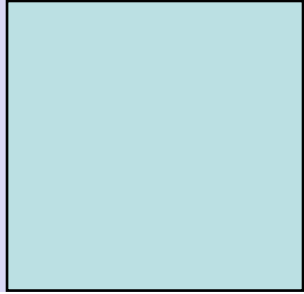


MTE I

PROYECCIONES CILÍNDRICAS O PARALELAS

PROYECCIONES CÓNICAS

DIÉDRICO ORTOGONAL



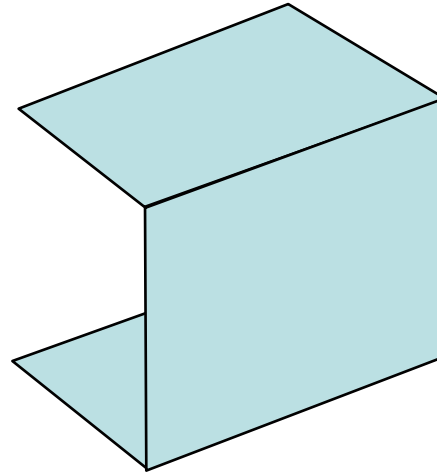
LT

FACHADA

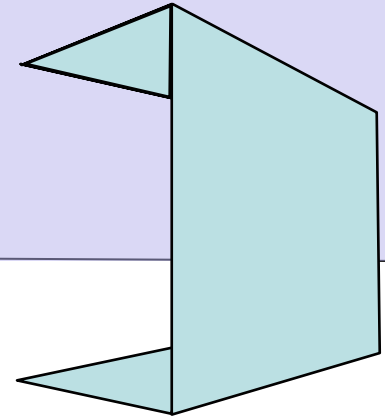


PLANTA

AXONOMETRÍA



PERSPECTIVA CÓNICA

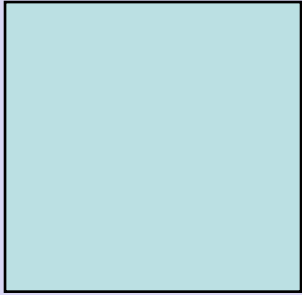


LH

PROYECCIONES CILÍNDRICAS O PARALELAS

DIÉDRICO ORTOGONAL

LT



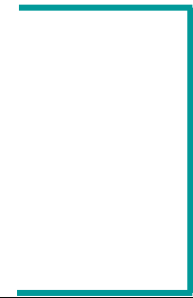
FACHADA



PLANTA



FACHADA LATERAL 1

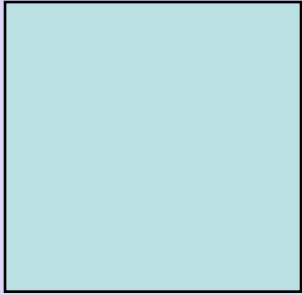


FACHADA LATERAL 2

PROYECCIONES CILÍNDRICAS O PARALELAS

DIÉDRICO ORTOGONAL

LT



2

FACHADA

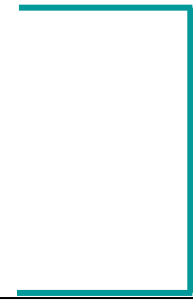


1

PLANTA



FACHADA LATERAL 1



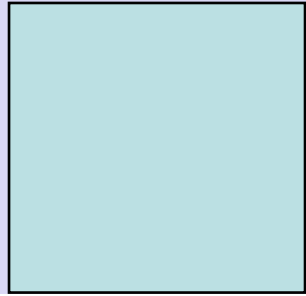
FACHADA LATERAL 2

3

PROYECCIONES CILÍNDRICAS O PARALELAS

PROYECCIONES CÓNICAS

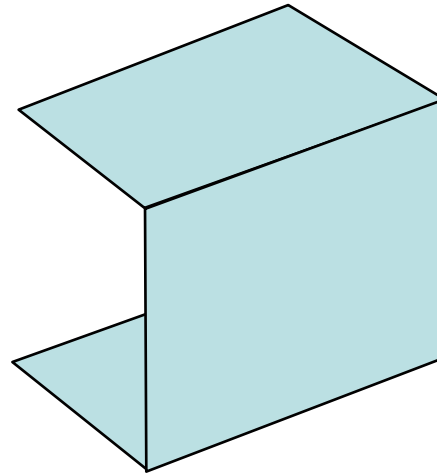
DIÉDRICO ORTOGONAL



CORTE

