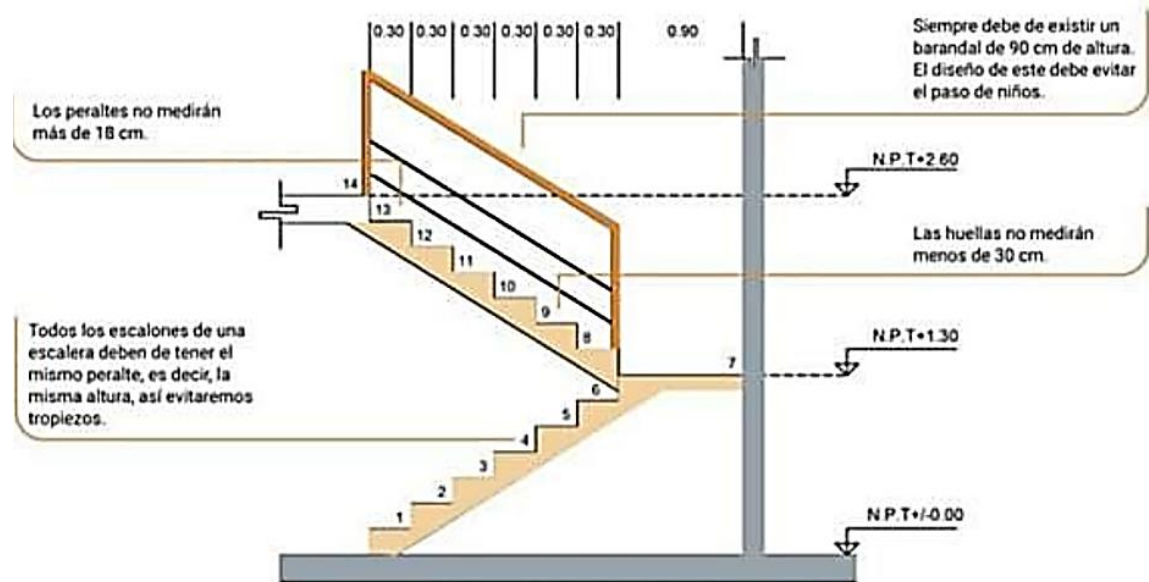
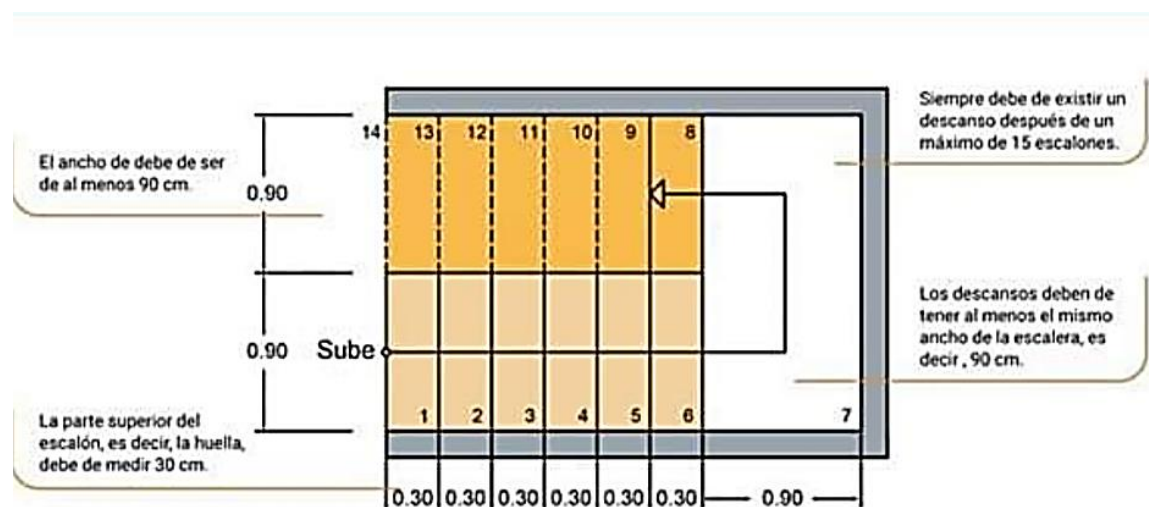
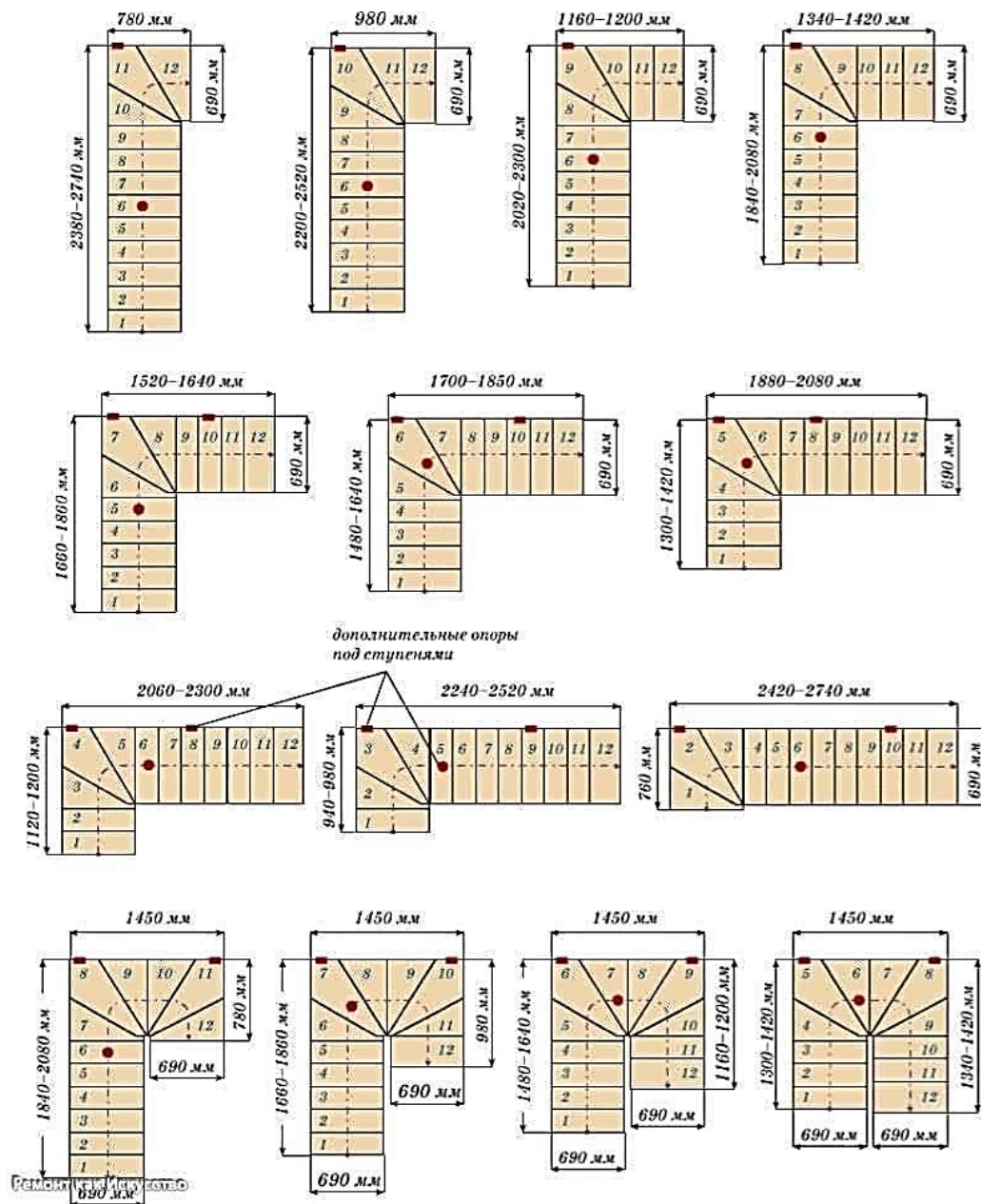
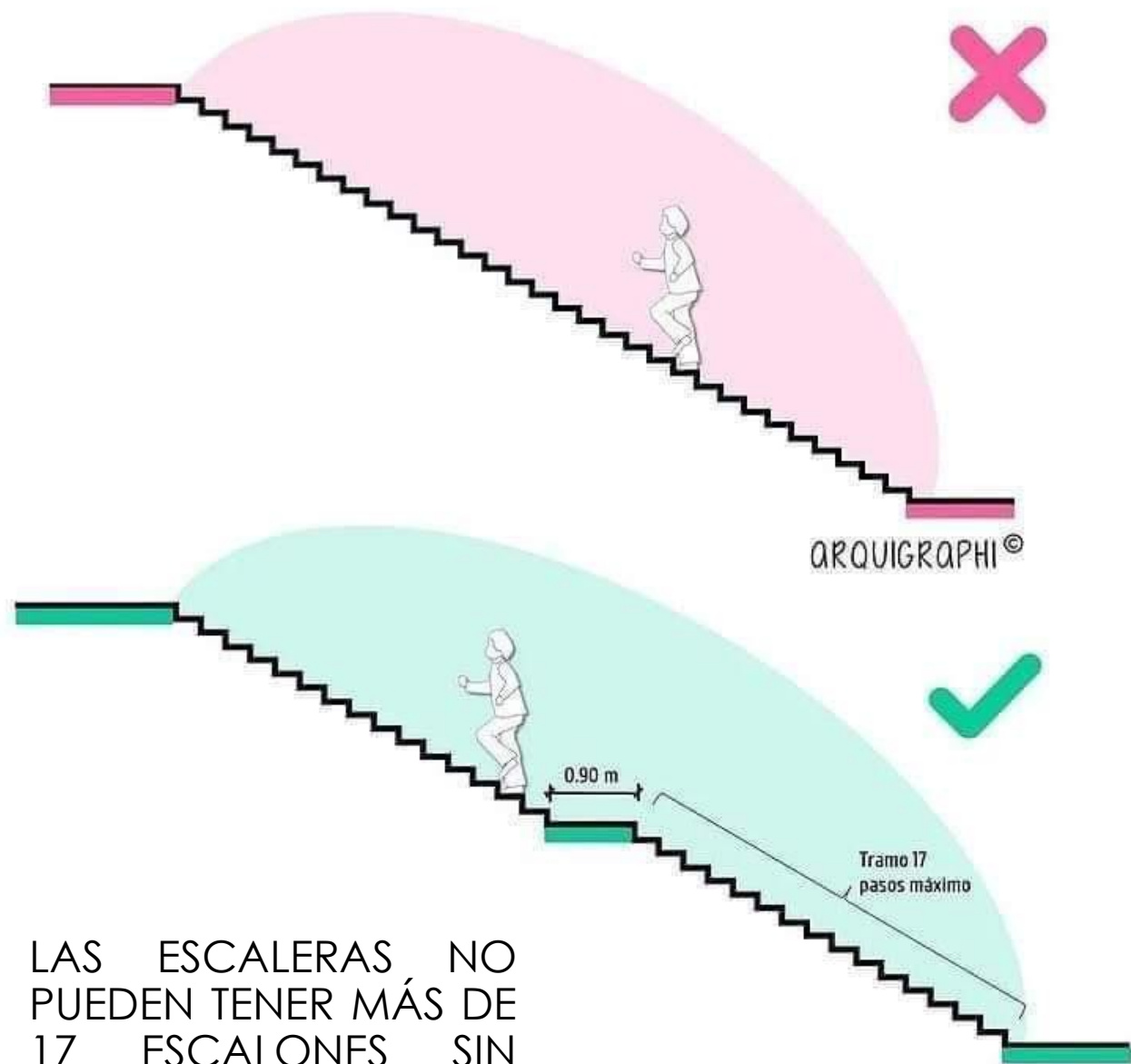


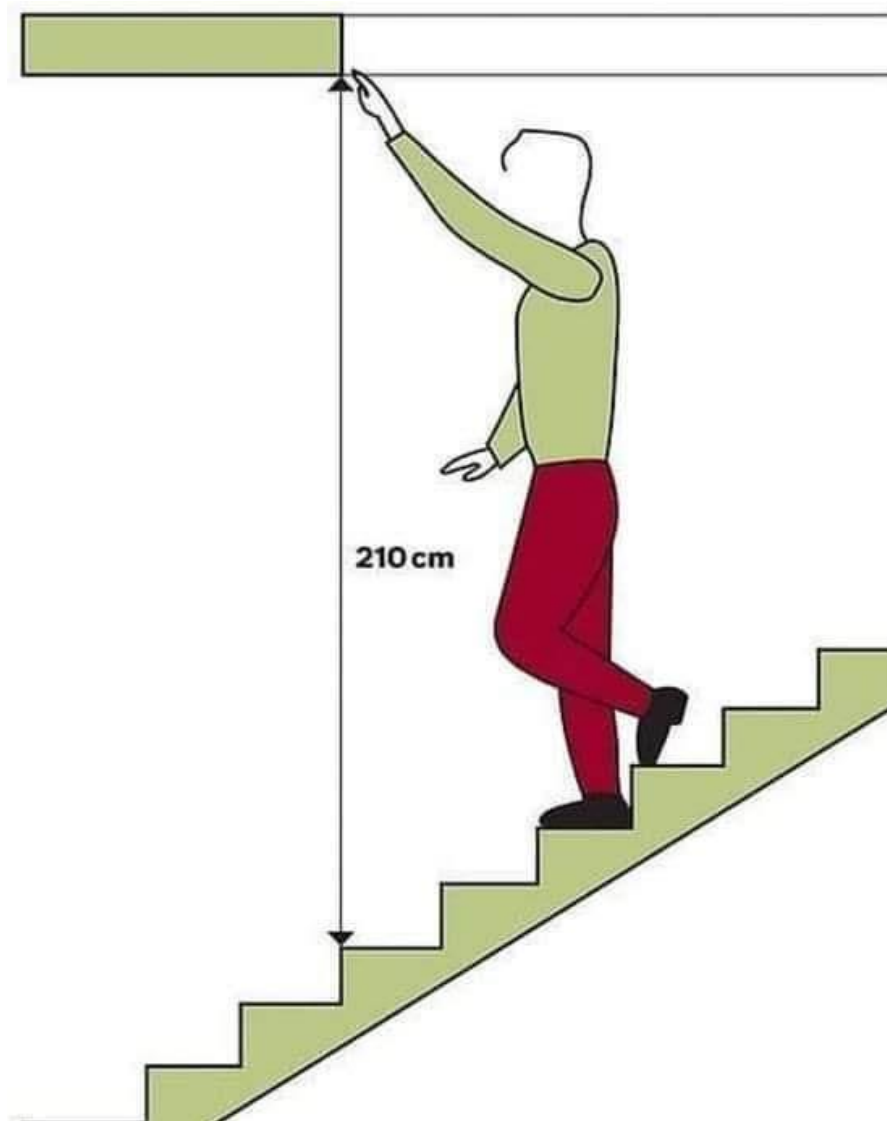
TIPOS DE ESCALERAS

ESCALERAS

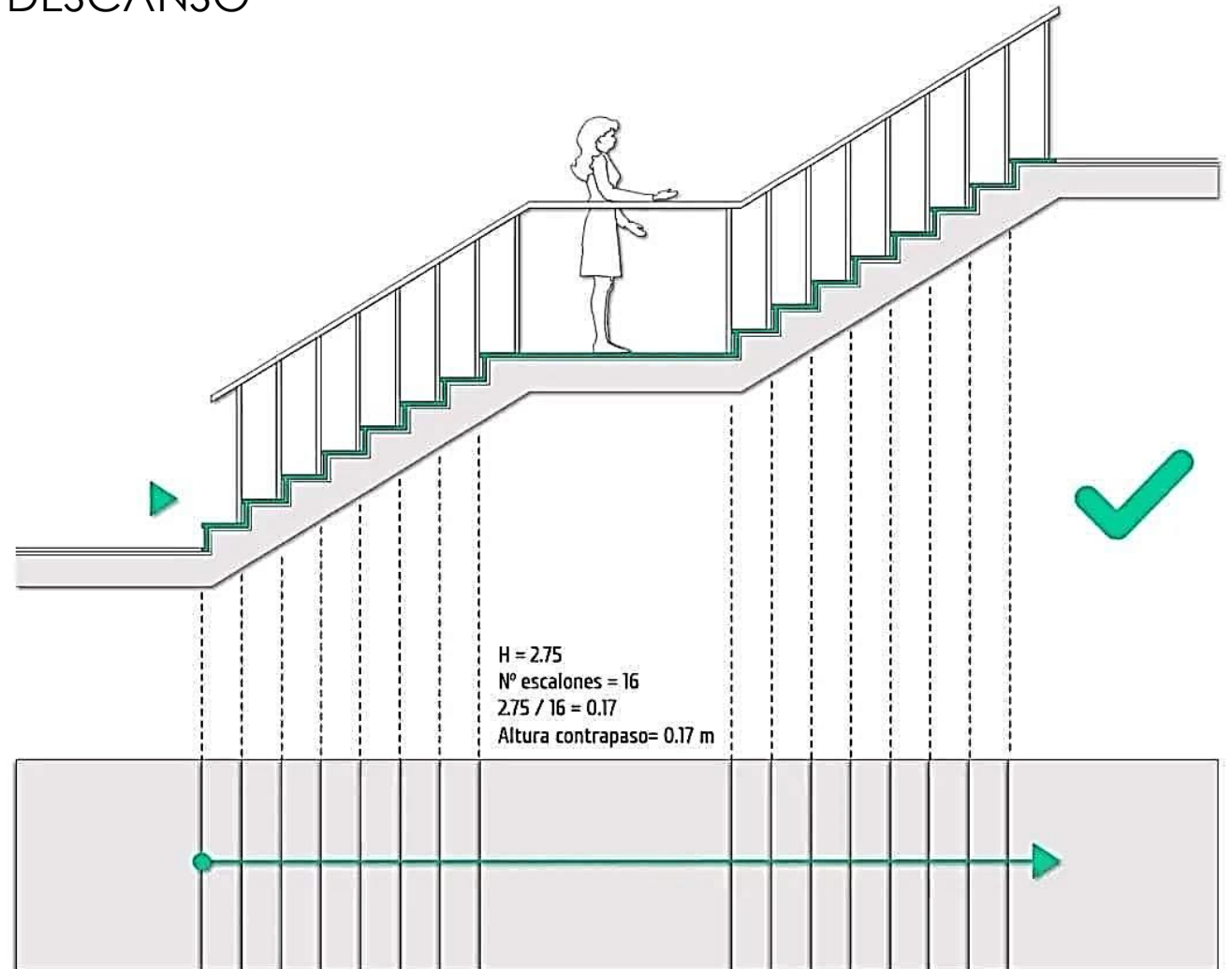
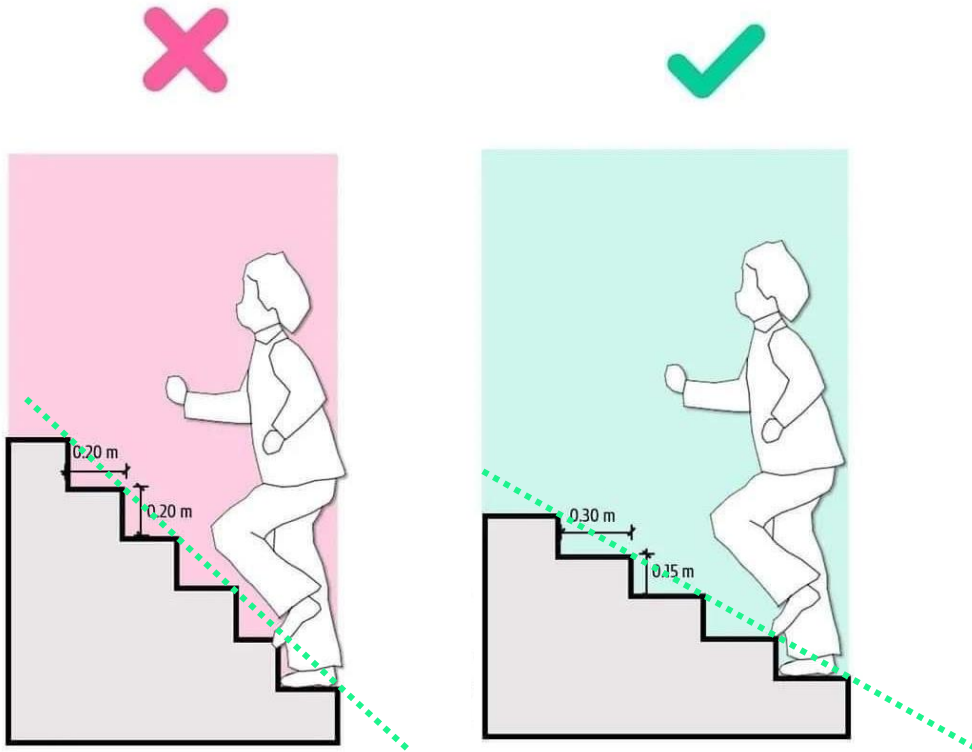




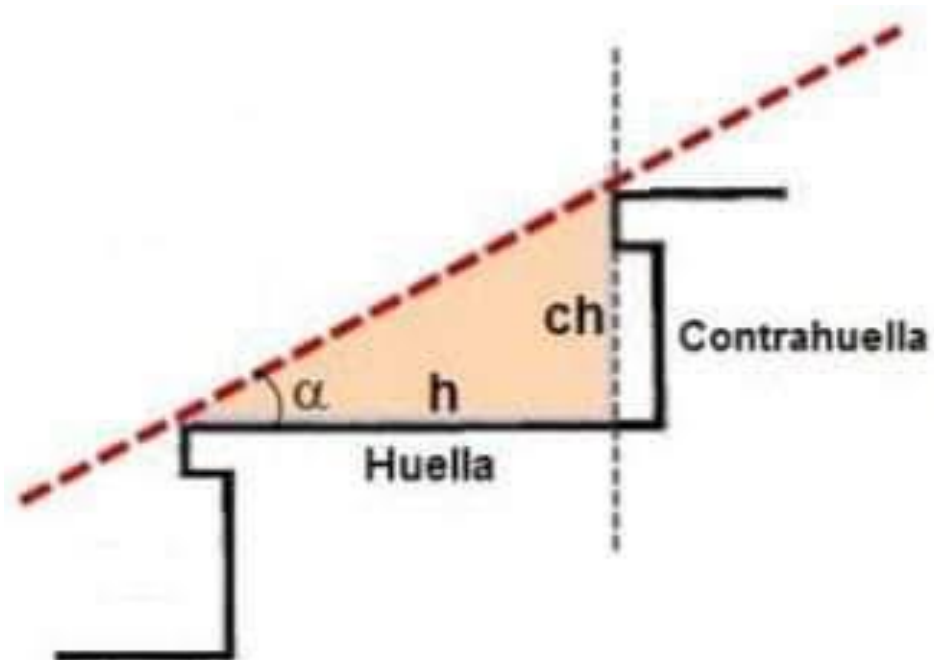
LAS ESCALERAS NO
PUEDEN TENER MÁS DE
17 ESCALONES SIN
DESCANSO



LAS ESCALERAS NO PUEDEN TENER
MÁS DE 17 ESCALONES SIN
DESCANSO

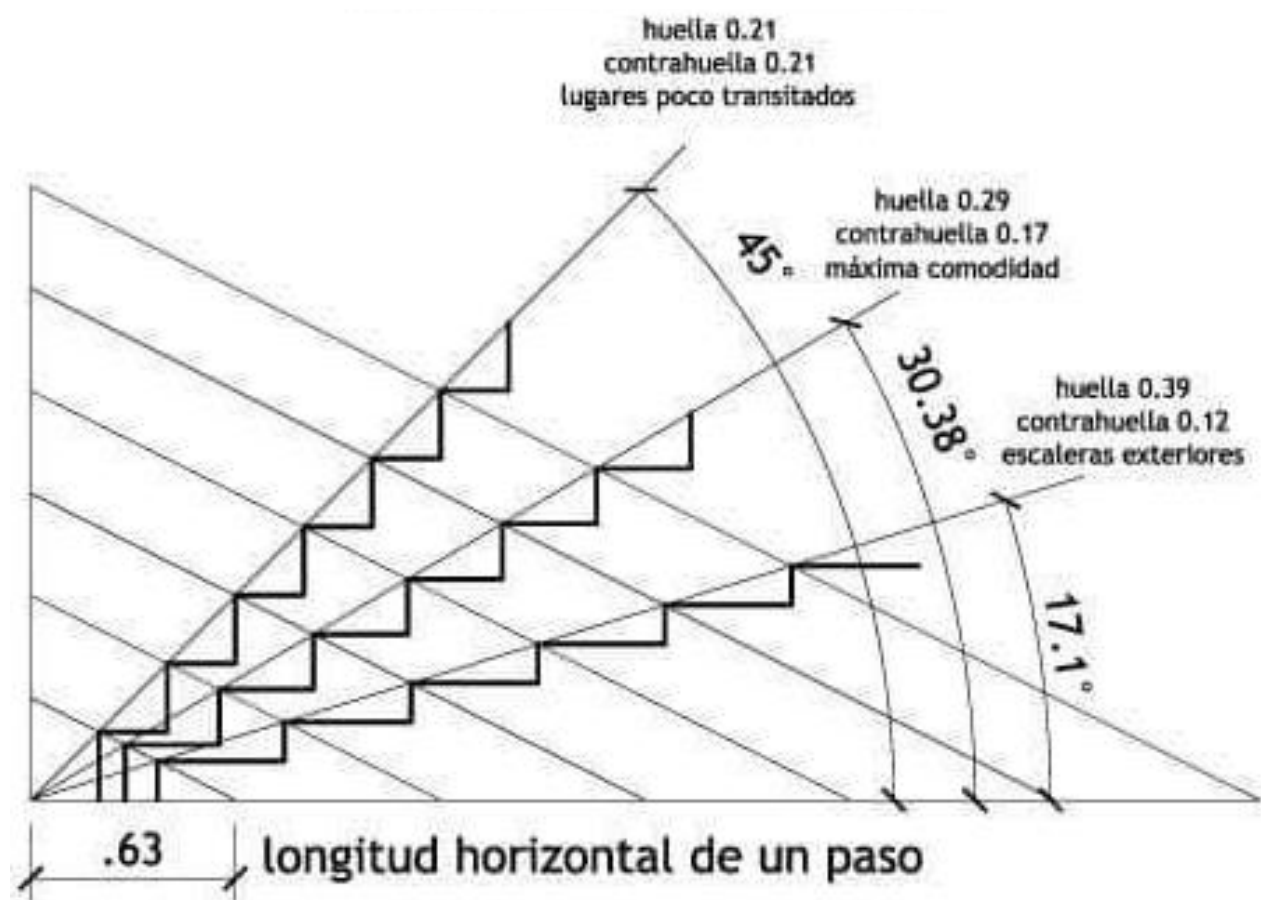


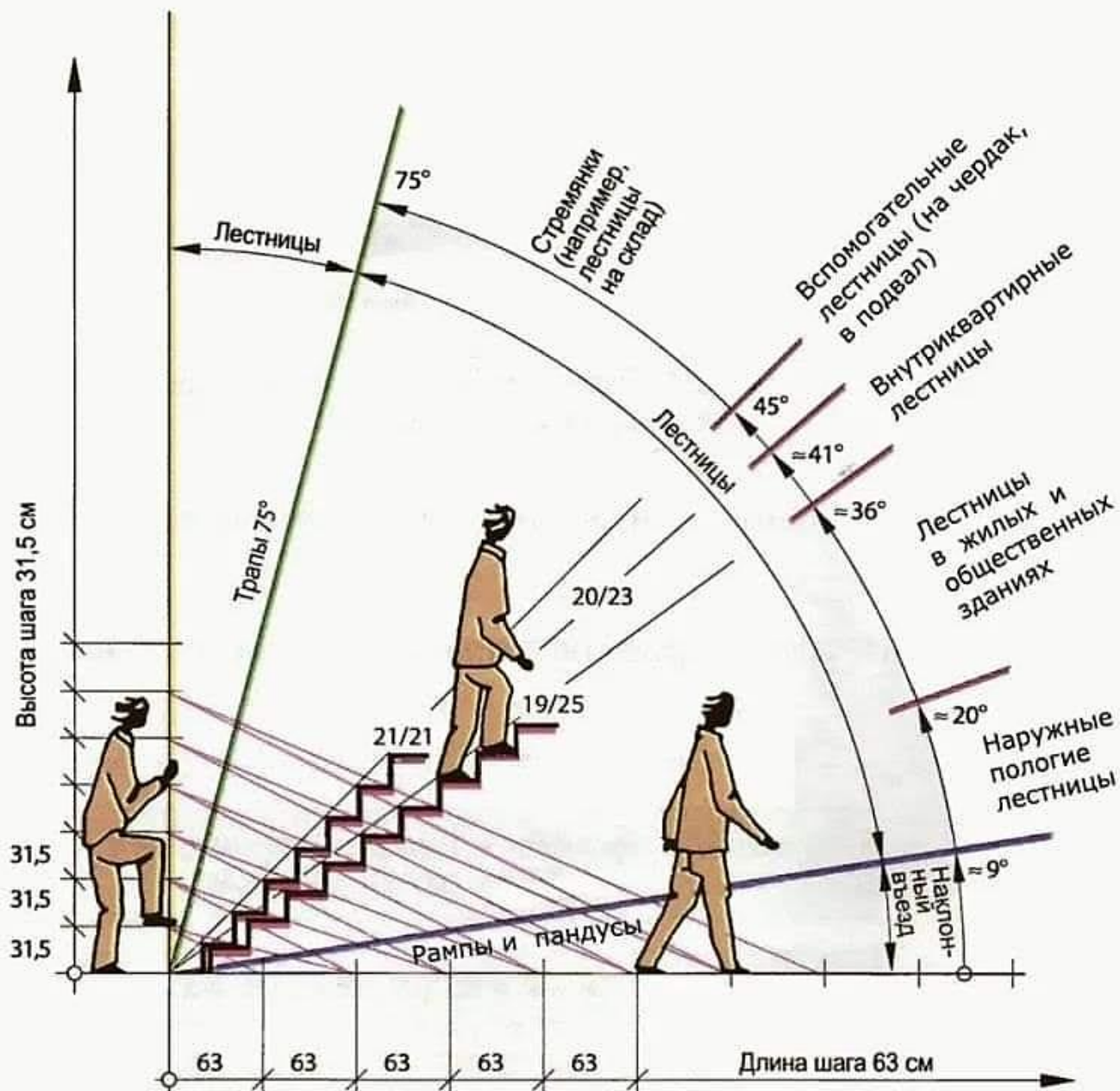
fórmula: 2contrahuellas + 1 huella = 0.63cm



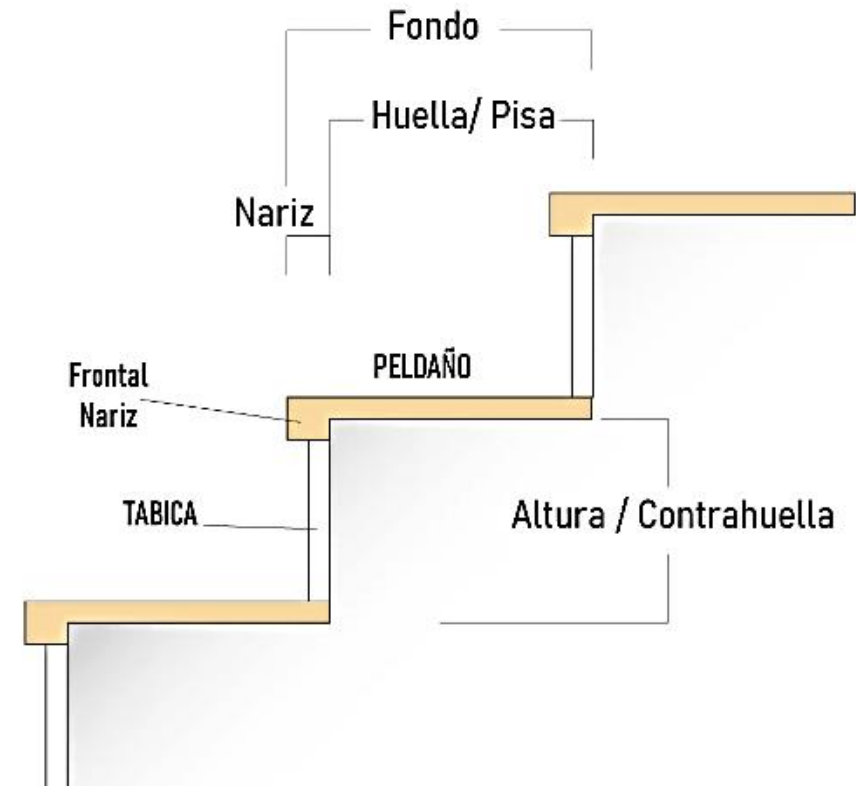
Pendiente del escalón
(o de la escalera):

$$\operatorname{tg} \alpha = \frac{ch}{h}$$

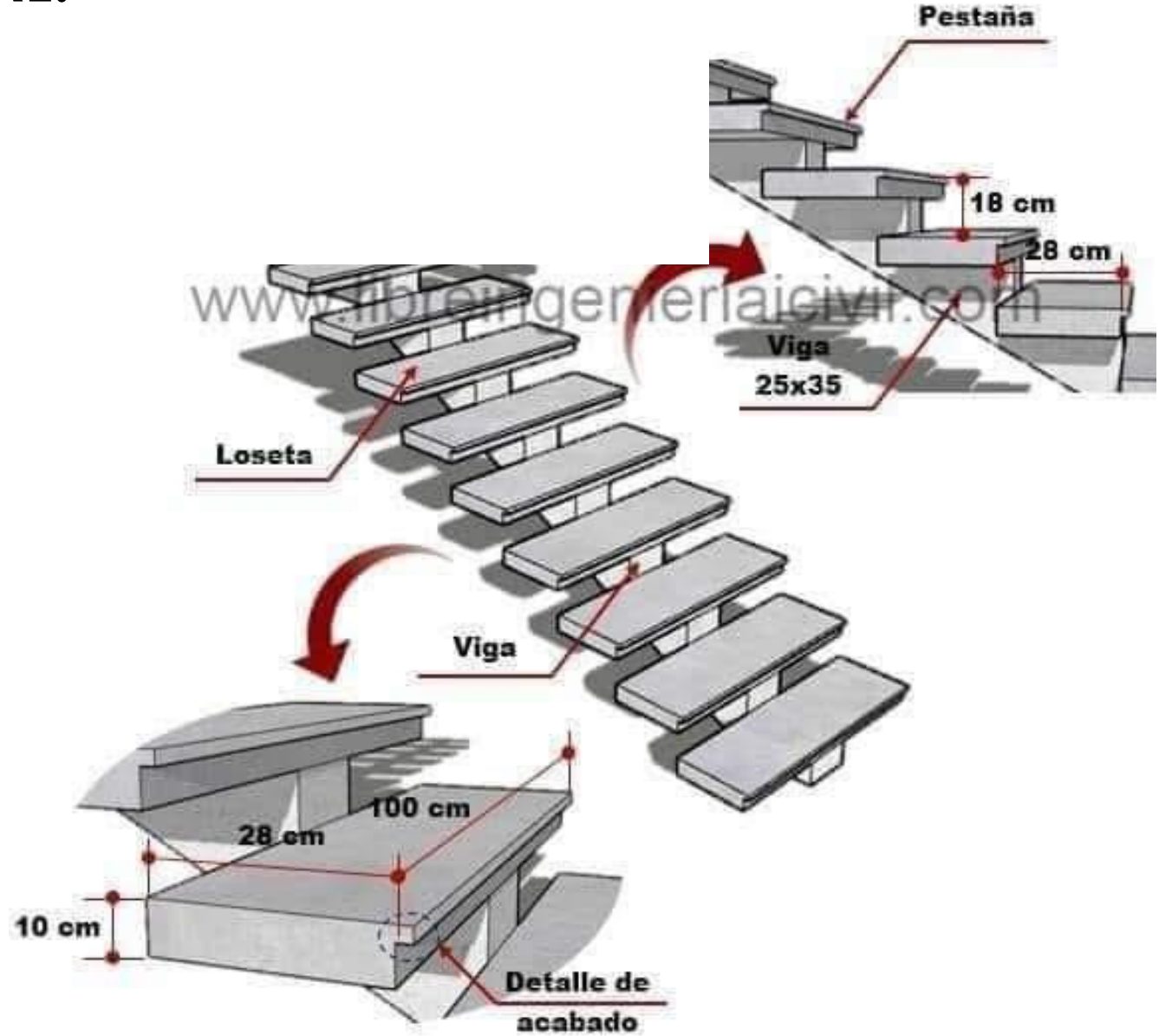
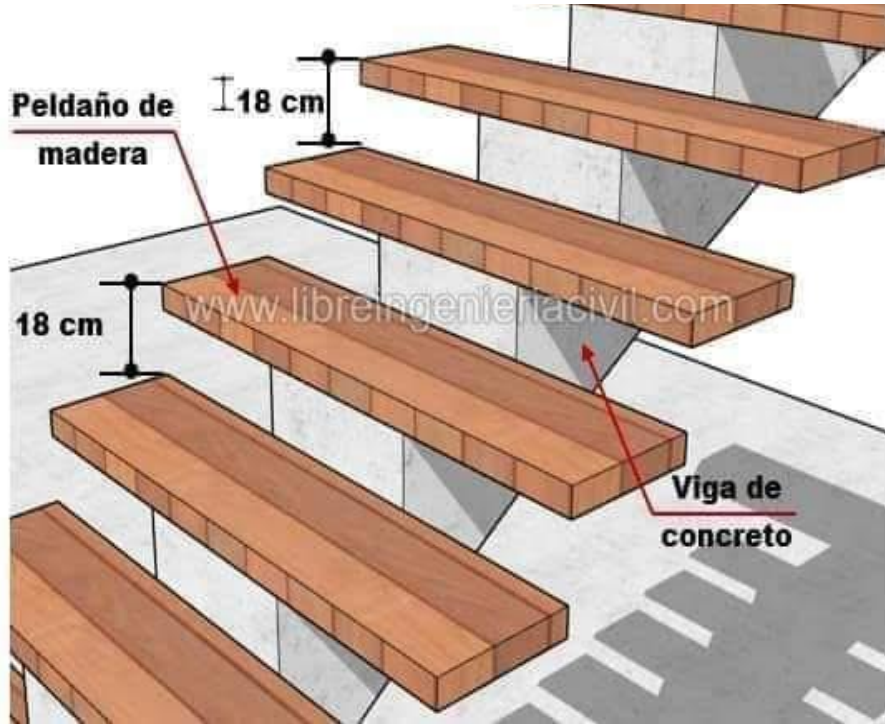




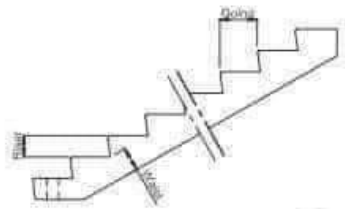
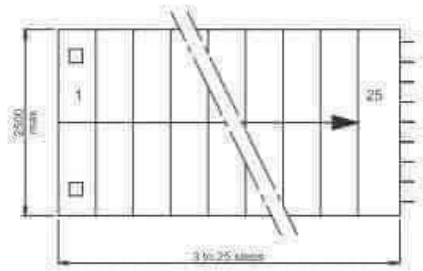
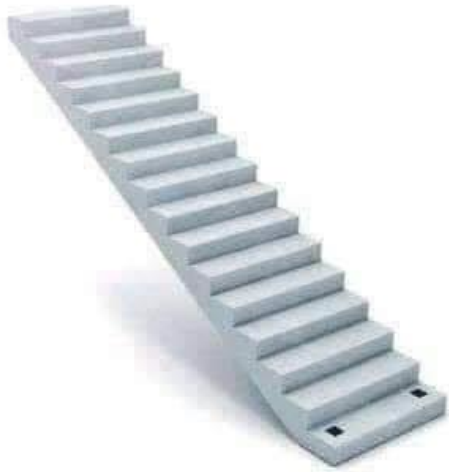
ELEMENTOS DE UN ESCALÓN:



ESCALERAS SEGÚN SU MATERIAL:



