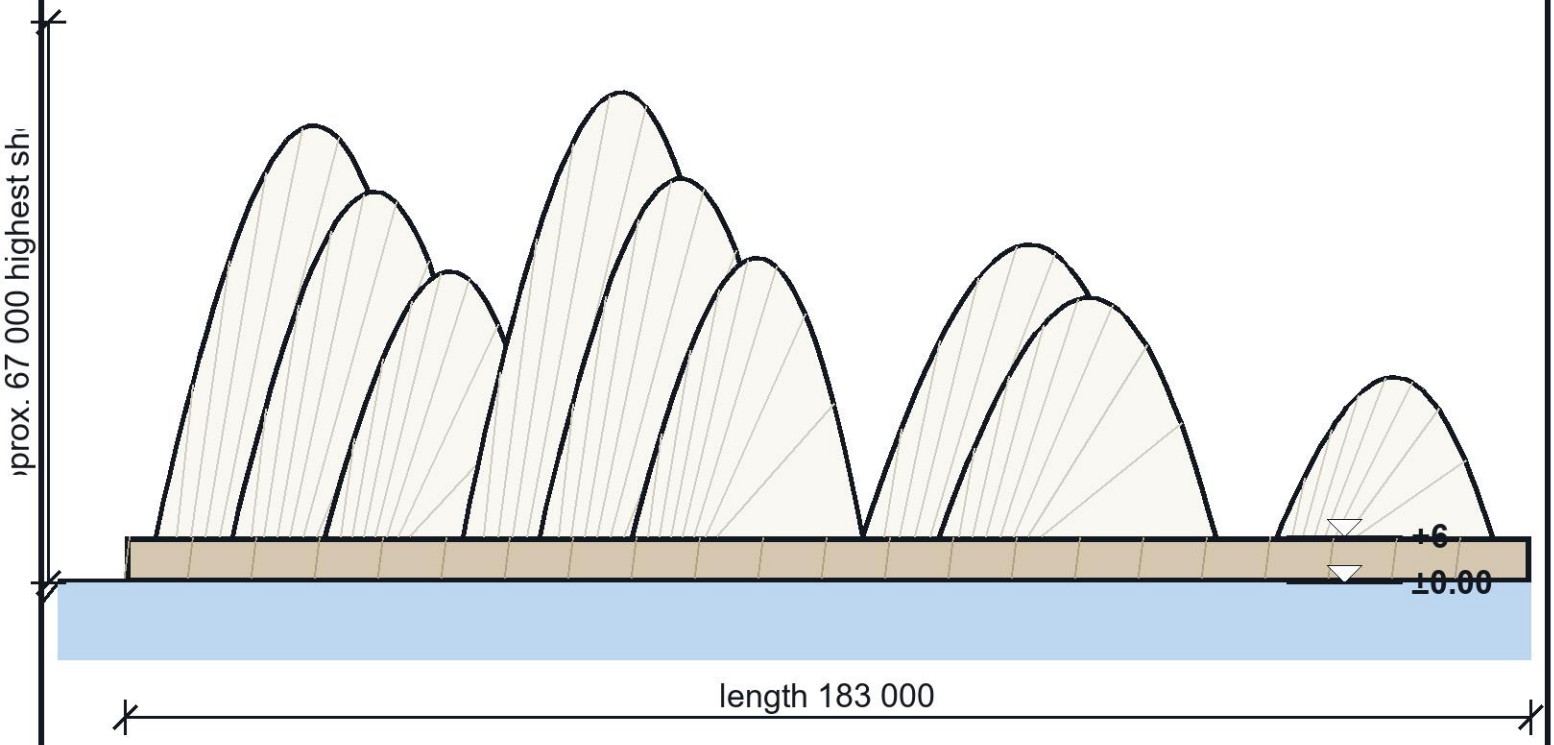
A4 · sample drawing

blueprintlegends.com

Sydney Opera House

Jørn Utzon · 1973 · simplified side elevation

PODIUM · PRECAST CONCRETE SHELLS · TILE SKIN



YOUR CHALLENGE

The shells are all parts of one sphere.
Draw a fourth shell on the right and give it a height. Colour the sails white.

BL-G5

Scale 1 : 1000

A4 · sample drawing

blueprintlegends.com