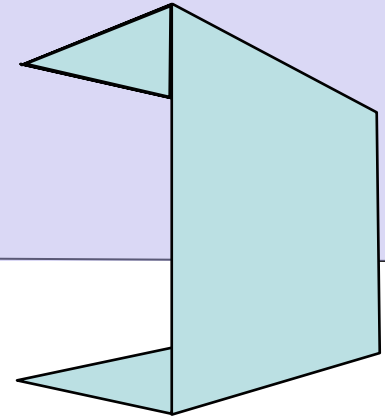


AXONOMETRÍA



PERSPECTIVA CÓNICA

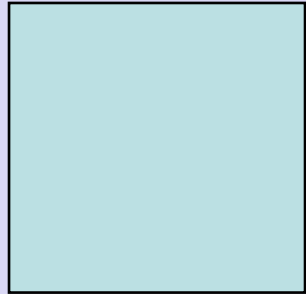
LH



PROYECCIONES CILÍNDRICAS O PARALELAS

PROYECCIONES CÓNICAS

DIÉDRICO ORTOGONAL



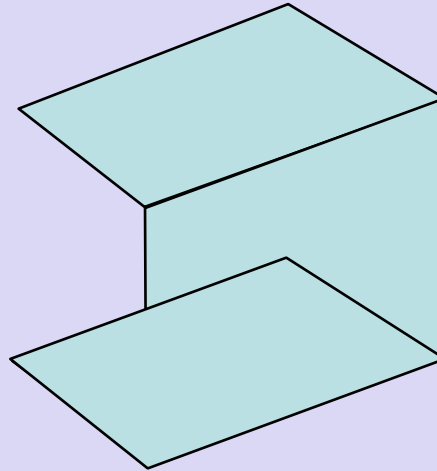
LT

CORTE

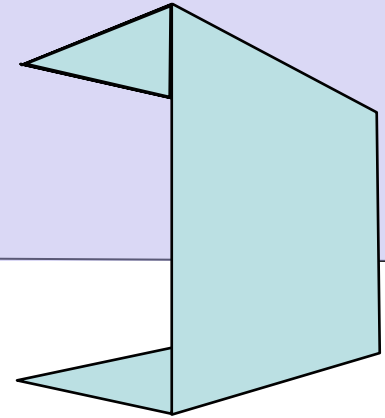


PLANTA

AXONOMETRÍA

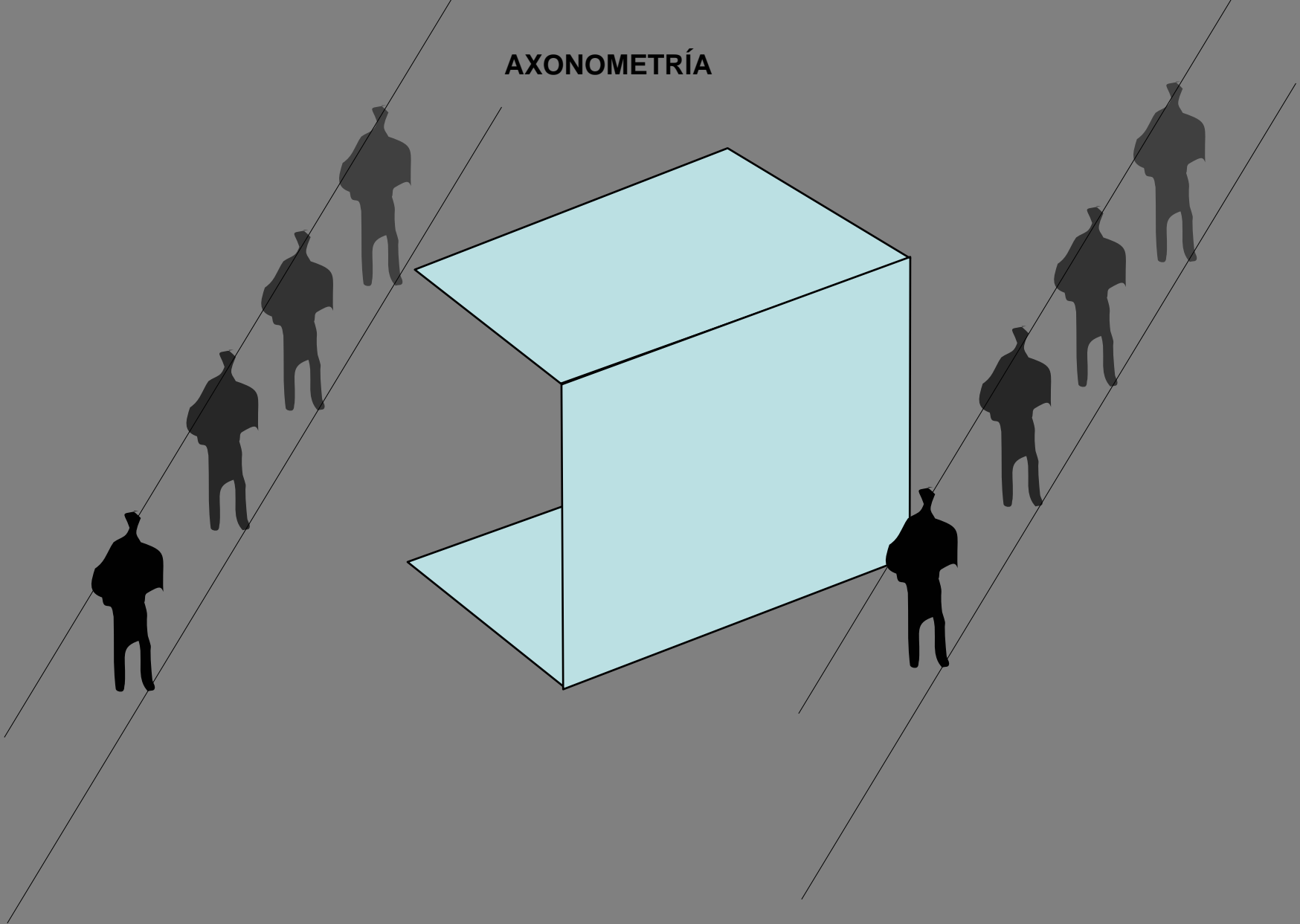


PERSPECTIVA CÓNICA



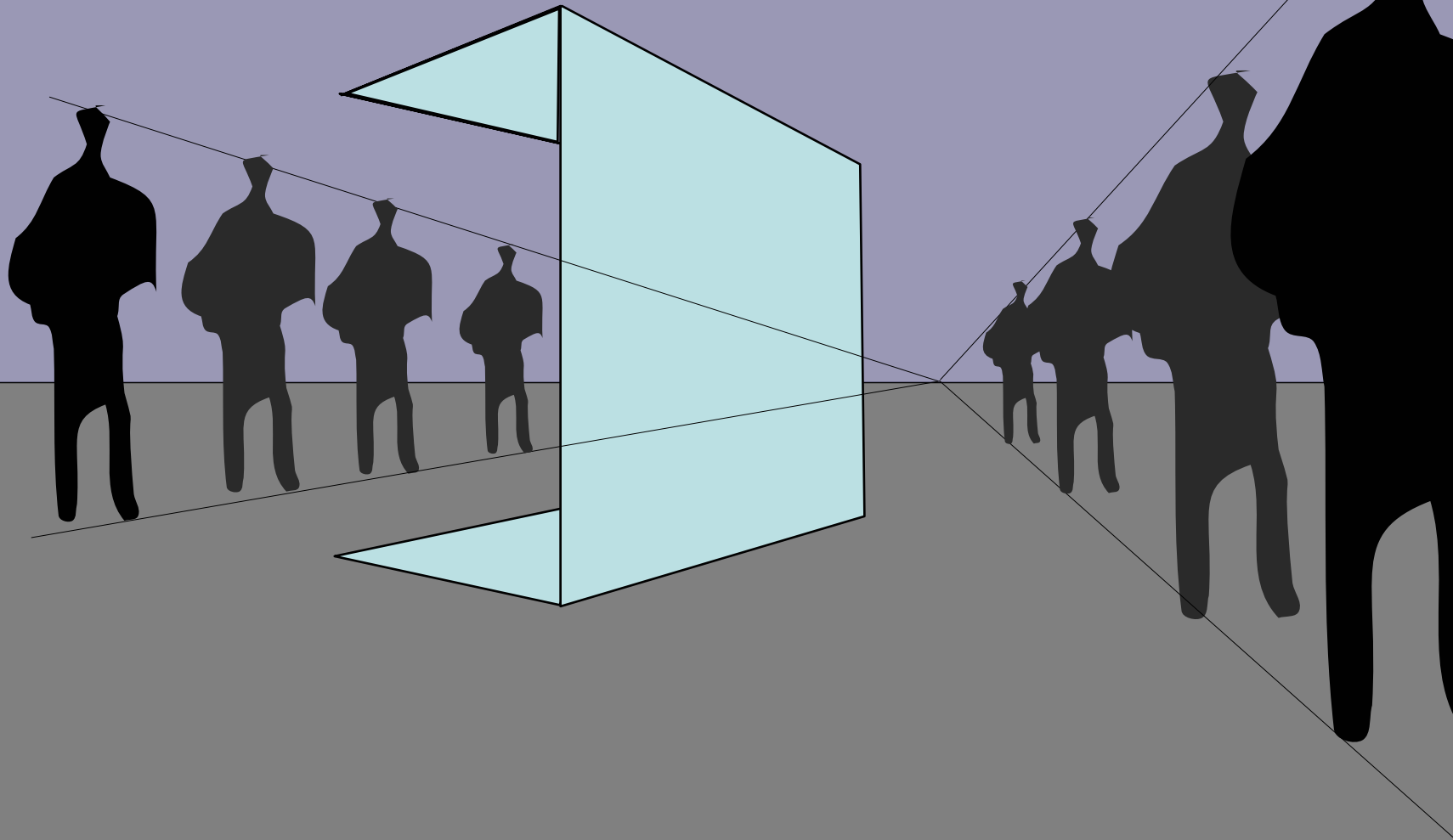
LH

AXONOMETRÍA

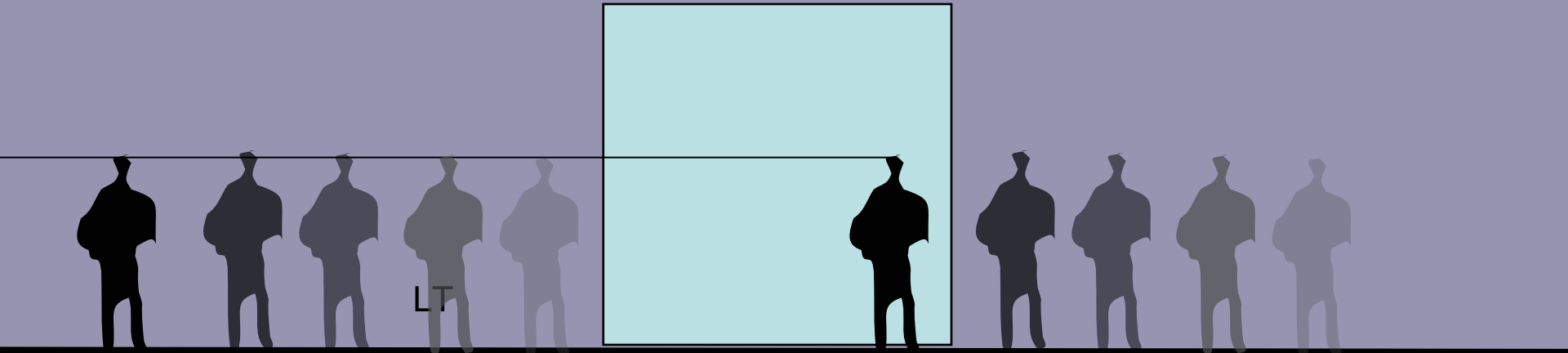


PERSPECTIVA CÓNICA

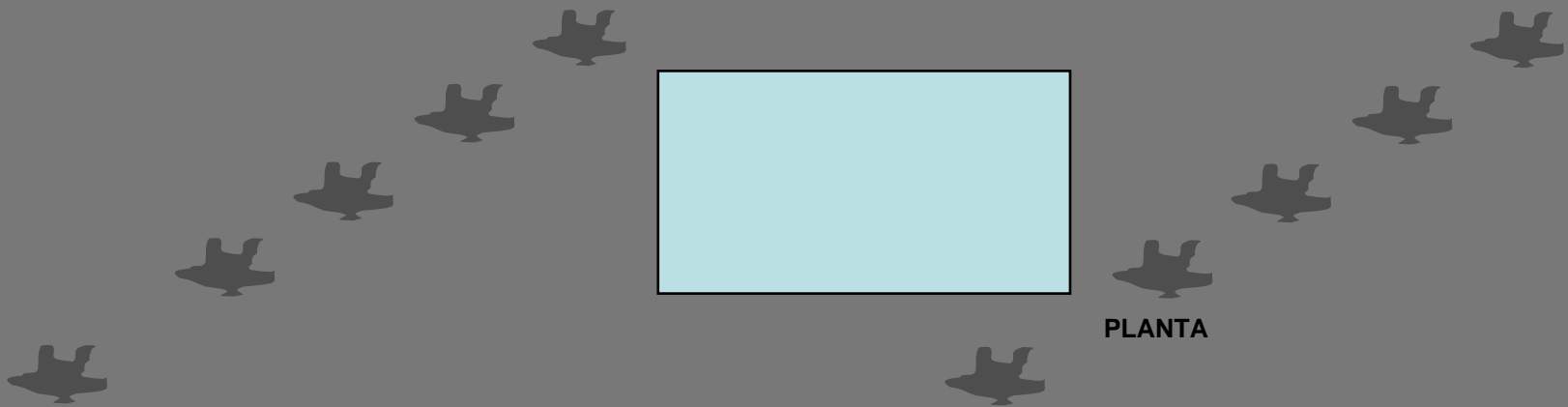
LH



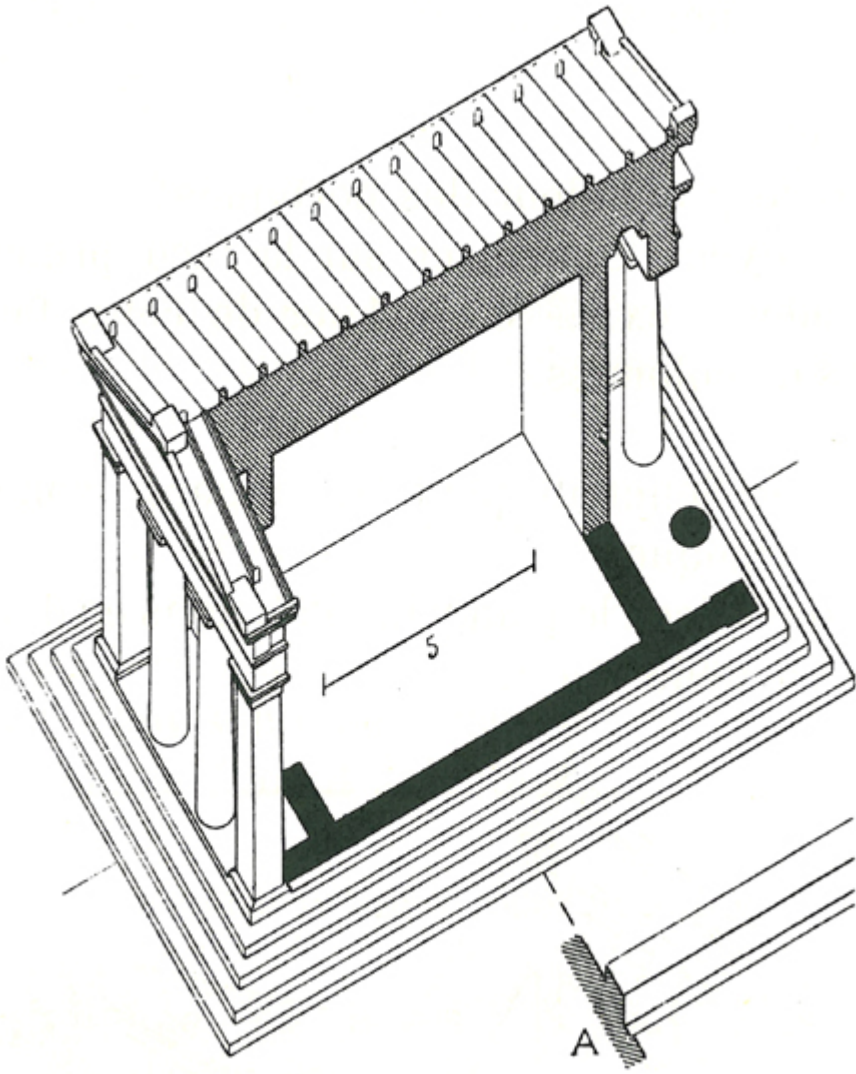
DIÉDRICO ORTOGONAL



CORTE



PLANTA



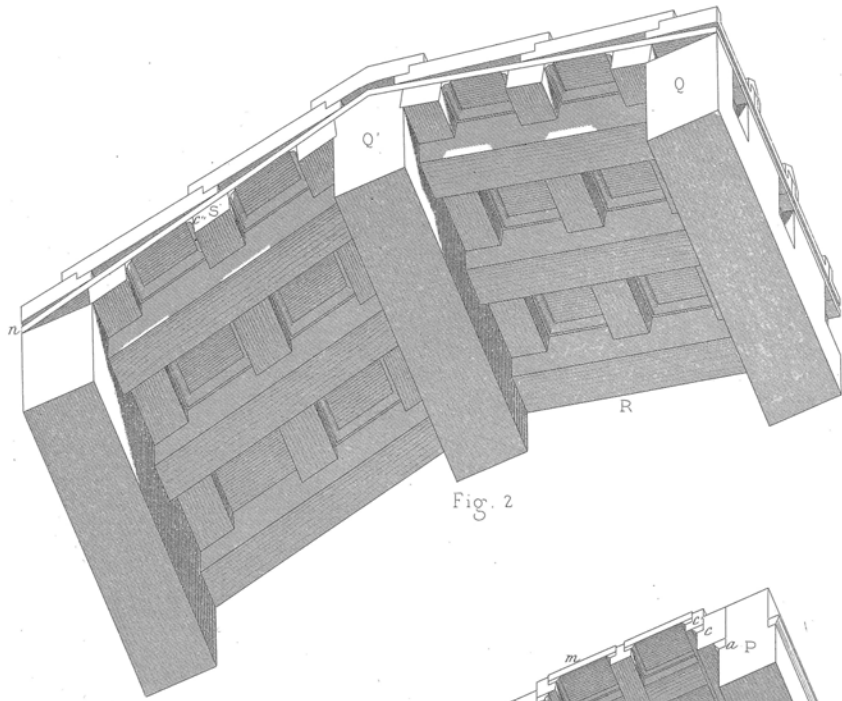


Fig. 2

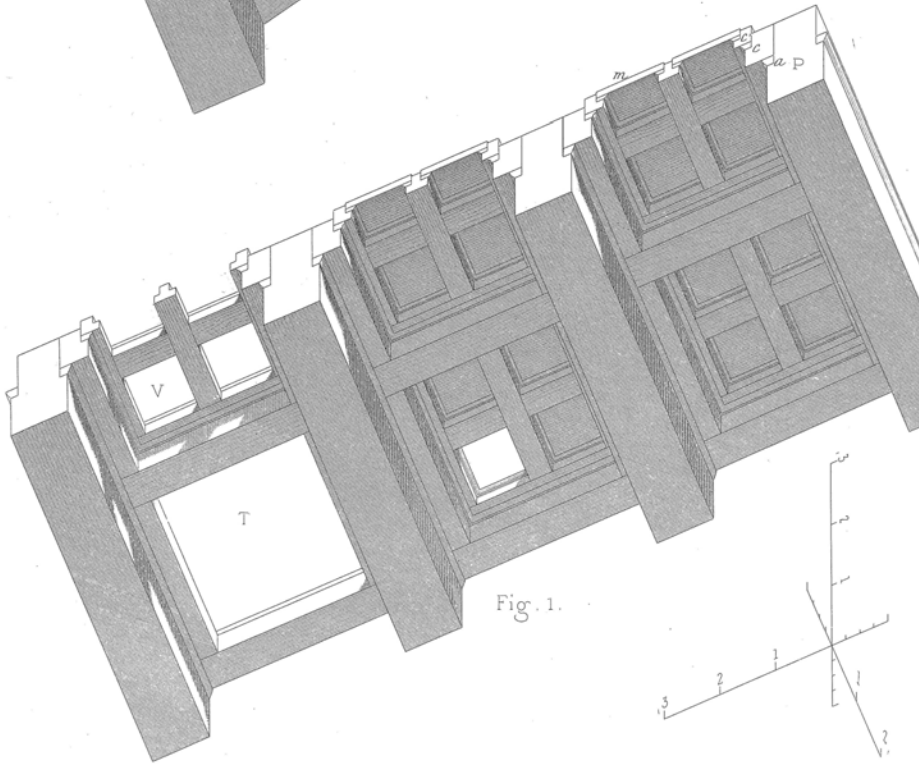
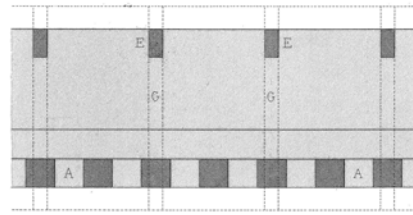
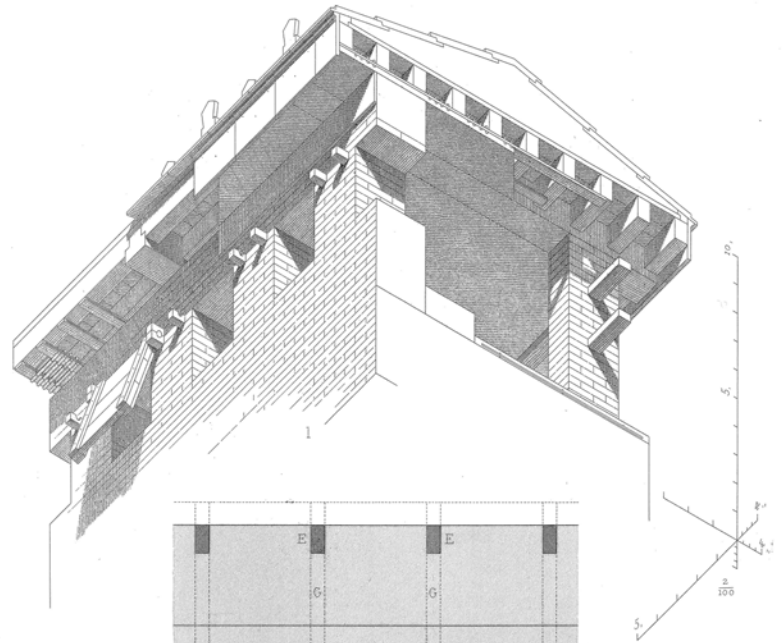
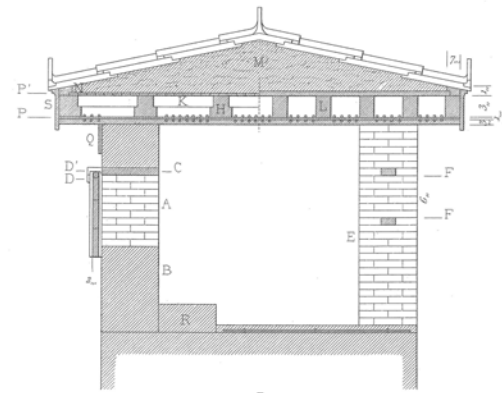


Fig. 1.