DE UN SOLO TRAMO

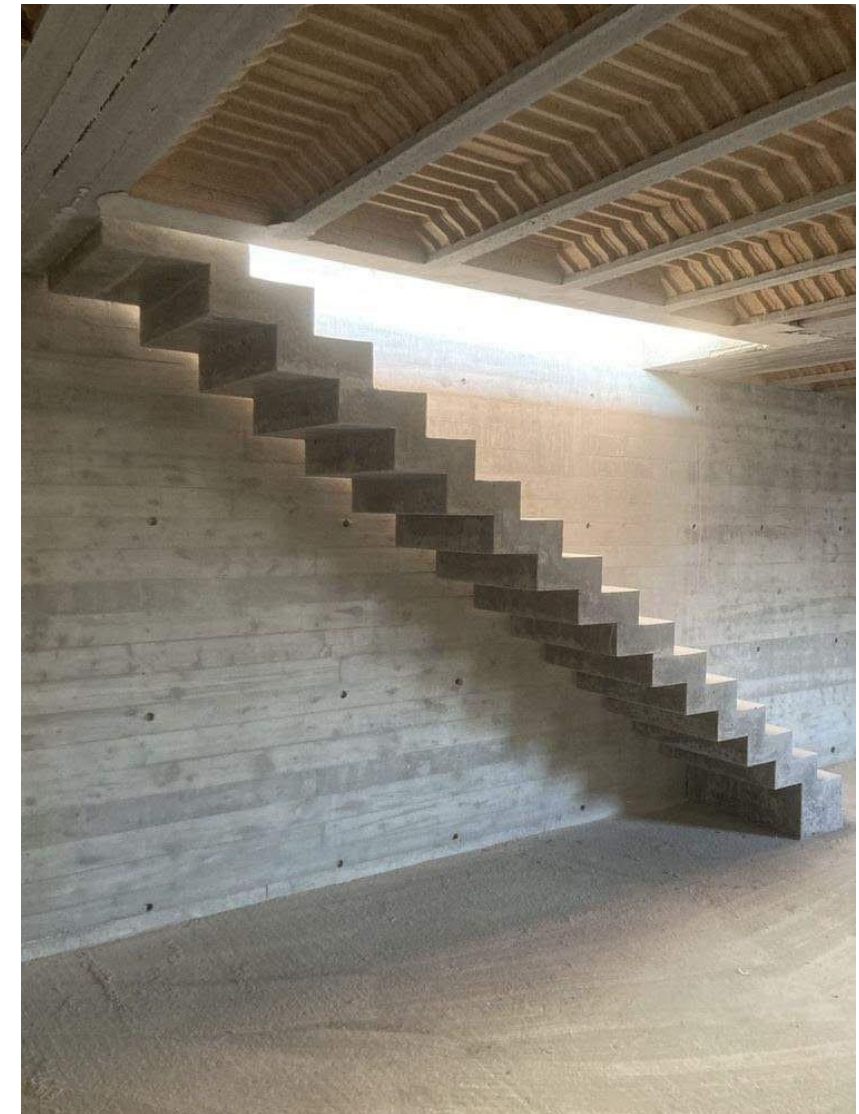
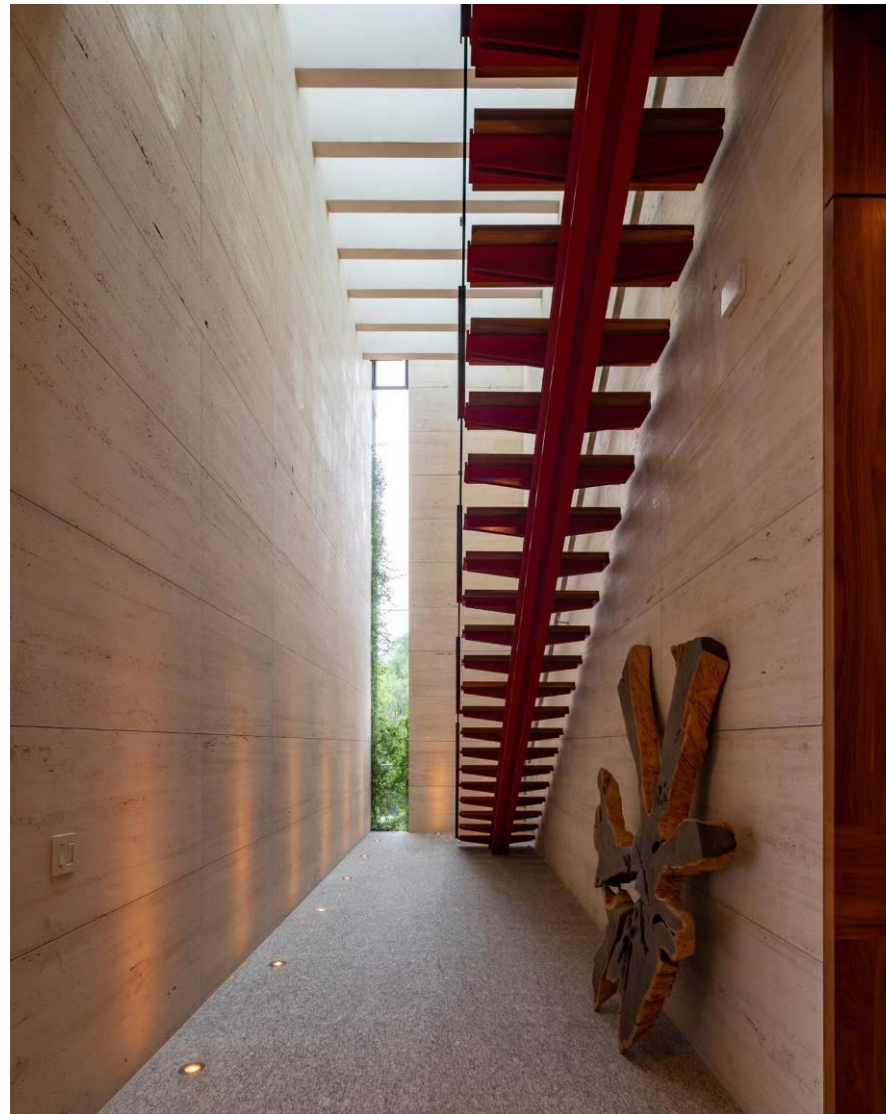


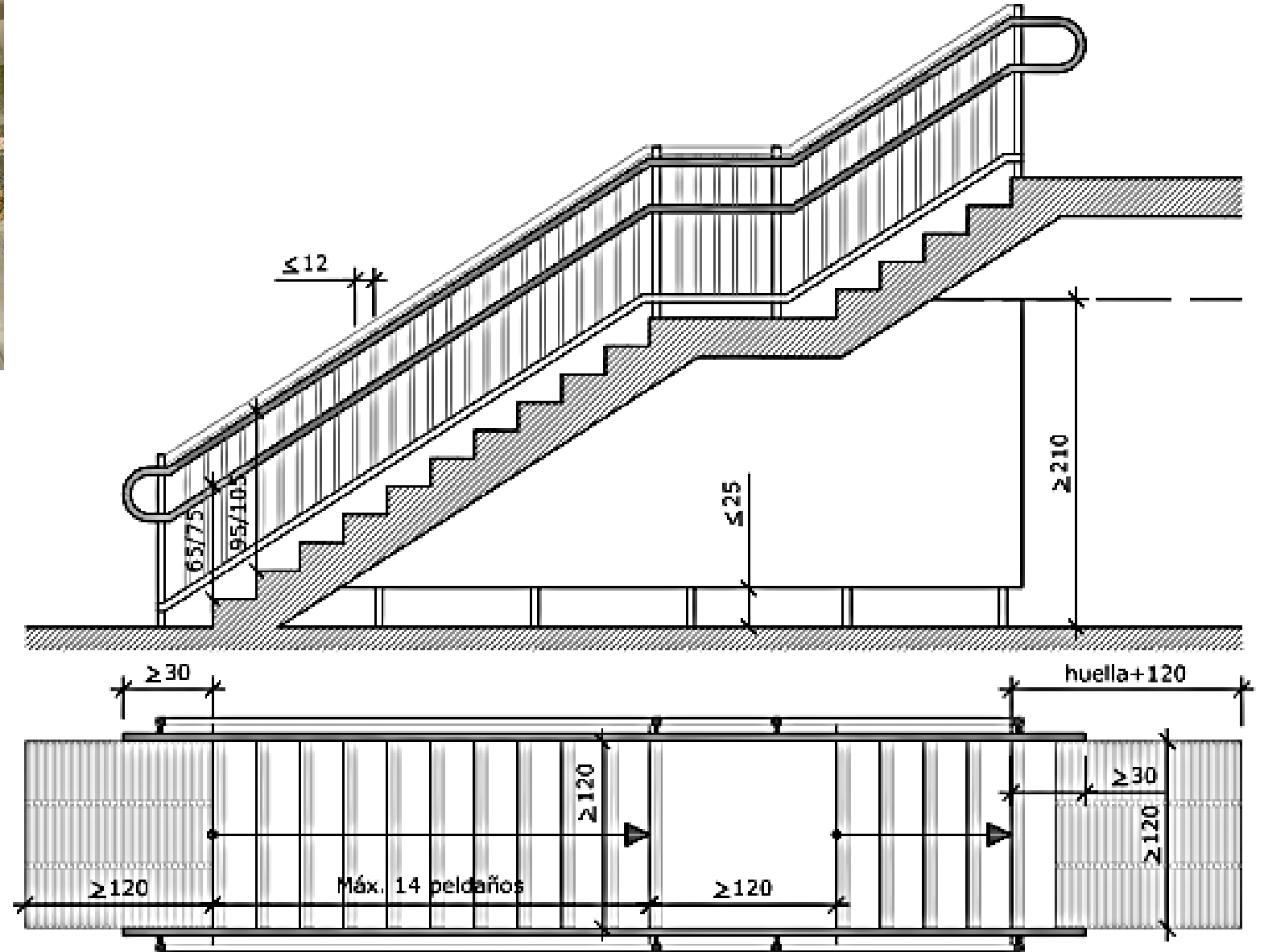
Risers
 from 150 to 180 mm

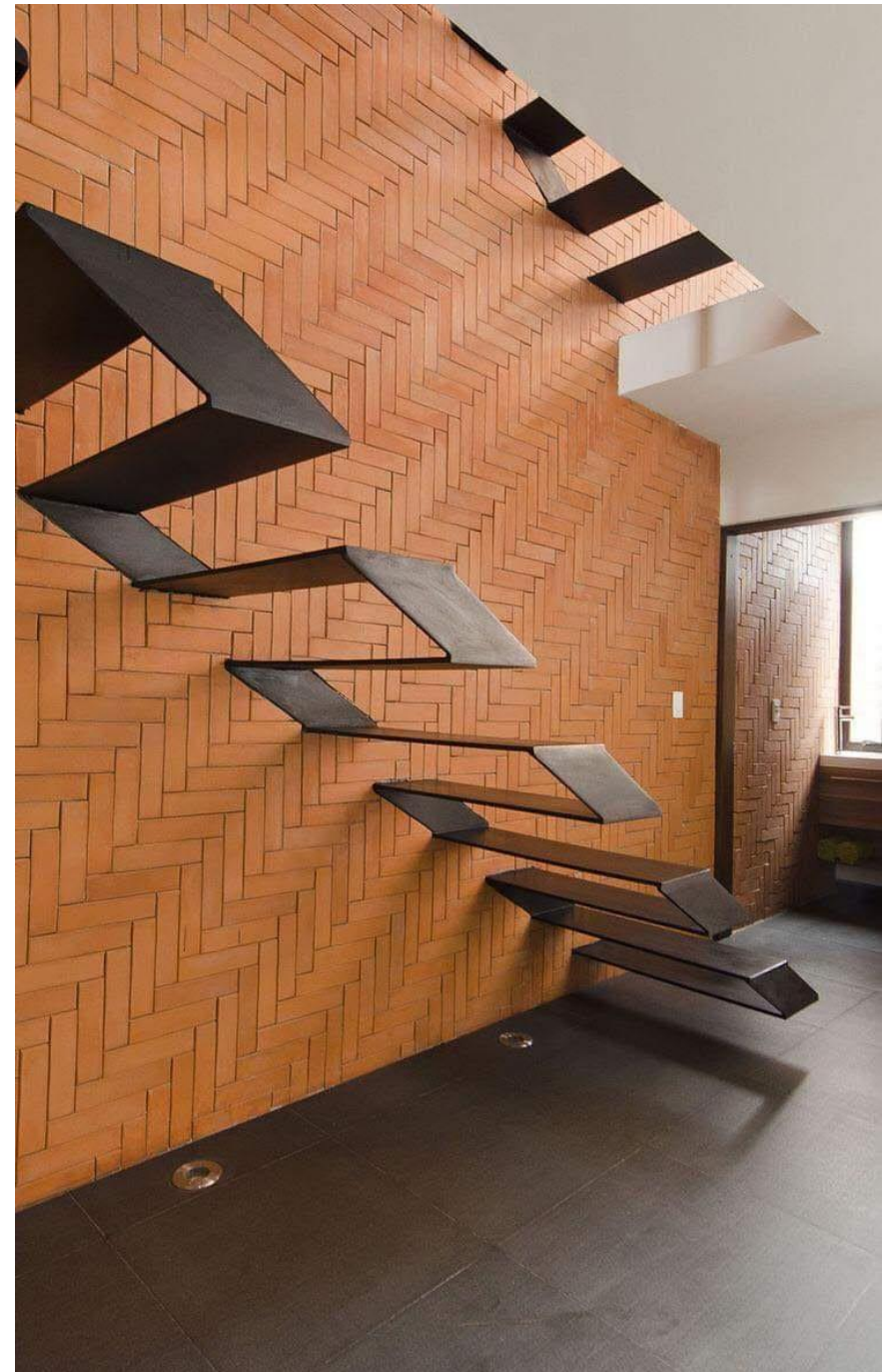
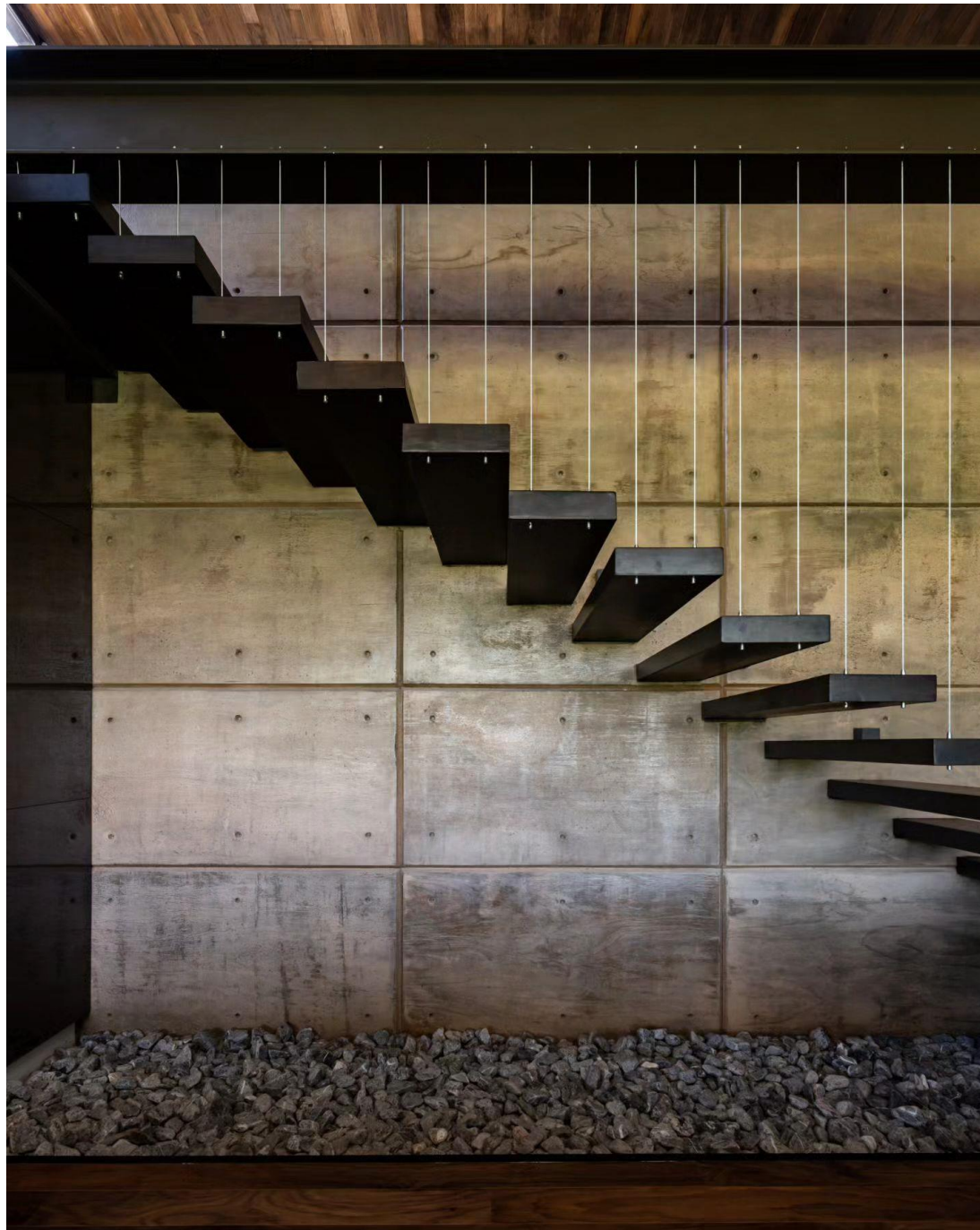
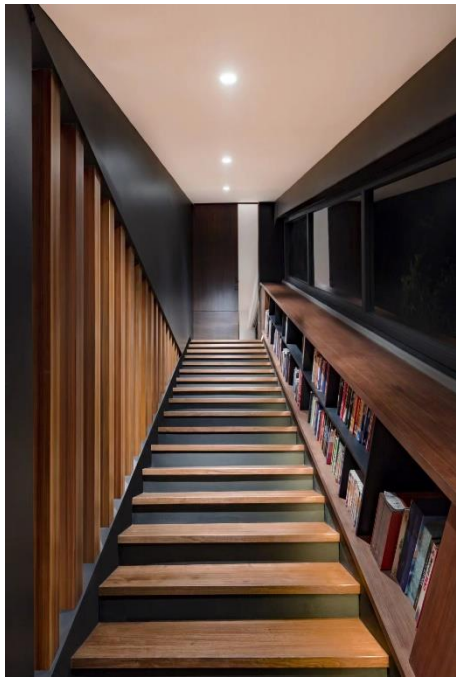
Max Stair Width
 2500 mm