2



3

PROYECCIONES

PROYECCIONES PARALELAS (o cilíndricas)

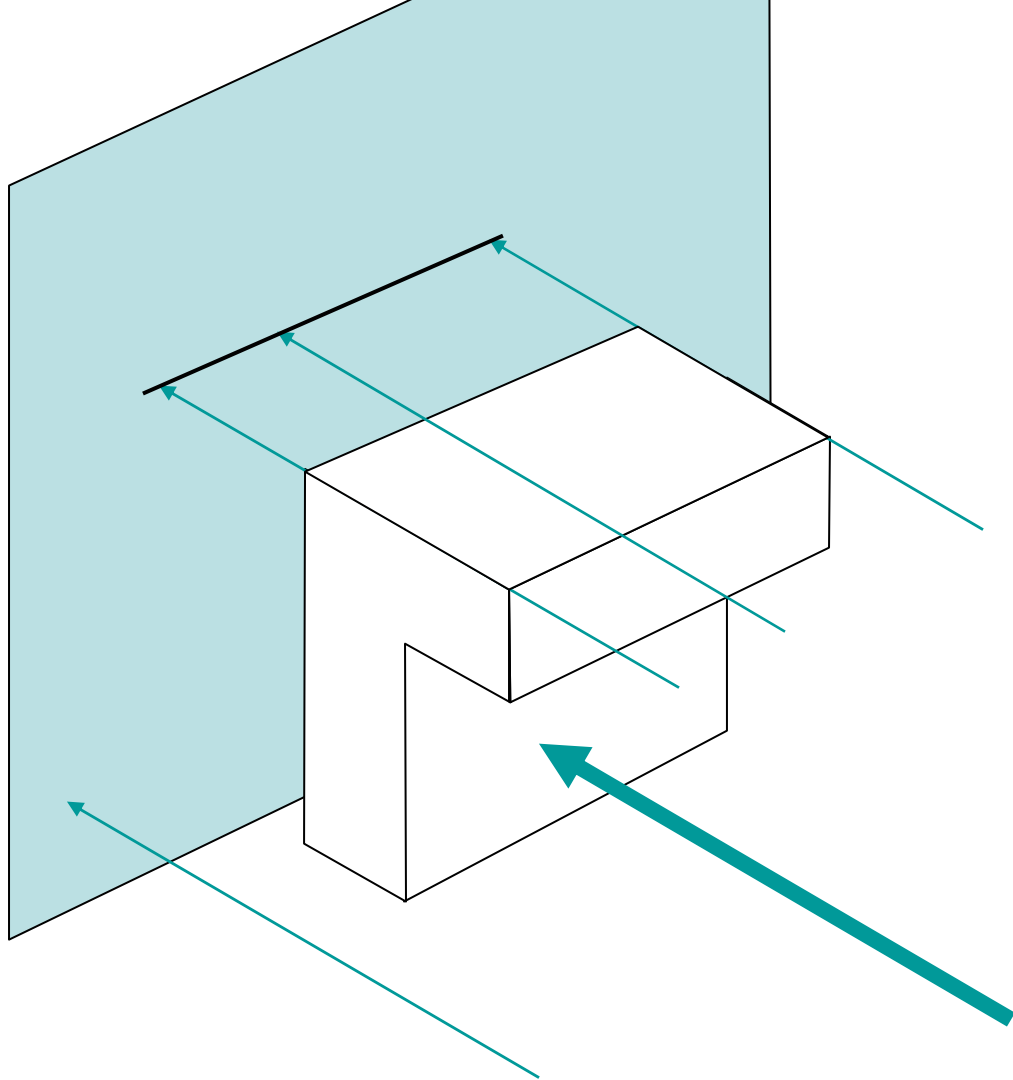
PROYECCIONES PARALELAS ORTOGONALES

SISTEMA DIÉDRICO ORTOGONAL **SDO**

OBJETO

PROYECTANTES

CUADRO O PLANO DE REPRESENTACIÓN

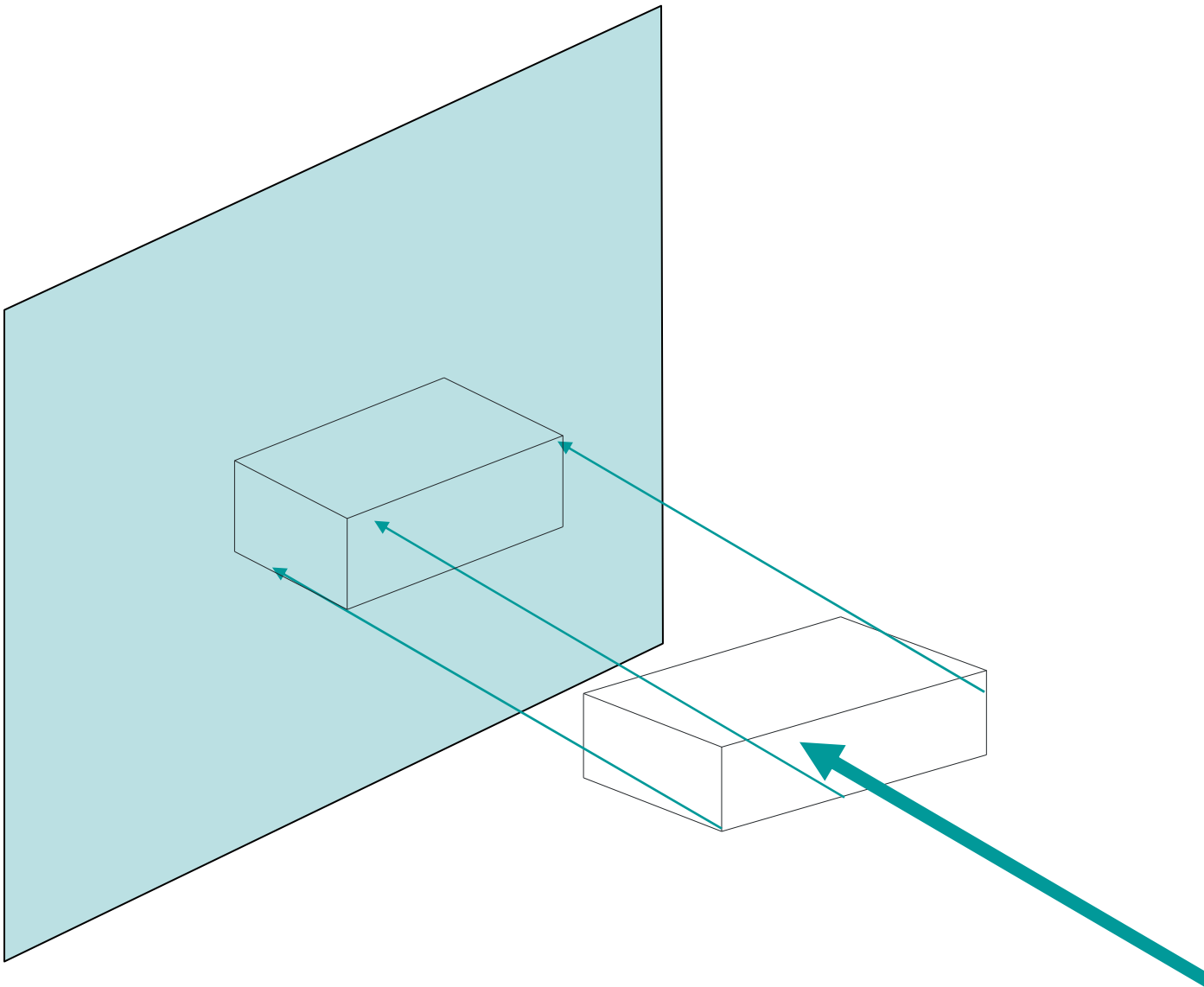


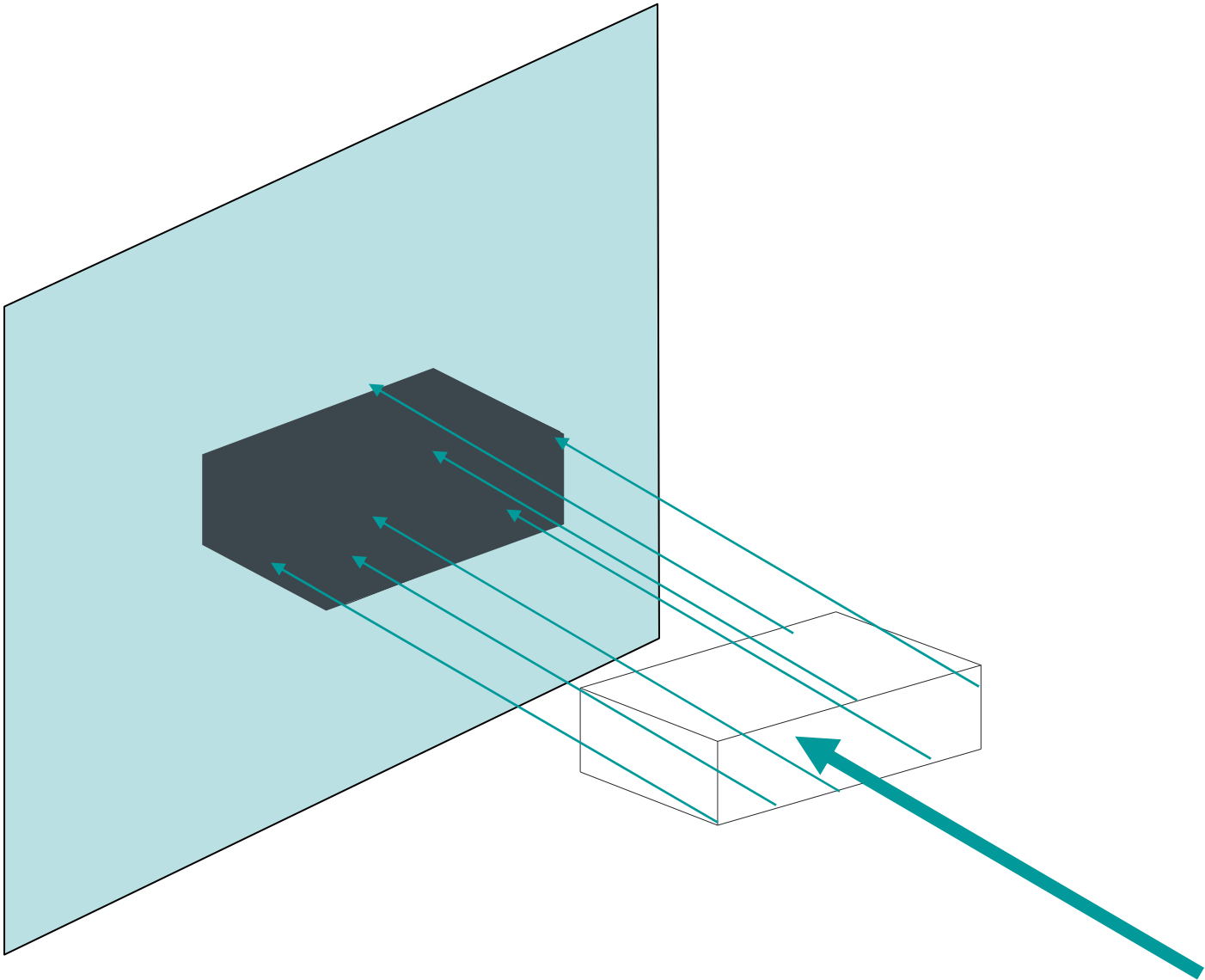
**PROYECCIONES PARALELAS
O CILÍNDRICAS**