Going
 from 220 to 350 mm

Waist
 from 140 to 240 mm







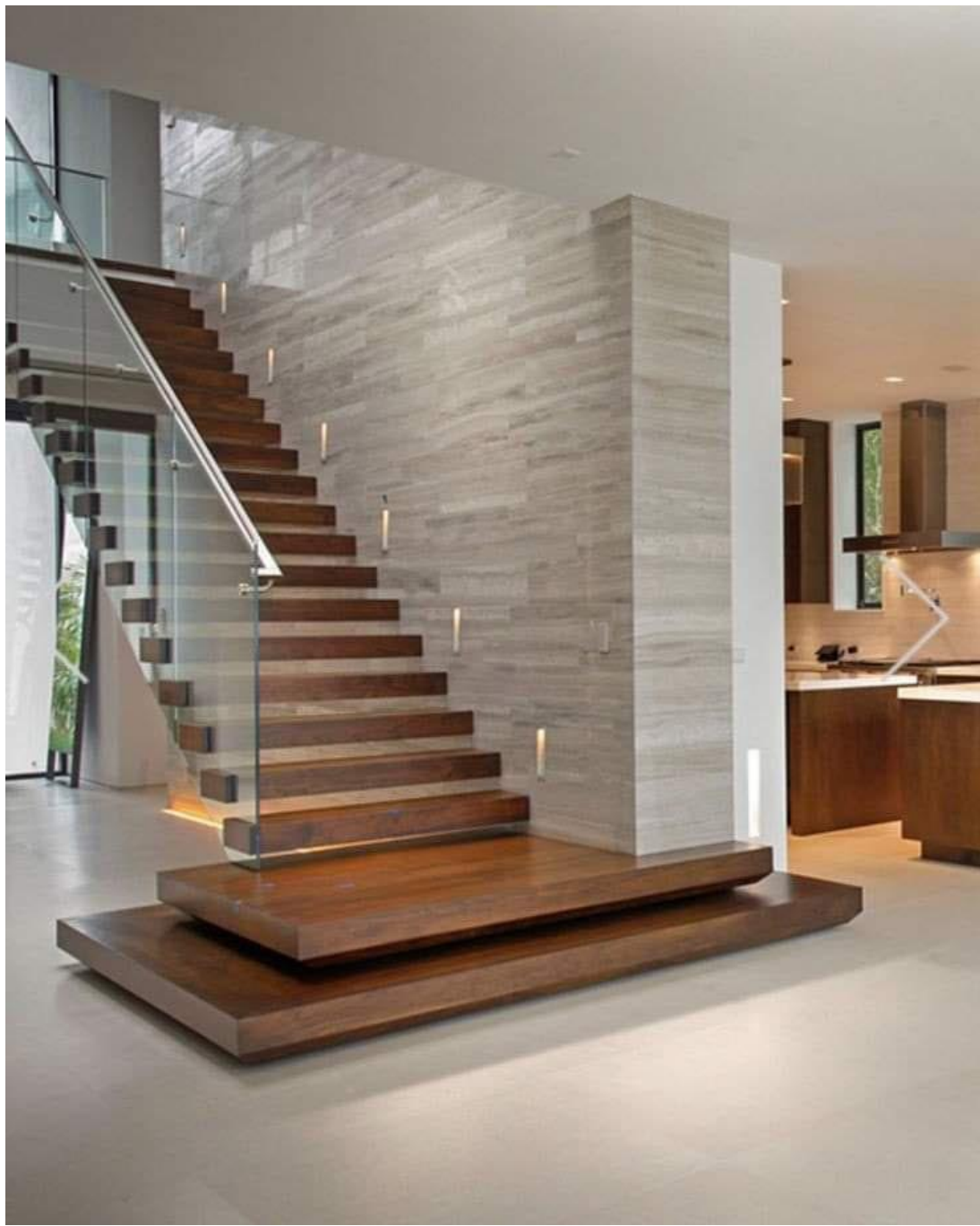




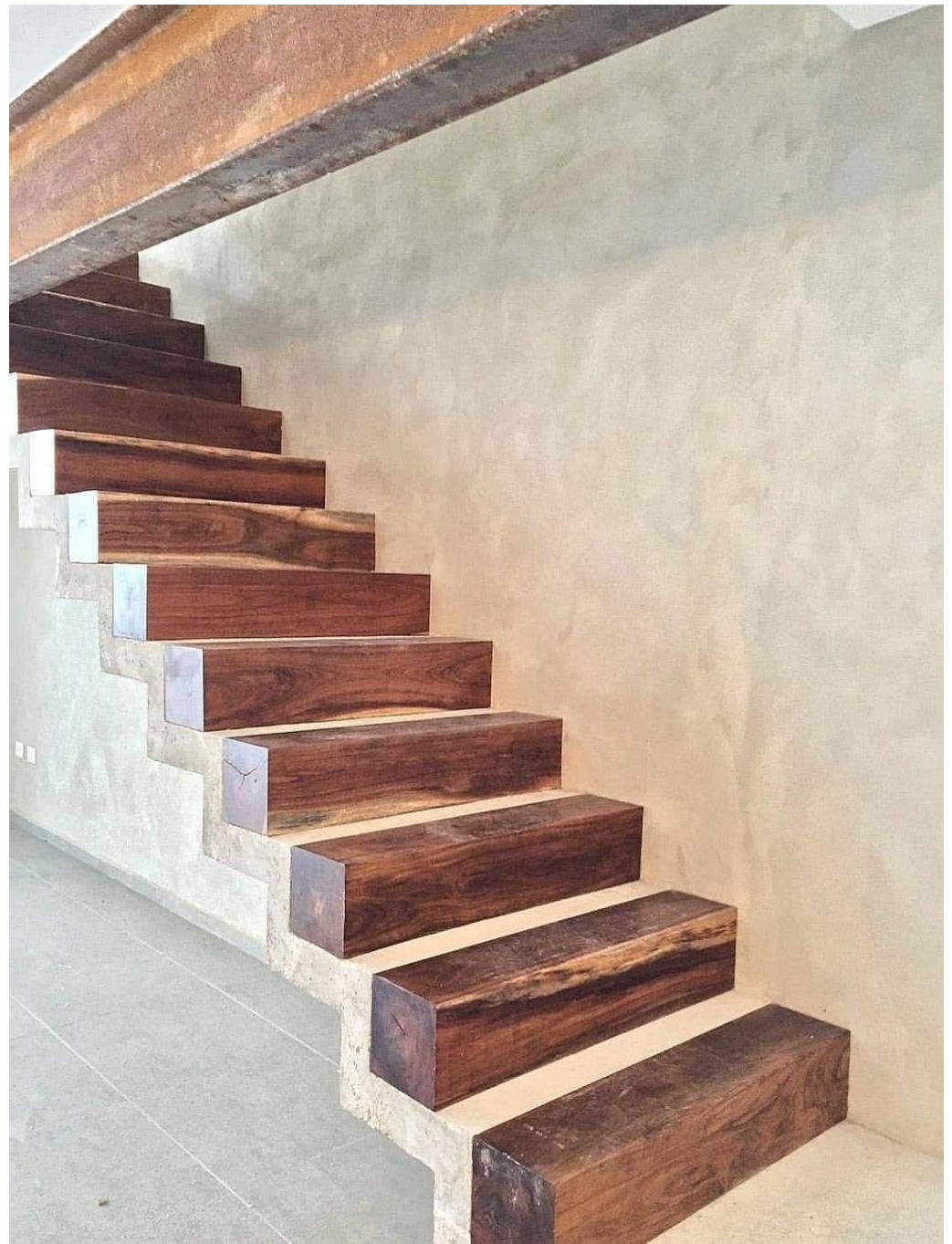










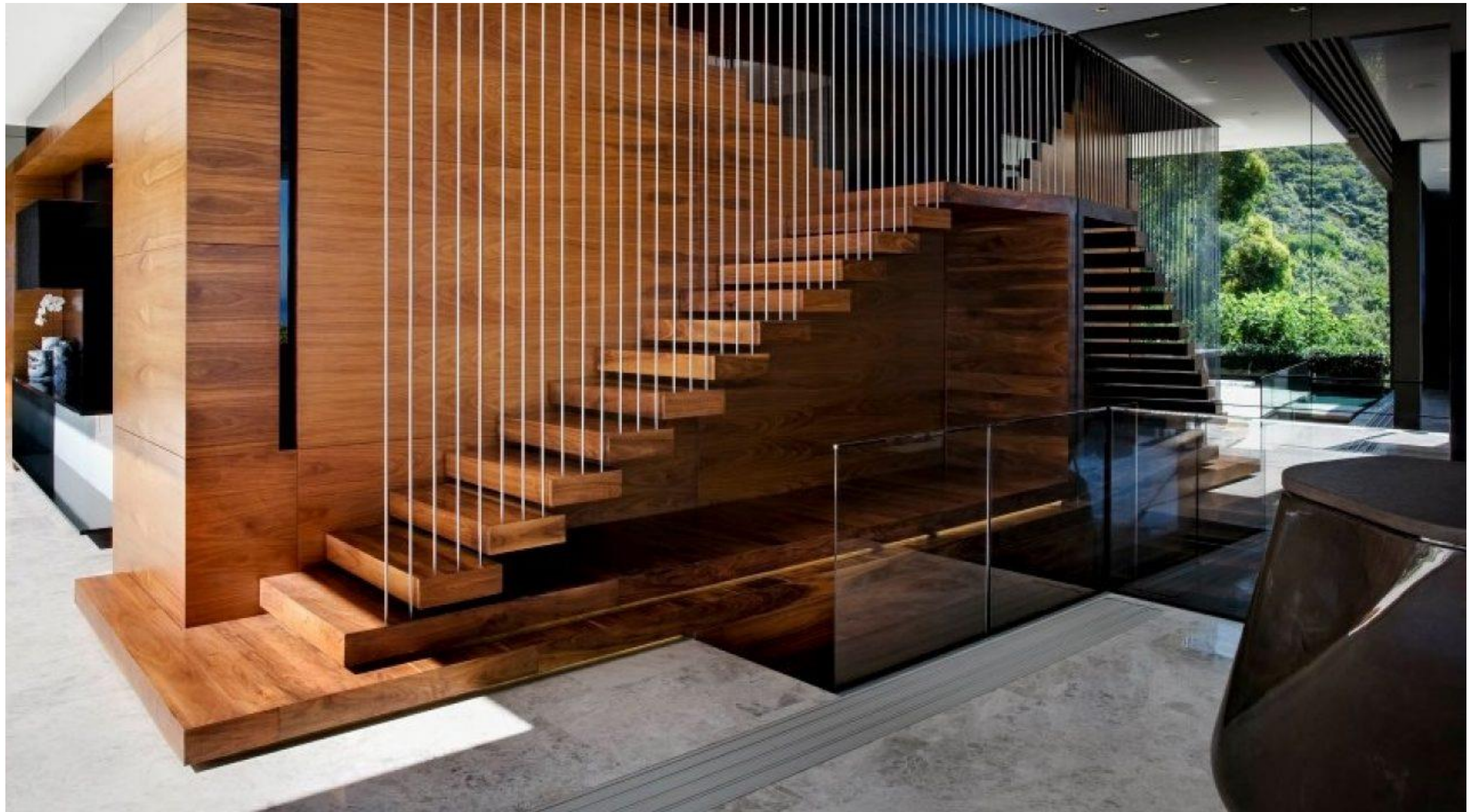






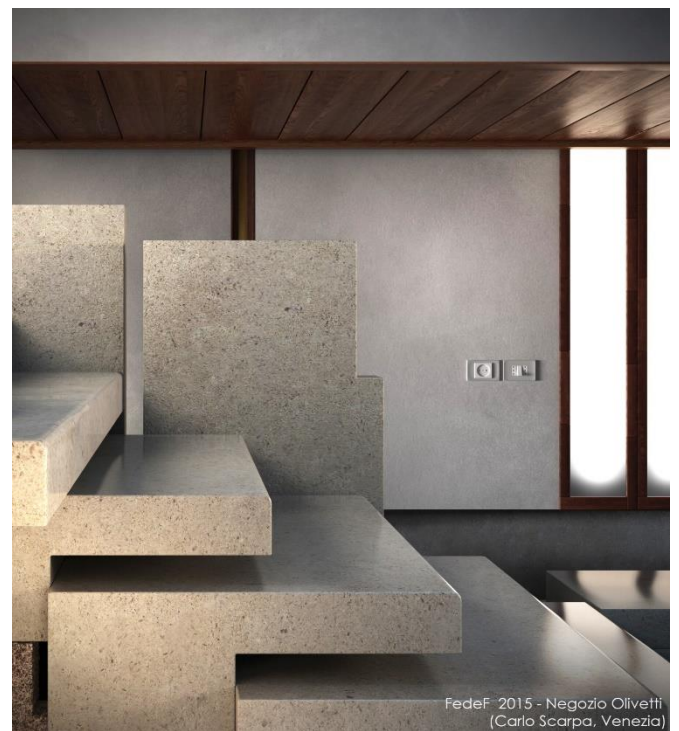


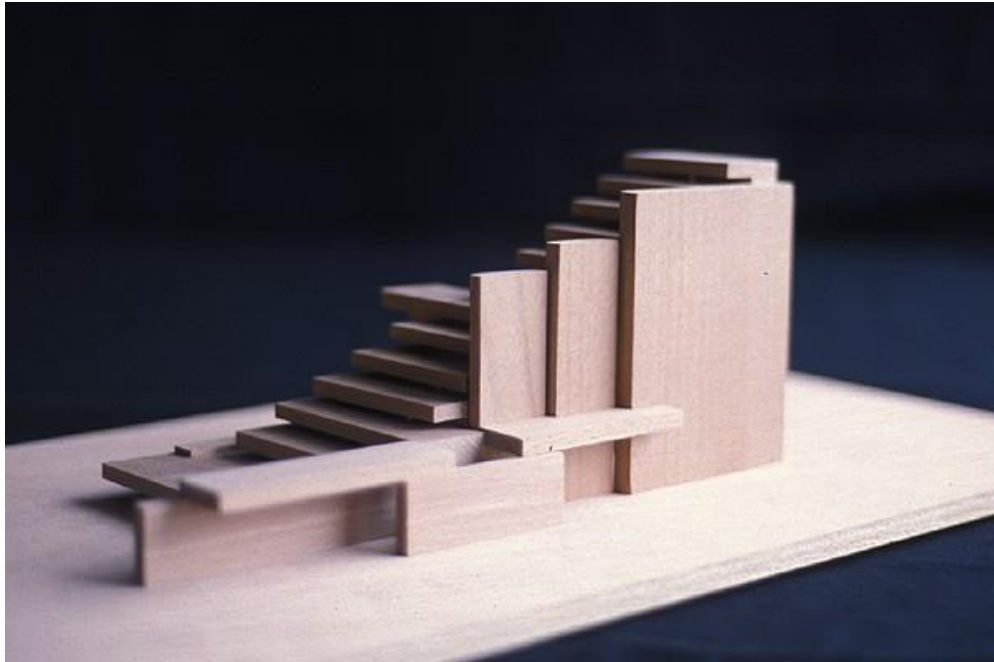






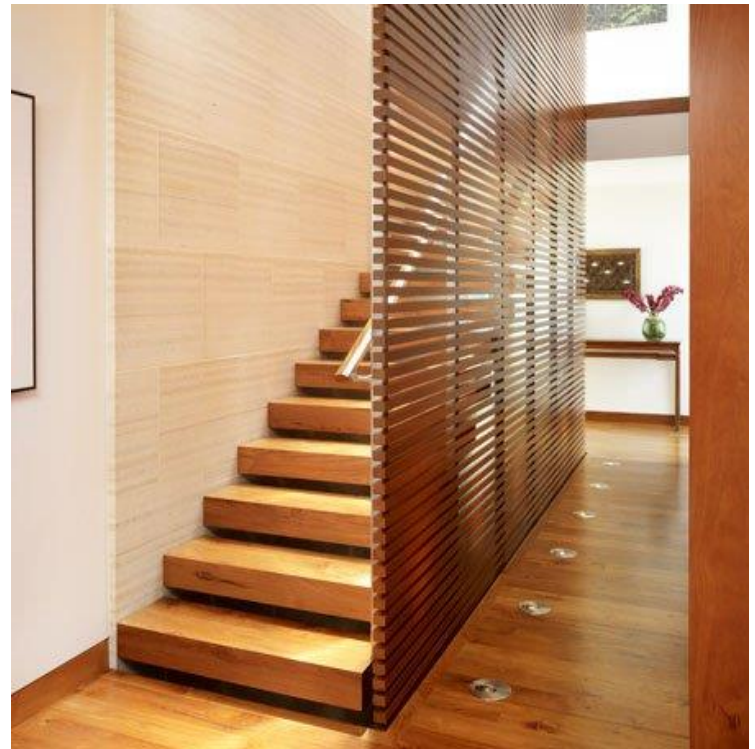


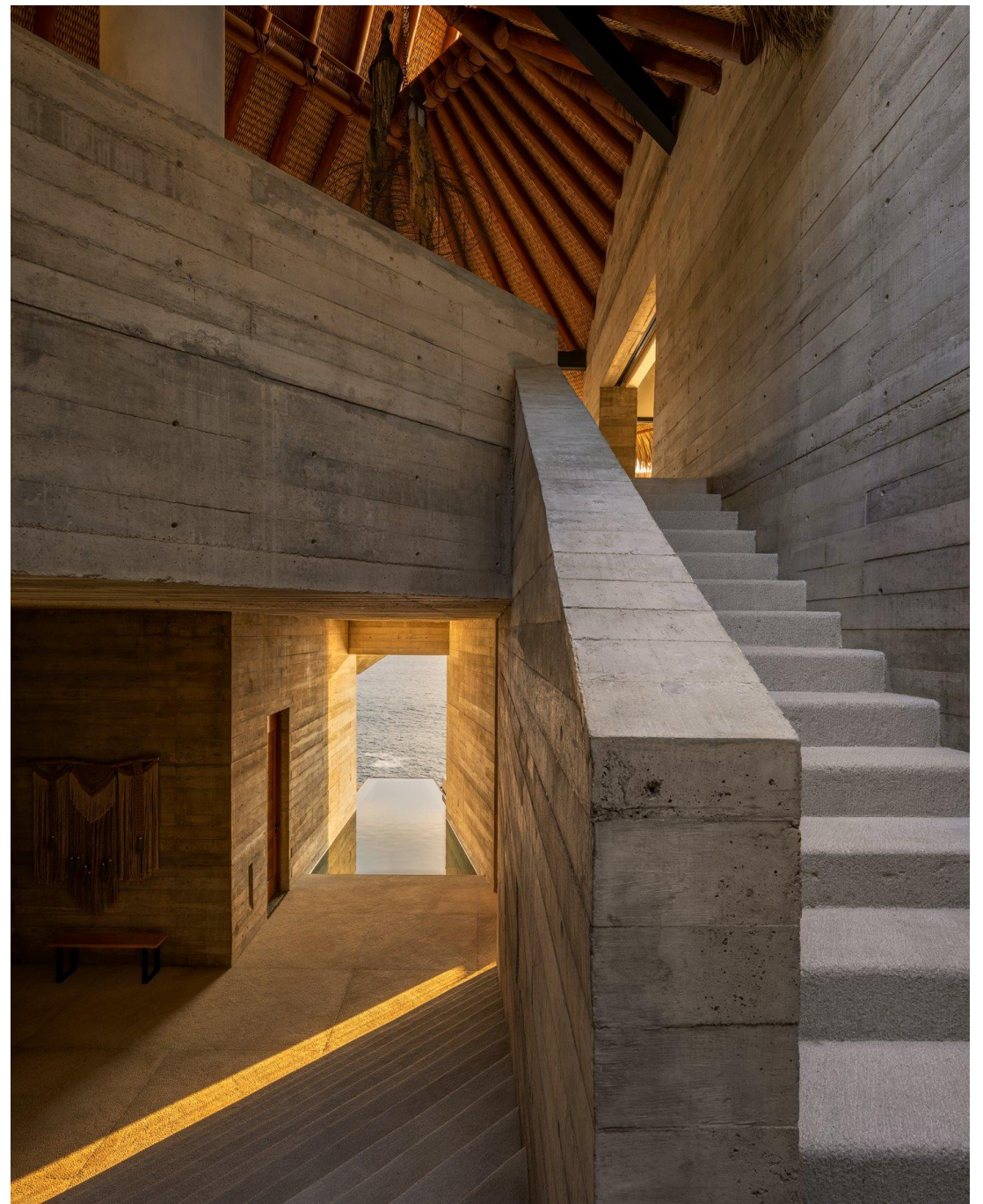




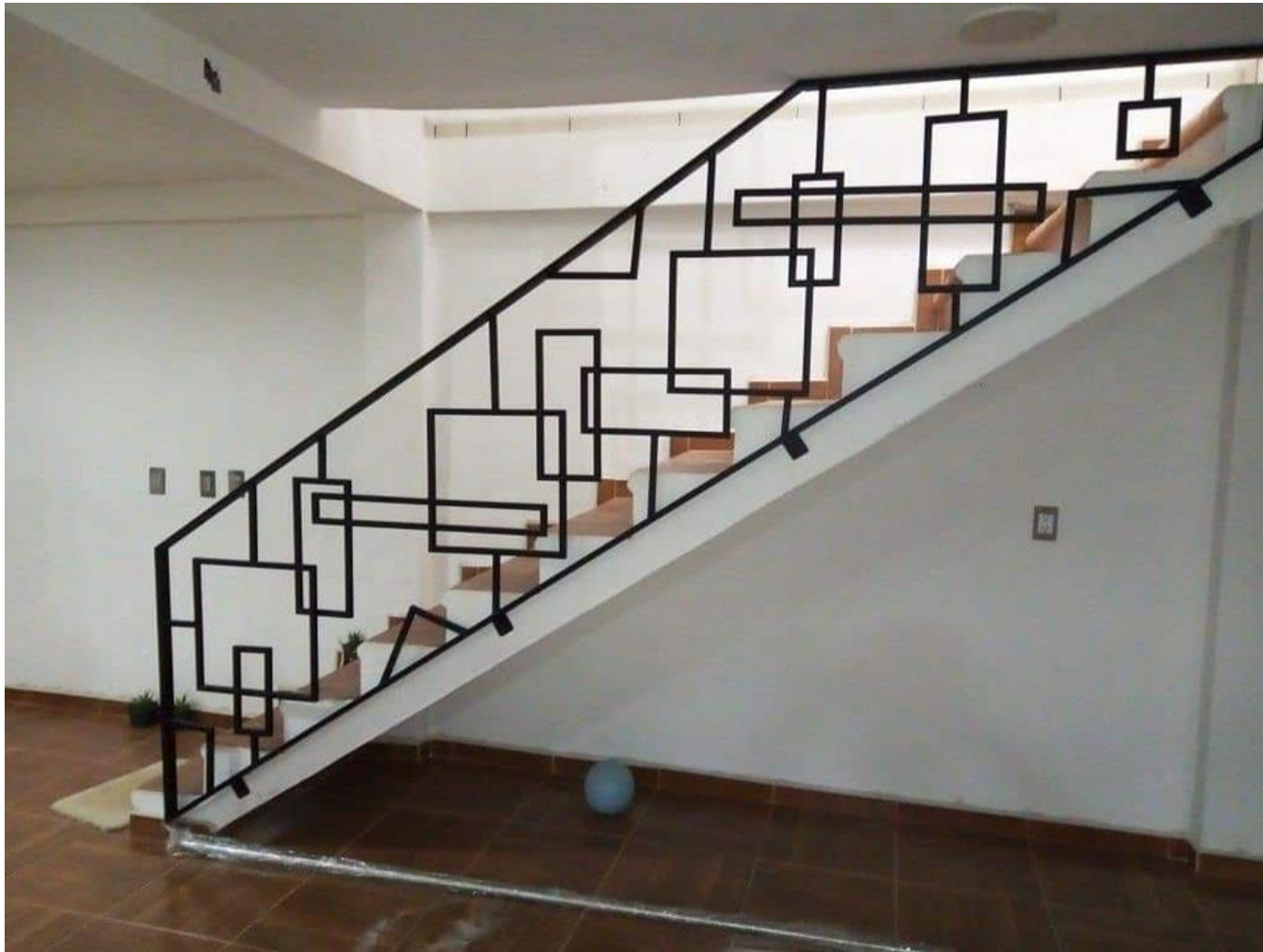


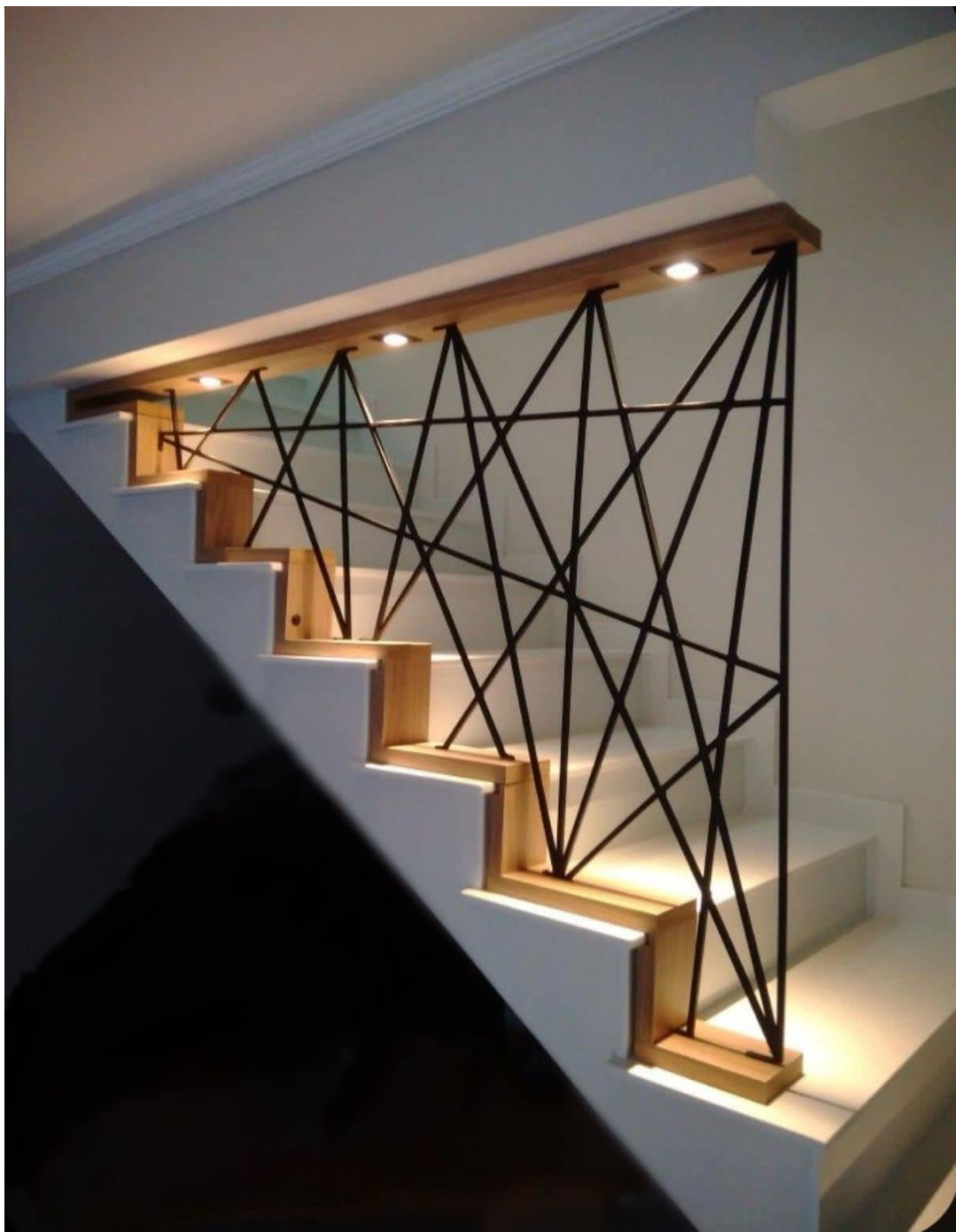


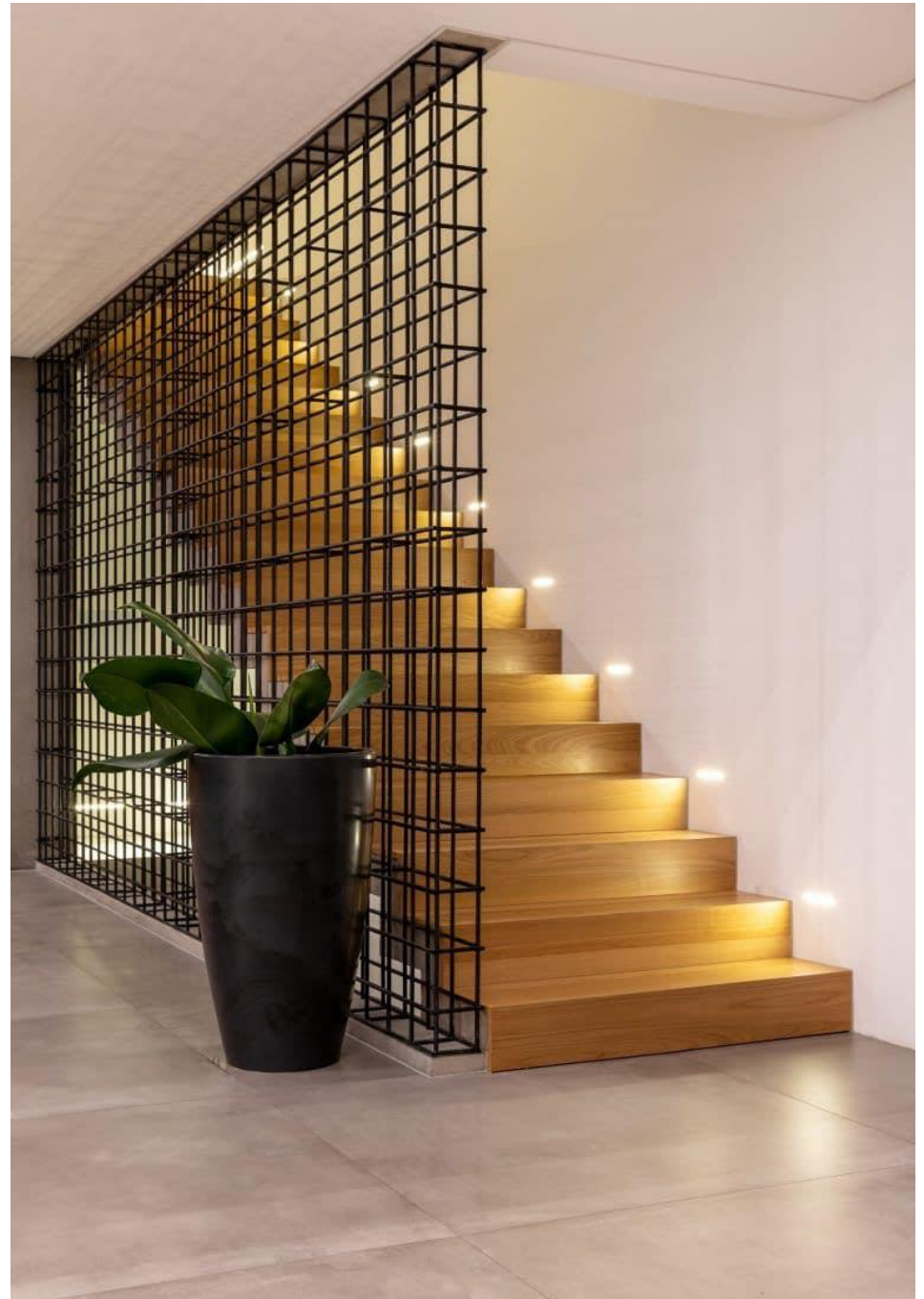


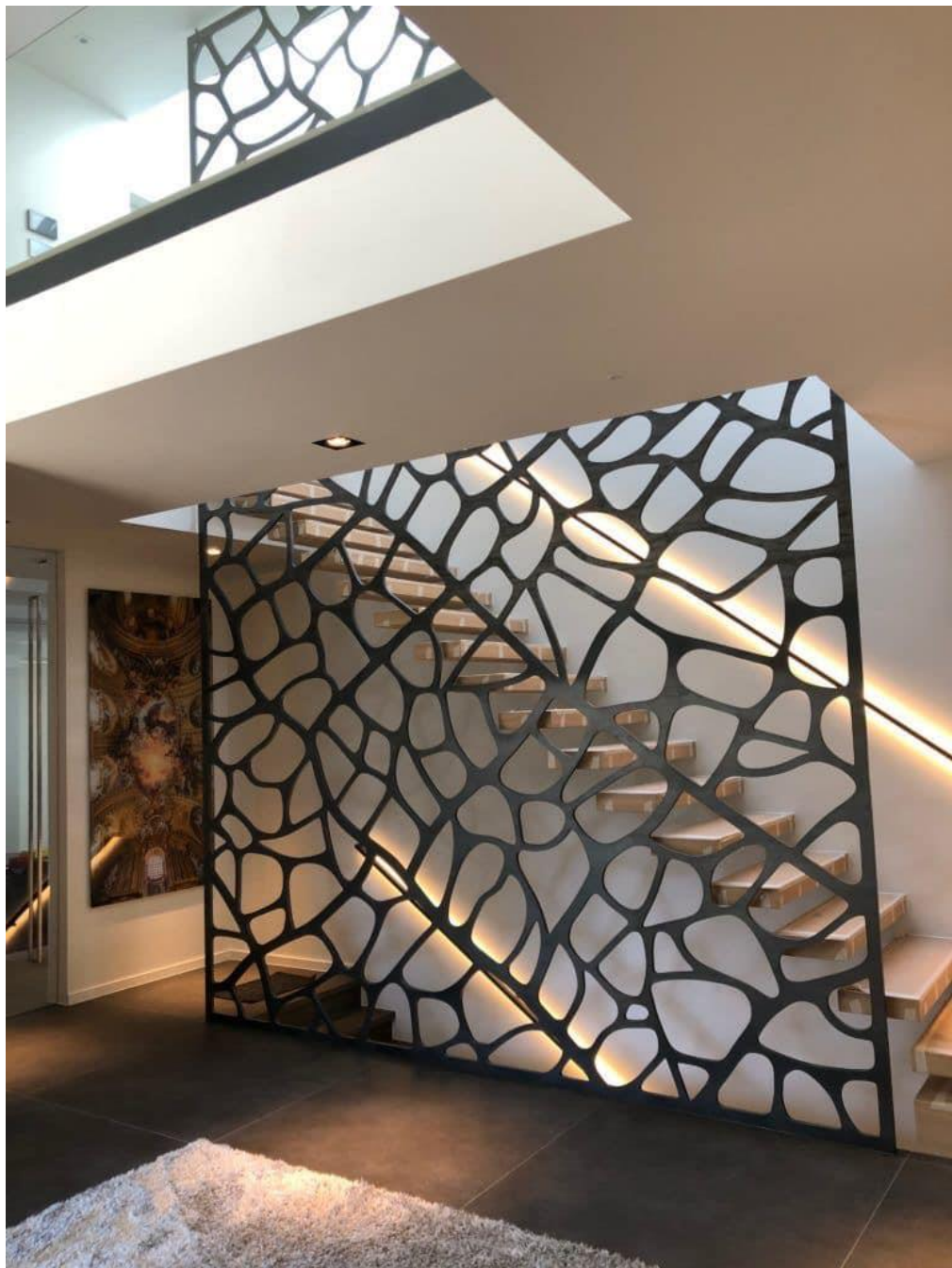




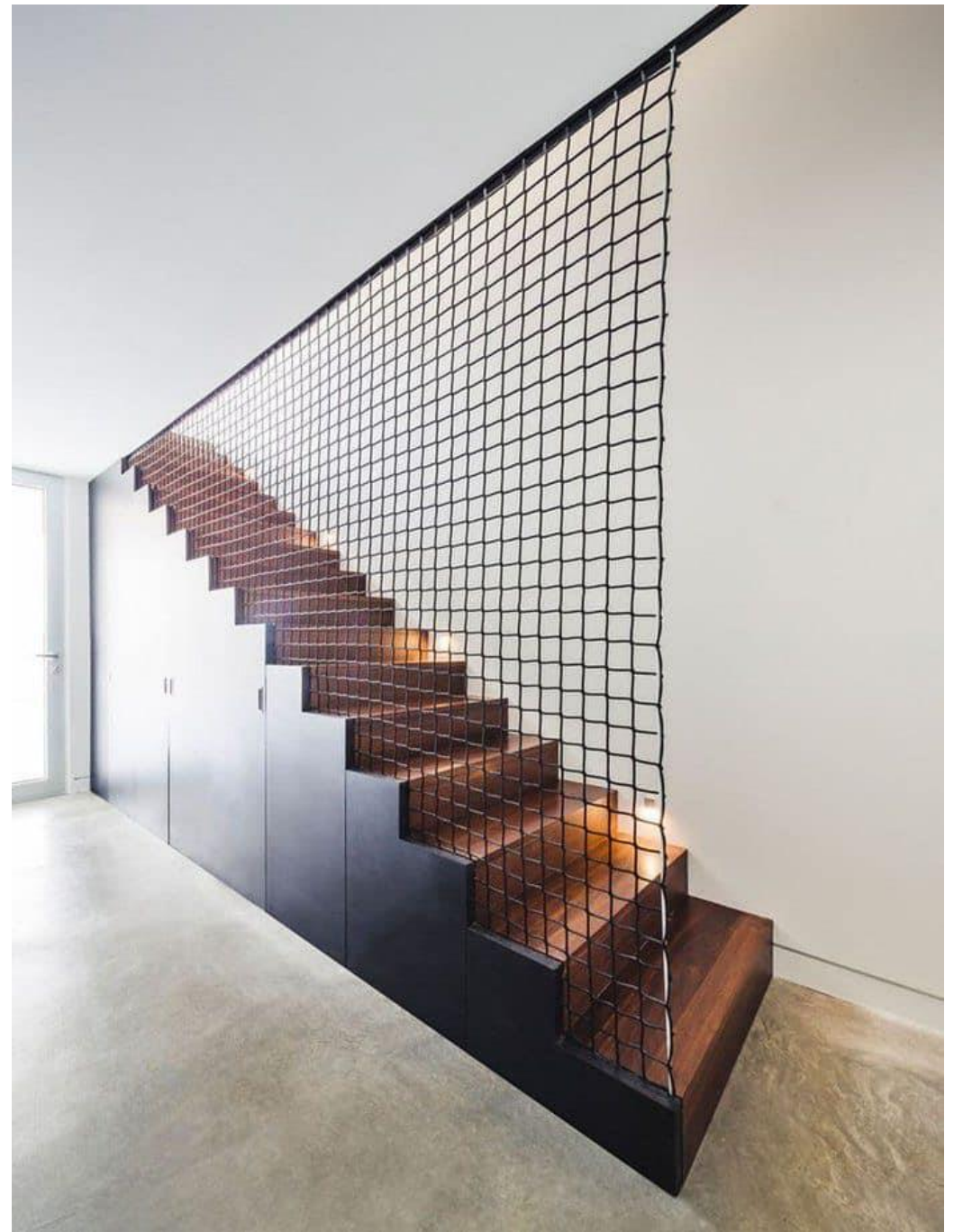




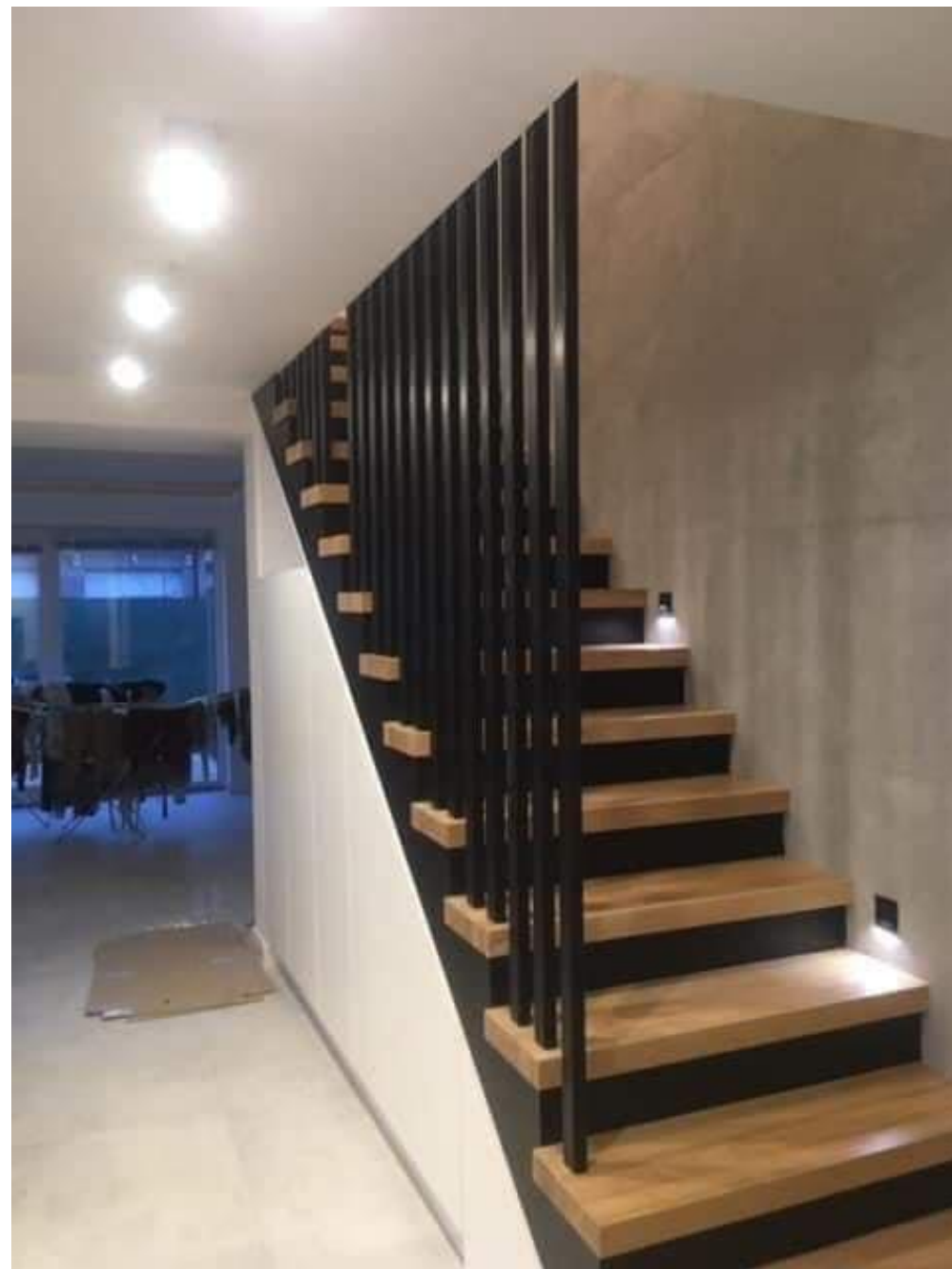






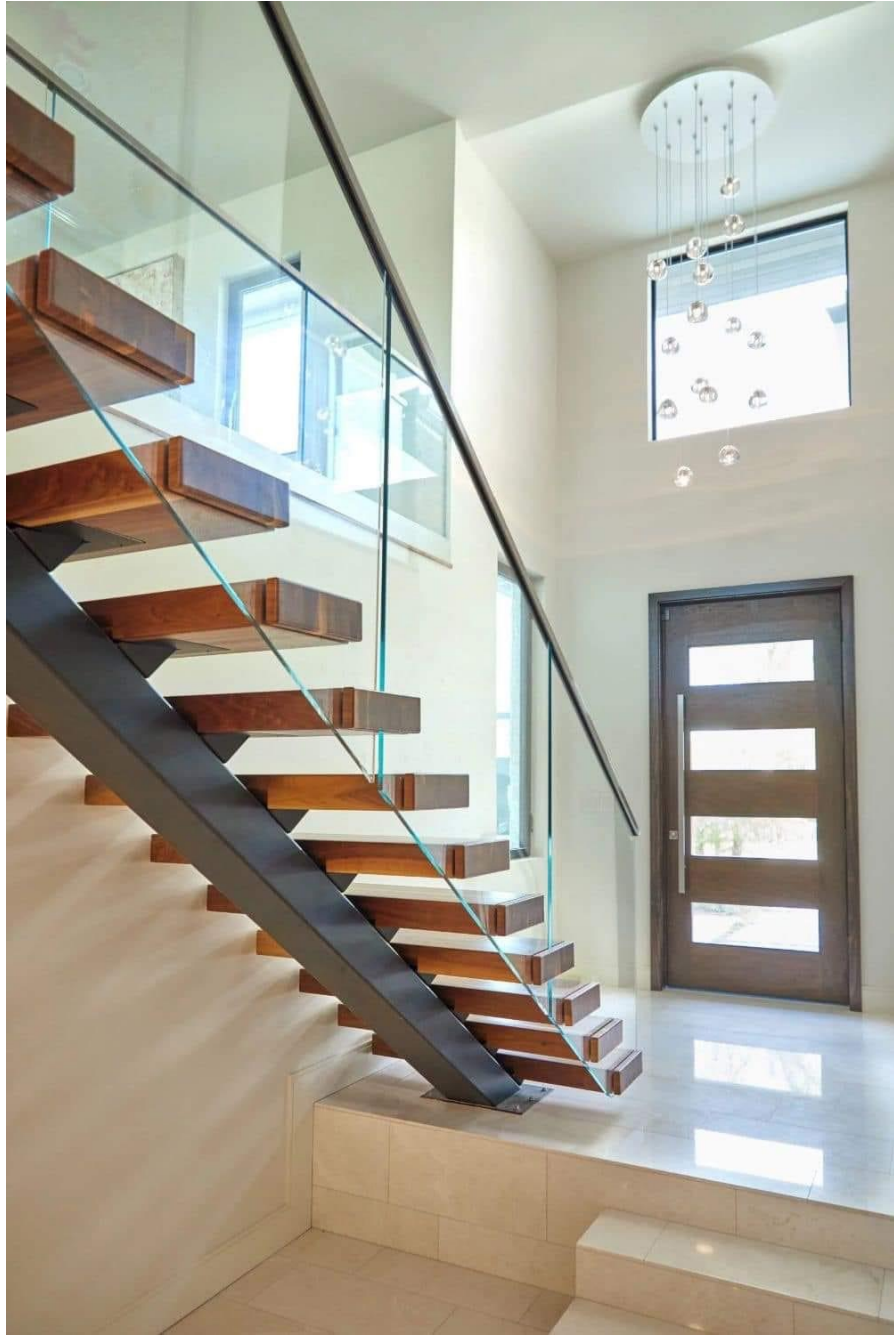








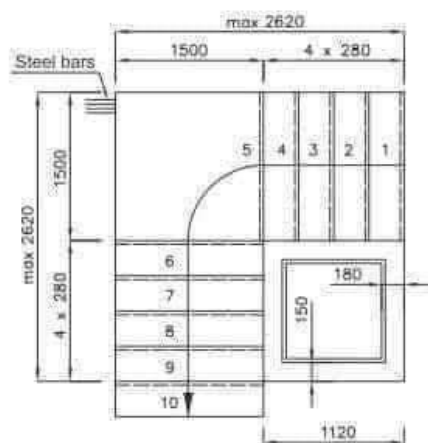
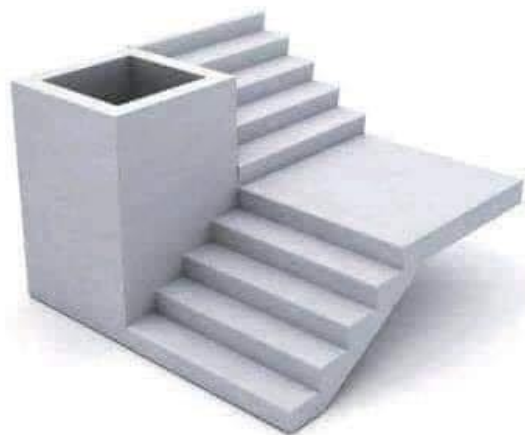








DE DOS TRAMOS



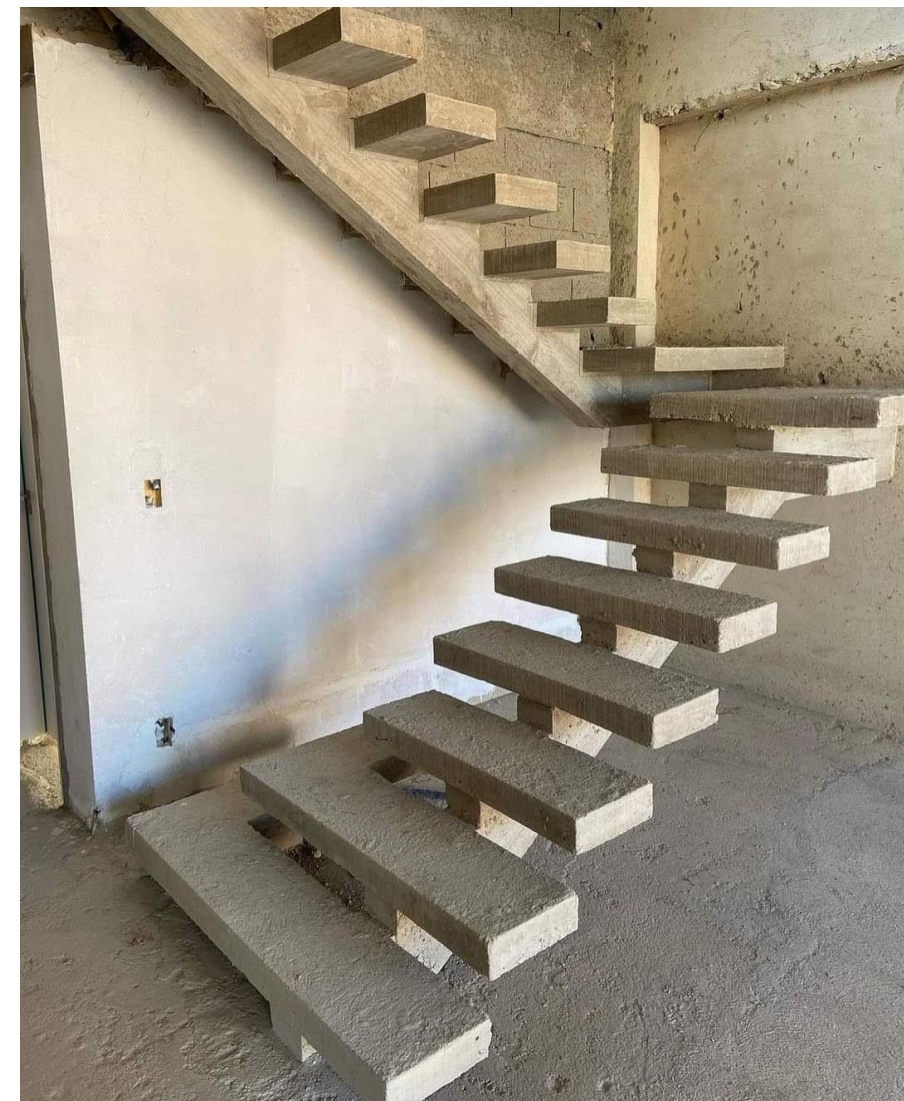
Risers
from 150 to 180 mm

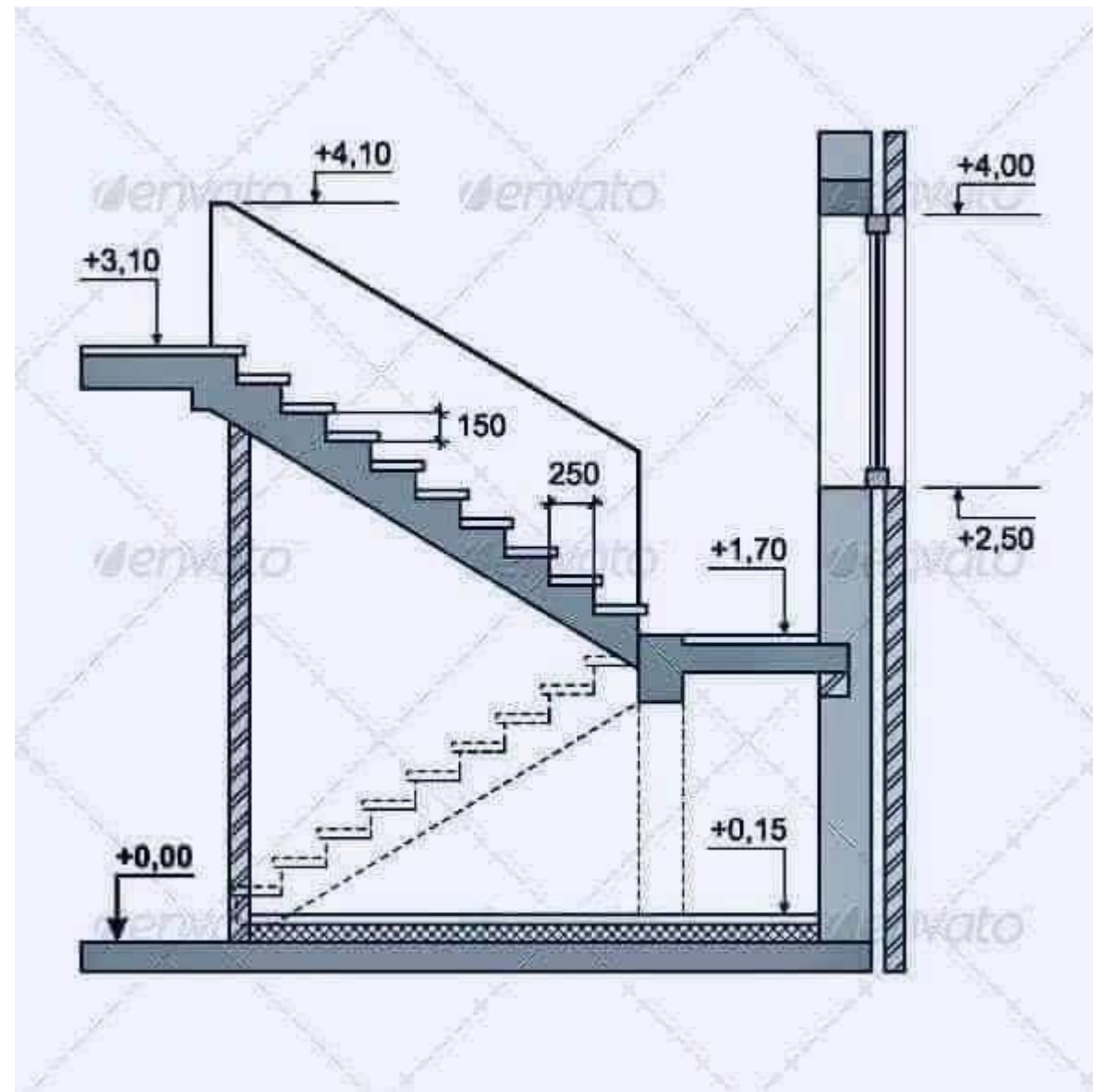
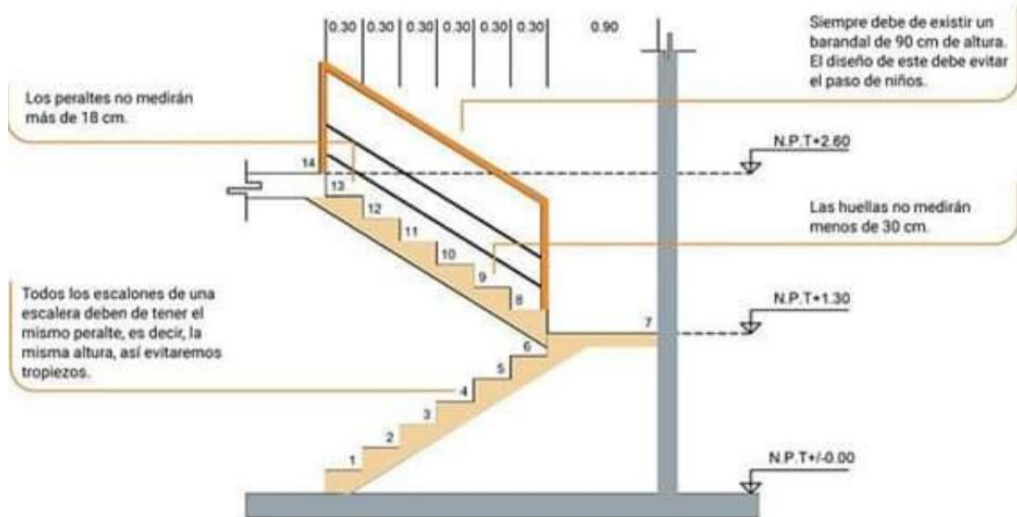
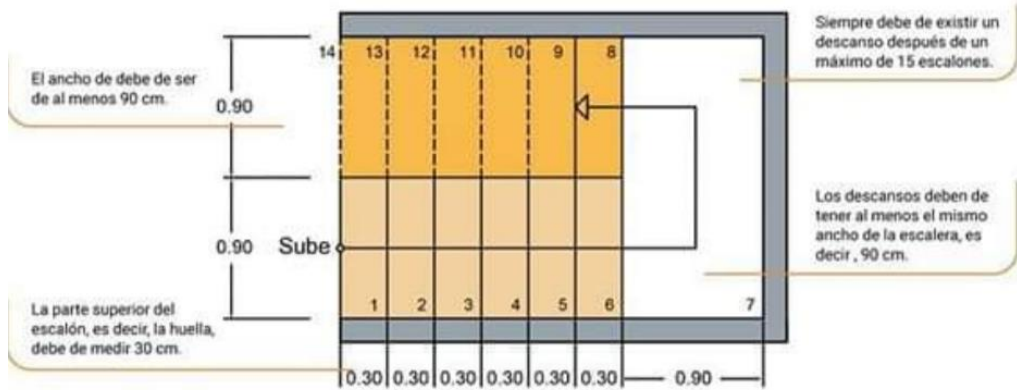
Max Stair Width
1500 mm

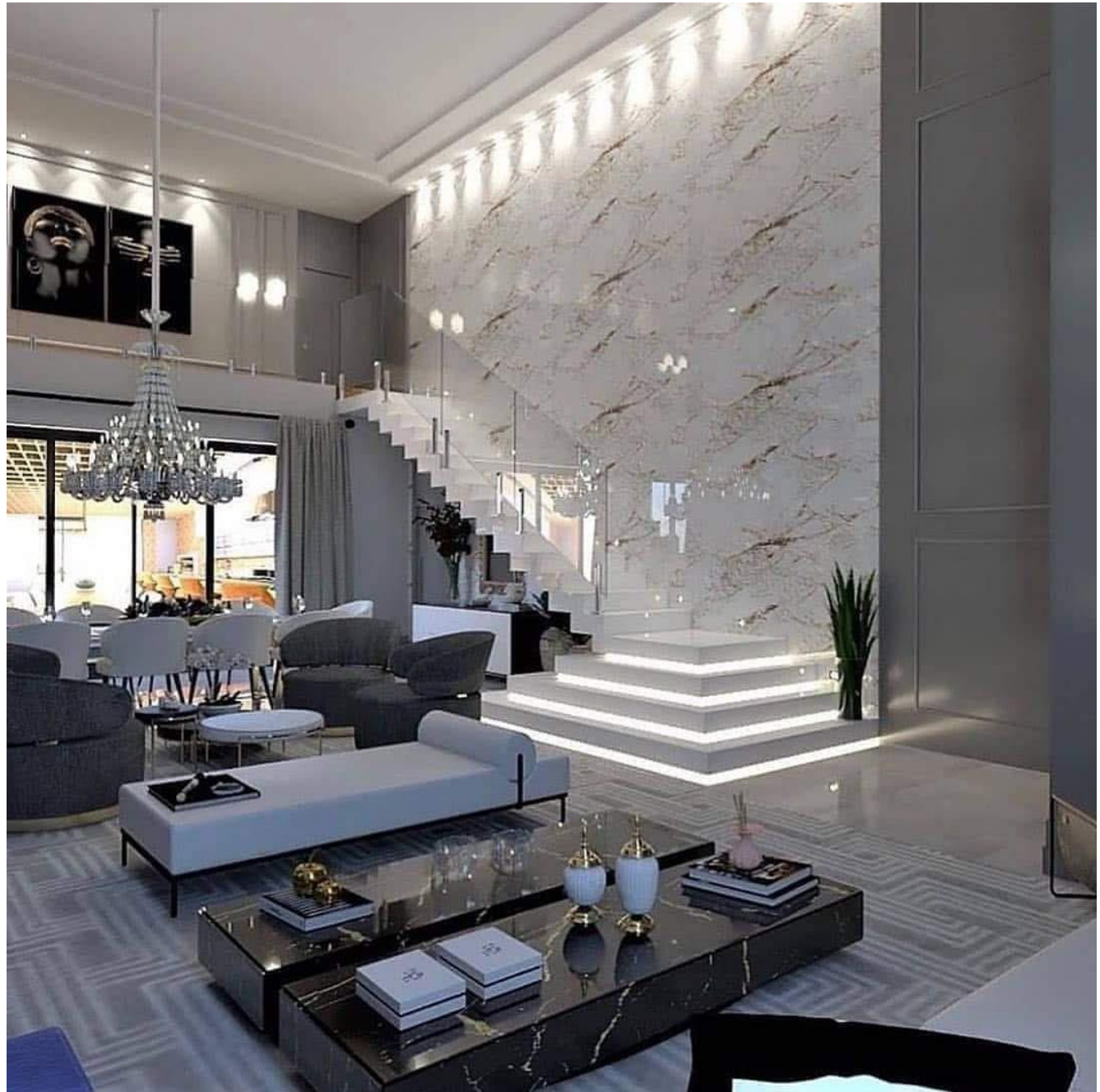
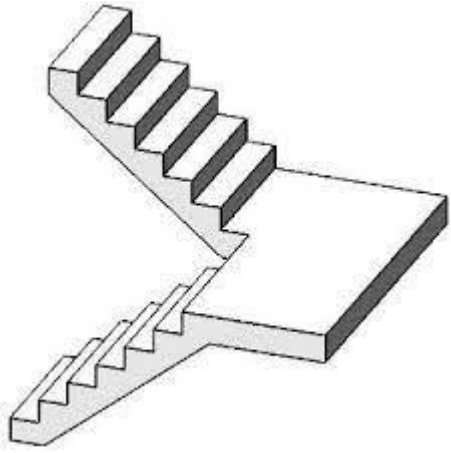
Going
≥ 280 mm

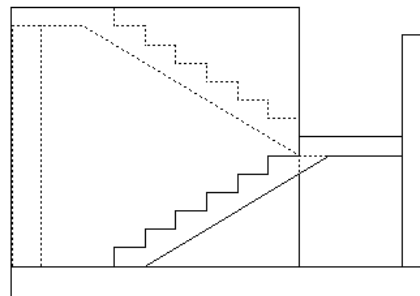
Weight (max)
4800 kg

Rotation
Left

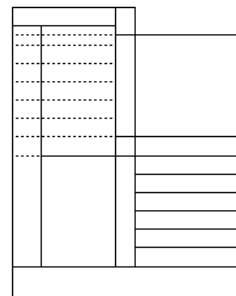




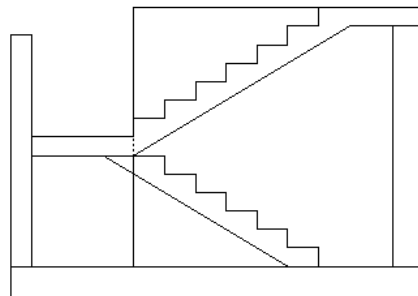




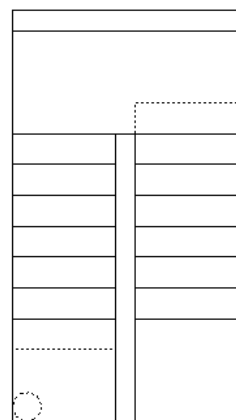
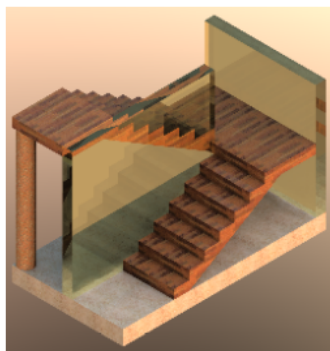
ALZADO DERECHO



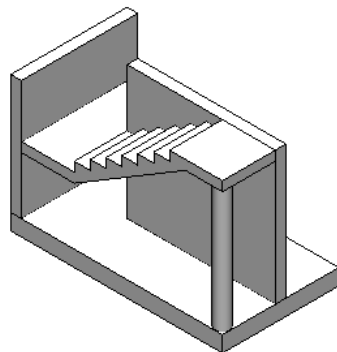
ALZADO FRONTAL



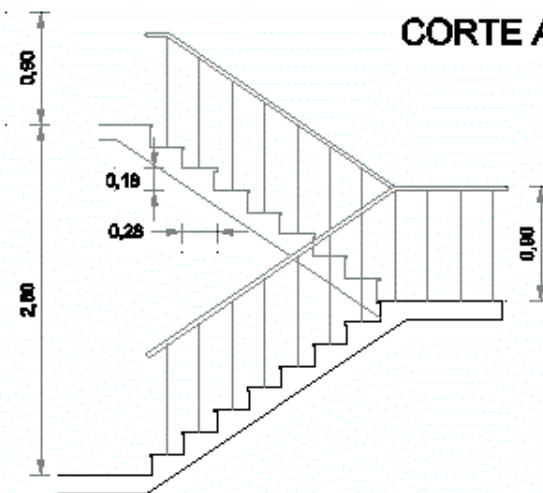
ALZADO IZQUIERDO



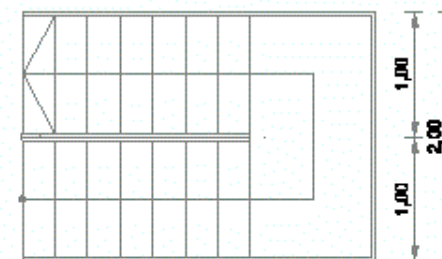
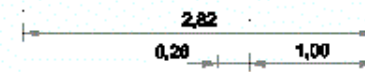
PLANTA



CORTE A-A

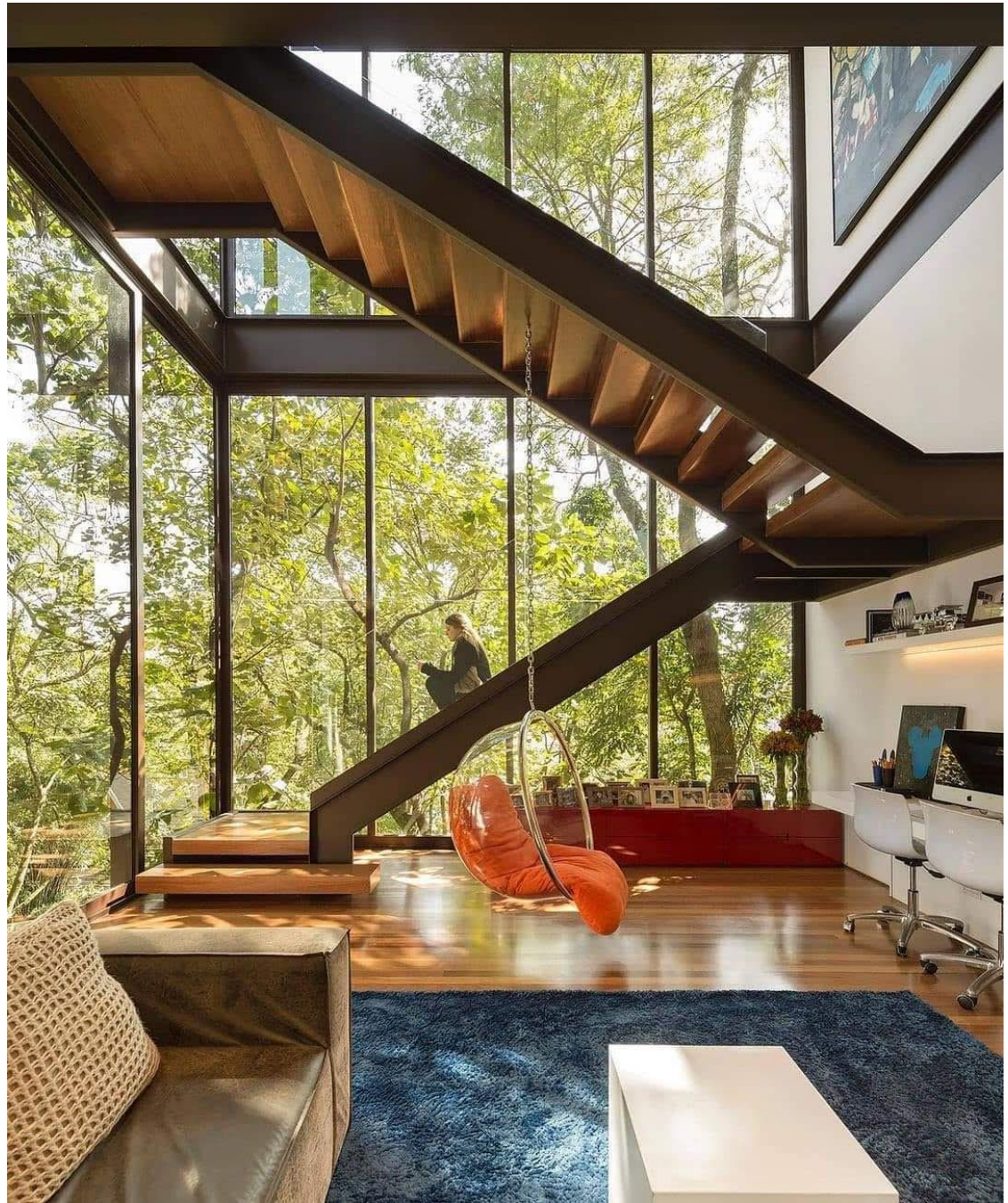
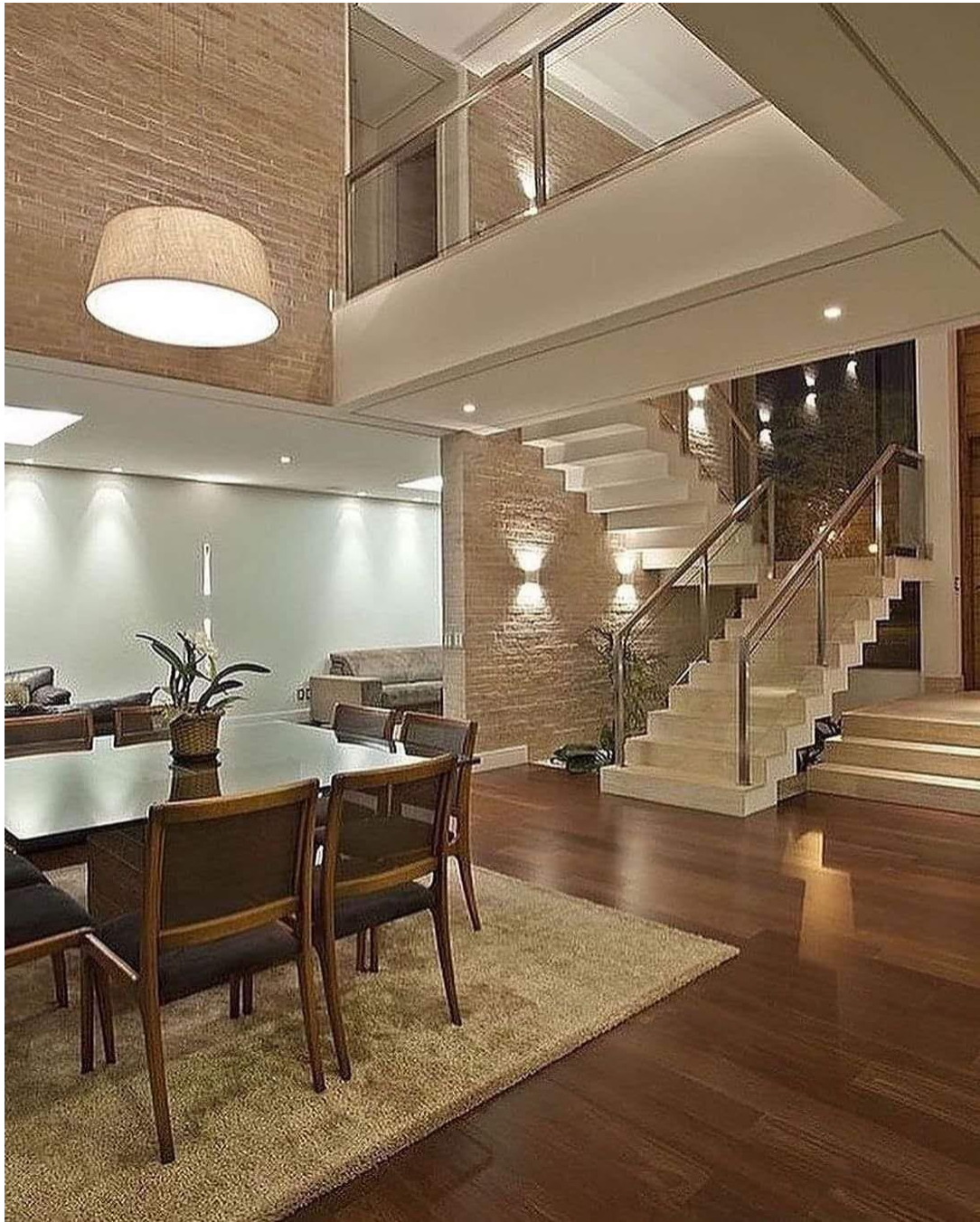


PLANTA

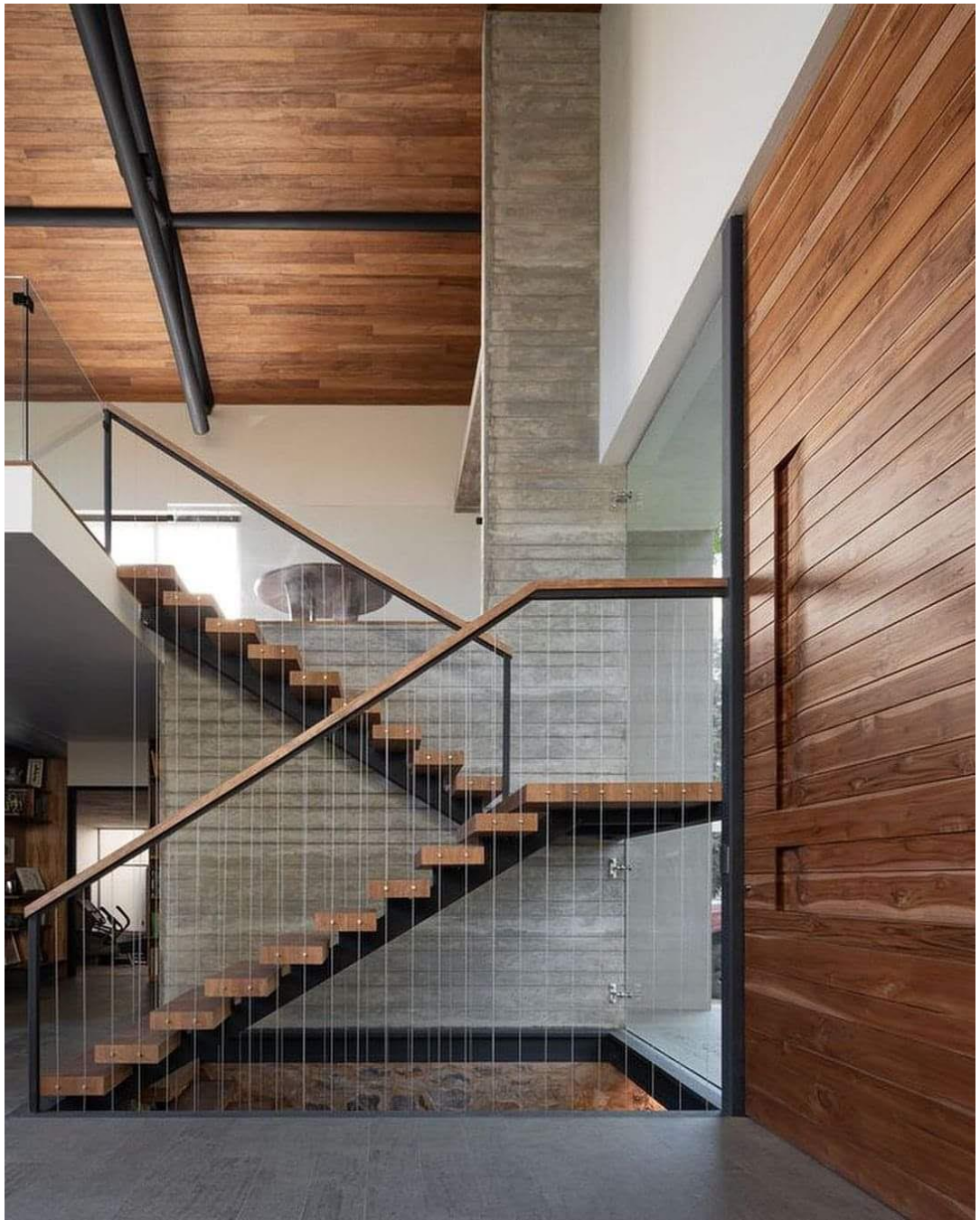


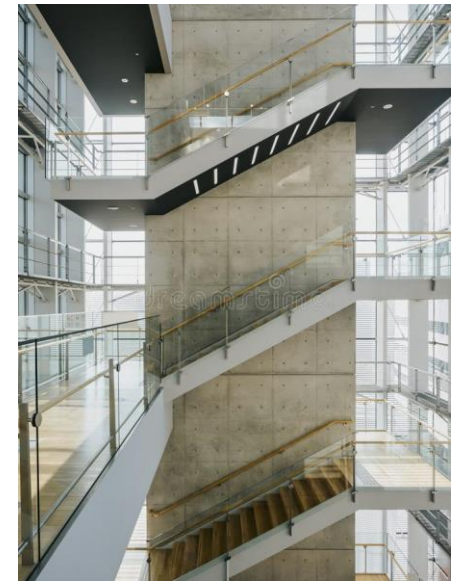
A

A

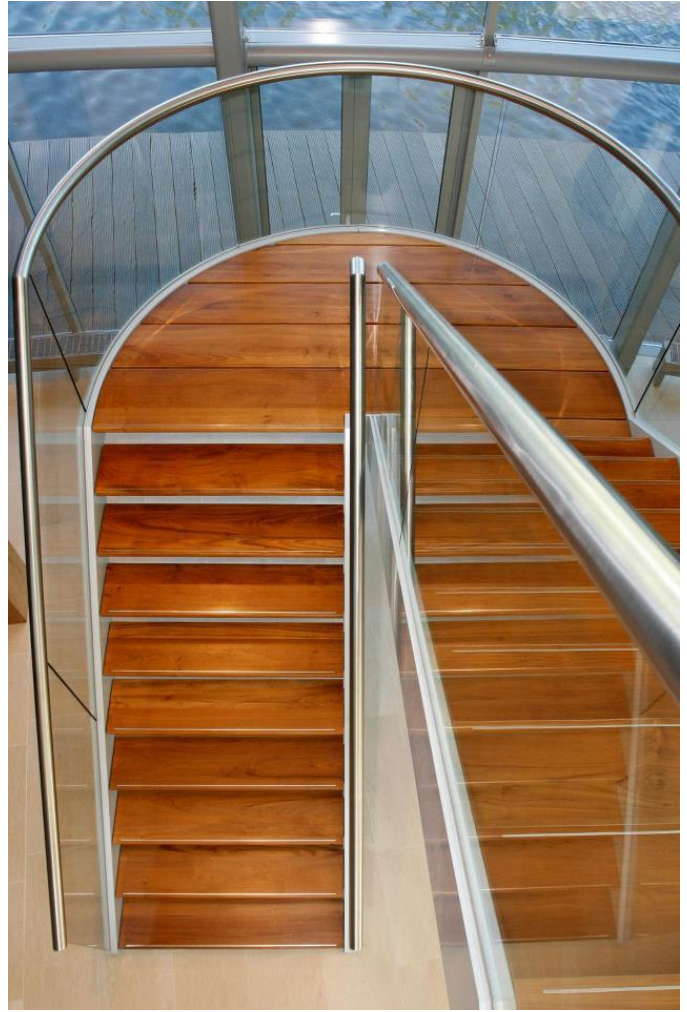




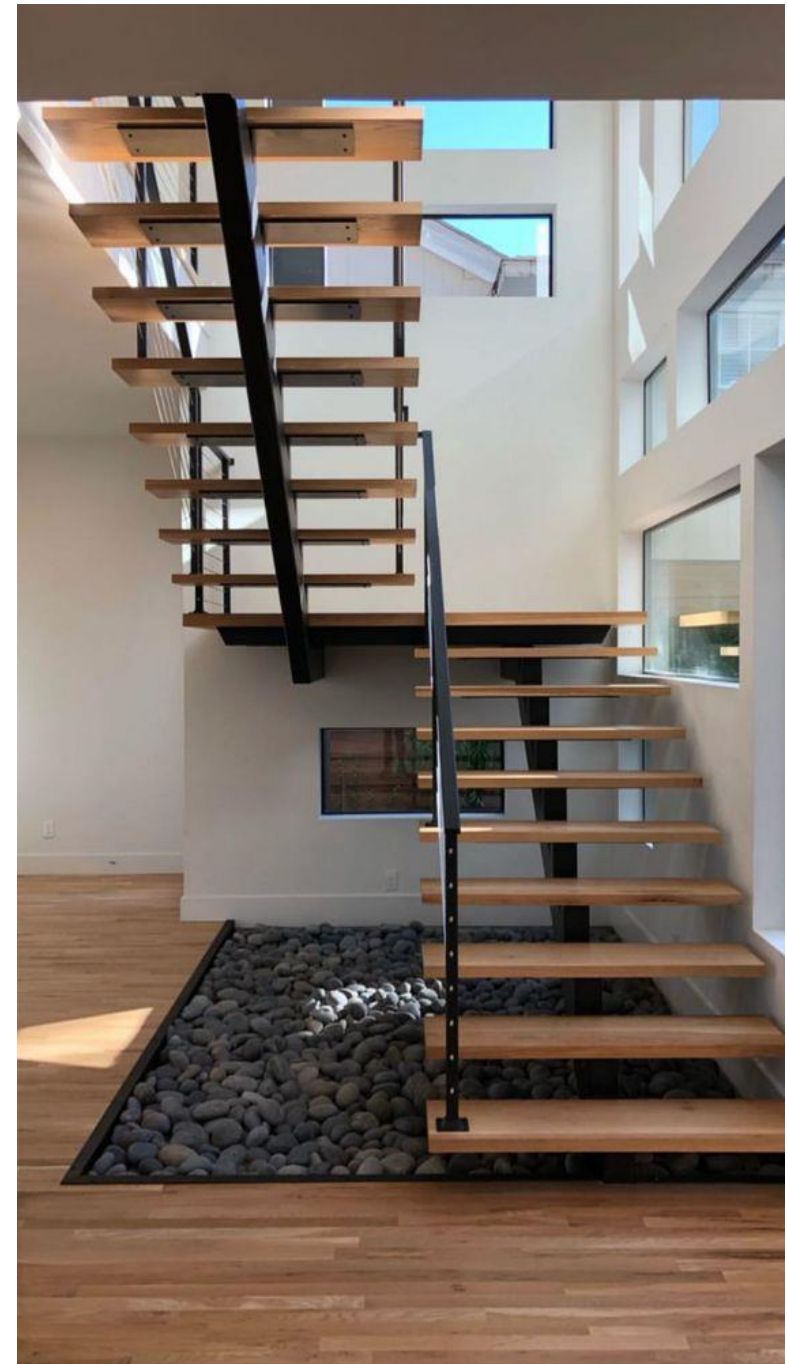
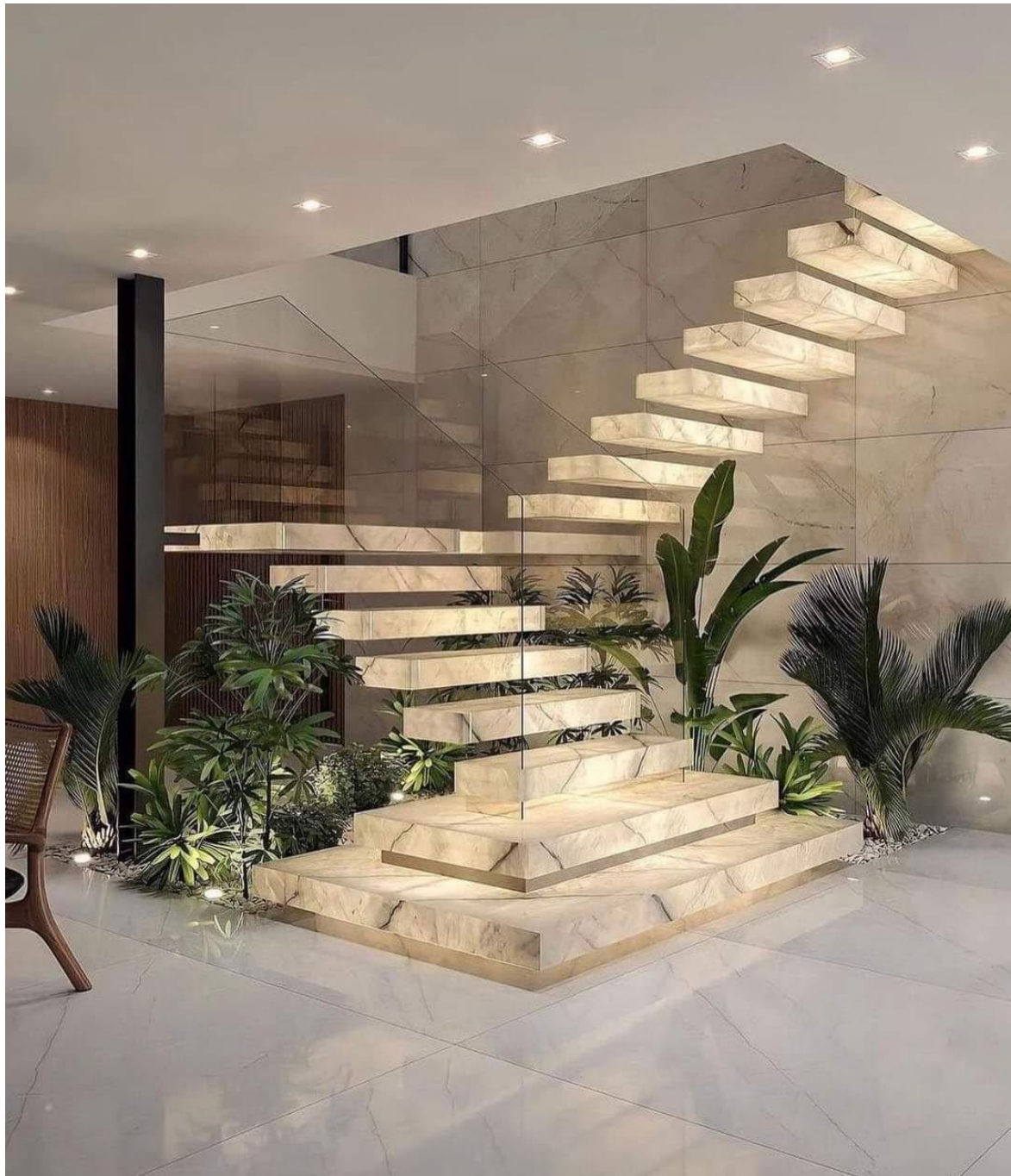








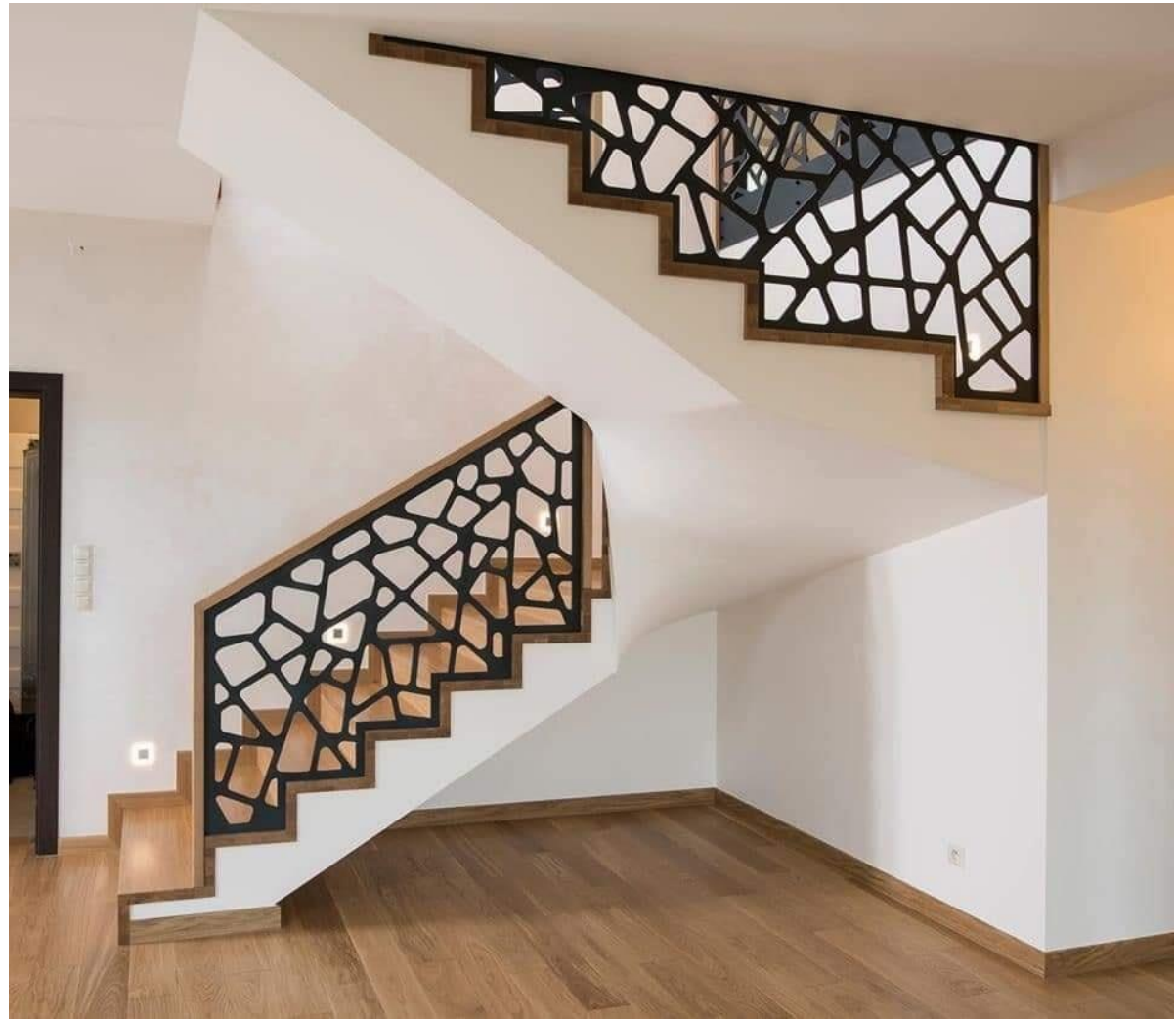
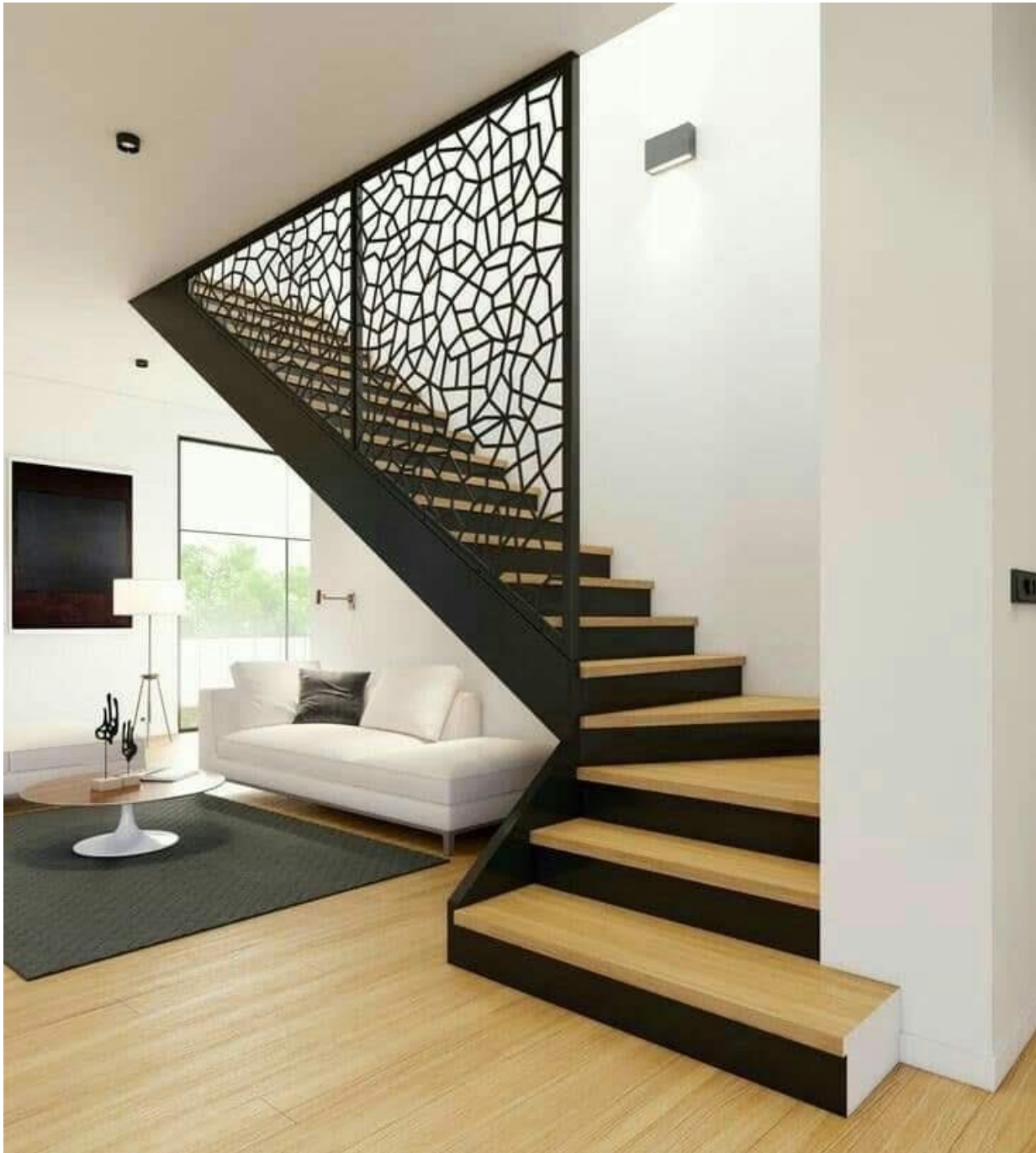




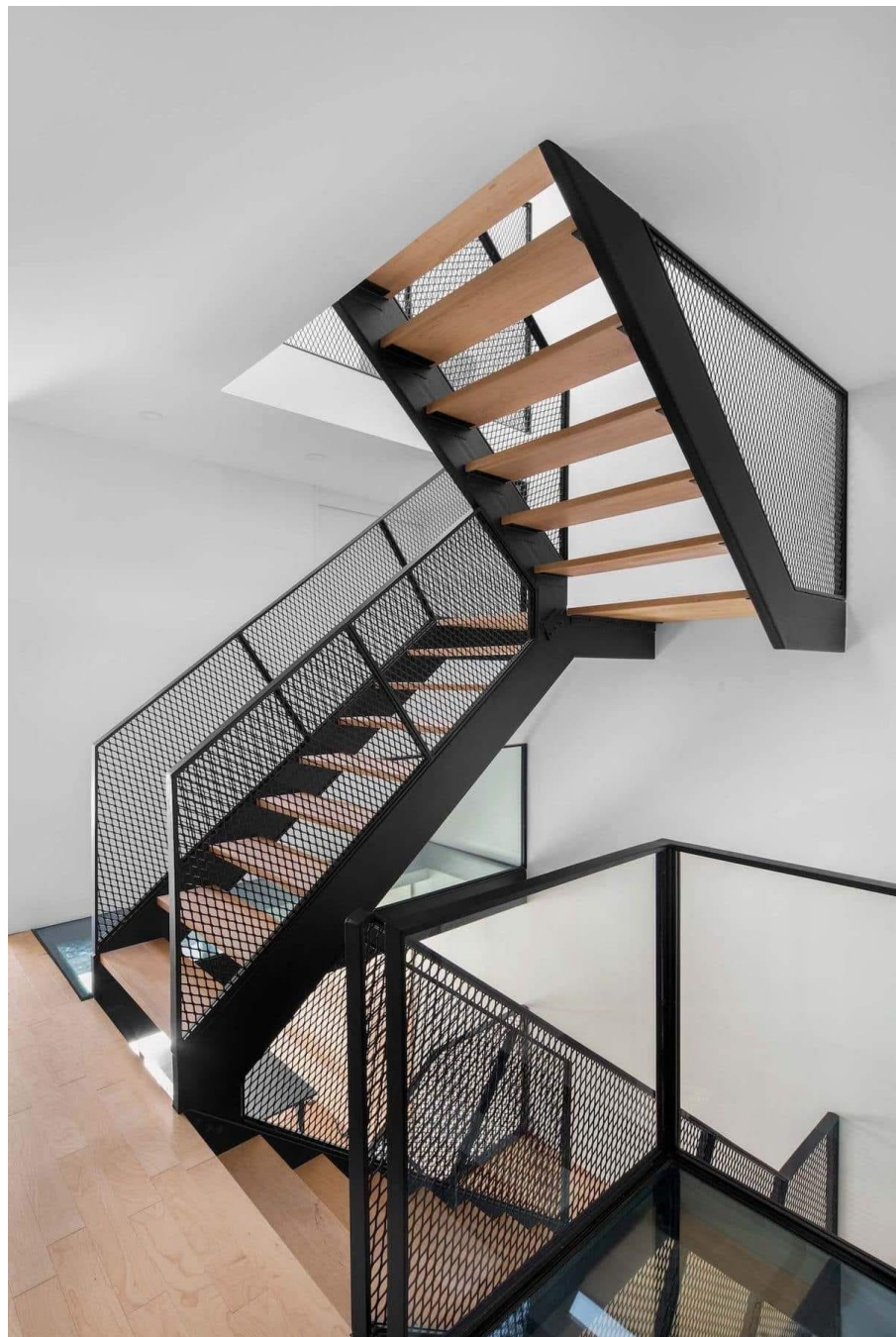


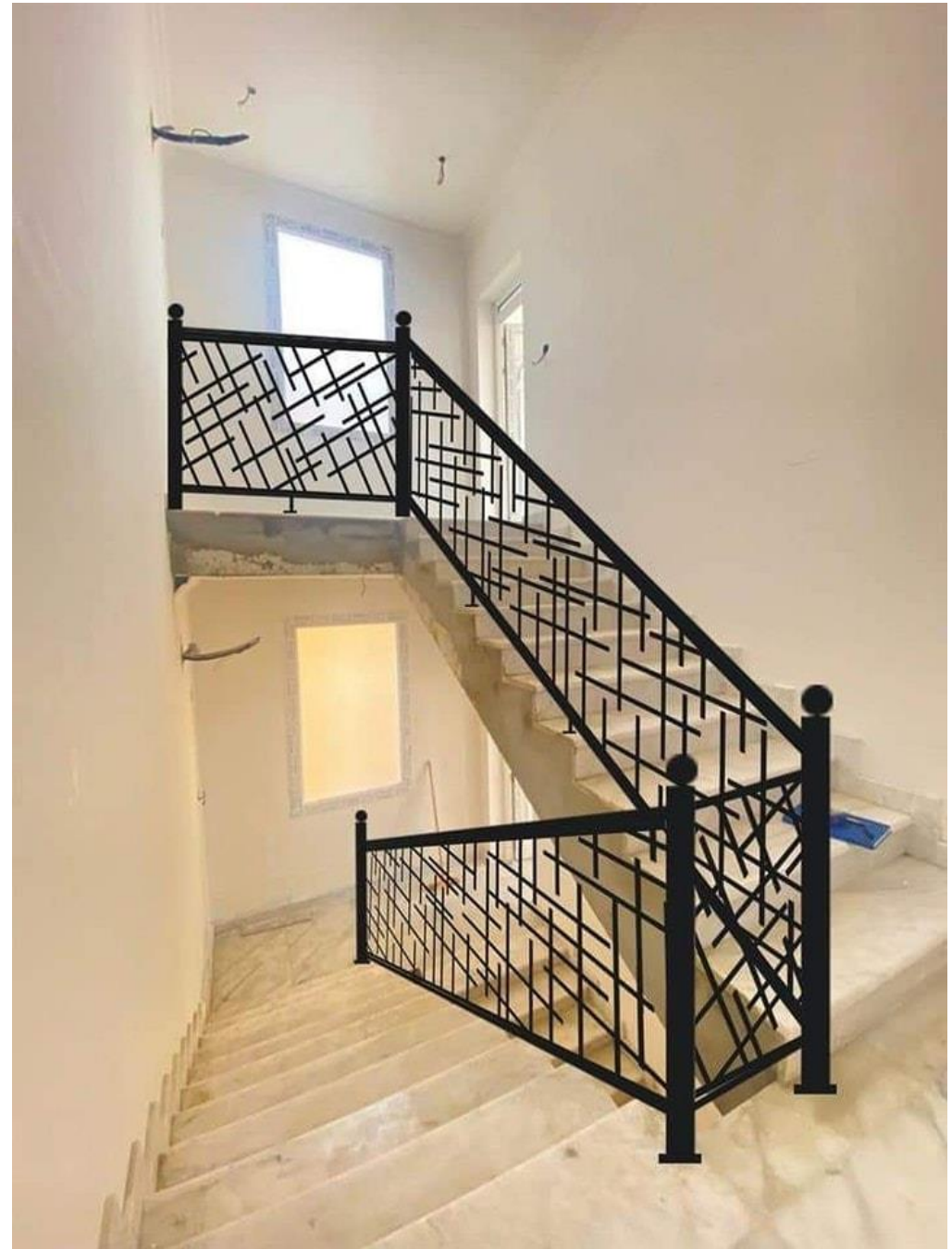
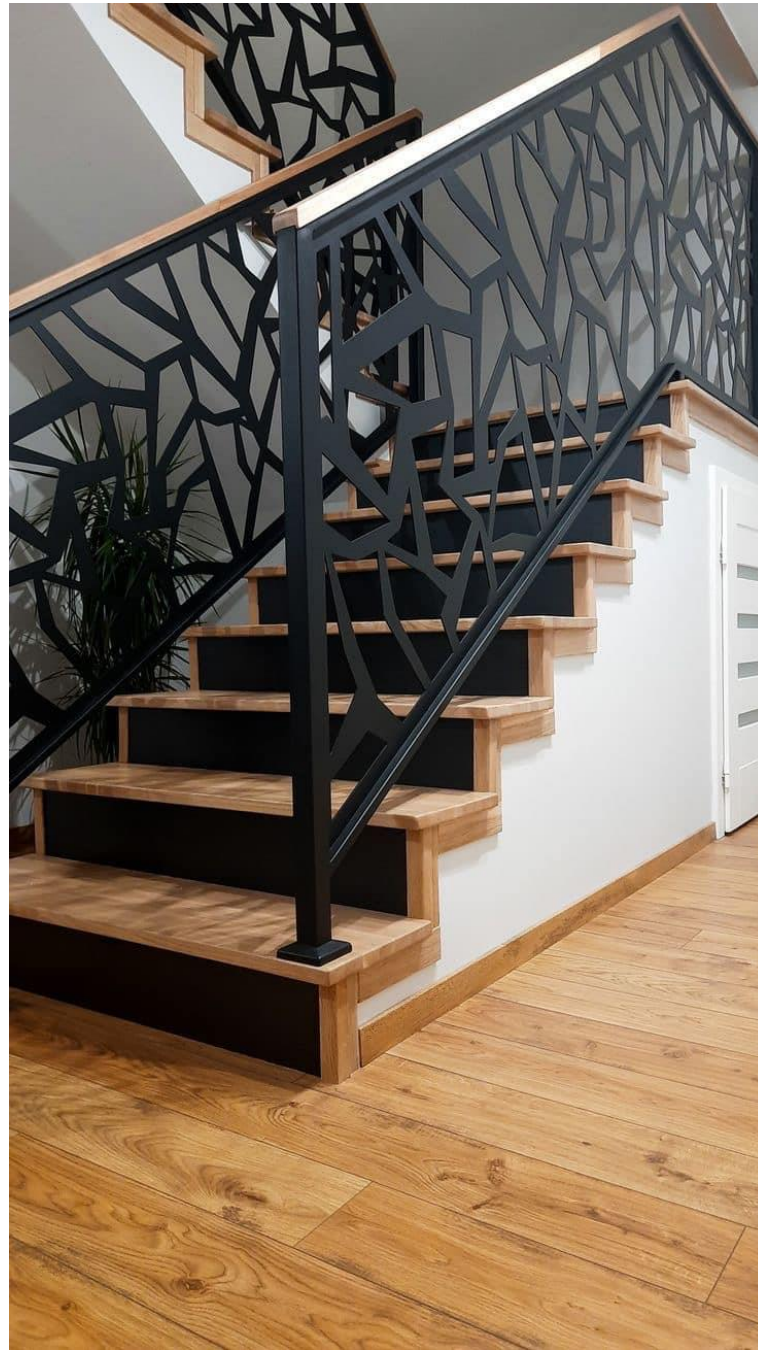