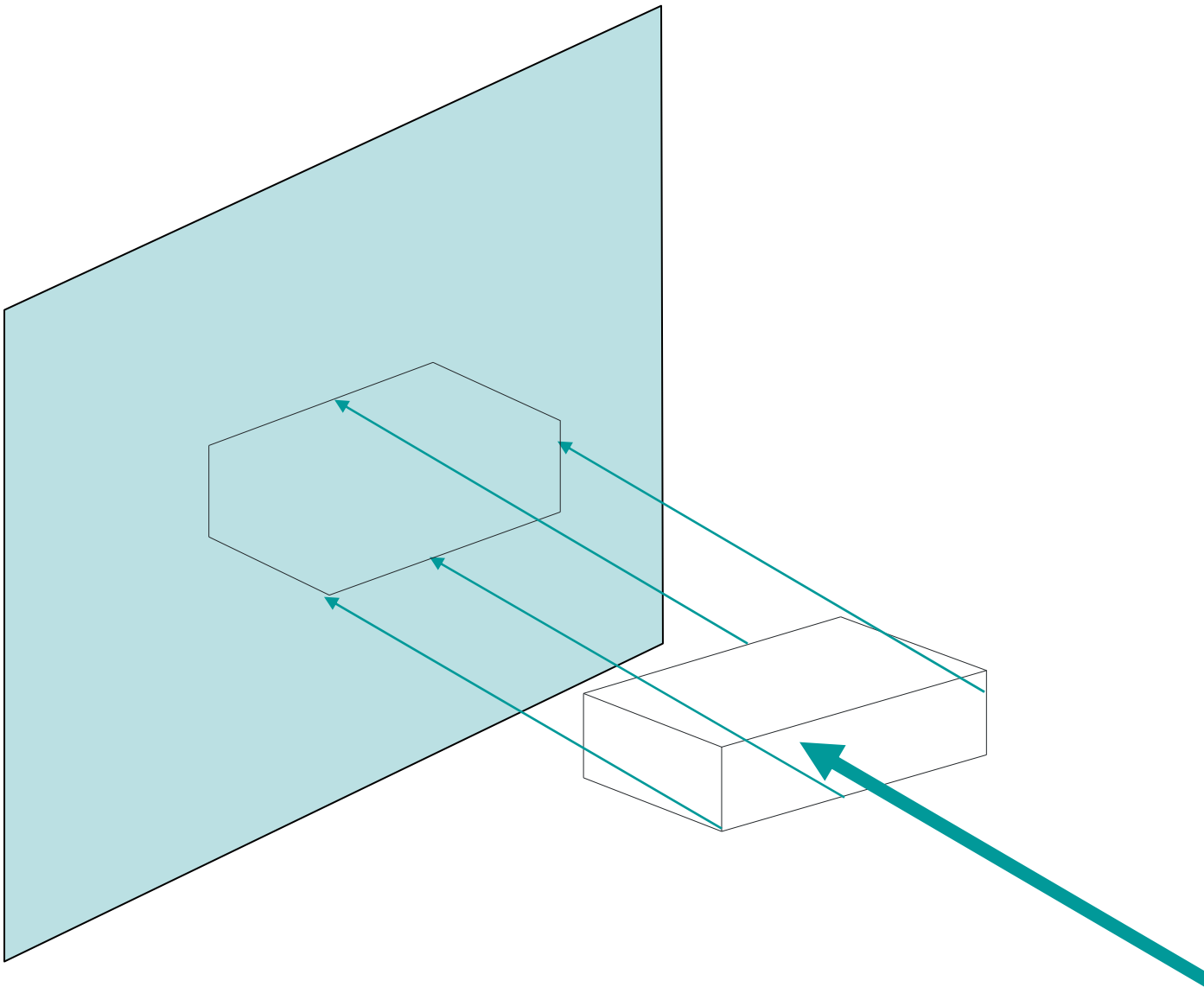
**PROYECCIONES
ORTOGONALES**

**proyectantes
perpendiculares al plano
de representación...**

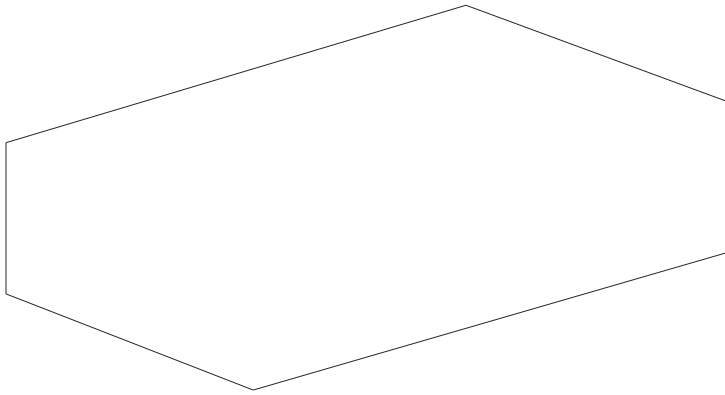
**cualquiera sea la
ubicación del objeto**



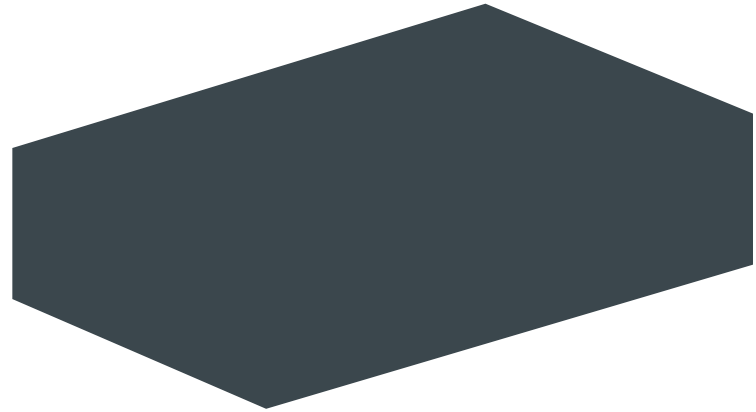




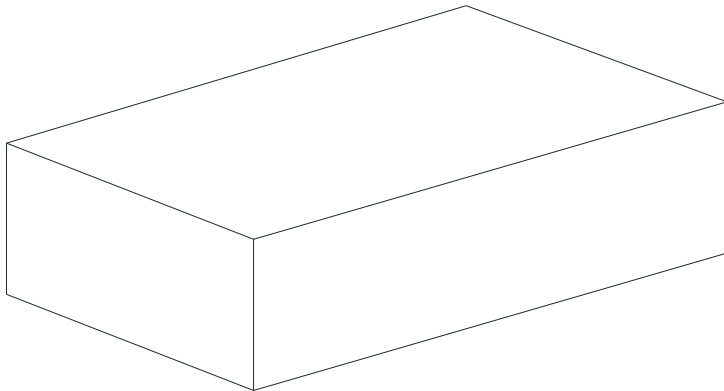
PERFIL – proyectantes tangentes al objeto



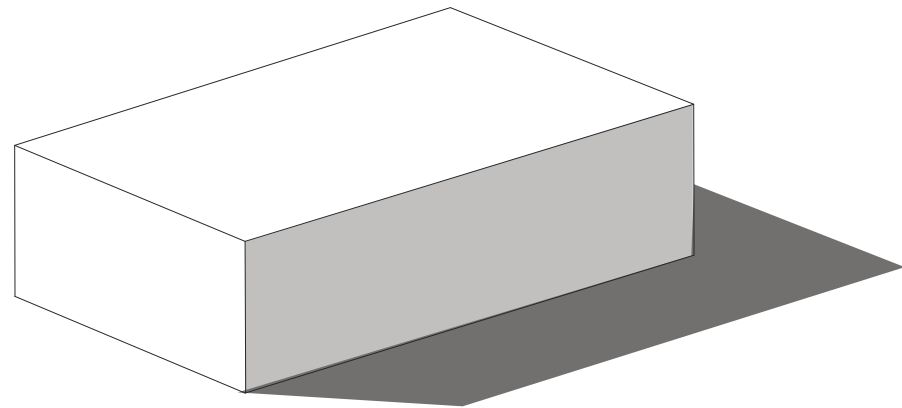
SILUETA – todas las proyectantes que pasan por el objeto