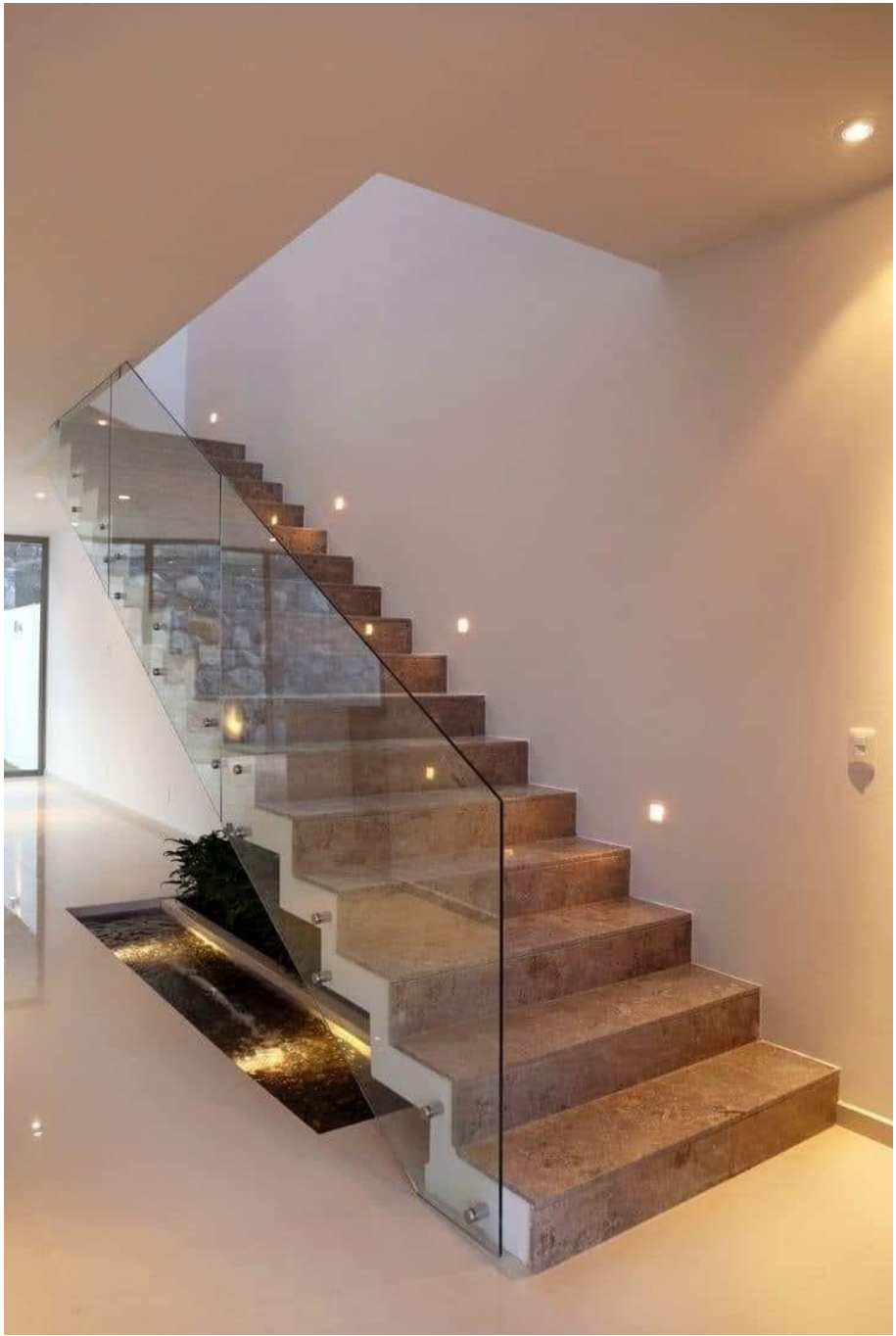






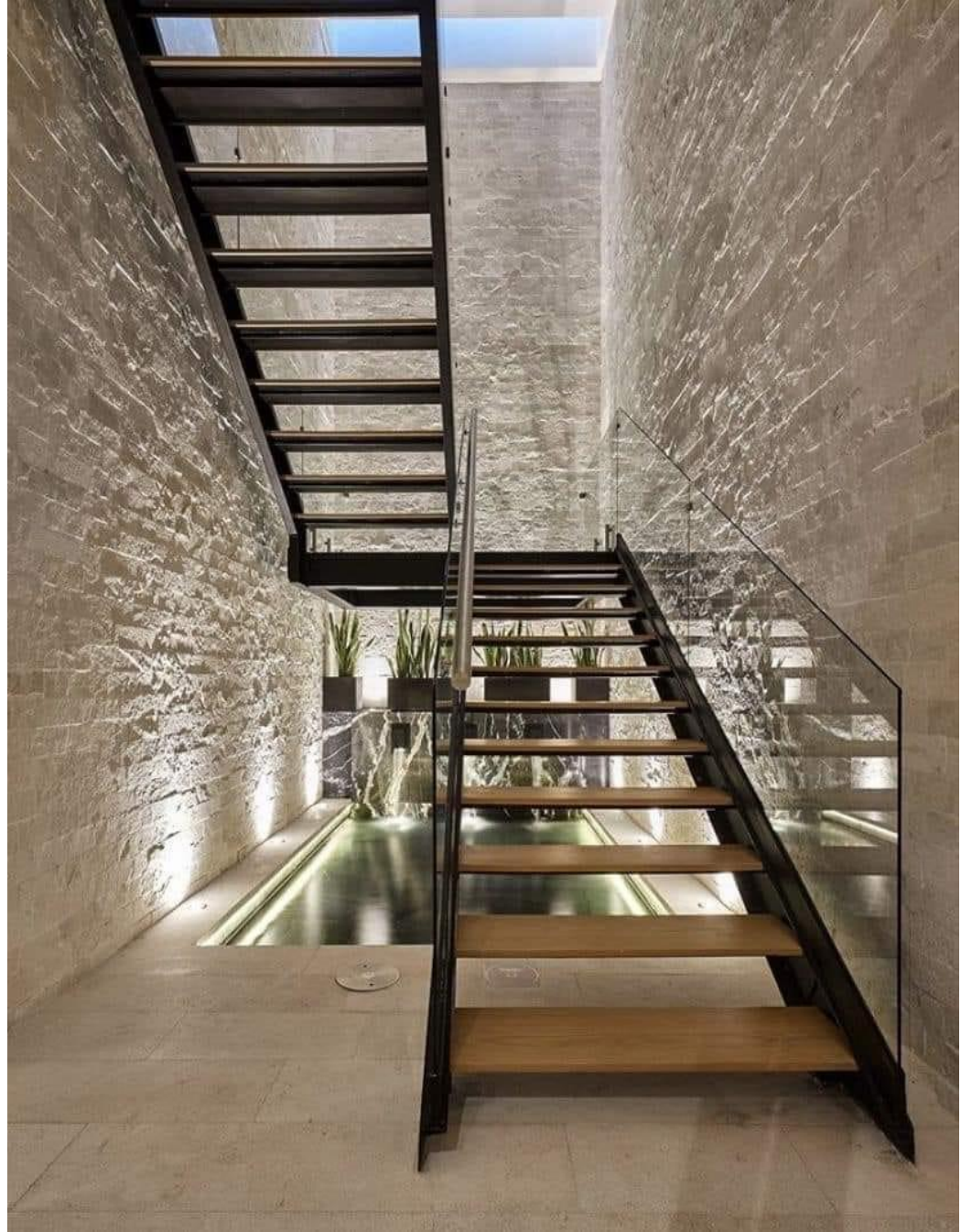


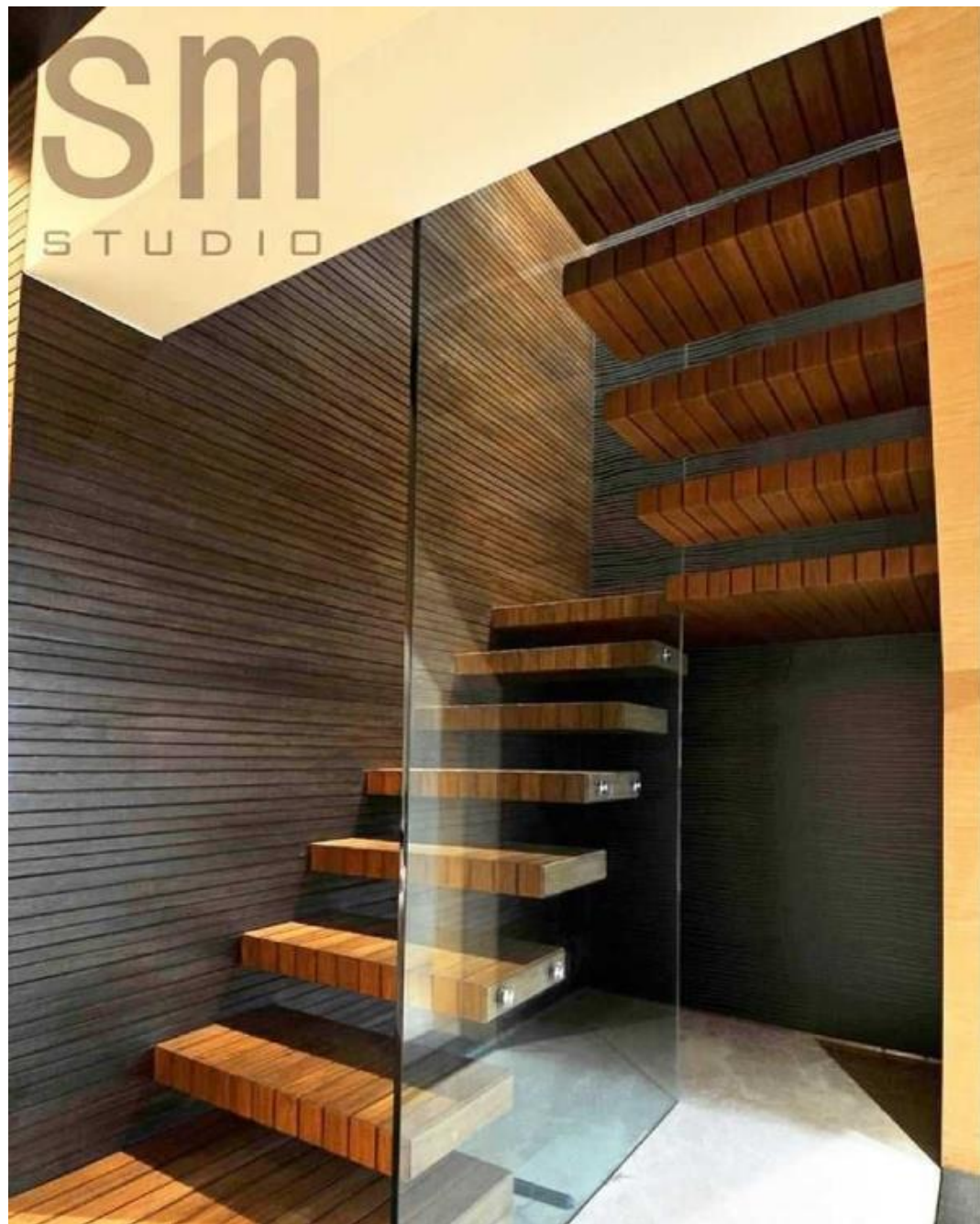


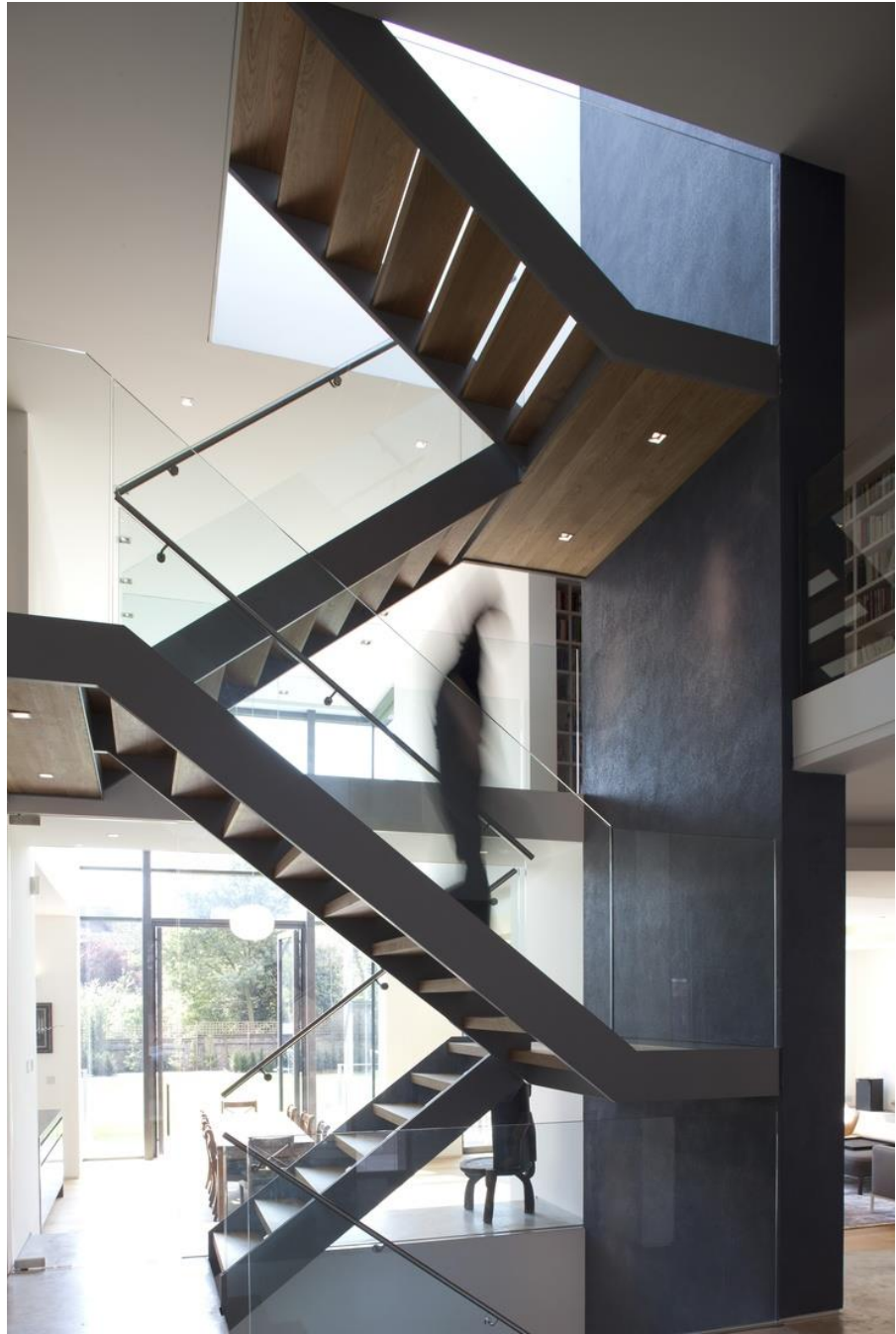








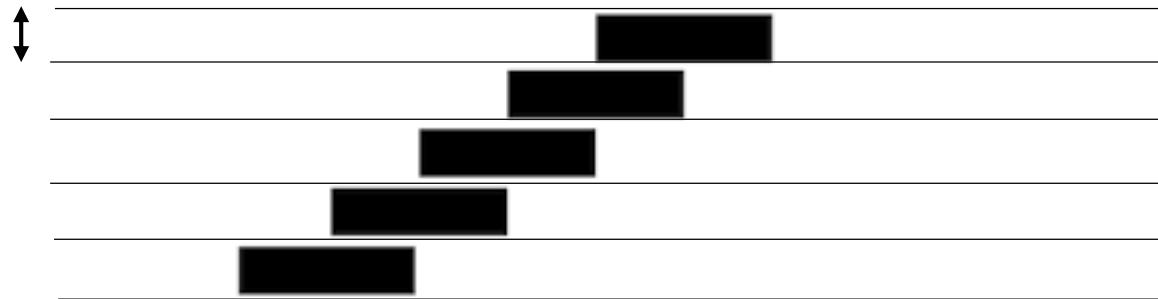


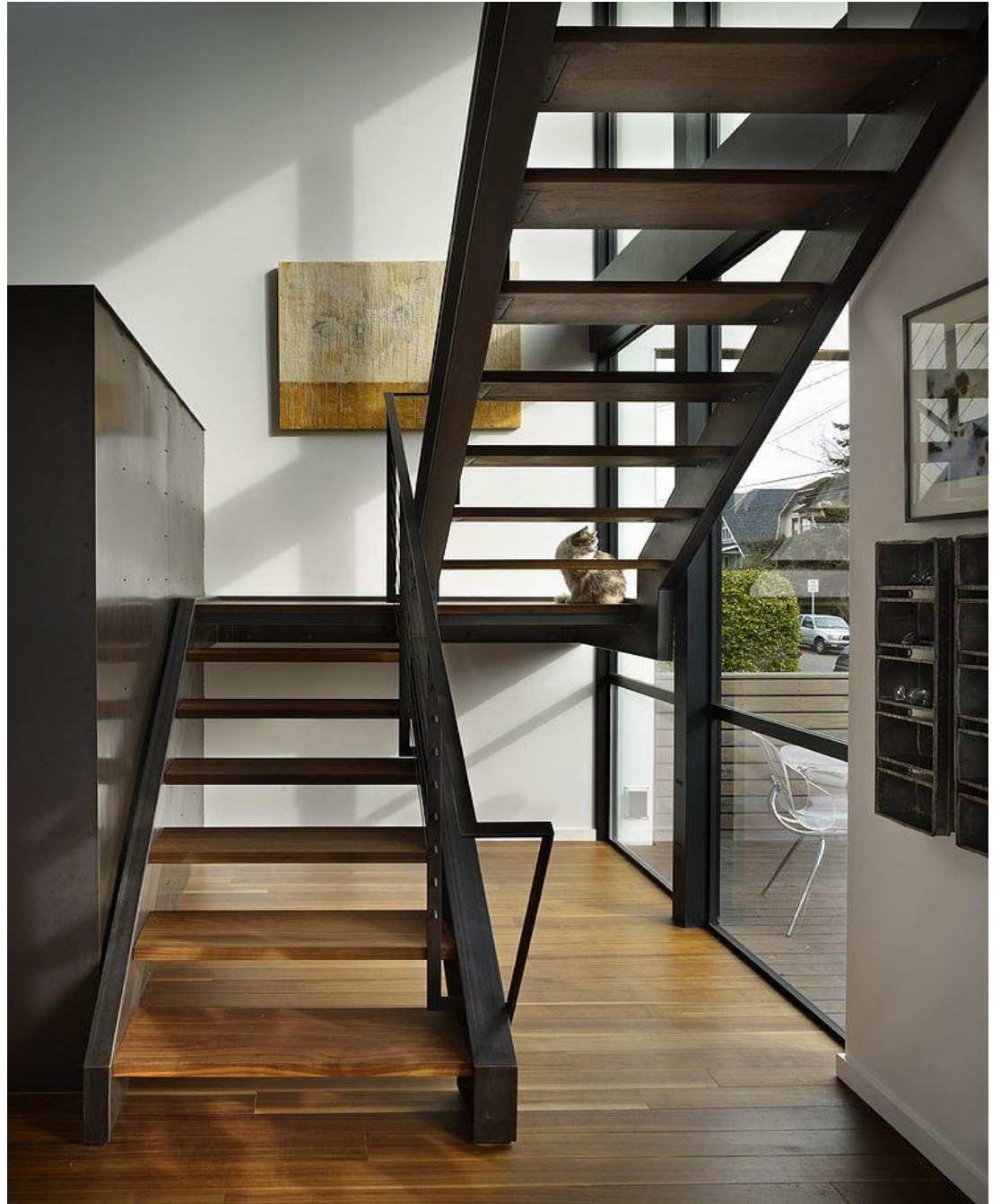




EN ESTE EJEMPLO LA SEPARACIÓN
DE LOS TRAVESAÑOS DE LA REJA DE
APOYO COINCIDE CON LA ALTURA
DE LA CONTRA-HUELLA

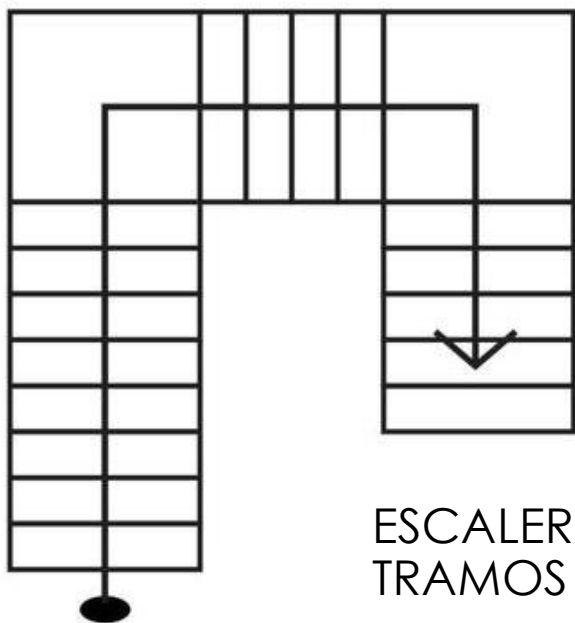
LA ALTURA ES LA CONTRA-HUELLA
0.17 m



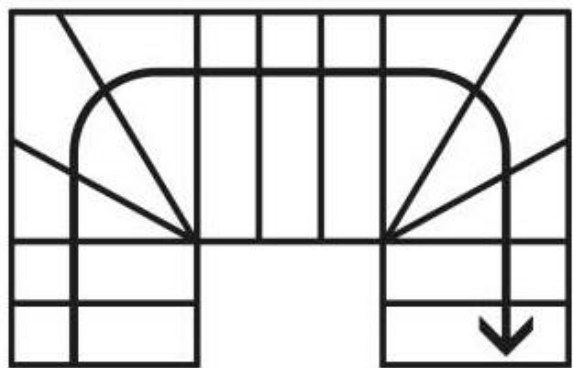




DE TRES TRAMOS



ESCALERA DE TRES
TRAMOS TRADICIONAL



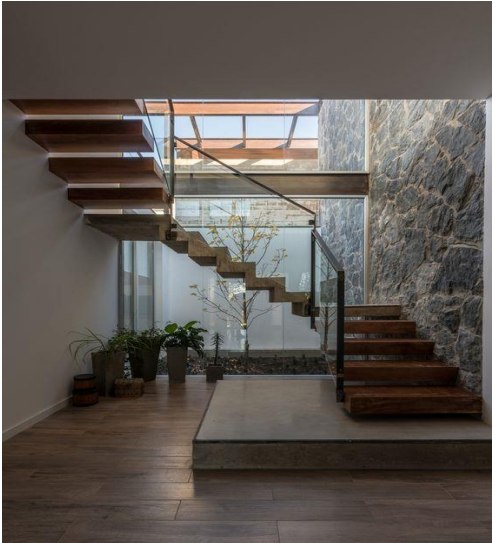
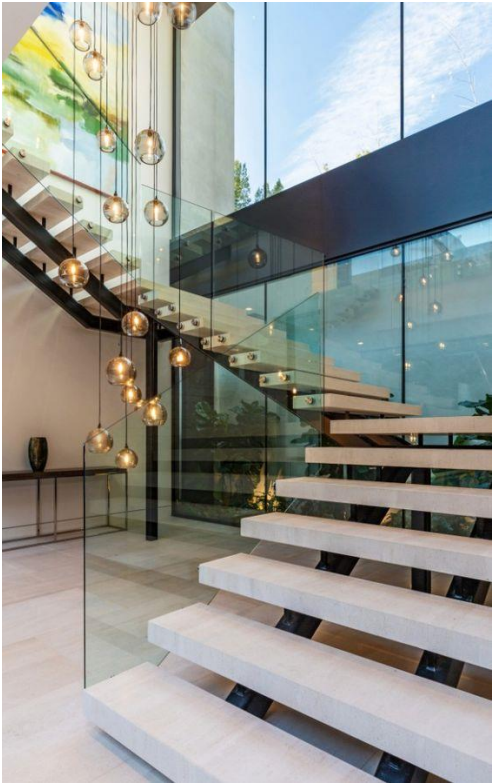
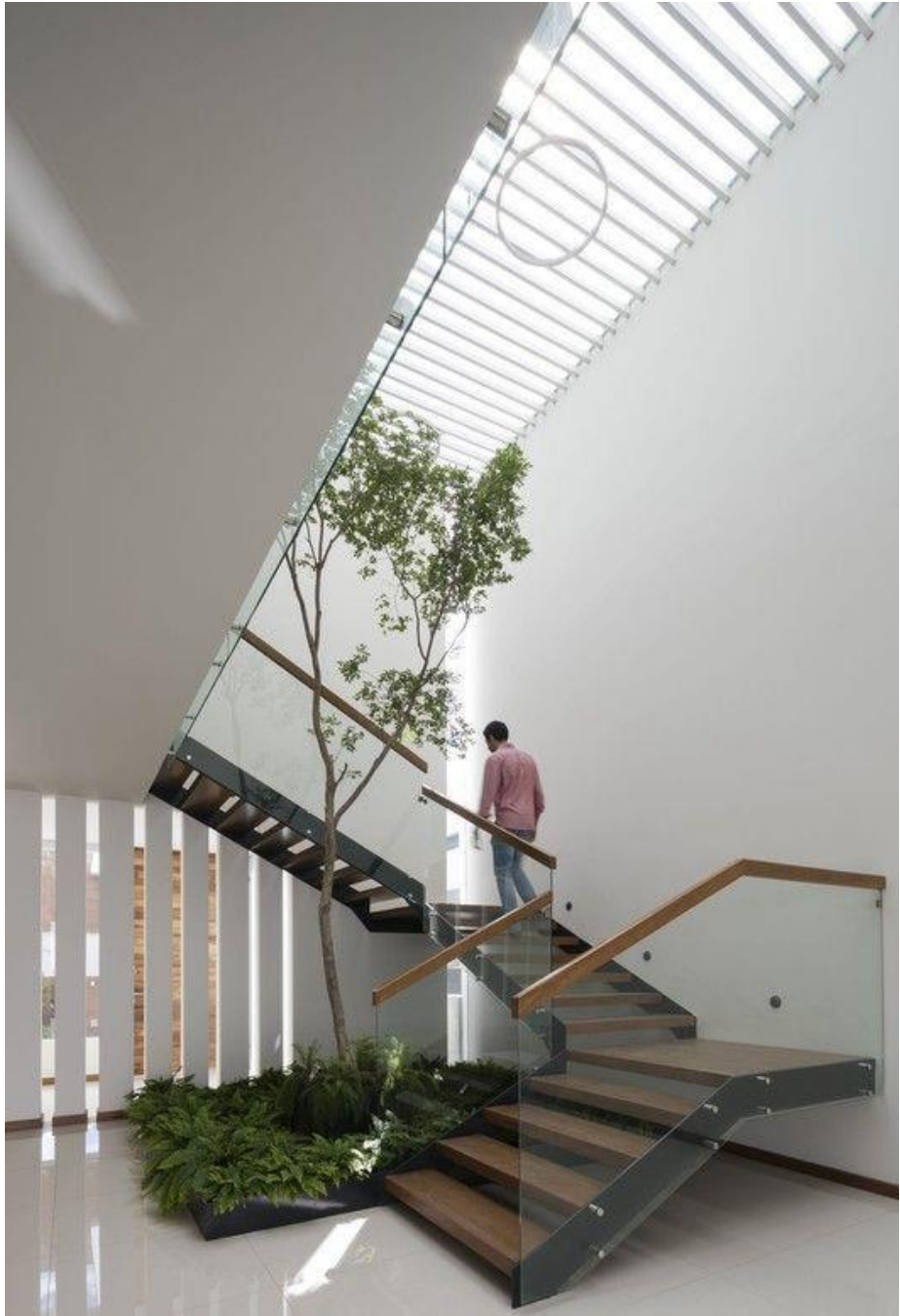
ESCALERA DE TRES
TRAMOS COMPENSADA

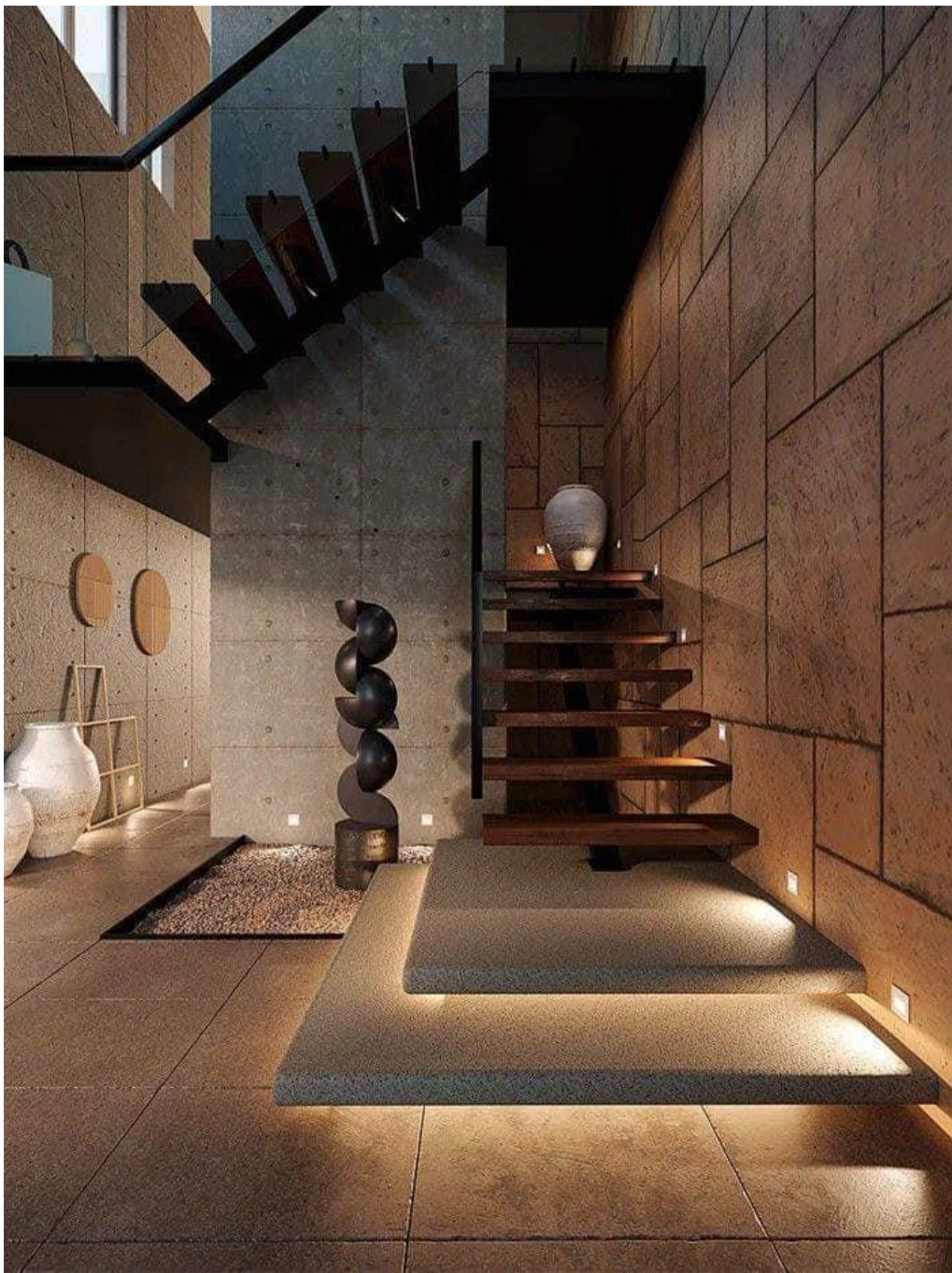


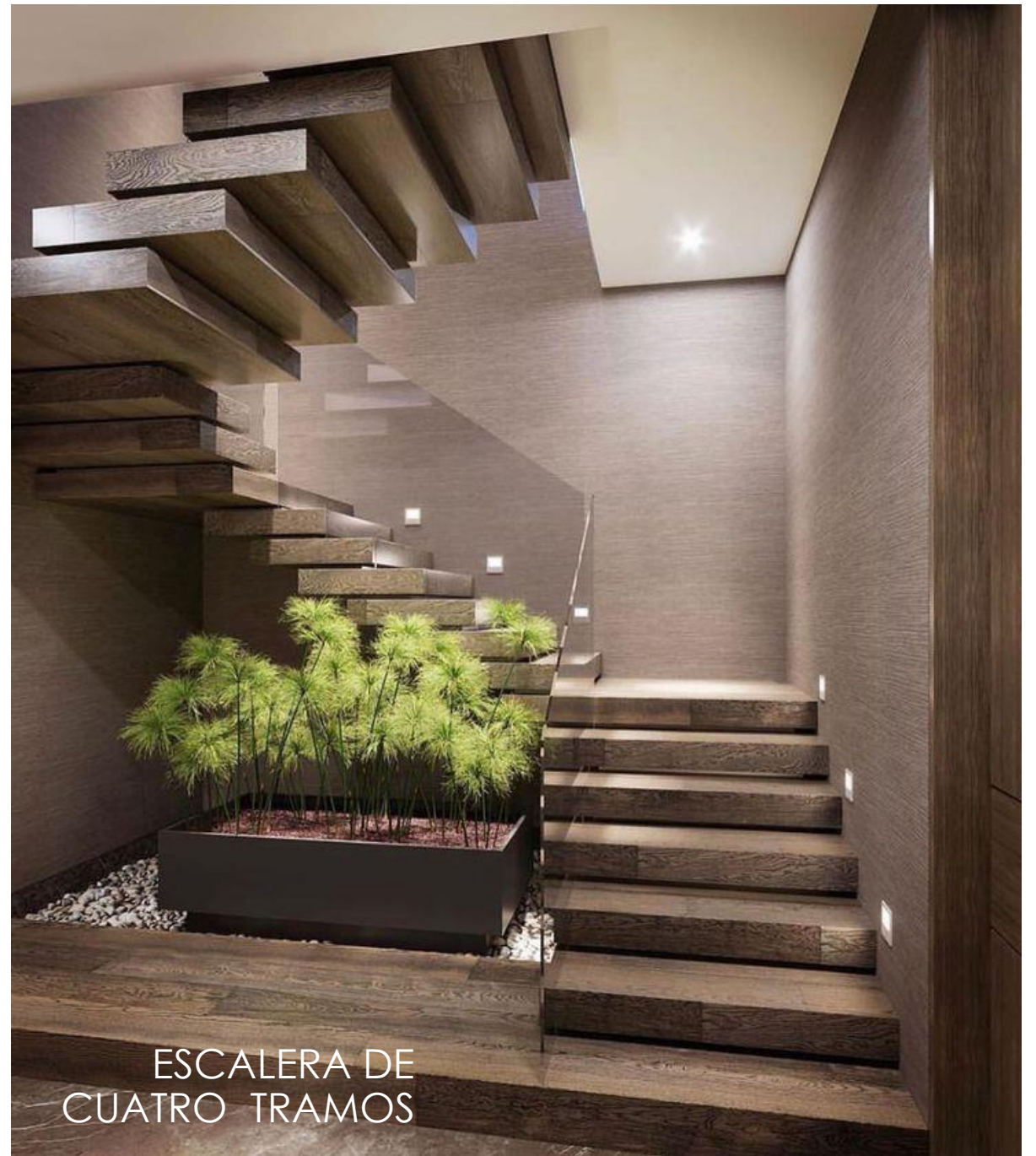






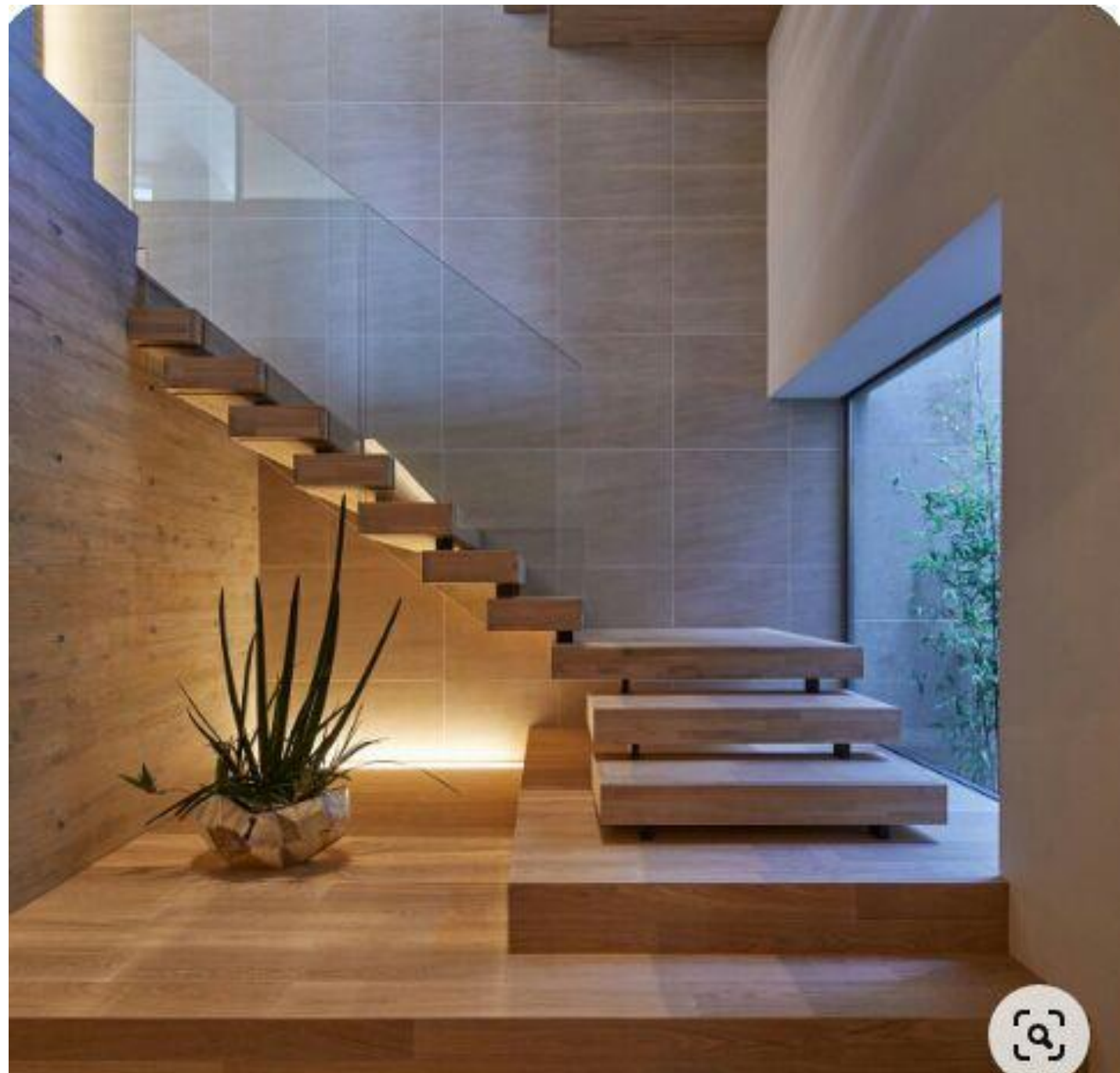






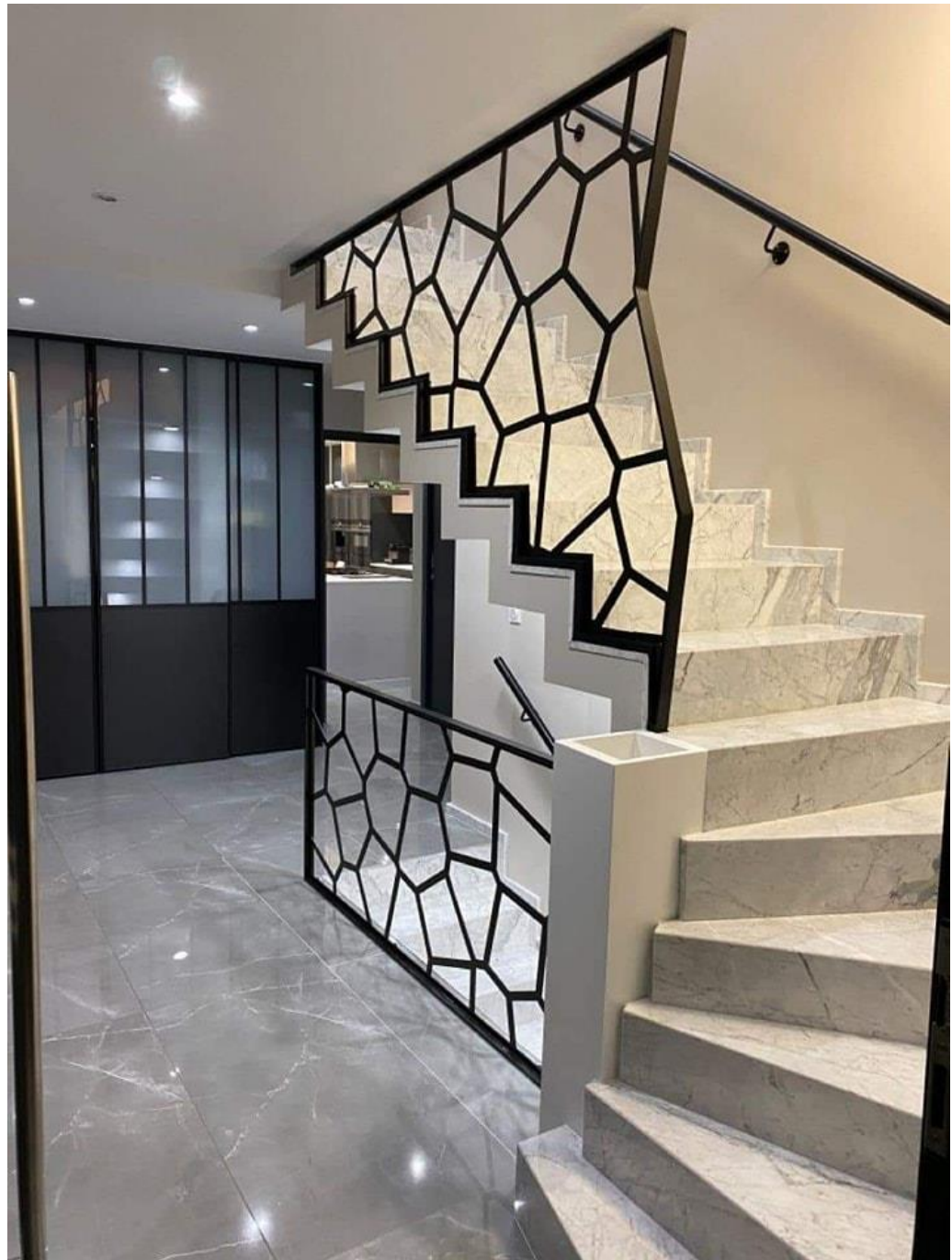
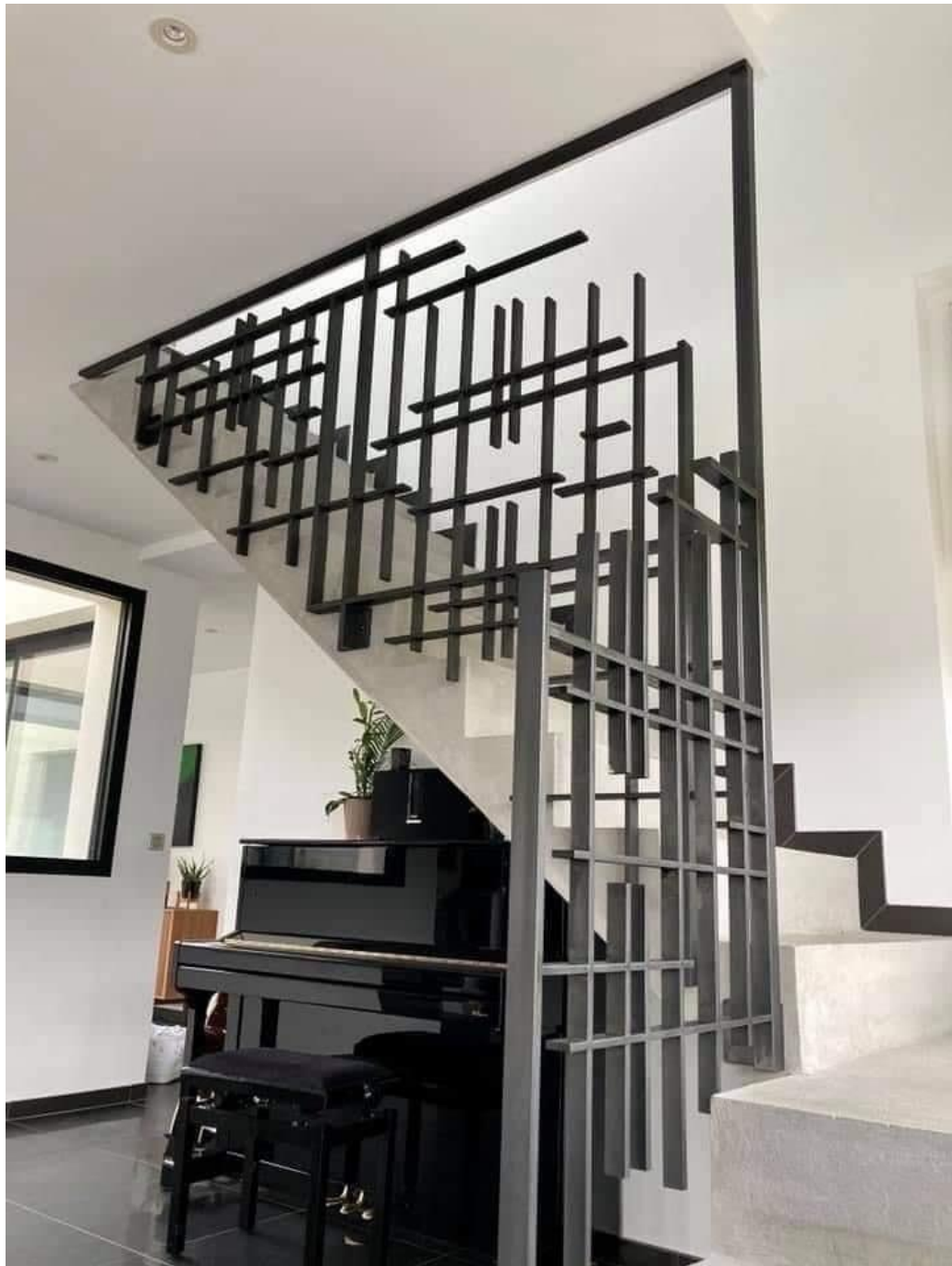
ESCALERA DE
CUATRO TRAMOS

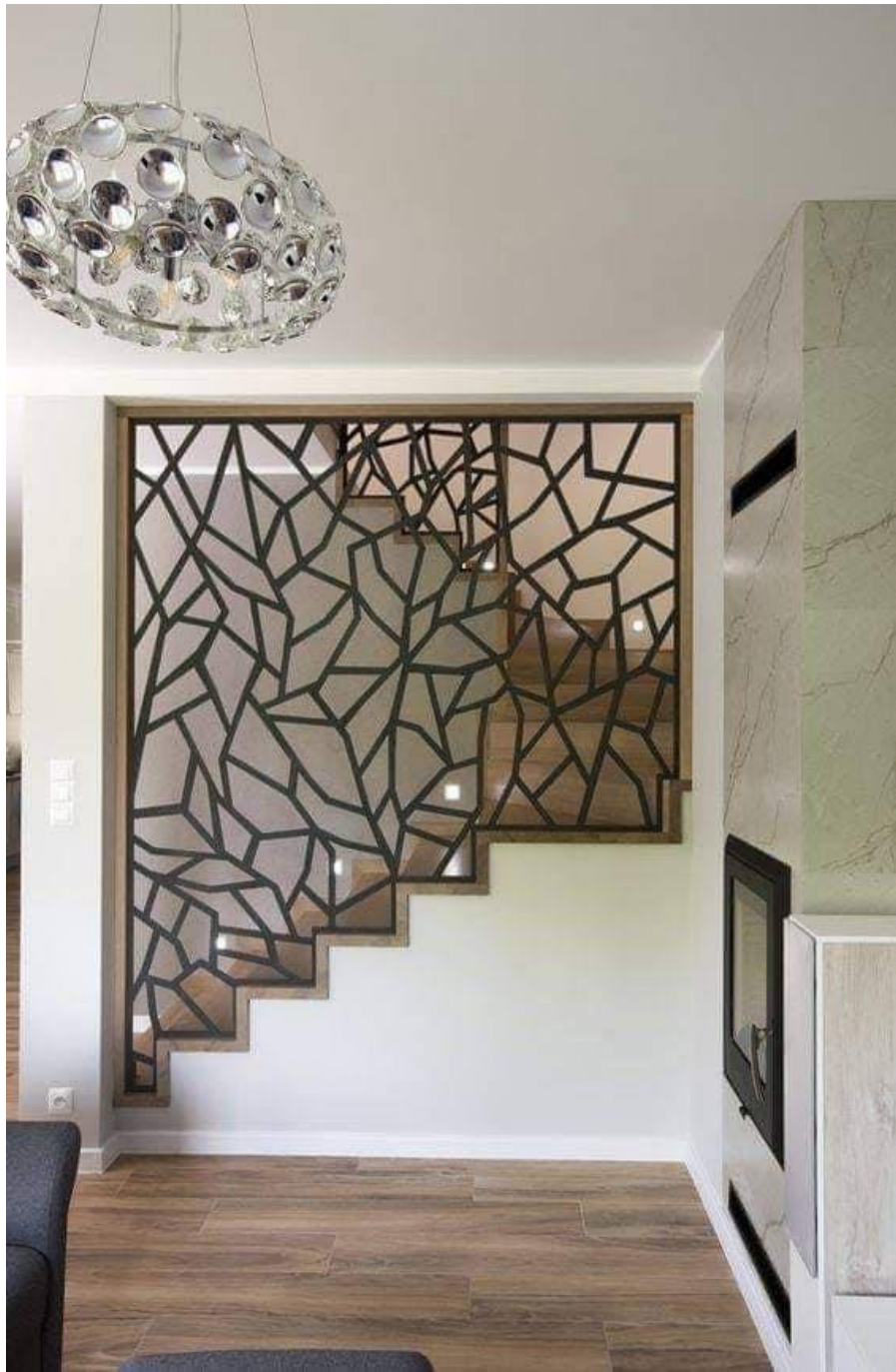
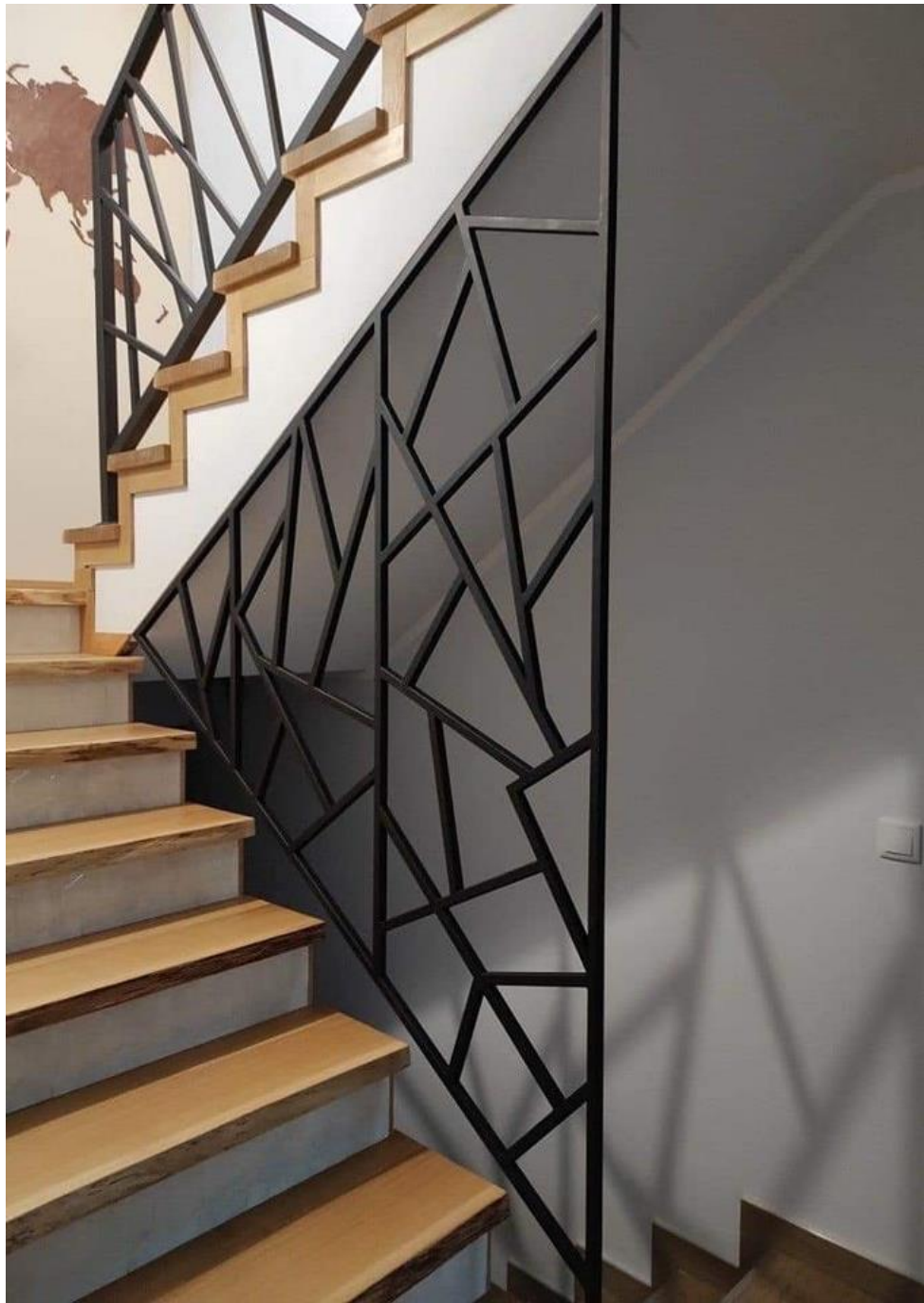
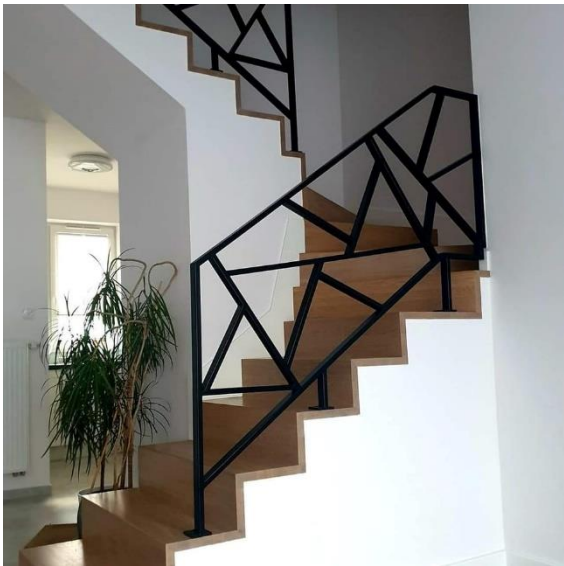








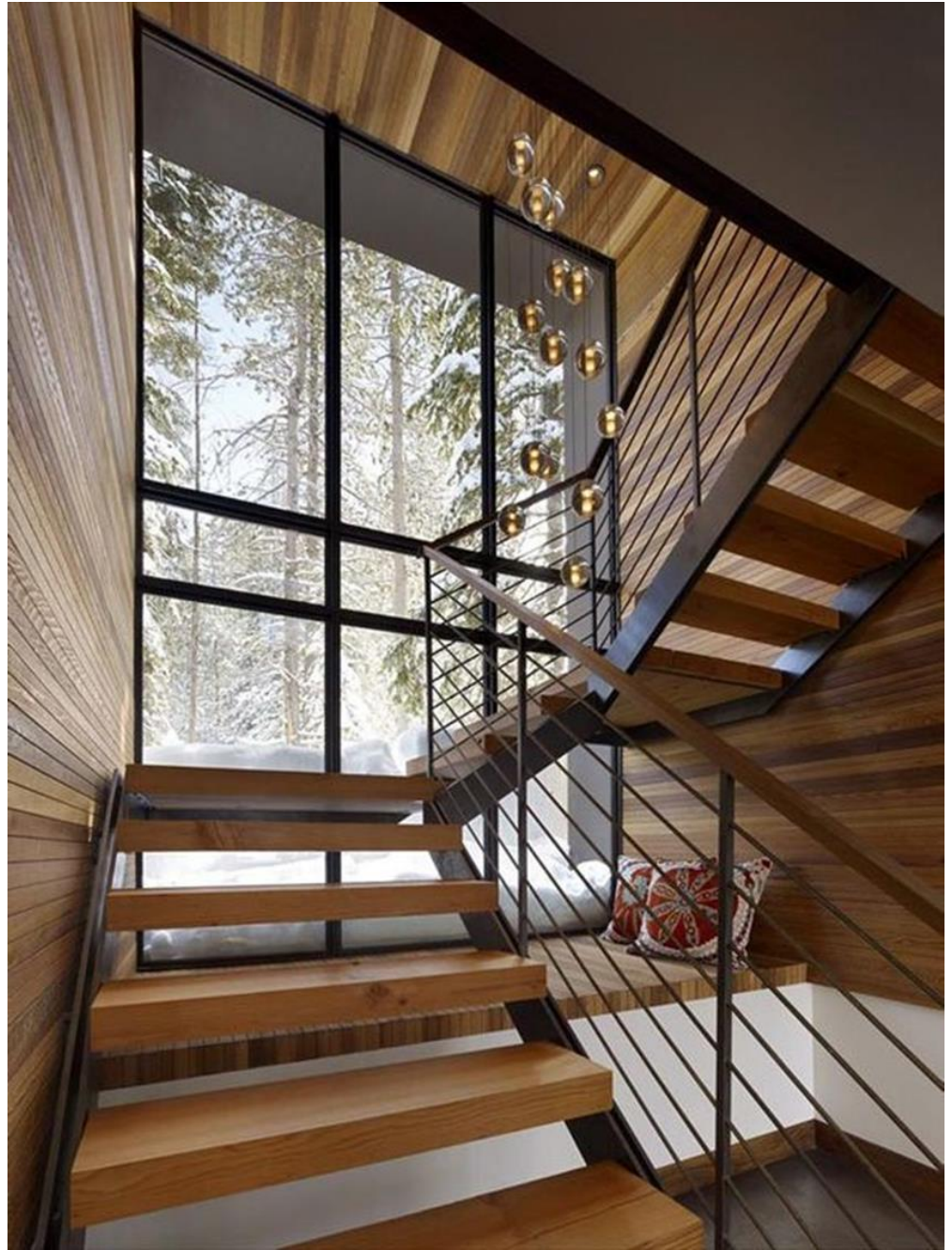






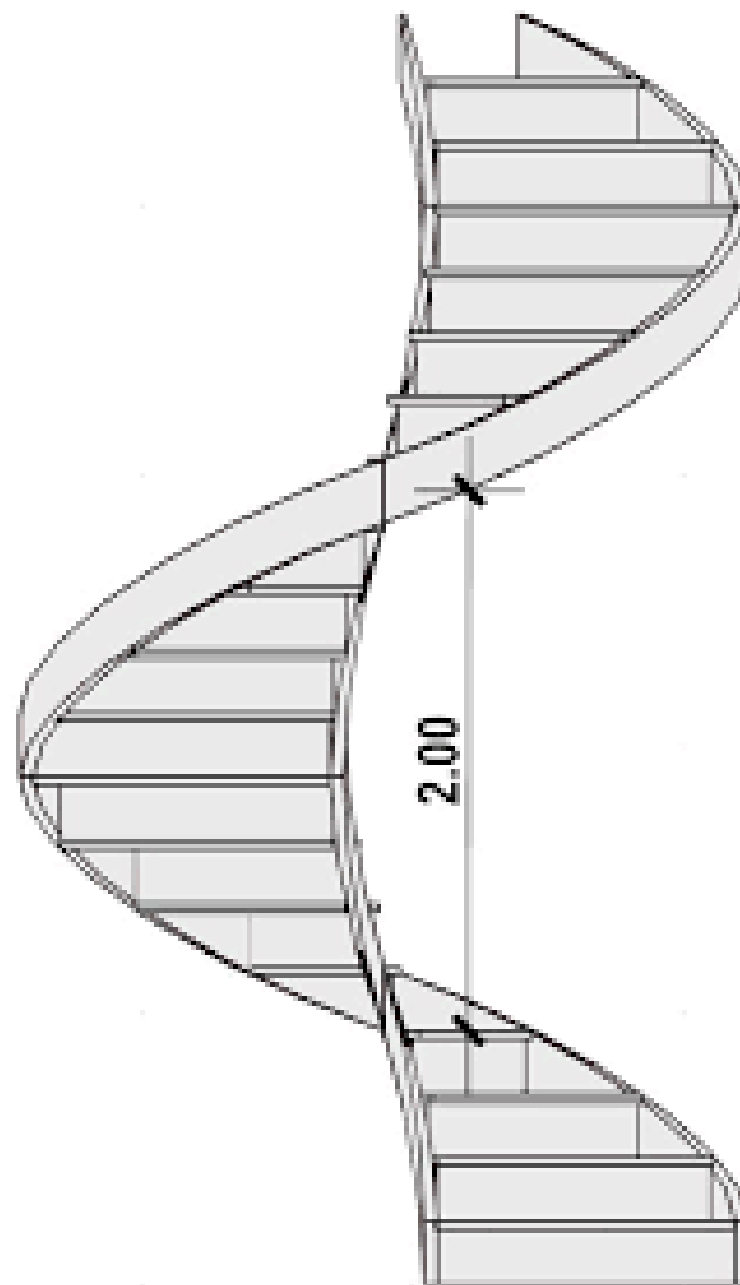
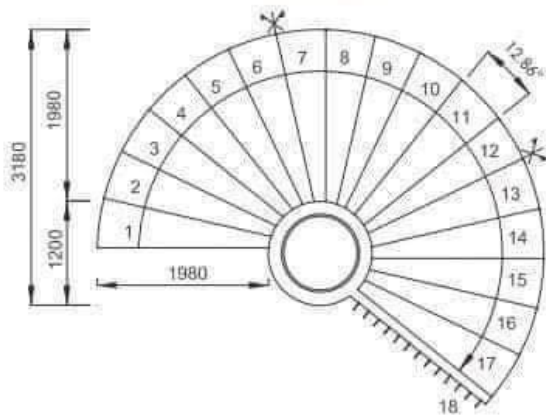
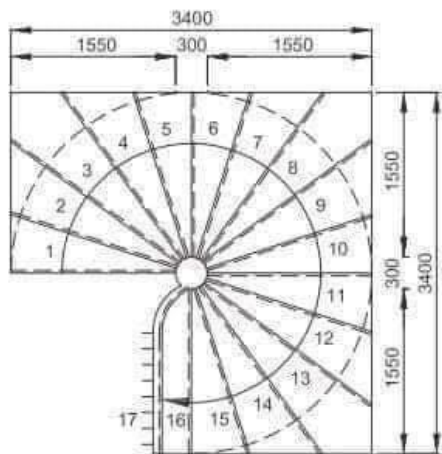






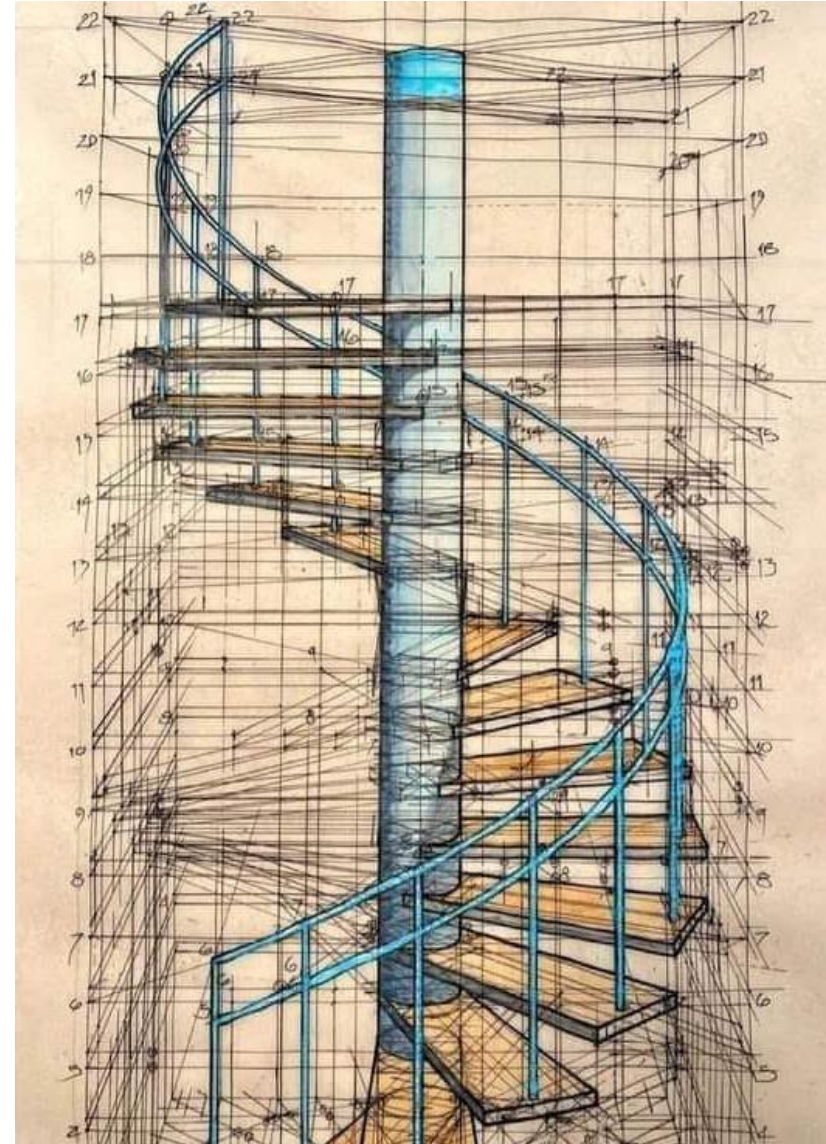
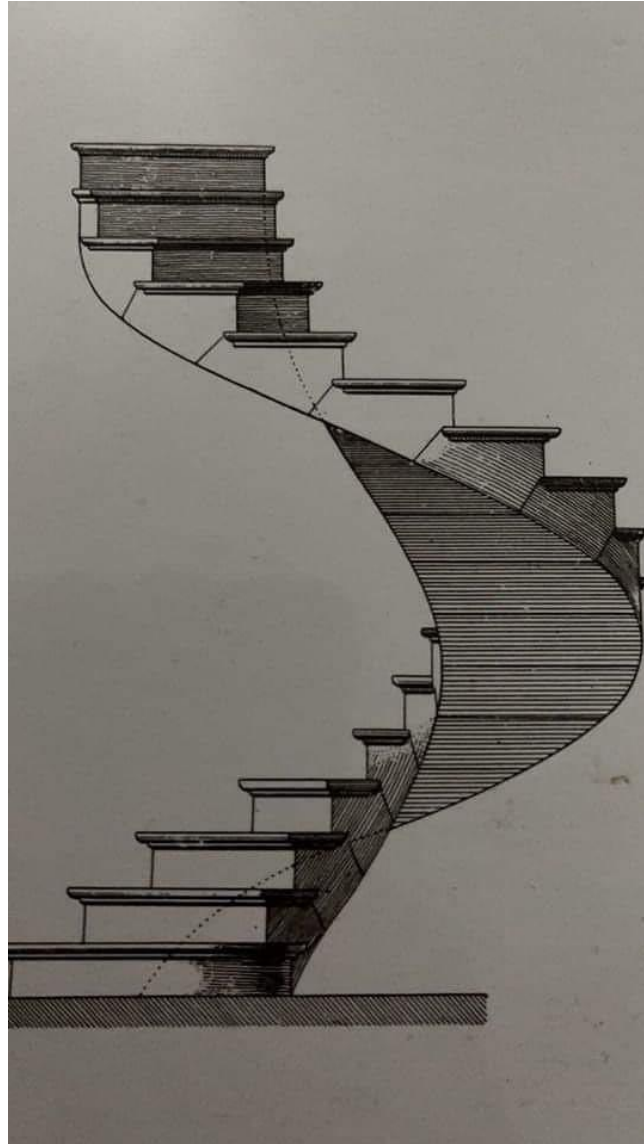
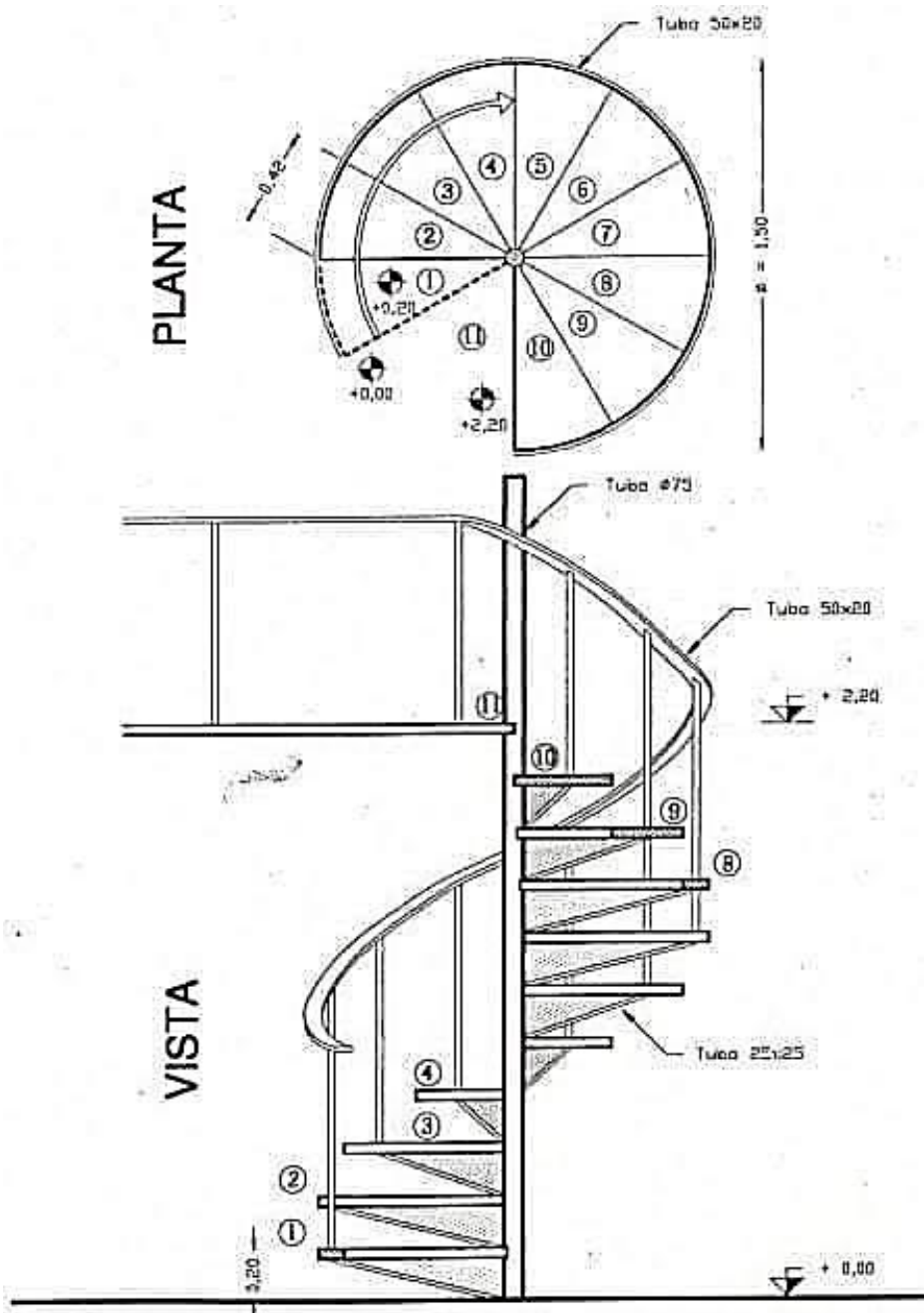


CARACOL O CIRCULARES

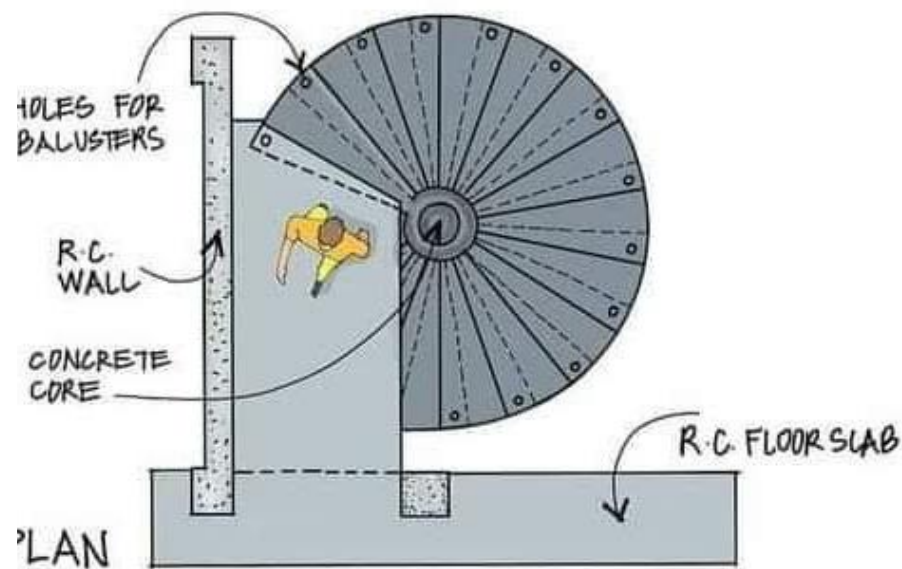
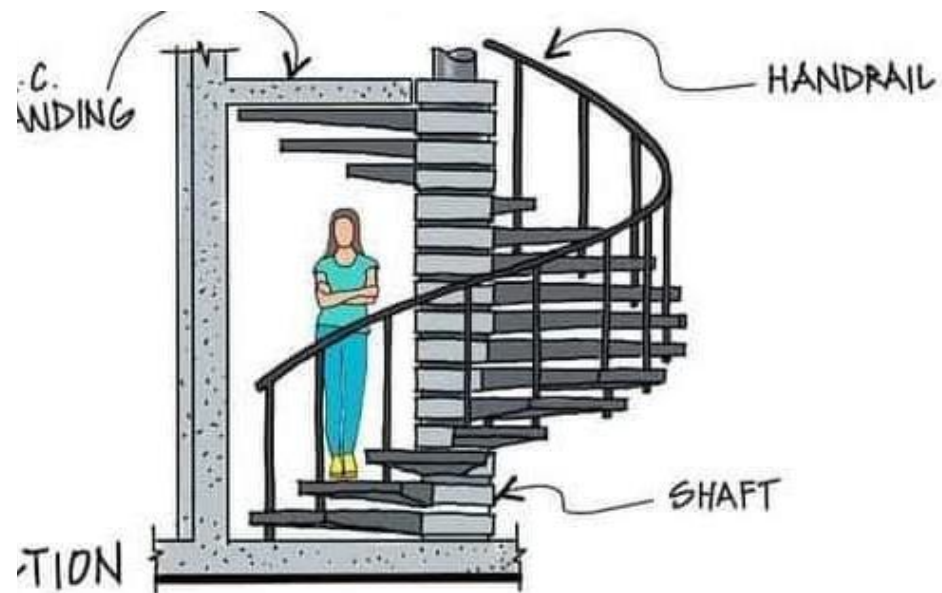
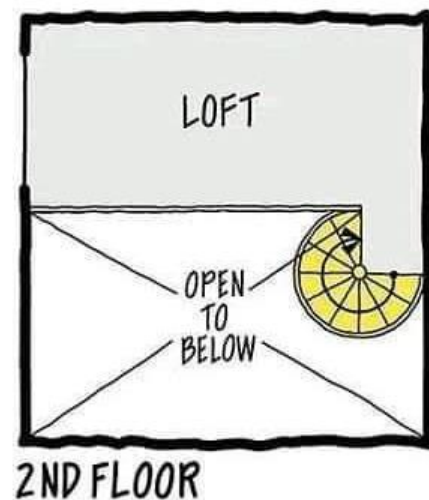
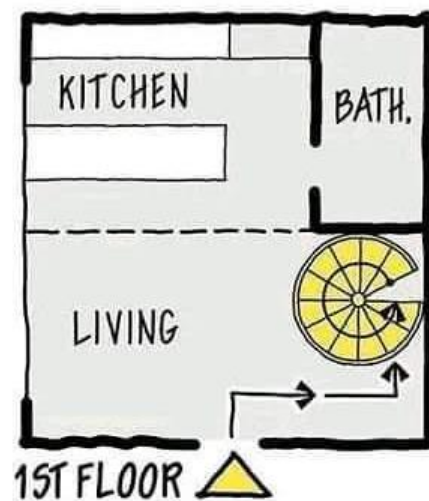
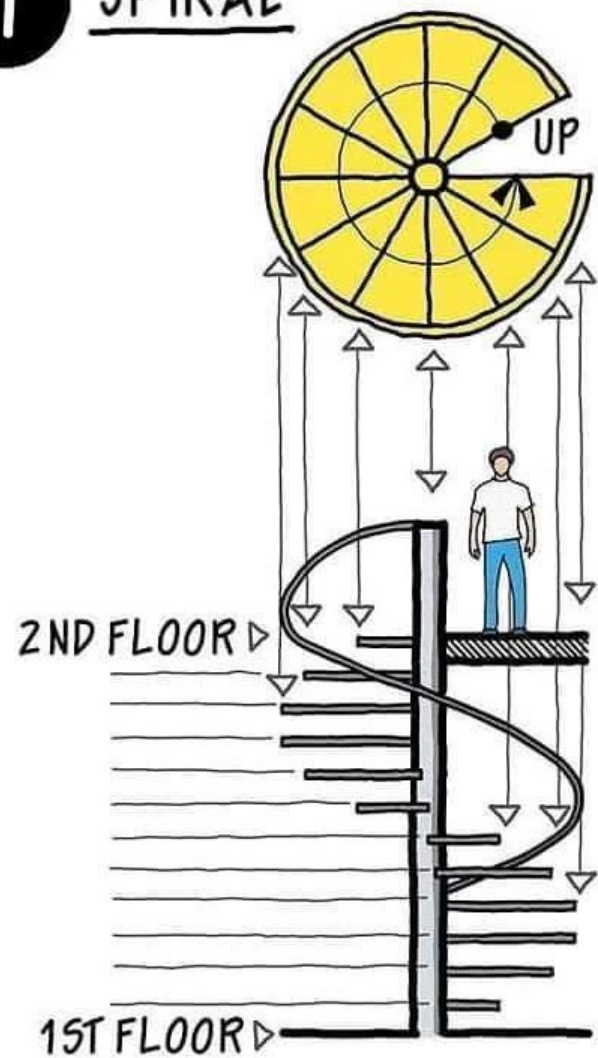