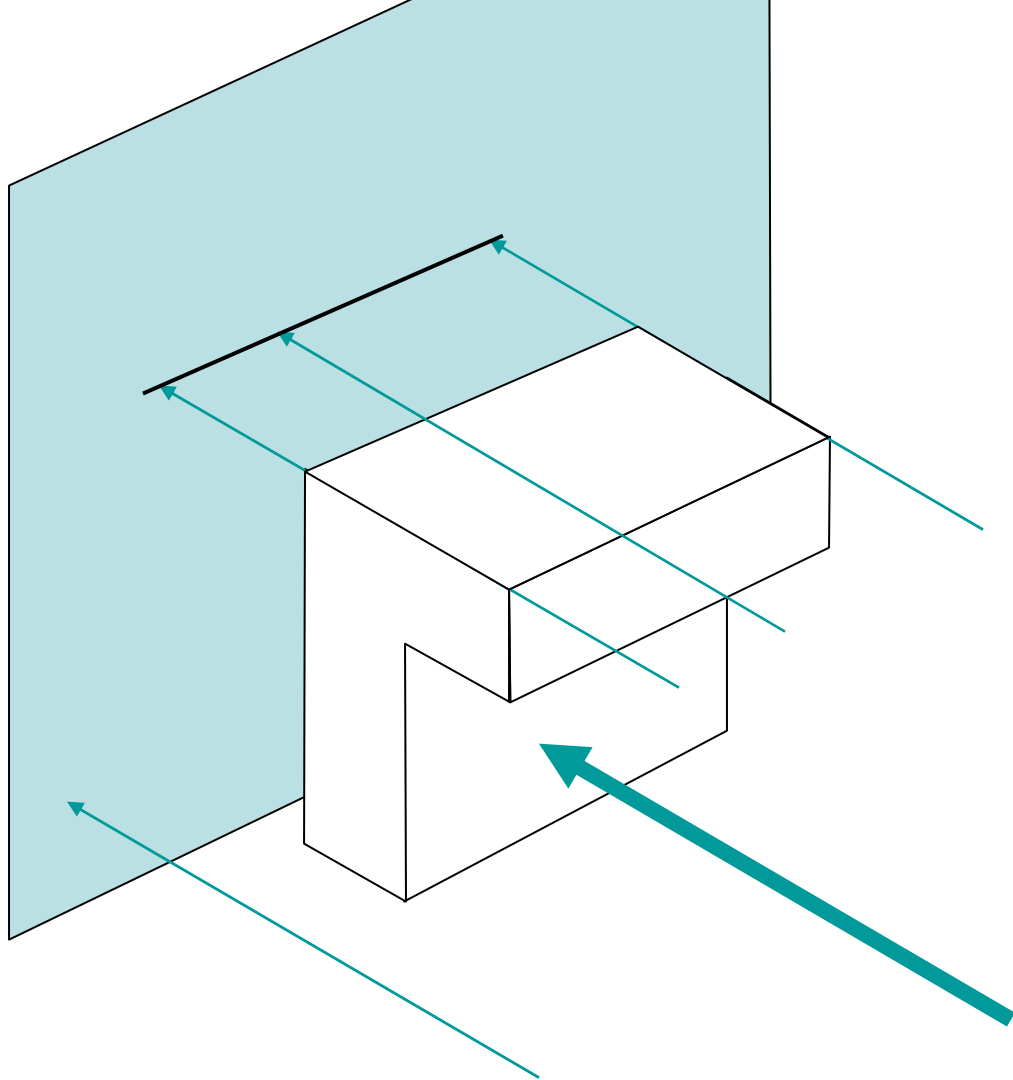


LINEAL - Aristas significativas



CLAROSCURO - Aristas significativas + luces y sombras



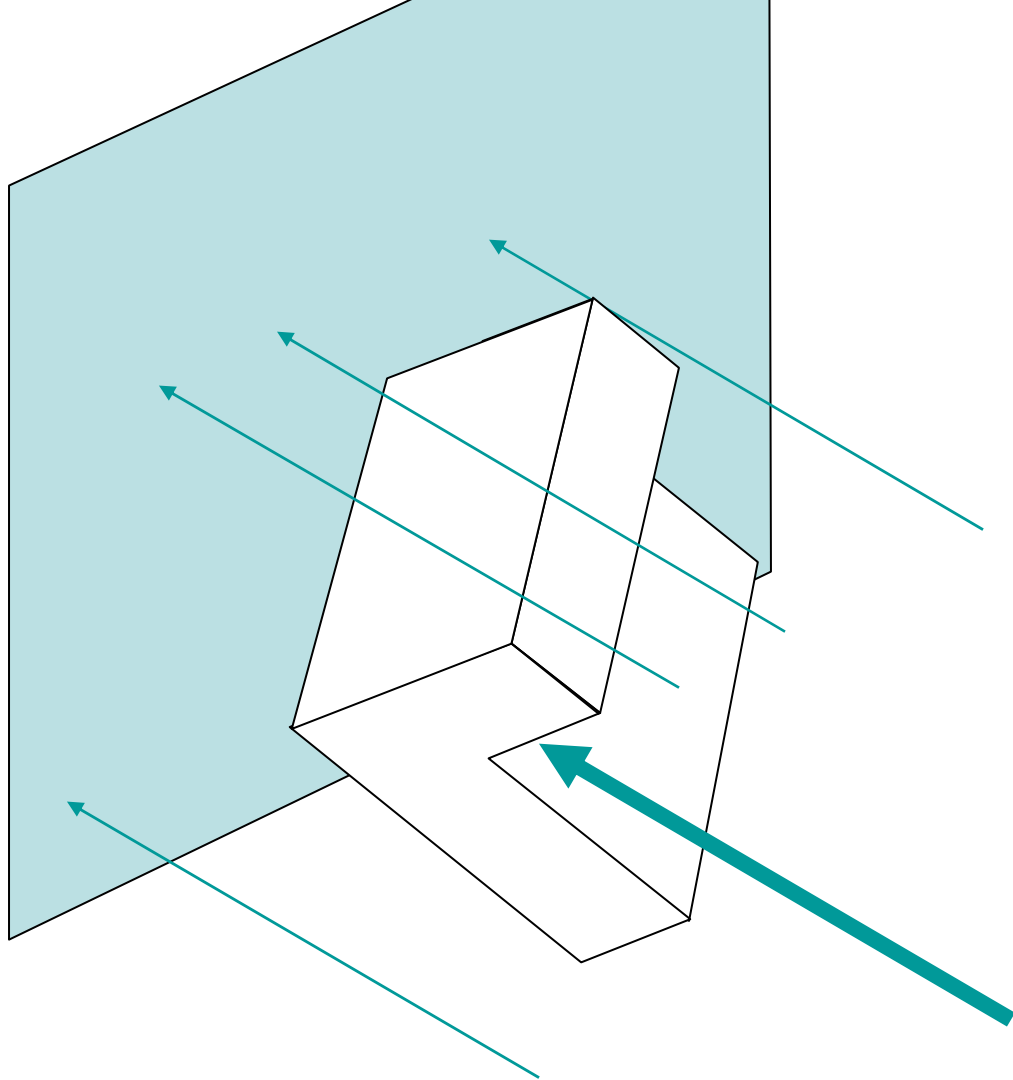


**PROYECCIONES PARALELAS
O CILÍNDRICAS**

**PROYECCIONES
ORTOGONALES**

**proyectantes
perpendiculares al plano
de representación...**

**cualquiera sea la
ubicación del objeto**

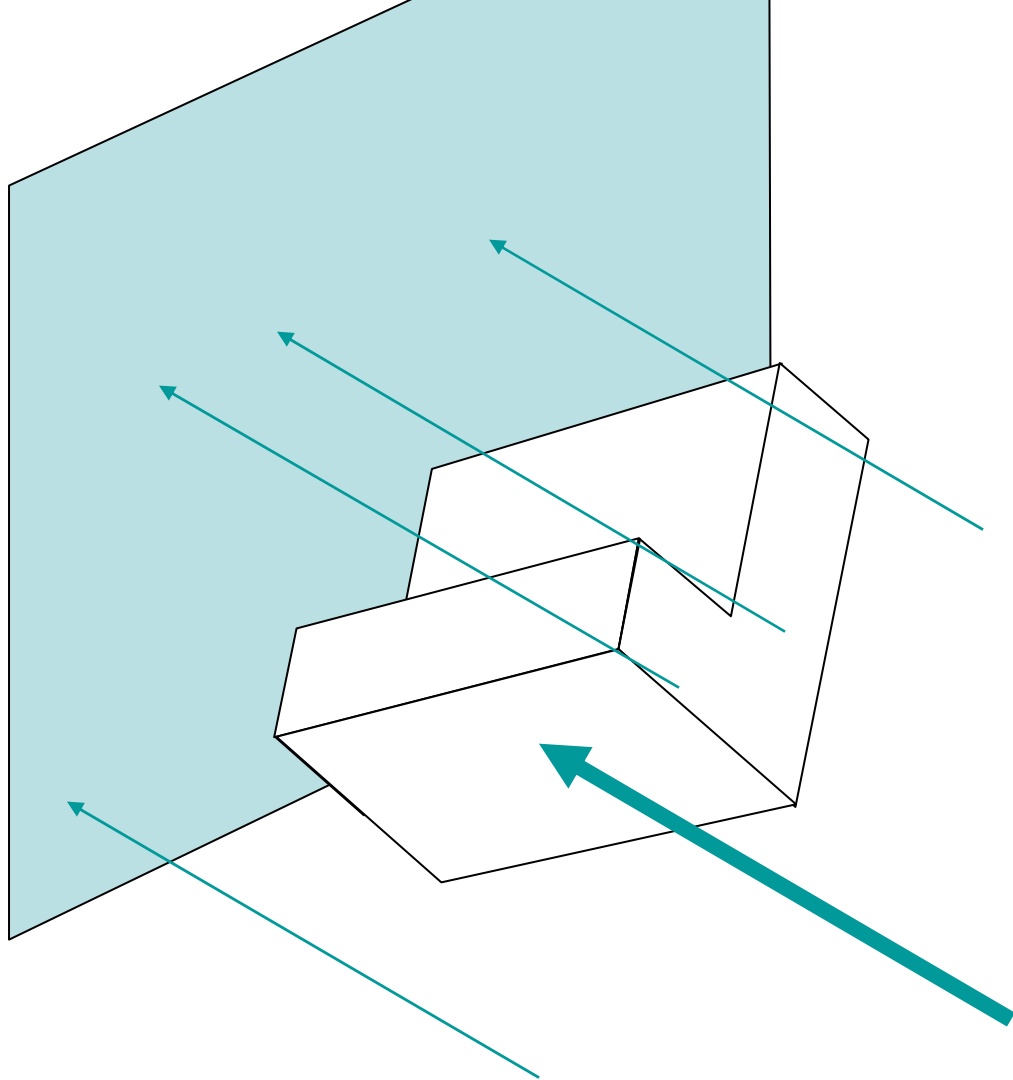


**PROYECCIONES PARALELAS
O CILÍNDRICAS**

**PROYECCIONES
ORTOGONALES**

proyectantes
perpendiculares al plano
de representación...

cualquiera sea la
ubicación del objeto

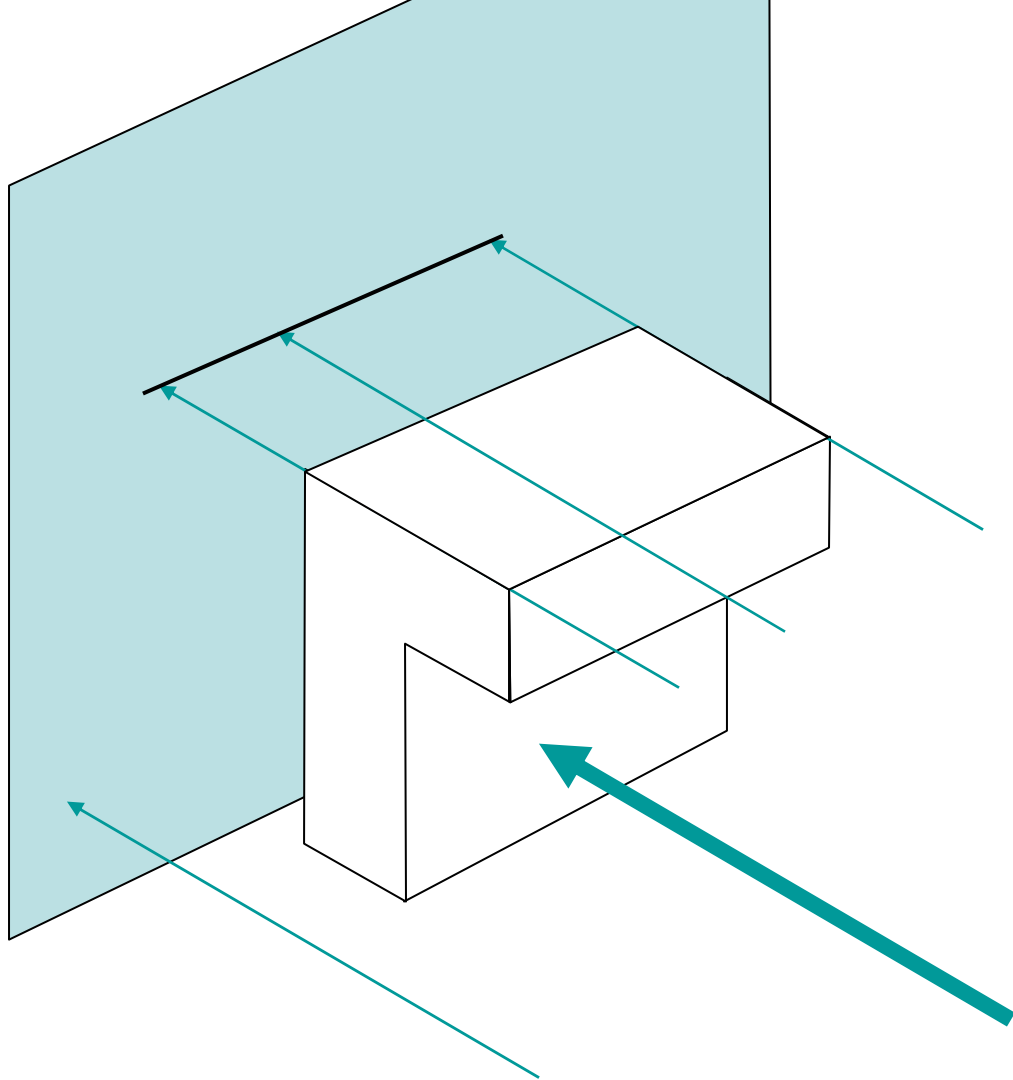


**PROYECCIONES PARALELAS
O CILÍNDRICAS**

**PROYECCIONES
ORTOGONALES**

**proyectantes
perpendiculares al plano
de representación...**

**cualquiera sea la
ubicación del objeto**



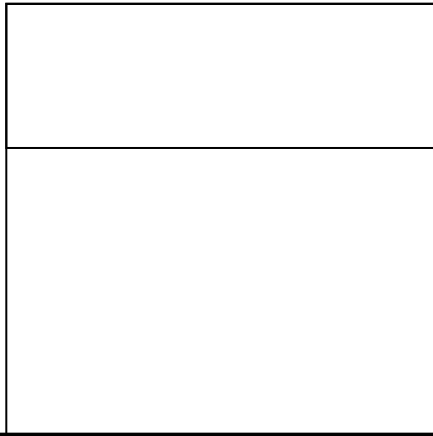
**PROYECCIONES PARALELAS
O CILÍNDRICAS**

**PROYECCIONES
ORTOGONALES**

**proyectantes
perpendiculares al plano
de representación...**

**cualquiera sea la
ubicación del objeto**

PROYECCIONES PARALELAS O CILÍNDRICAS



V''



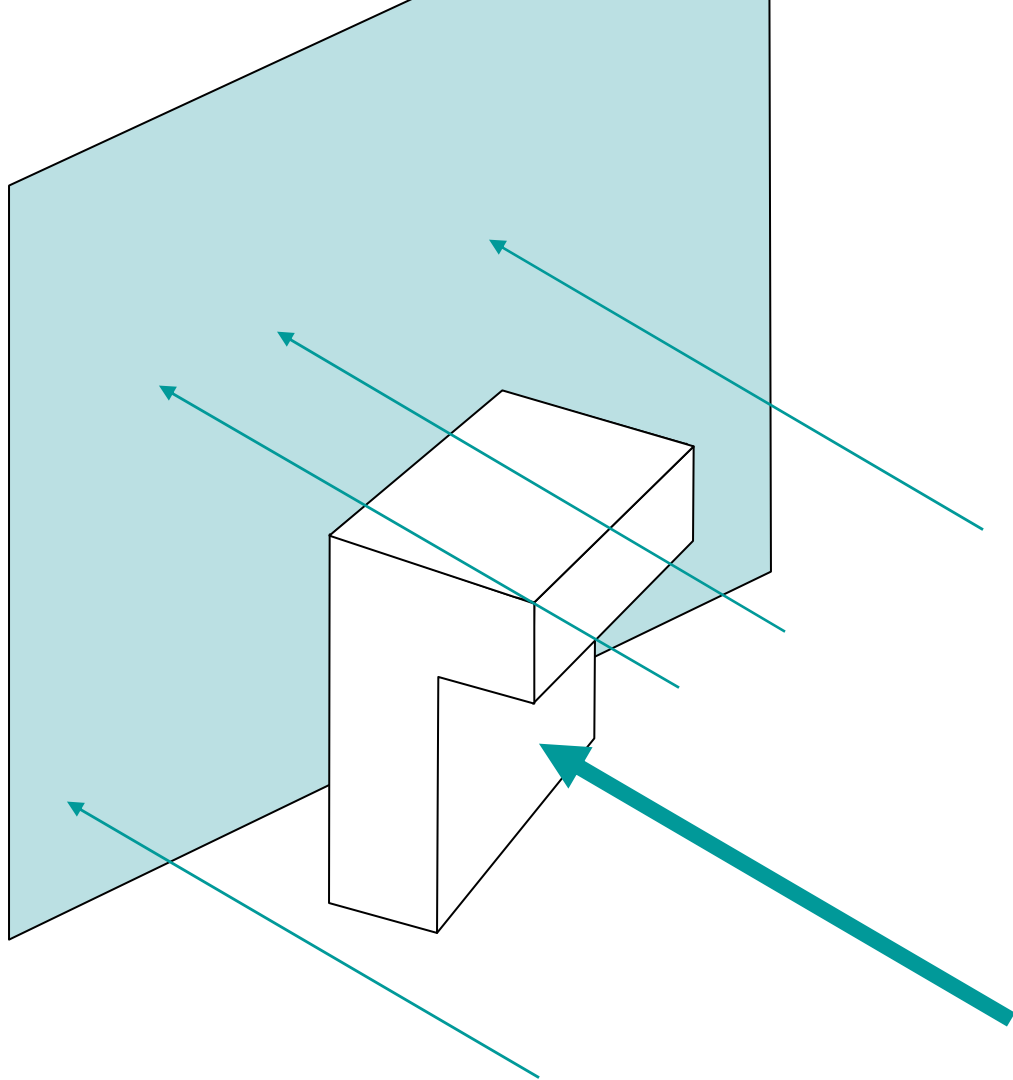
LT

FACHADA

90°



V'