Diameter 300 mm	Max Stair Width 1550 mm
Angle 18°	Weight (max) 2600 kg
Risers from 160 to 190 mm	Rotation Right or Left
Nosing 20 mm	

Diameter 1200 mm	Max Stair Width 1980 mm
Risers from 160 to 170 mm	Weight (max) 2400 kg
Nosing 20 mm	Rotation Right or left

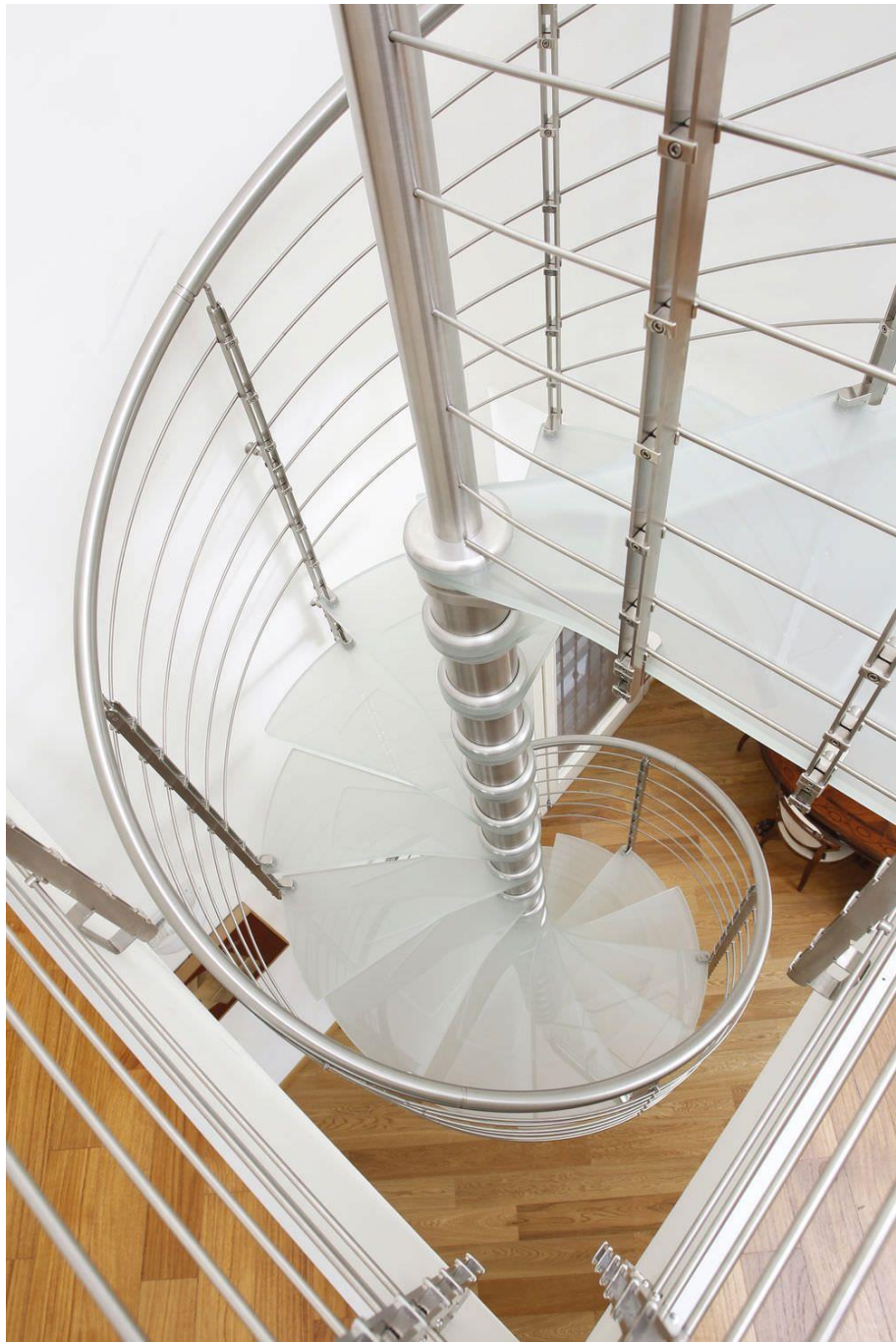


1 SPIRAL













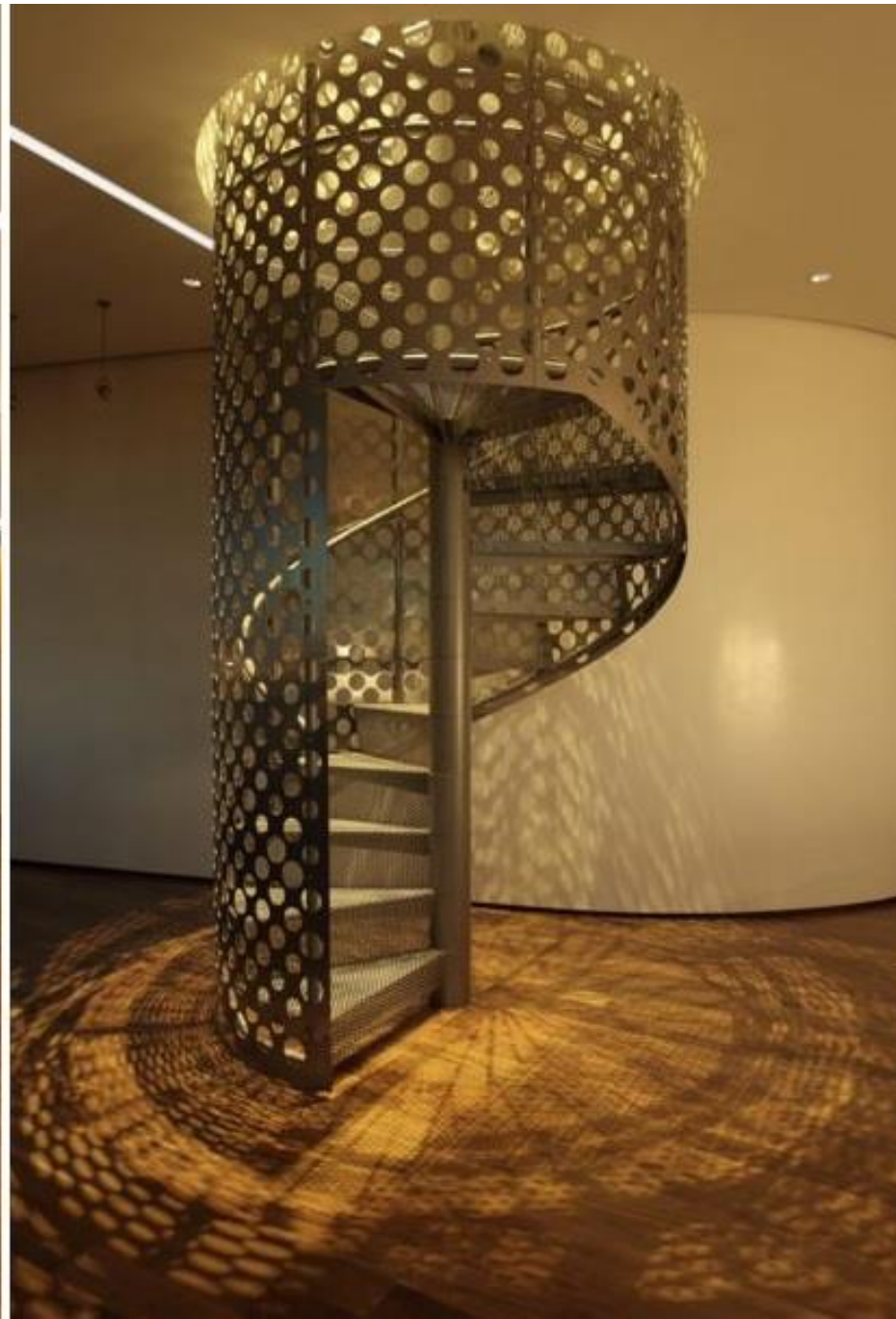














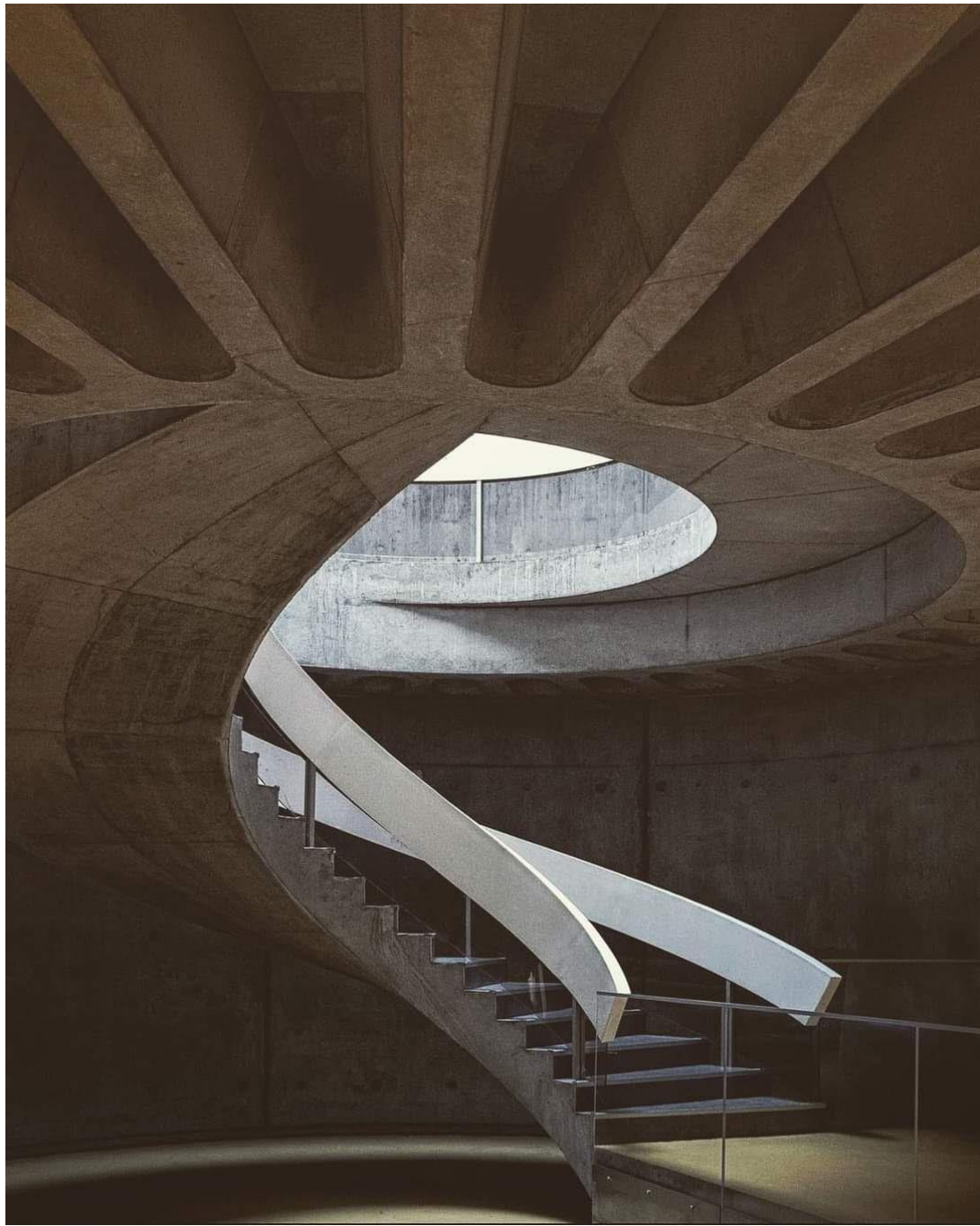
























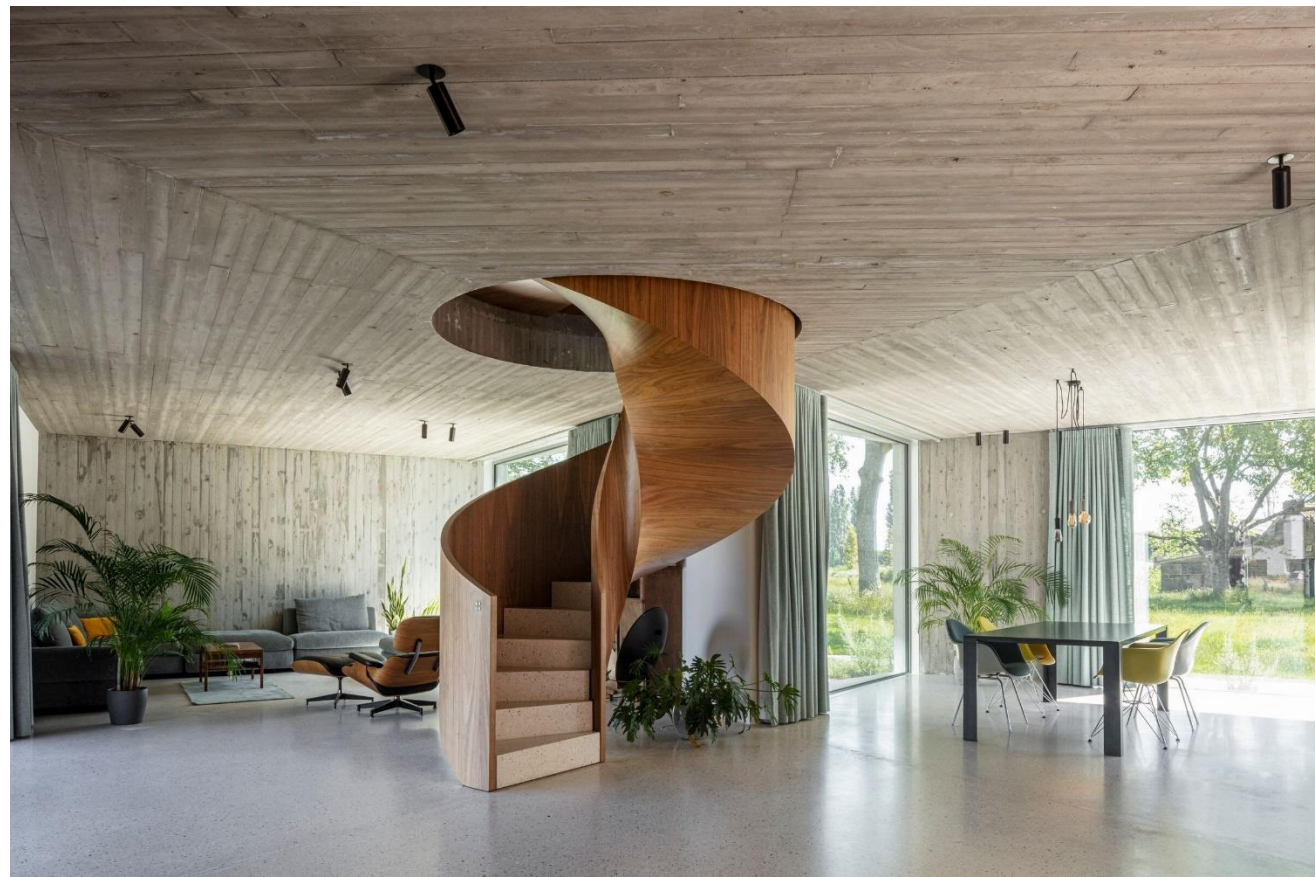






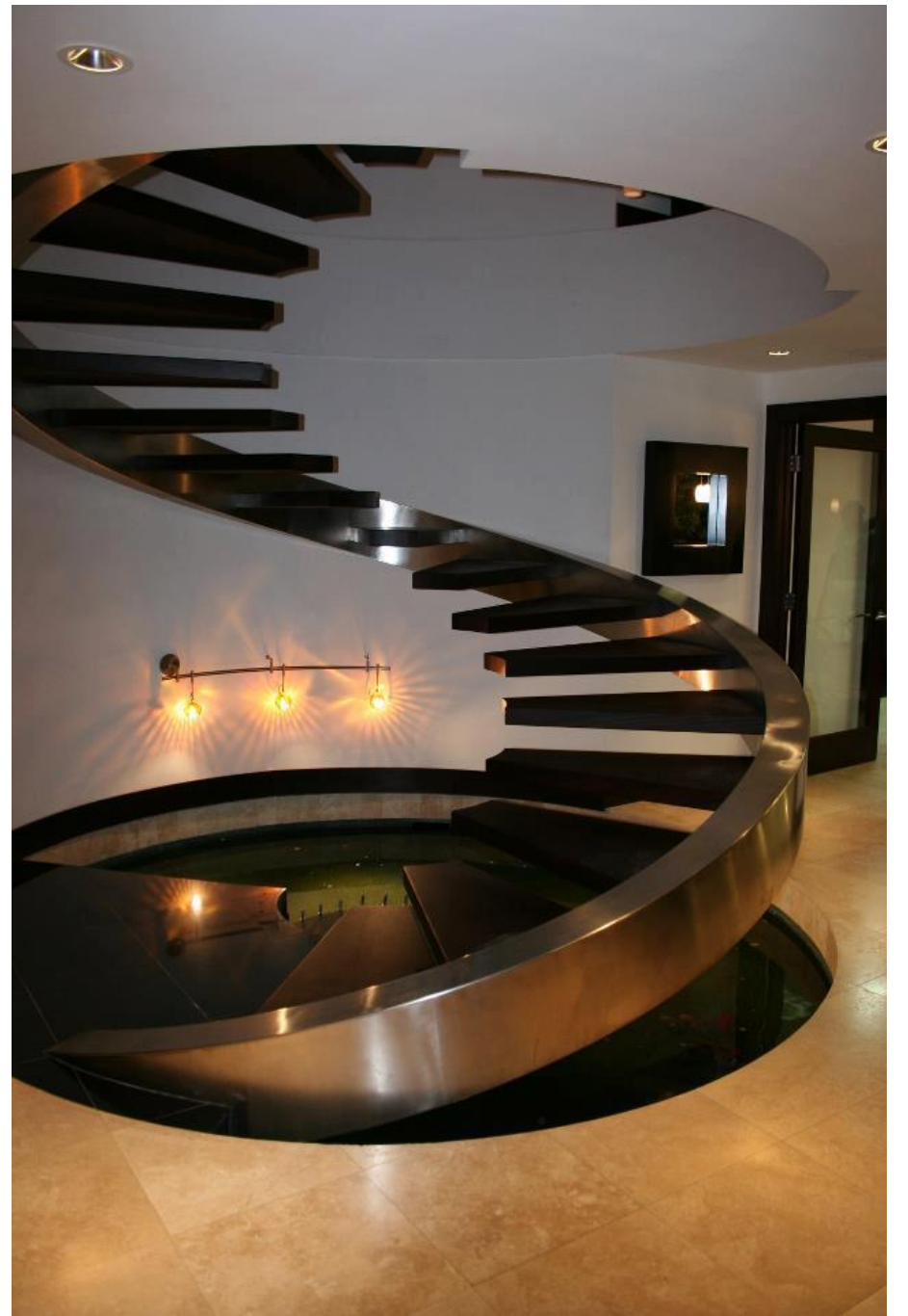




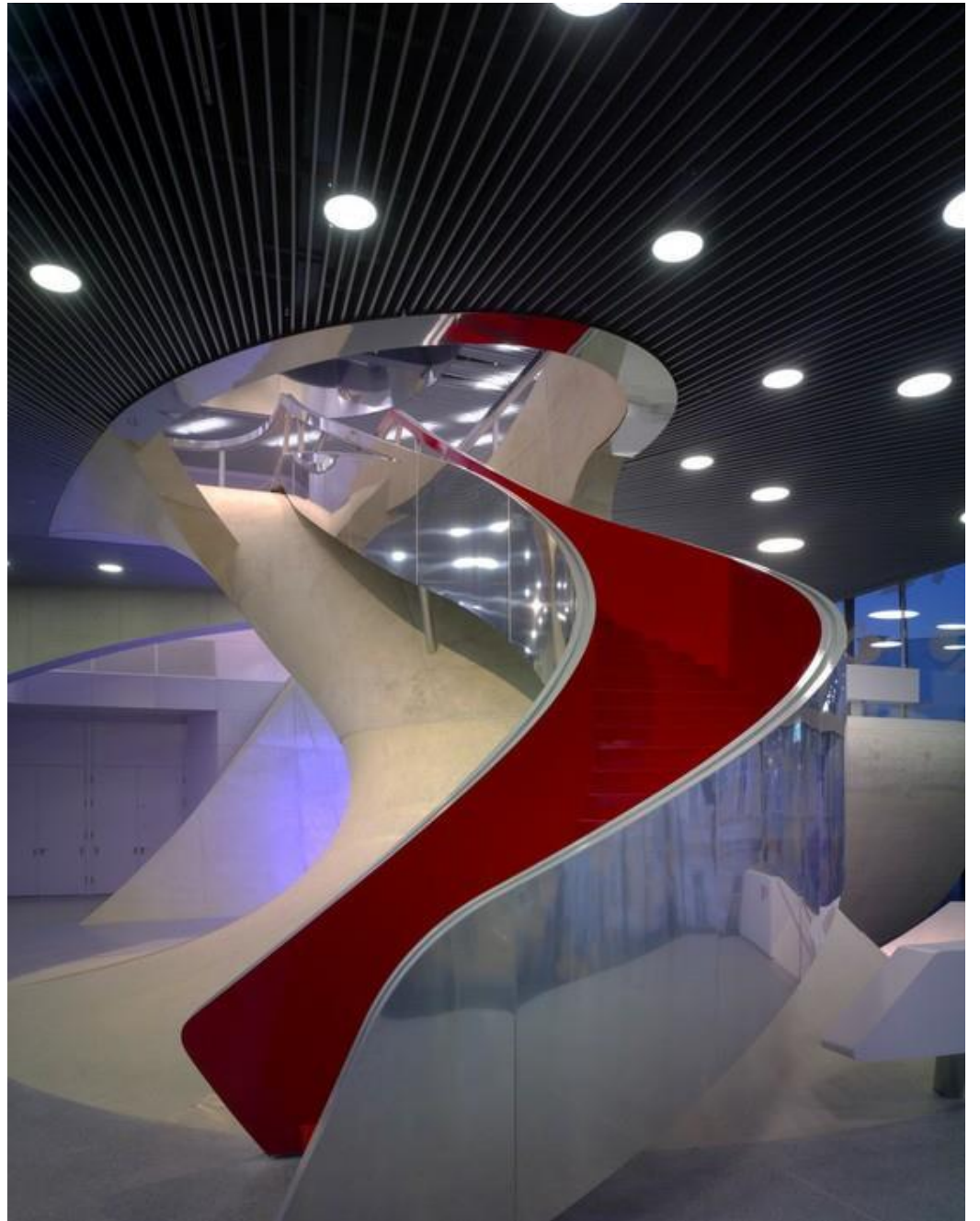


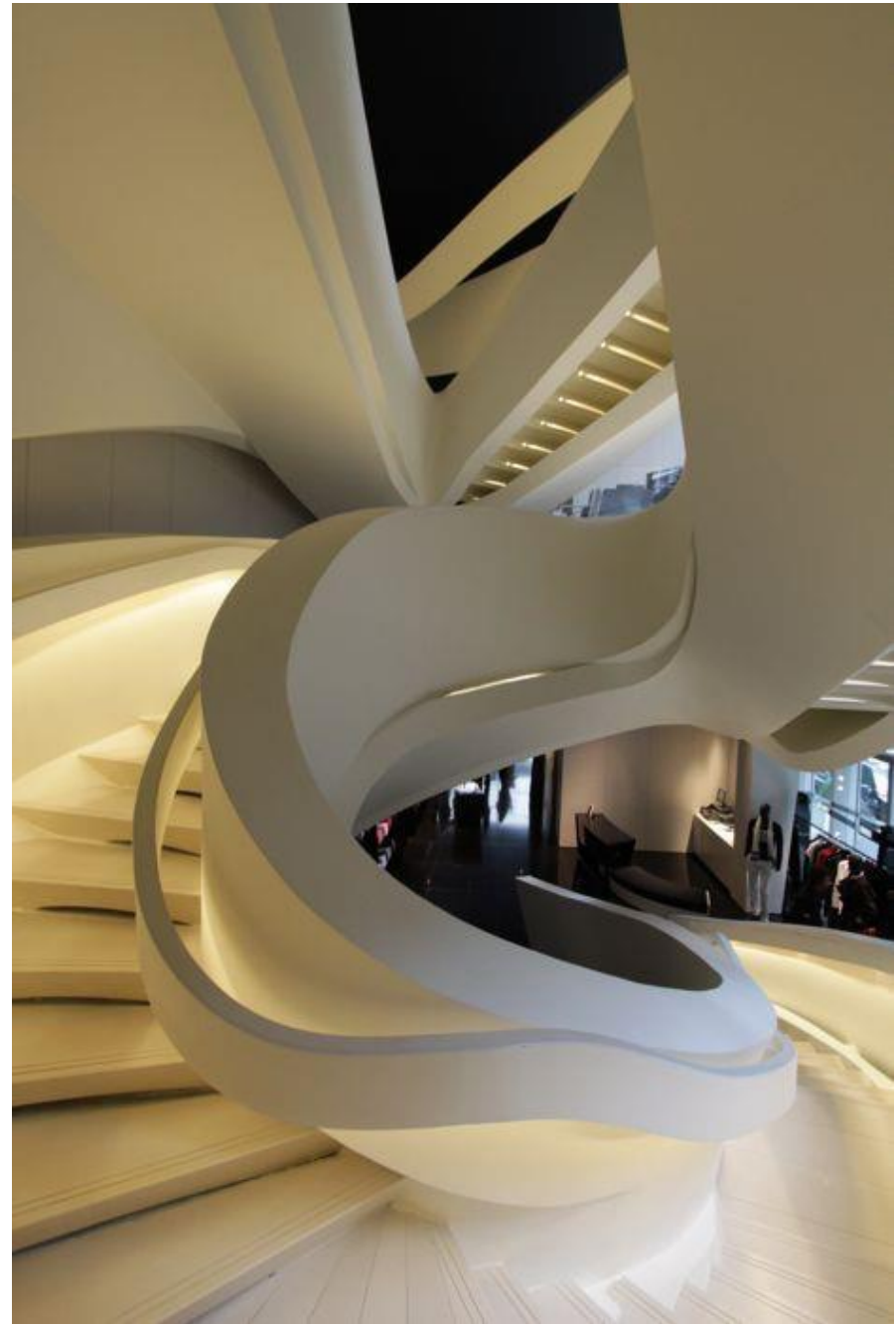










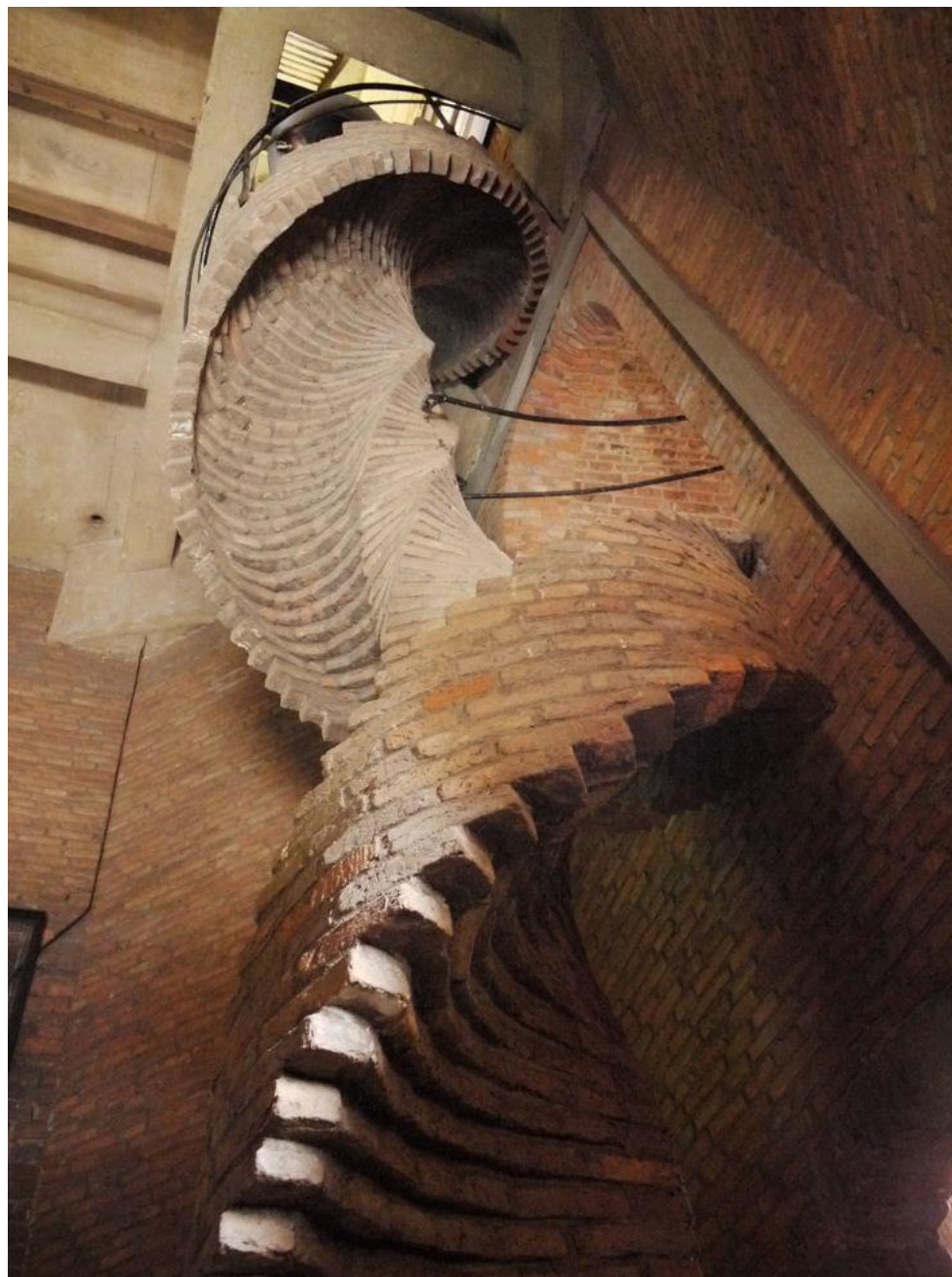






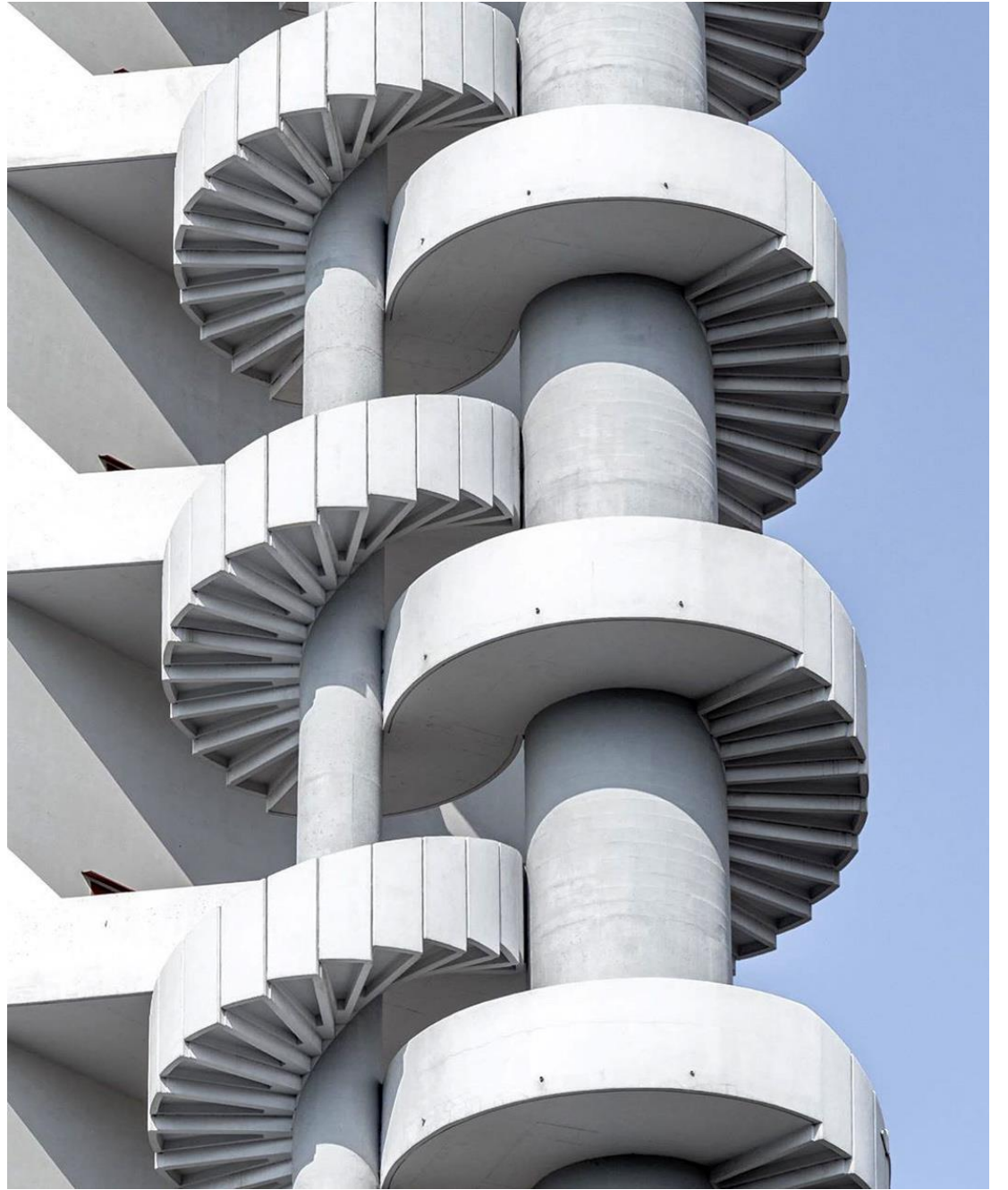