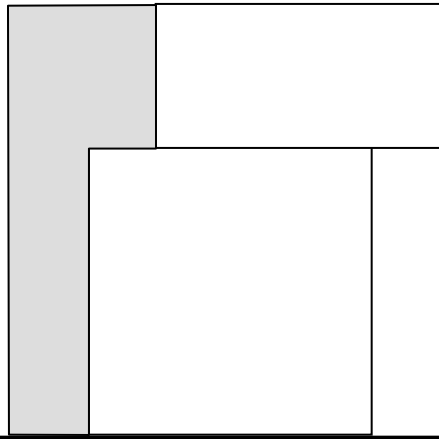
**PROYECCIONES PARALELAS
O CILÍNDRICAS**

**PROYECCIONES
ORTOGONALES**

**proyectantes
perpendiculares al plano
de representación...**

**cualquiera sea la
ubicación del objeto**

PROYECCIONES PARALELAS
O CILÍNDRICAS



V''



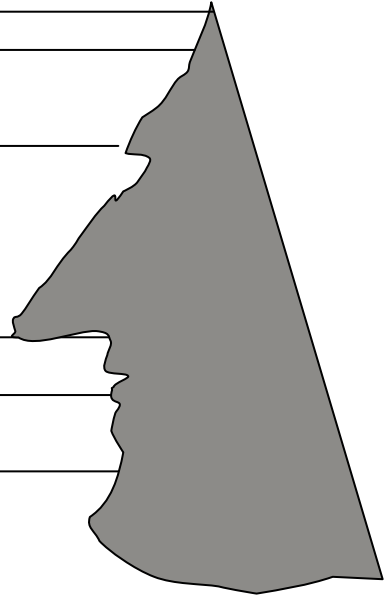
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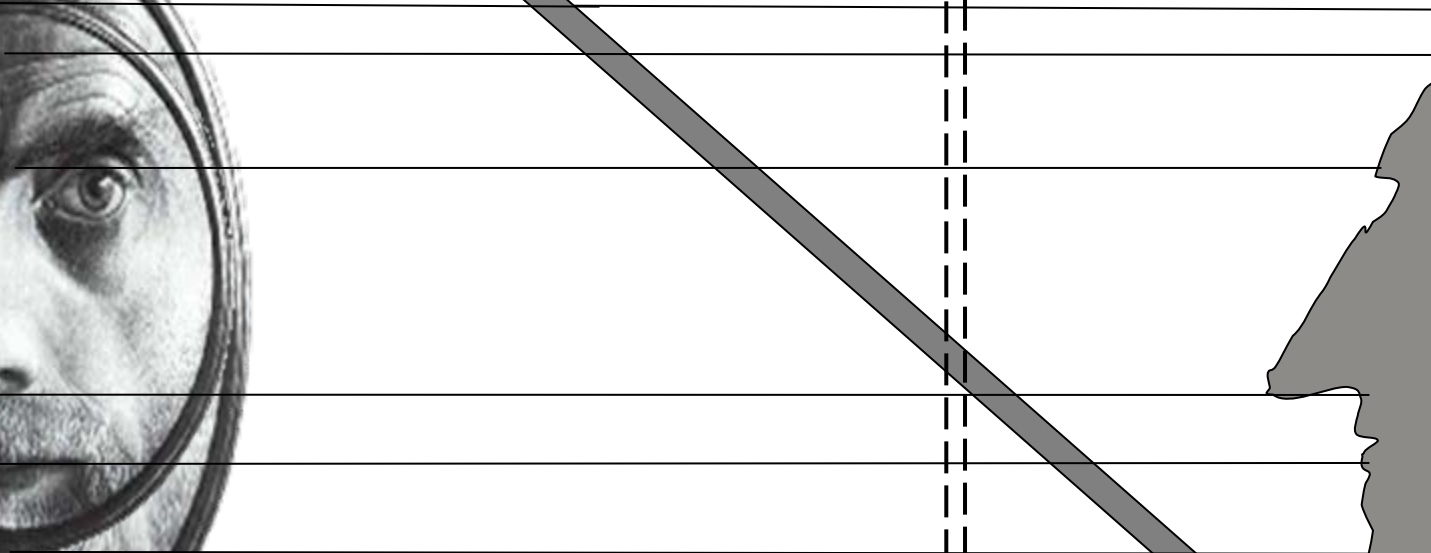
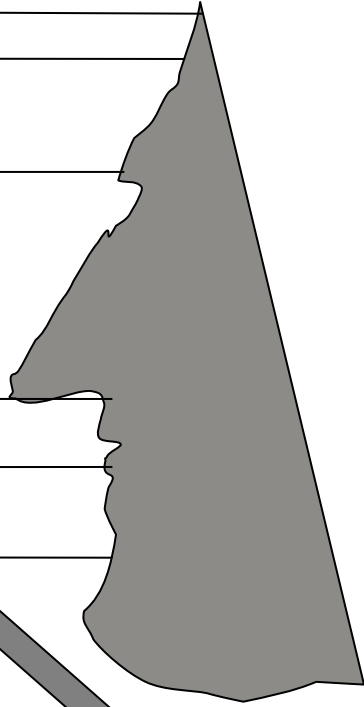
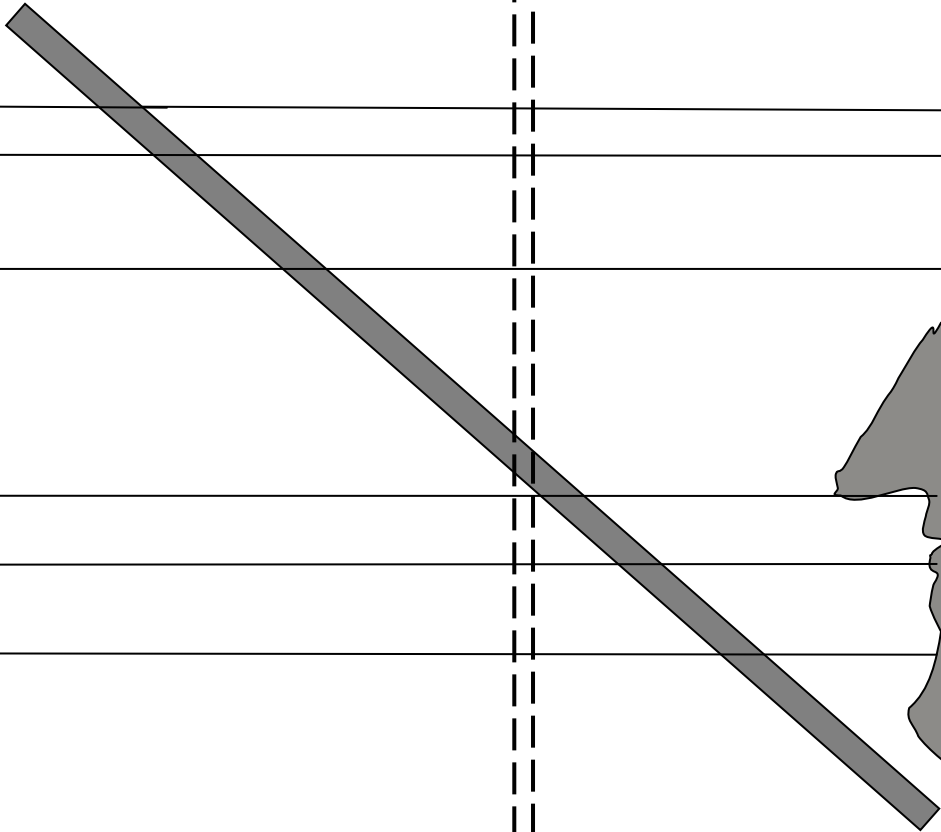
FACHADA



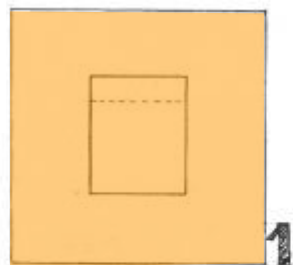
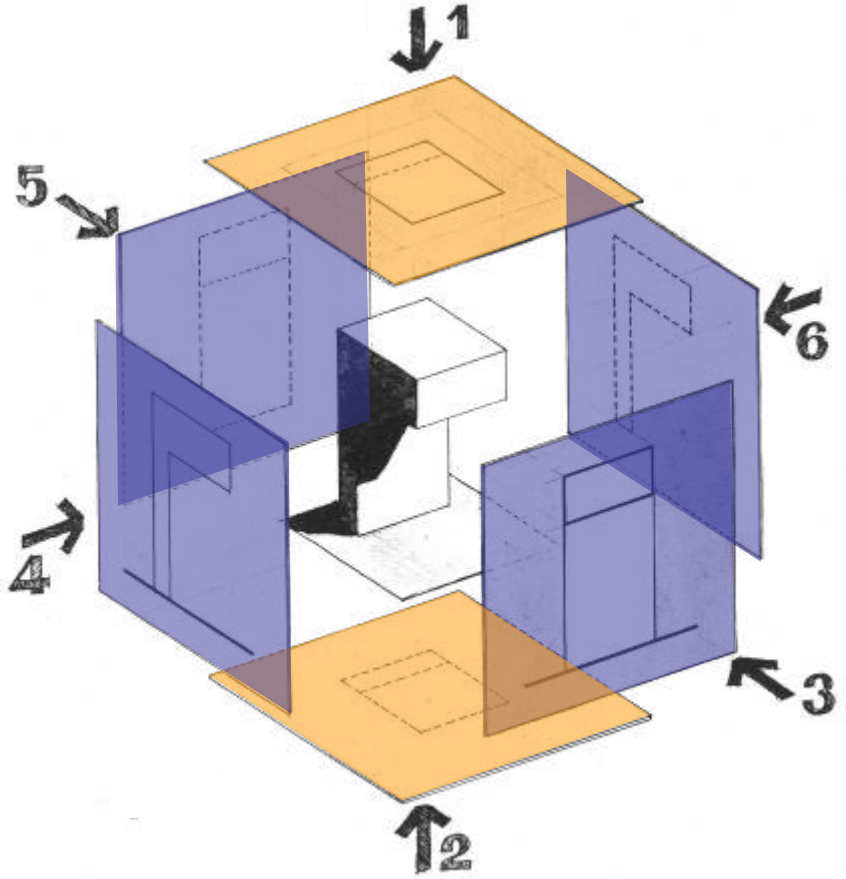
V'



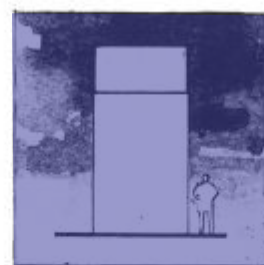




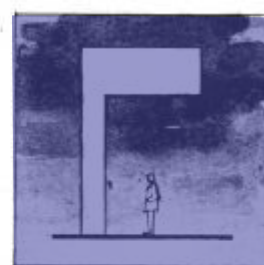




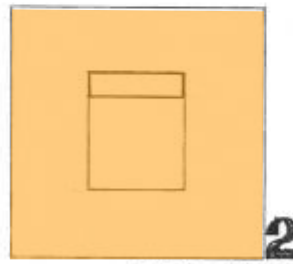
VISTA SUPERIOR-PLANTA



VISTA DE FRENTE



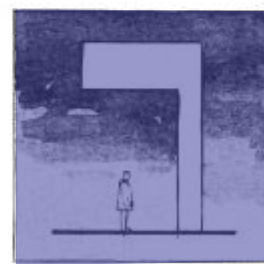
VISTA LATERAL



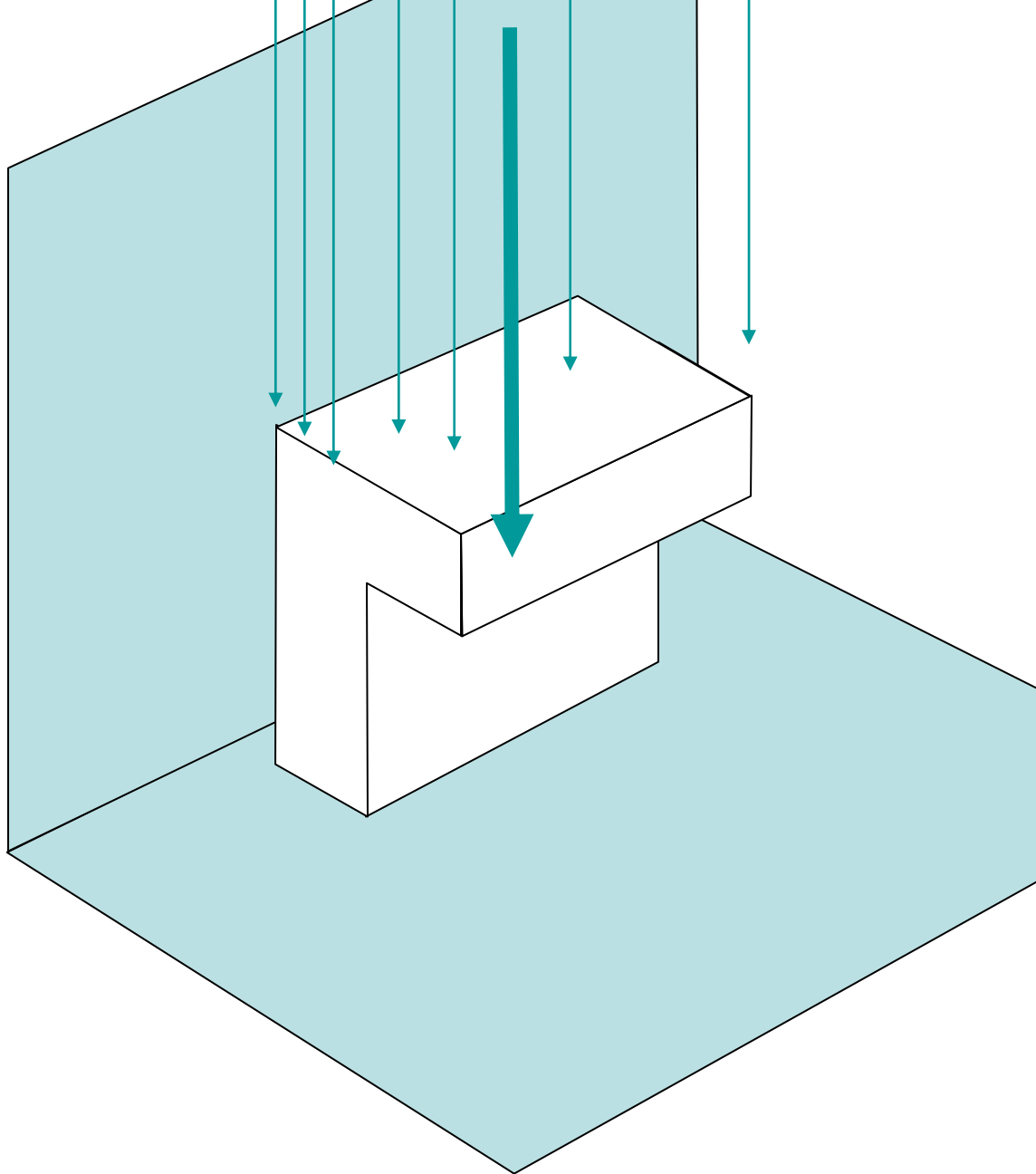
VISTA INFERIOR



VISTA POSTERIOR



VISTA LATERAL

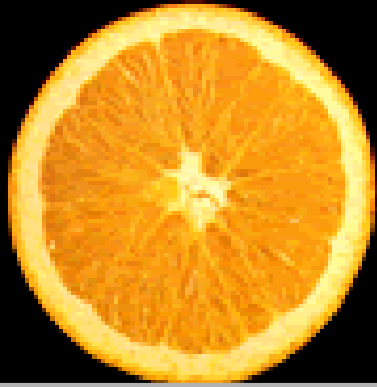


**PROYECCIONES PARALELAS
O CILÍNDRICAS**

**PROYECCIONES
ORTOGONALES**

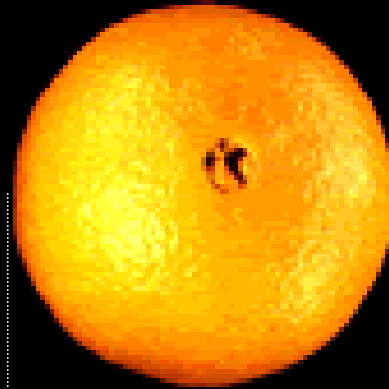
**proyectantes
perpendiculares al plano
de representación...**

**cualquiera sea la
ubicación del objeto**



LT

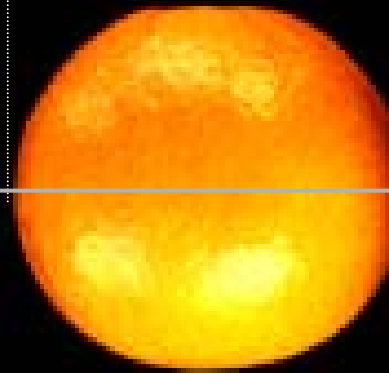
CORTE 1



FACHADA

1

1



PLANTA TECHOS

A



B



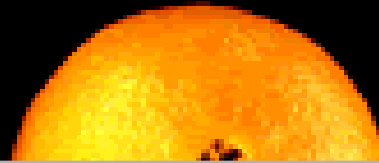
C



LT

CORTE 1

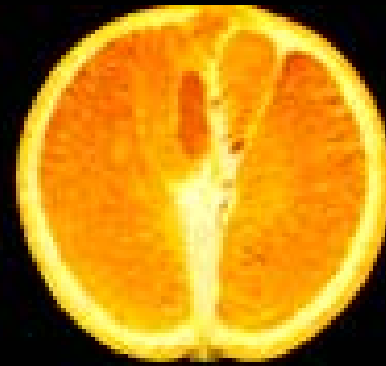
1



1

PLANTA TECHOS

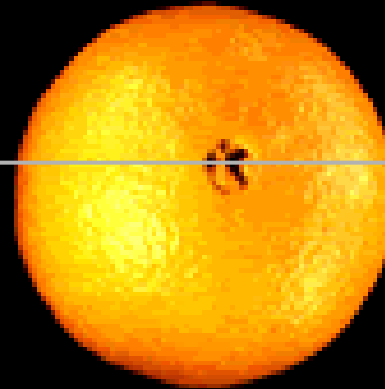
B



CORTE 1

LT

1



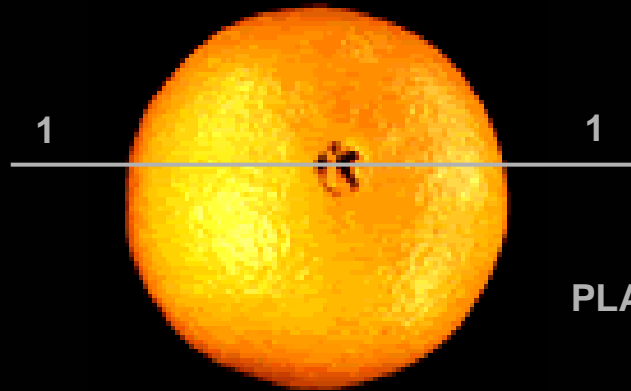
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PLANTA TECHOS

LT



FACHADA

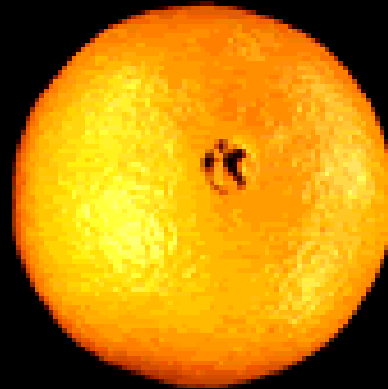


PLANTA TECHOS

LT



CAJETA



PLANTA TECHOS

1

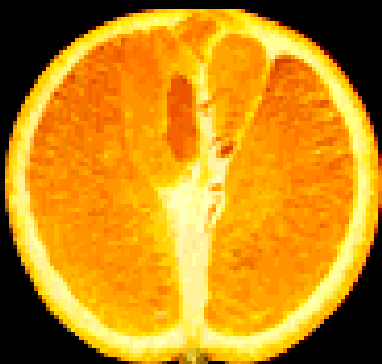
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1



2

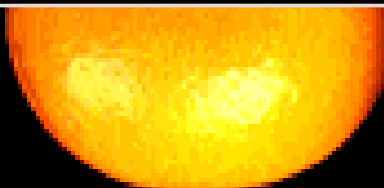


3



2

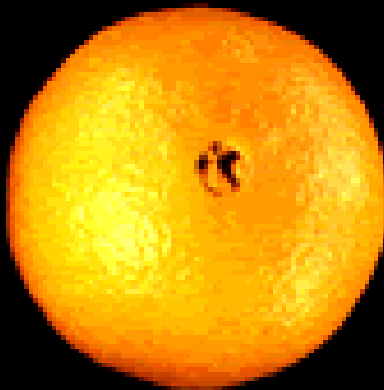
LT



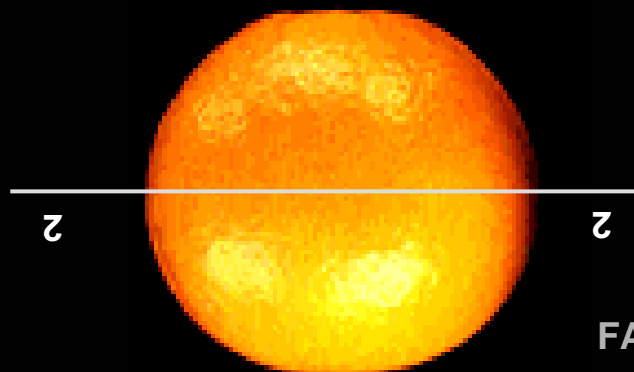
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FACHADA

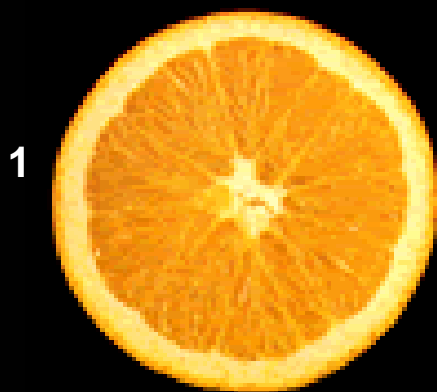
PLANTA TECHOS



LT

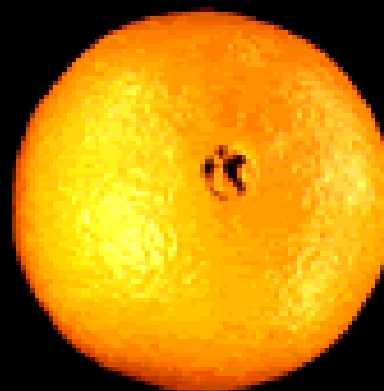


FACHADA



1

PLANTA
CORTE 2

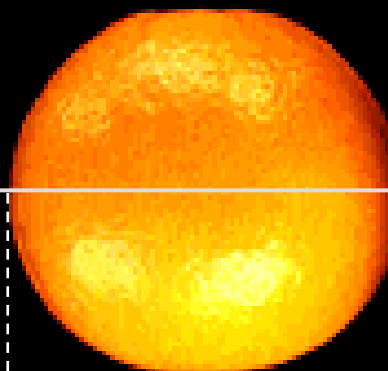


PLANTA
TECHOS

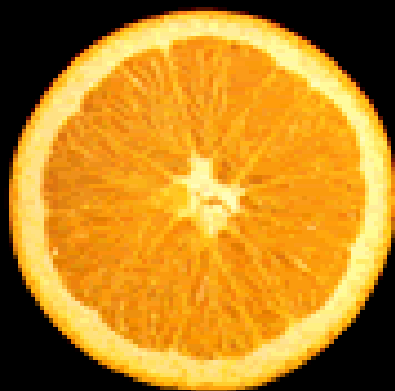
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2