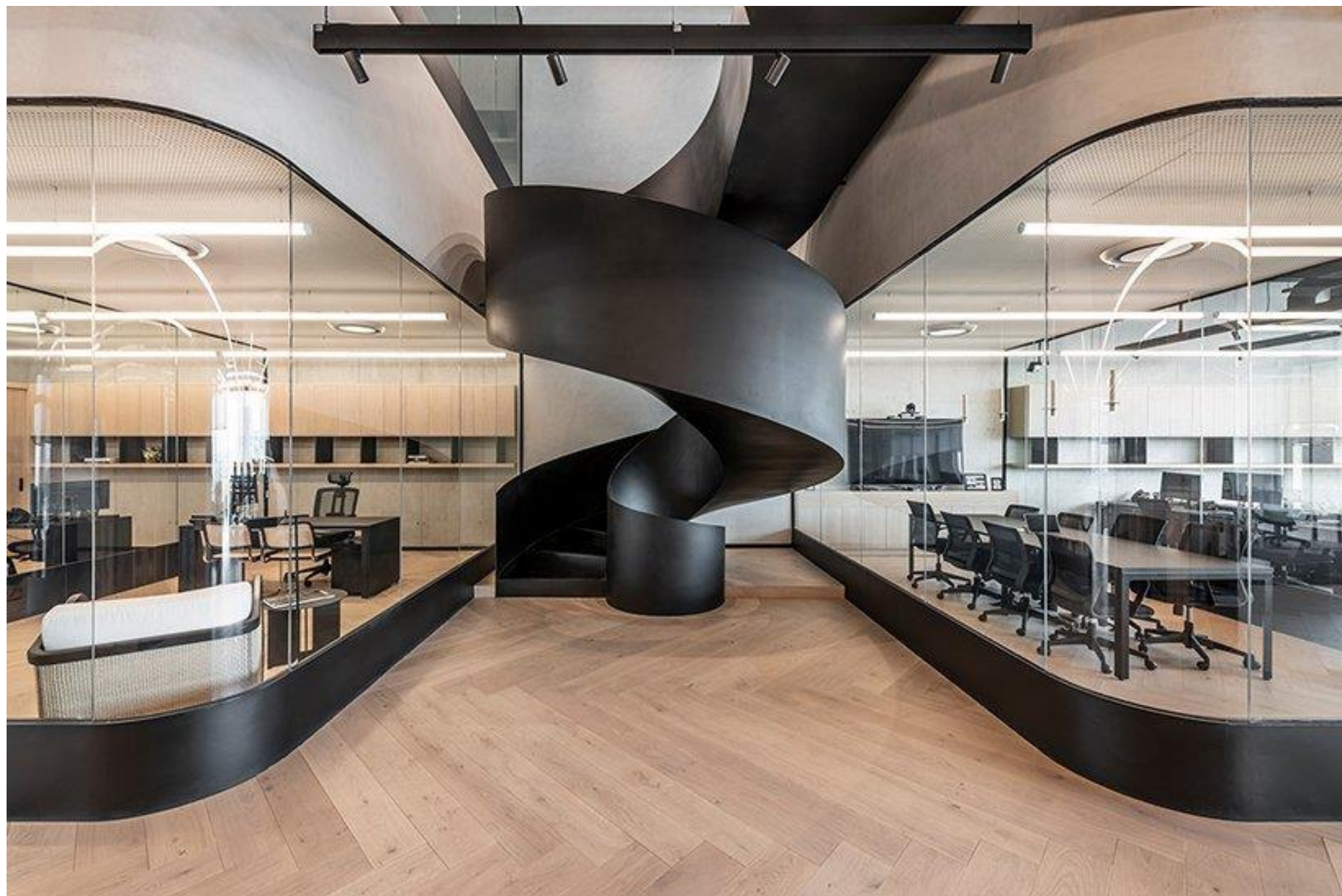










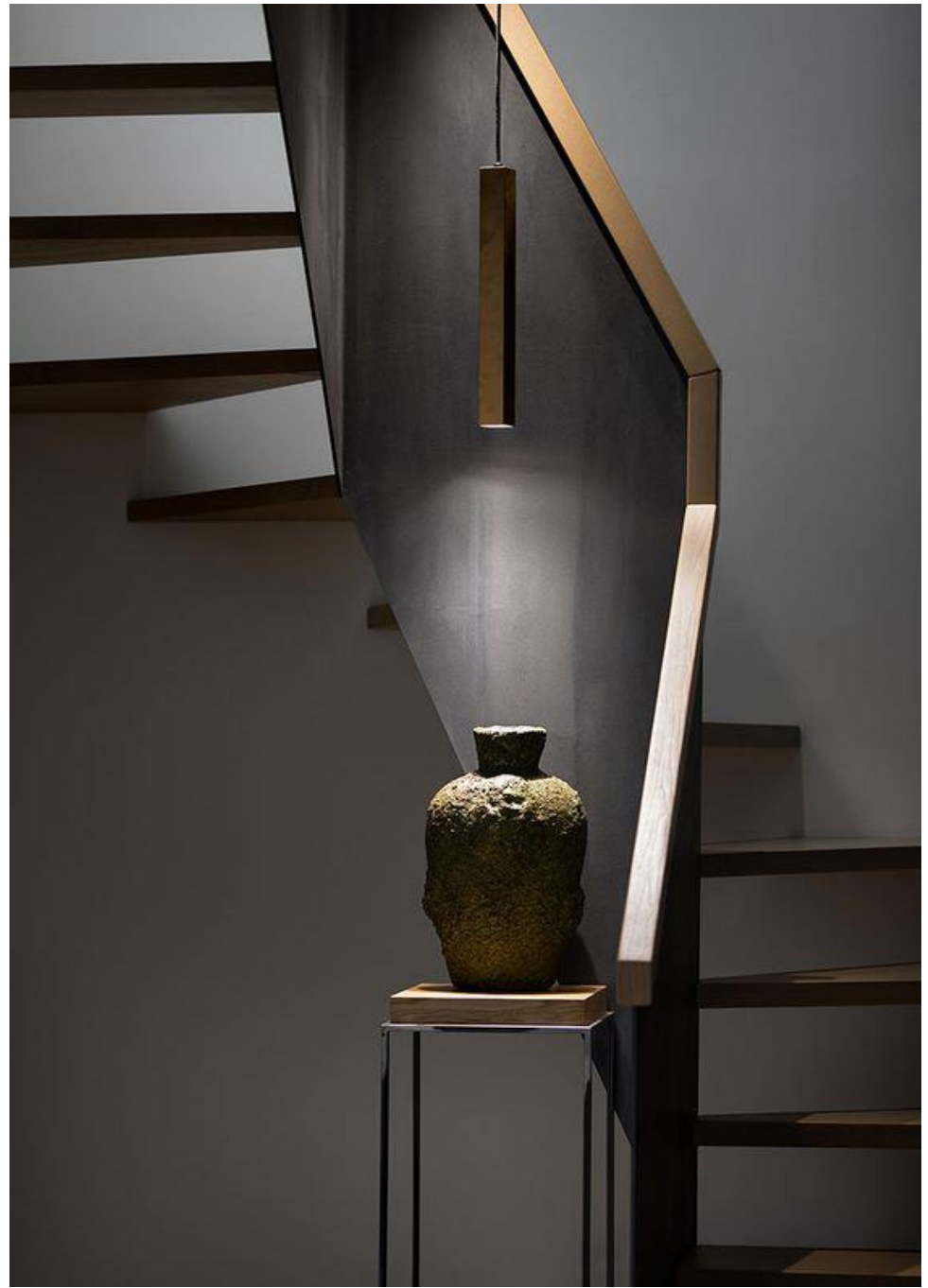












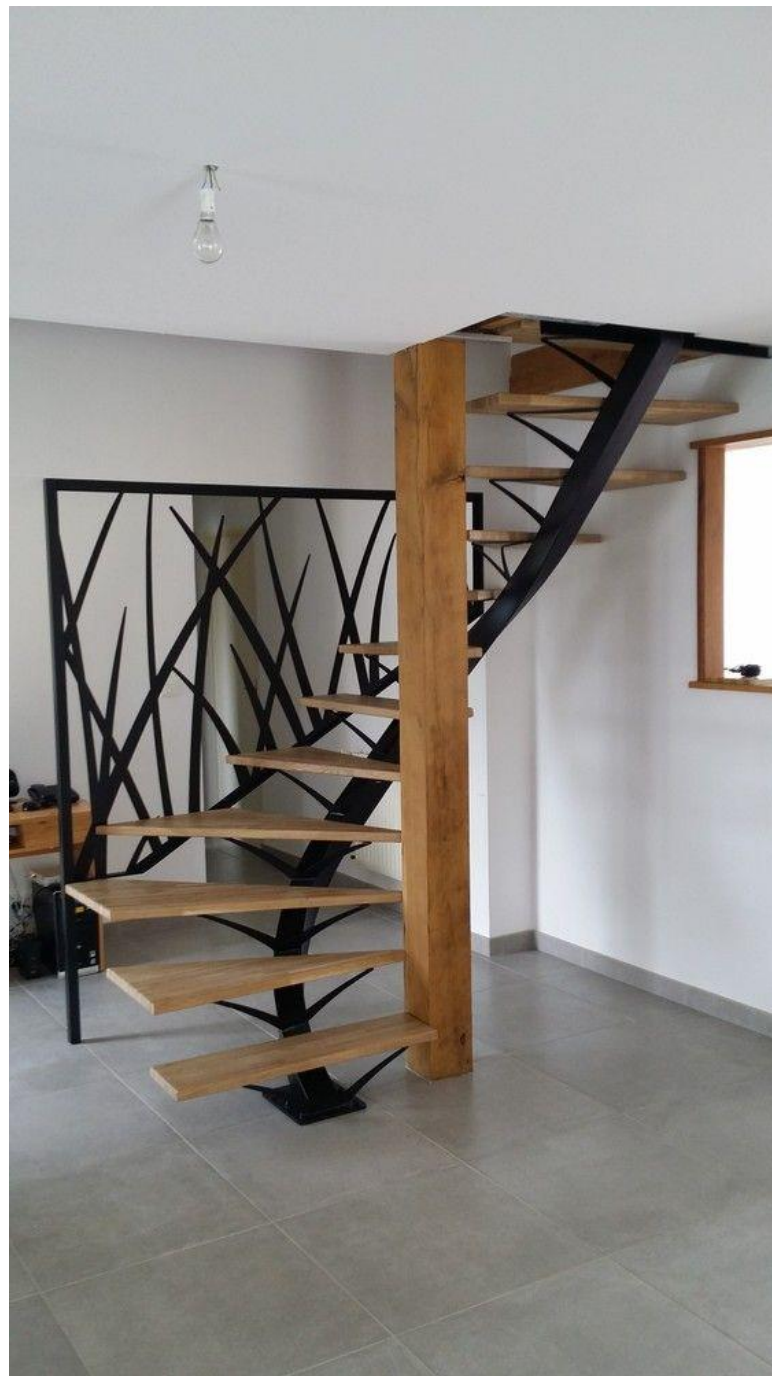




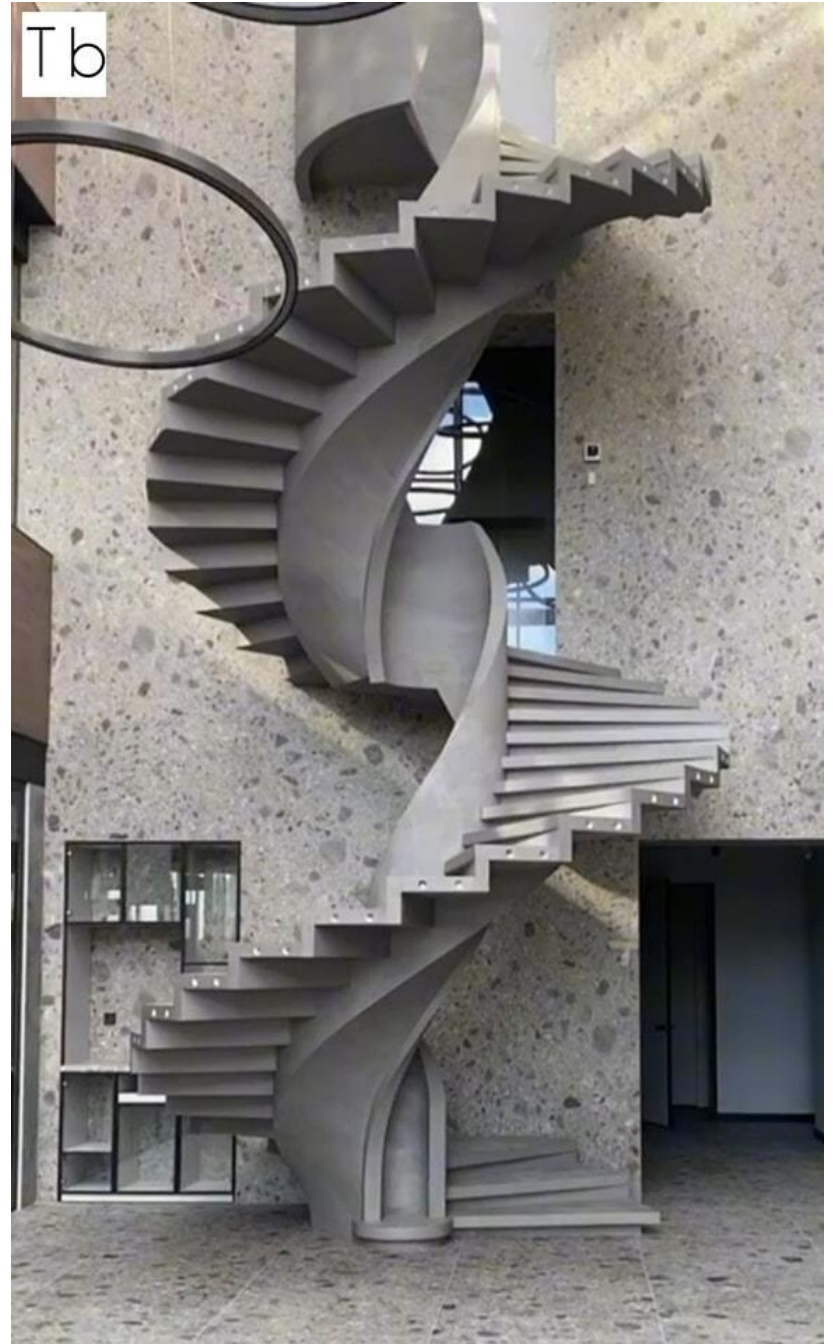










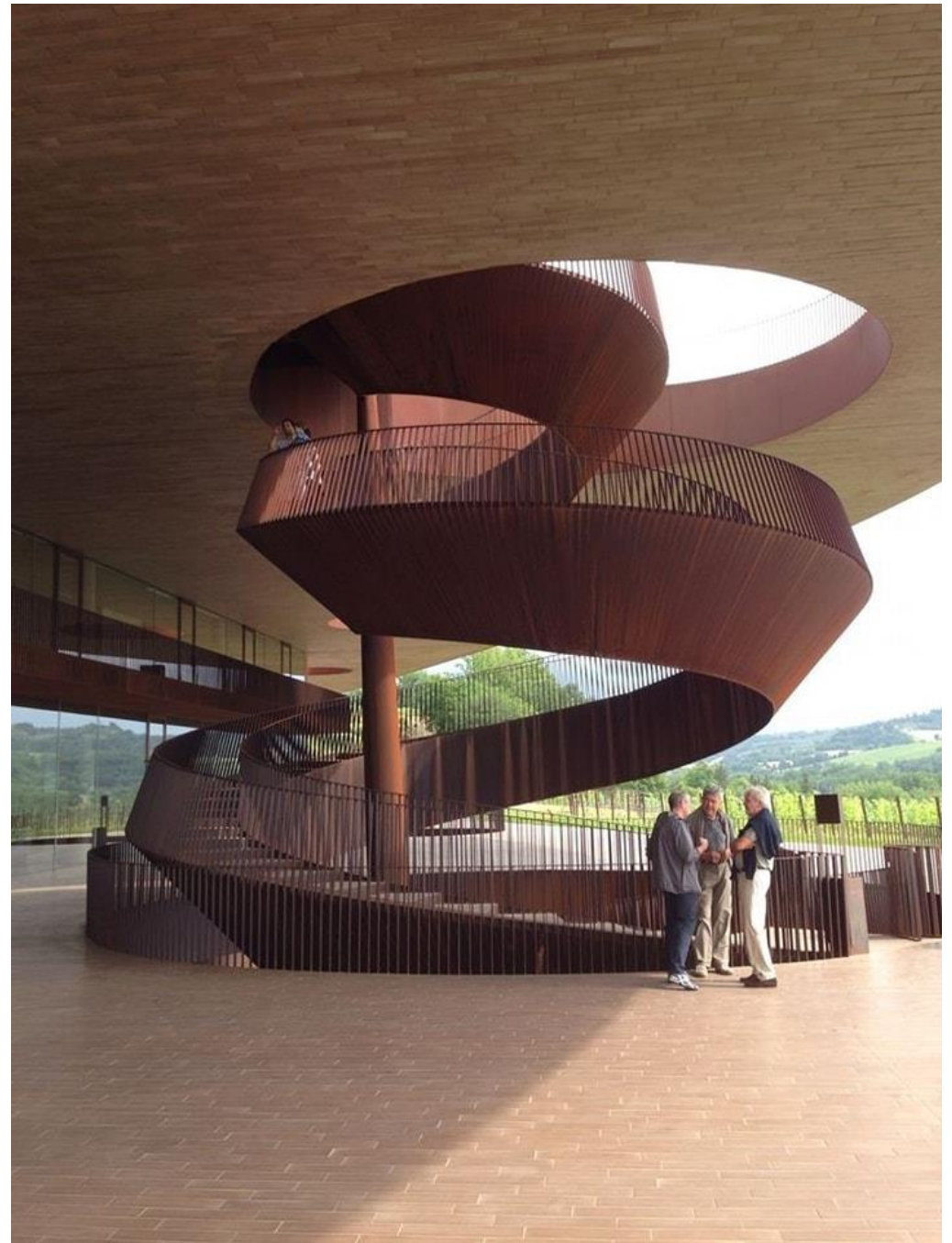


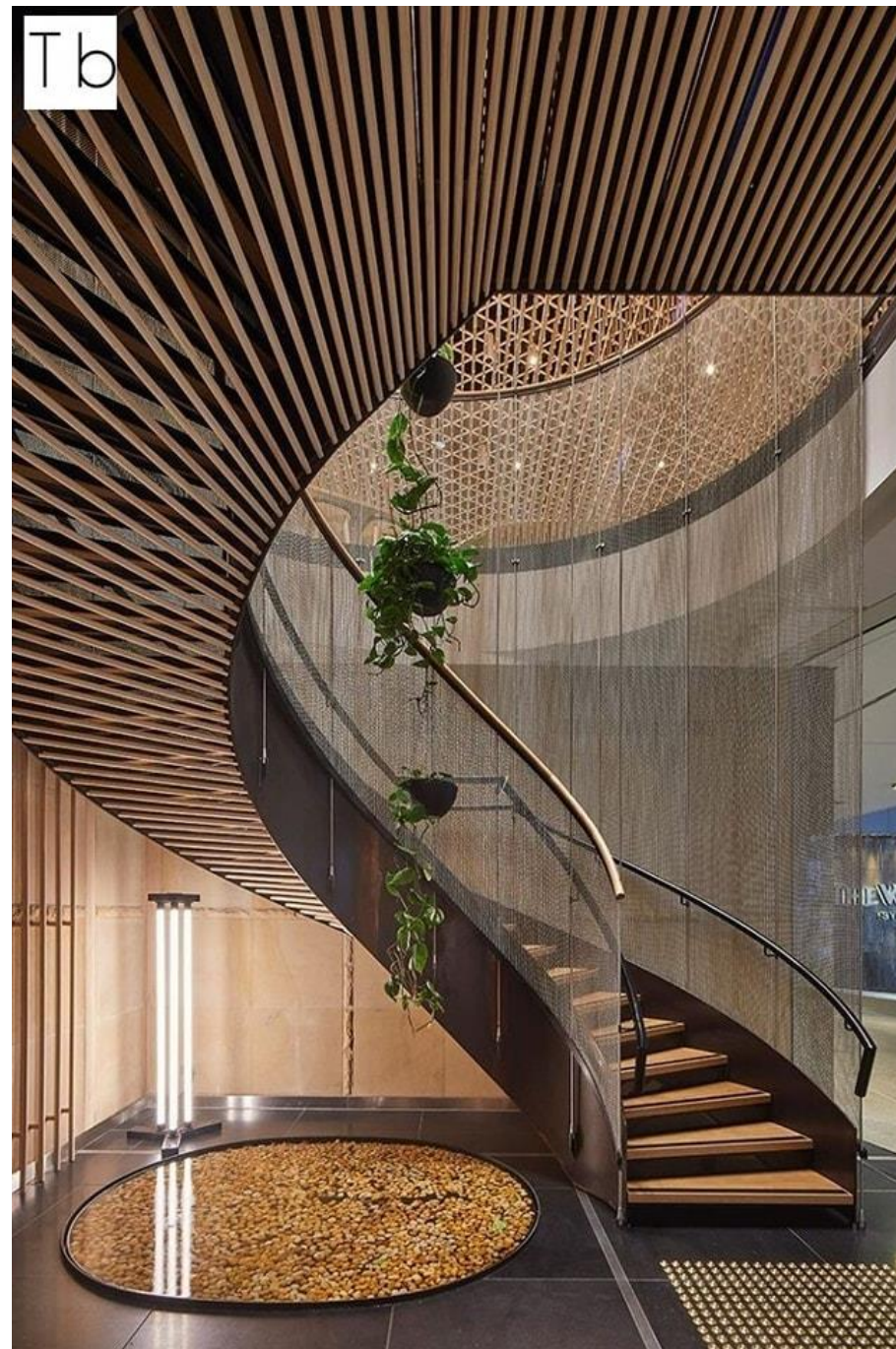


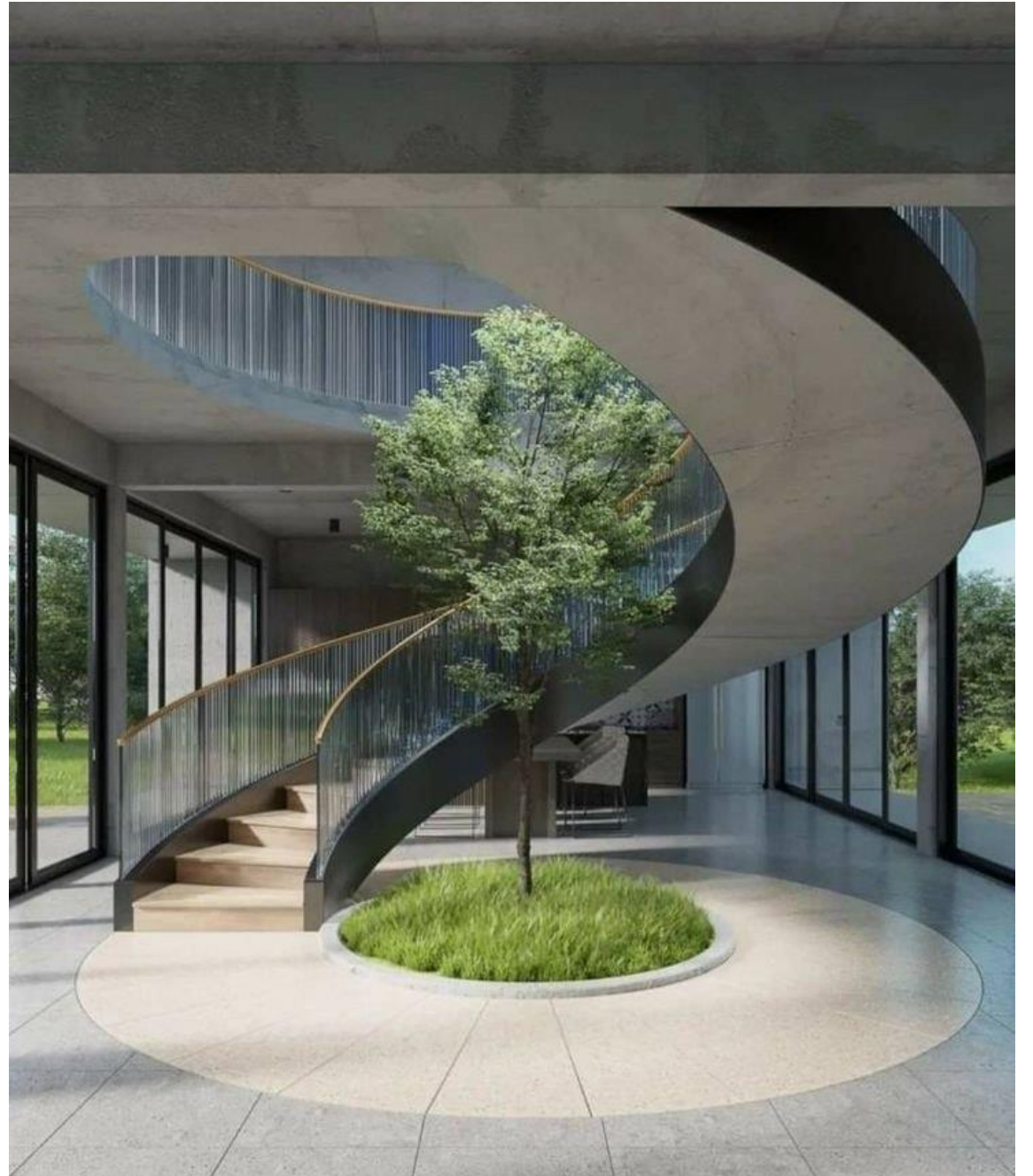




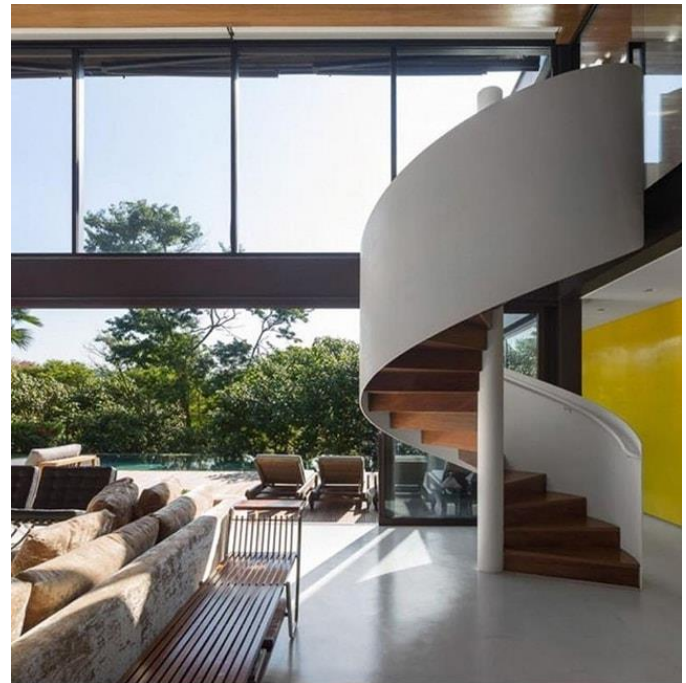


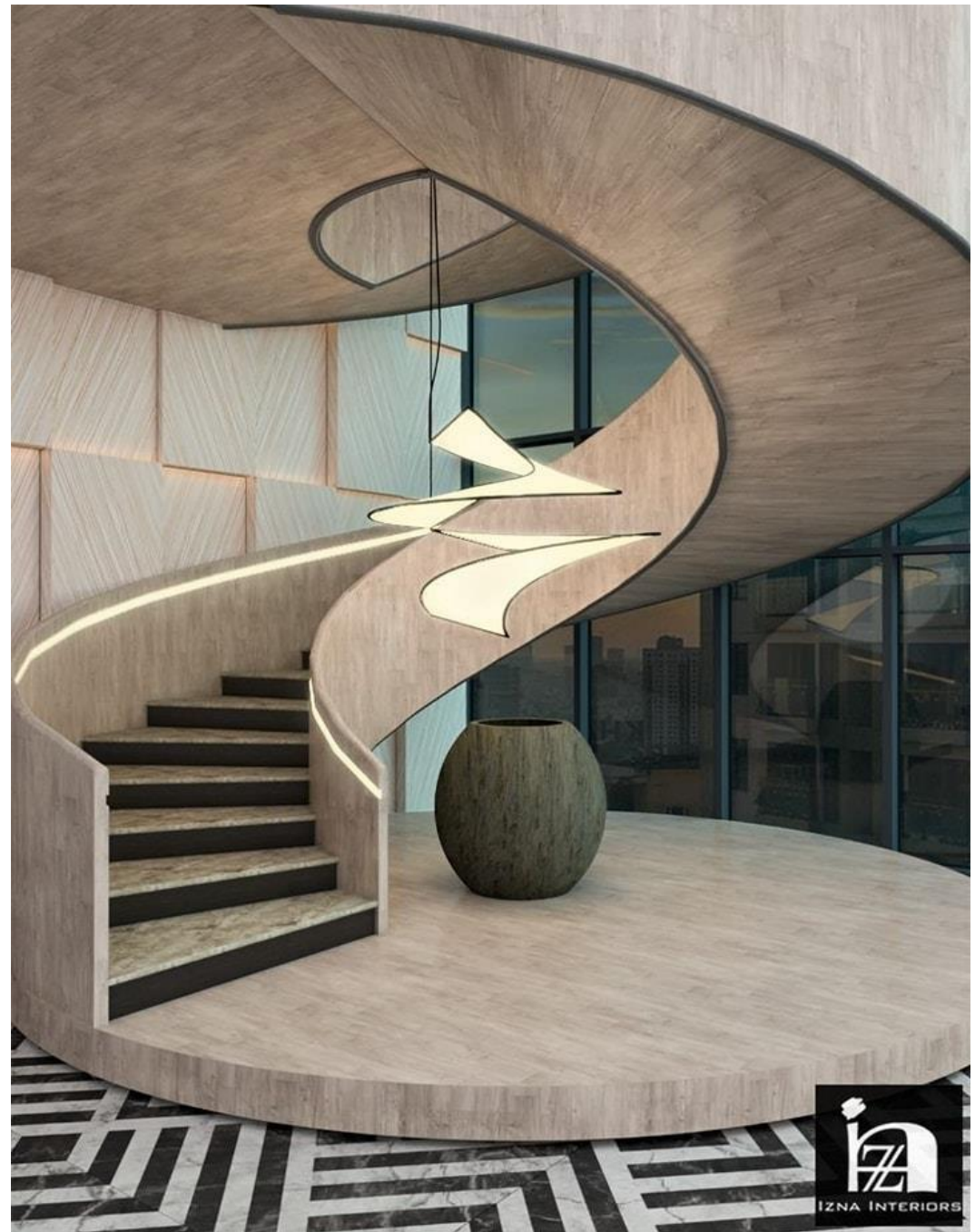


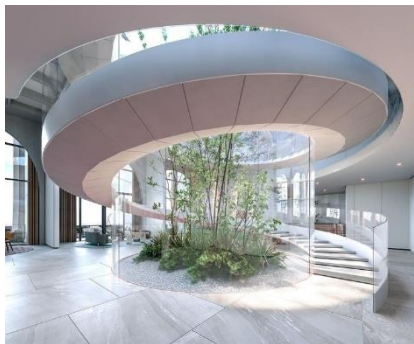








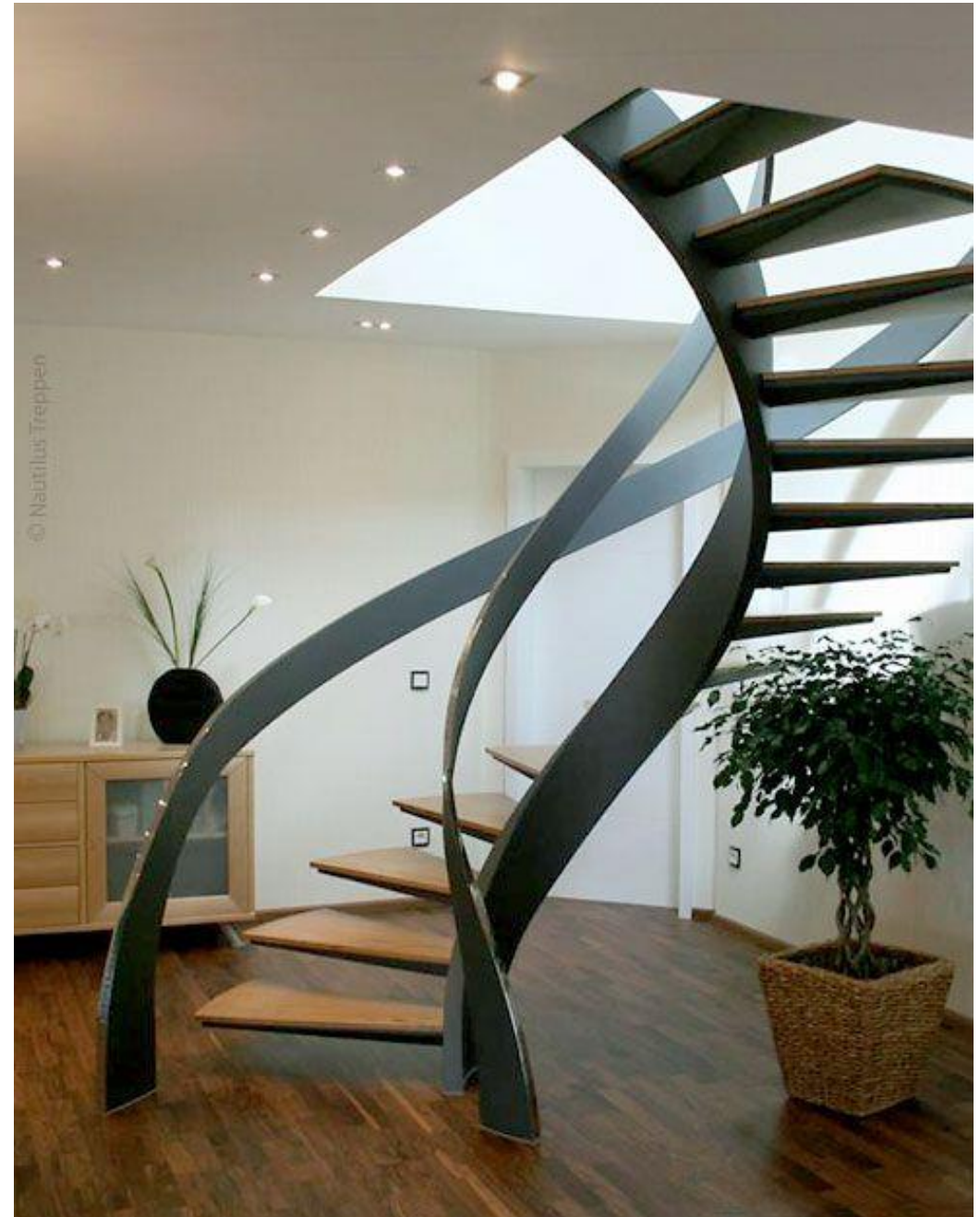






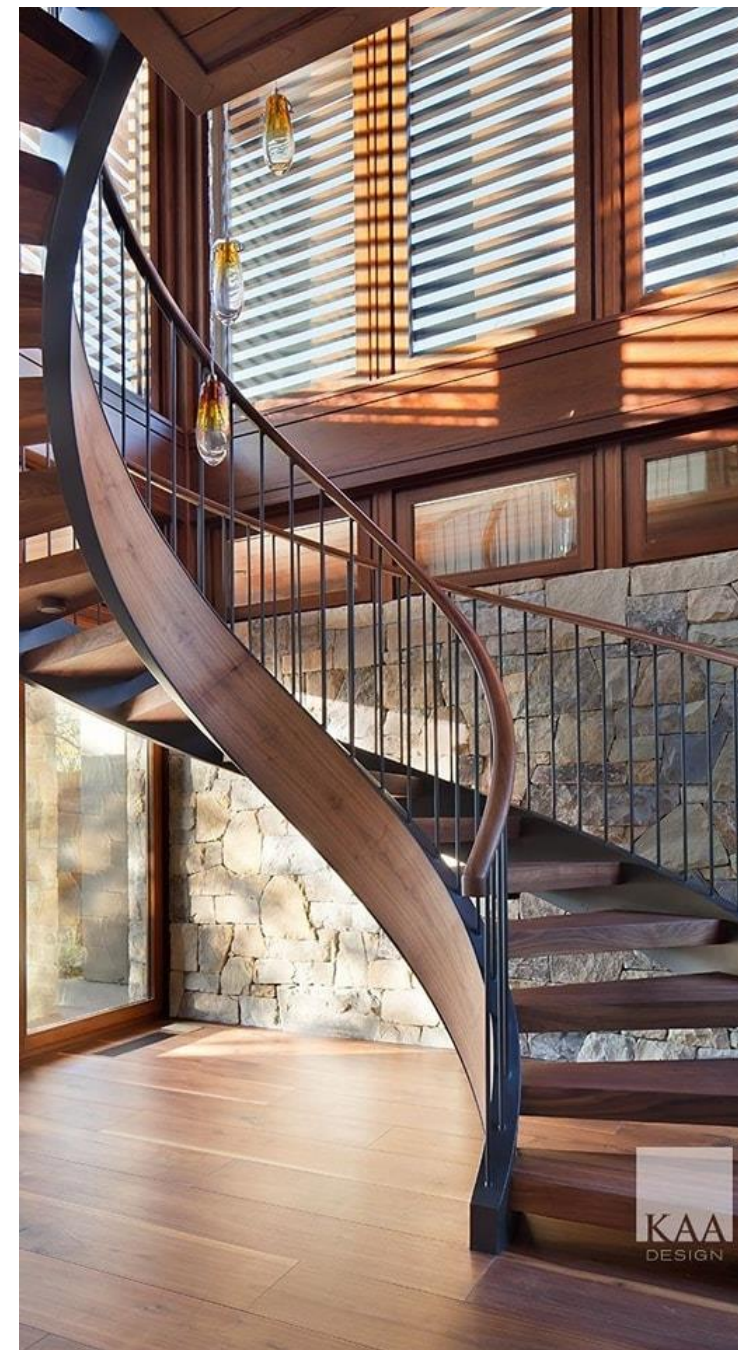
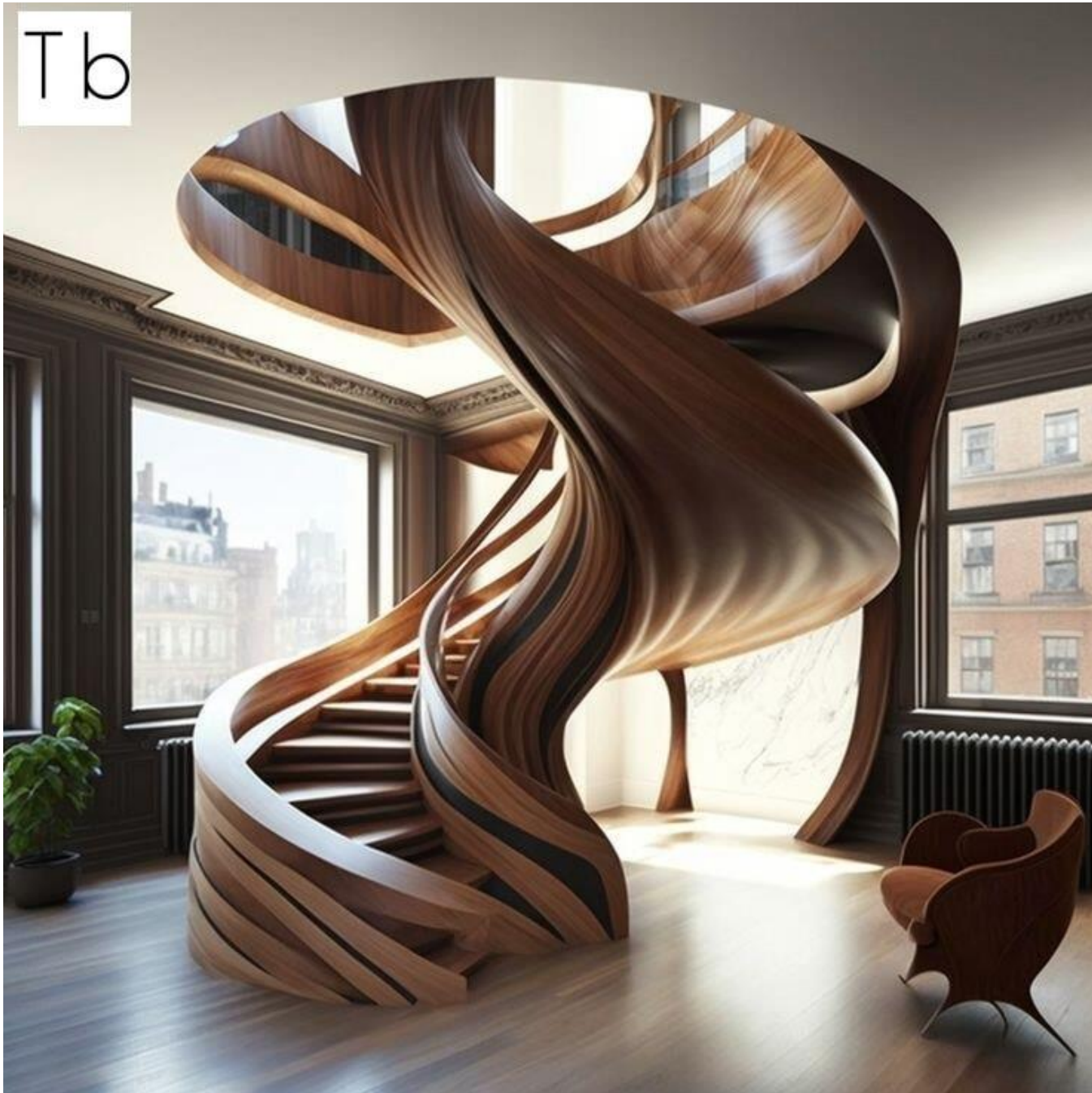














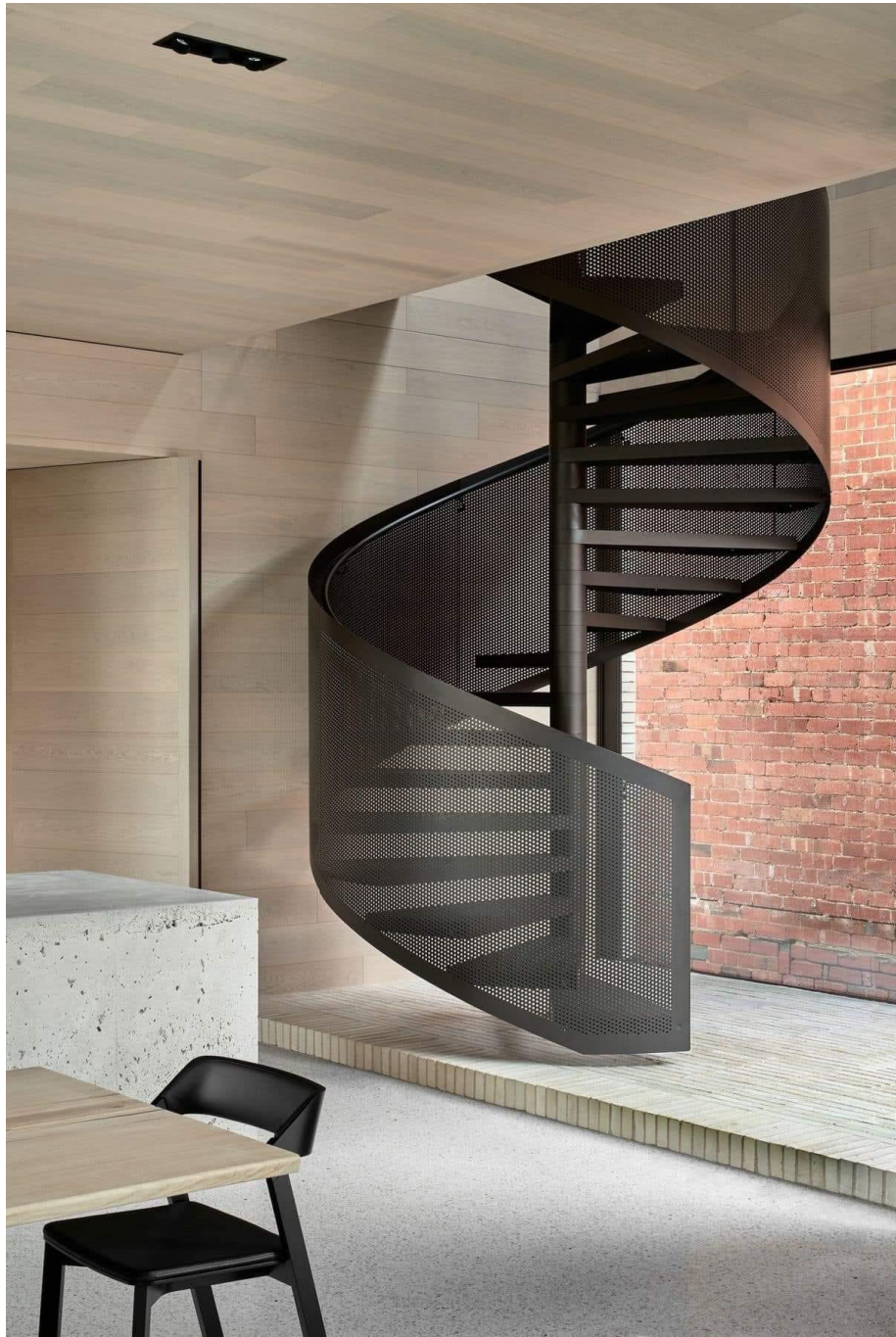




















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