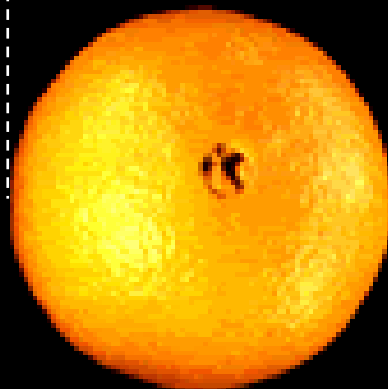
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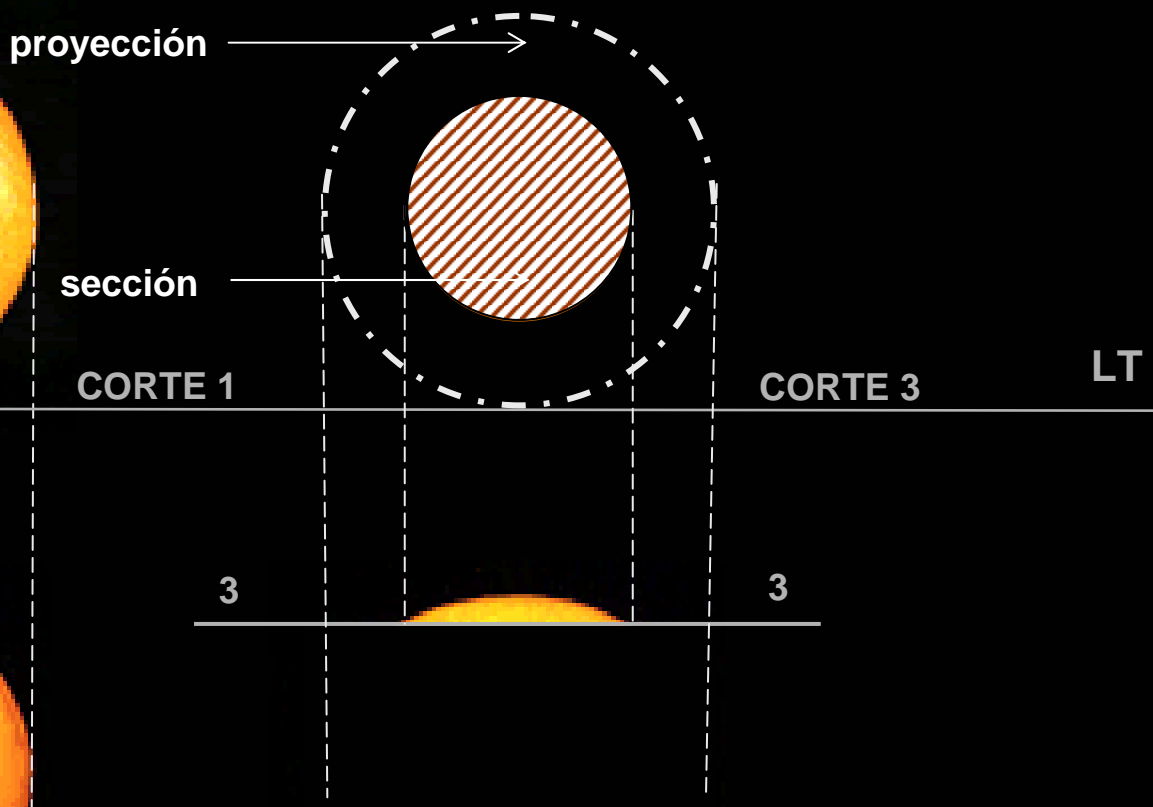
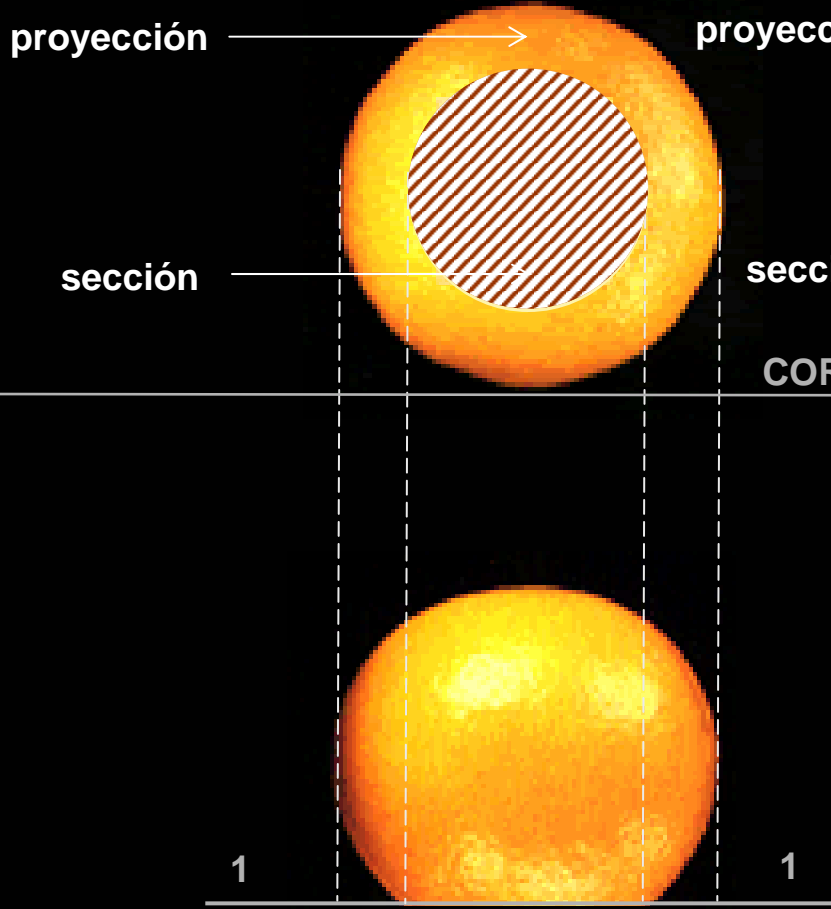
FACHADA



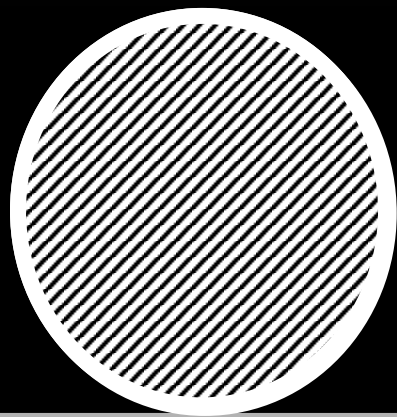
PLANTA
CORTE 2



PLANTA TECHOS

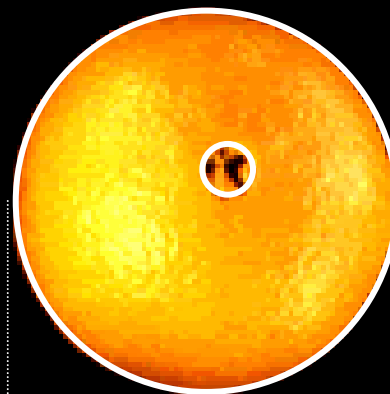


PLANTA TECHOS



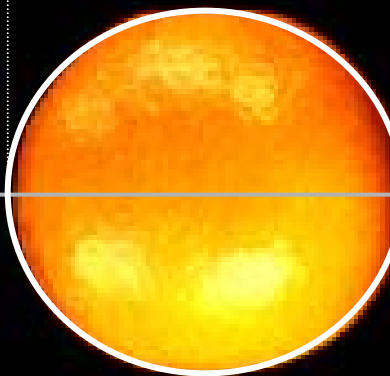
LT

CORTE 1



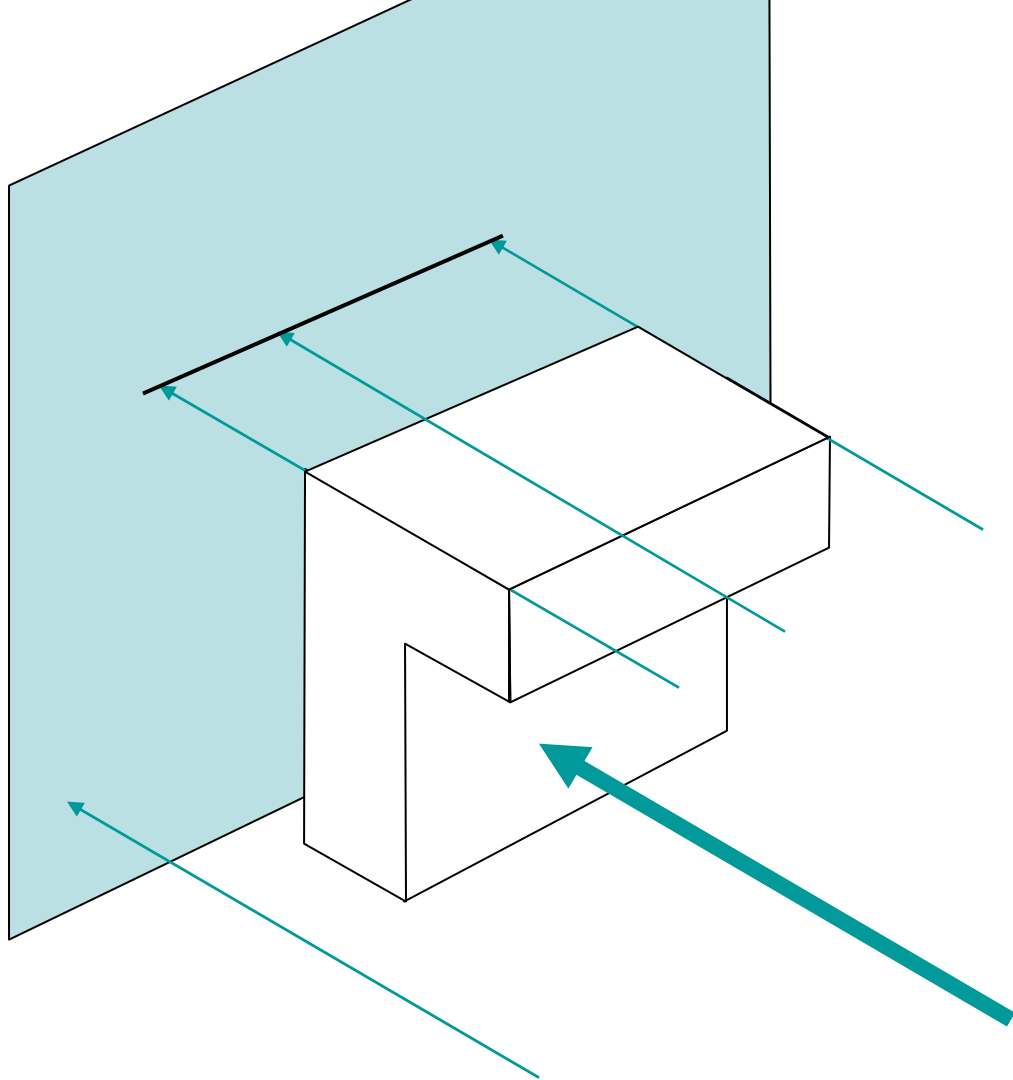
FACHADA

1



1

PLANTA TECHOS

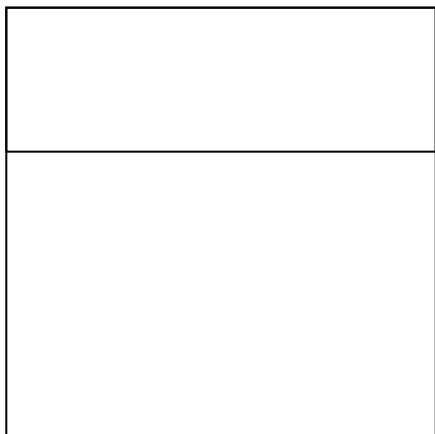


**PROYECCIONES PARALELAS
O CILÍNDRICAS**

**PROYECCIONES
ORTOGONALES**

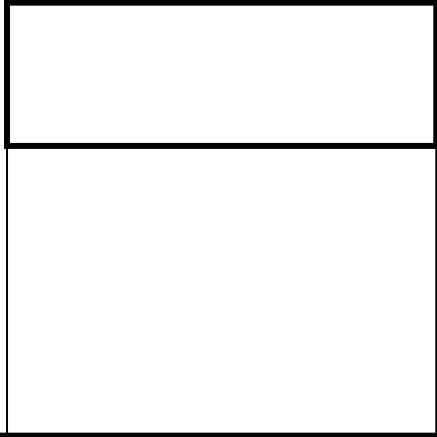
**proyectantes
perpendiculares al plano
de representación...**

**cualquiera sea la
ubicación del objeto**



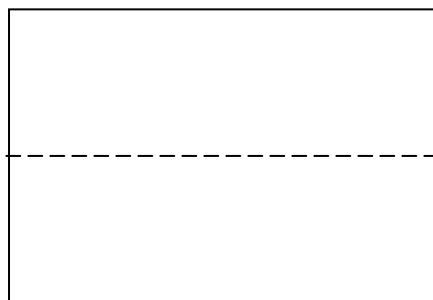
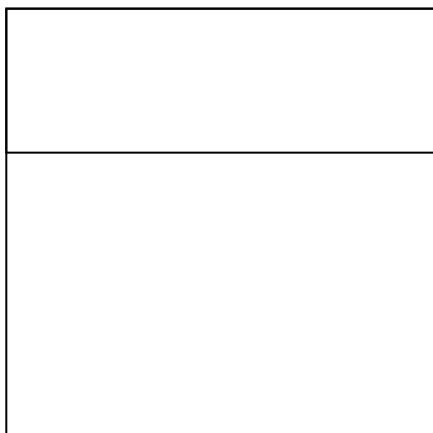
LT

FACHADA



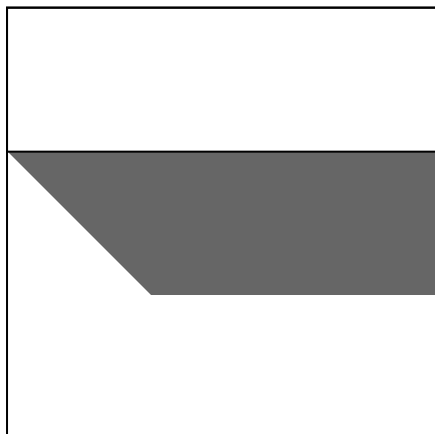
LT

FACHADA + TRAZO VALORADO



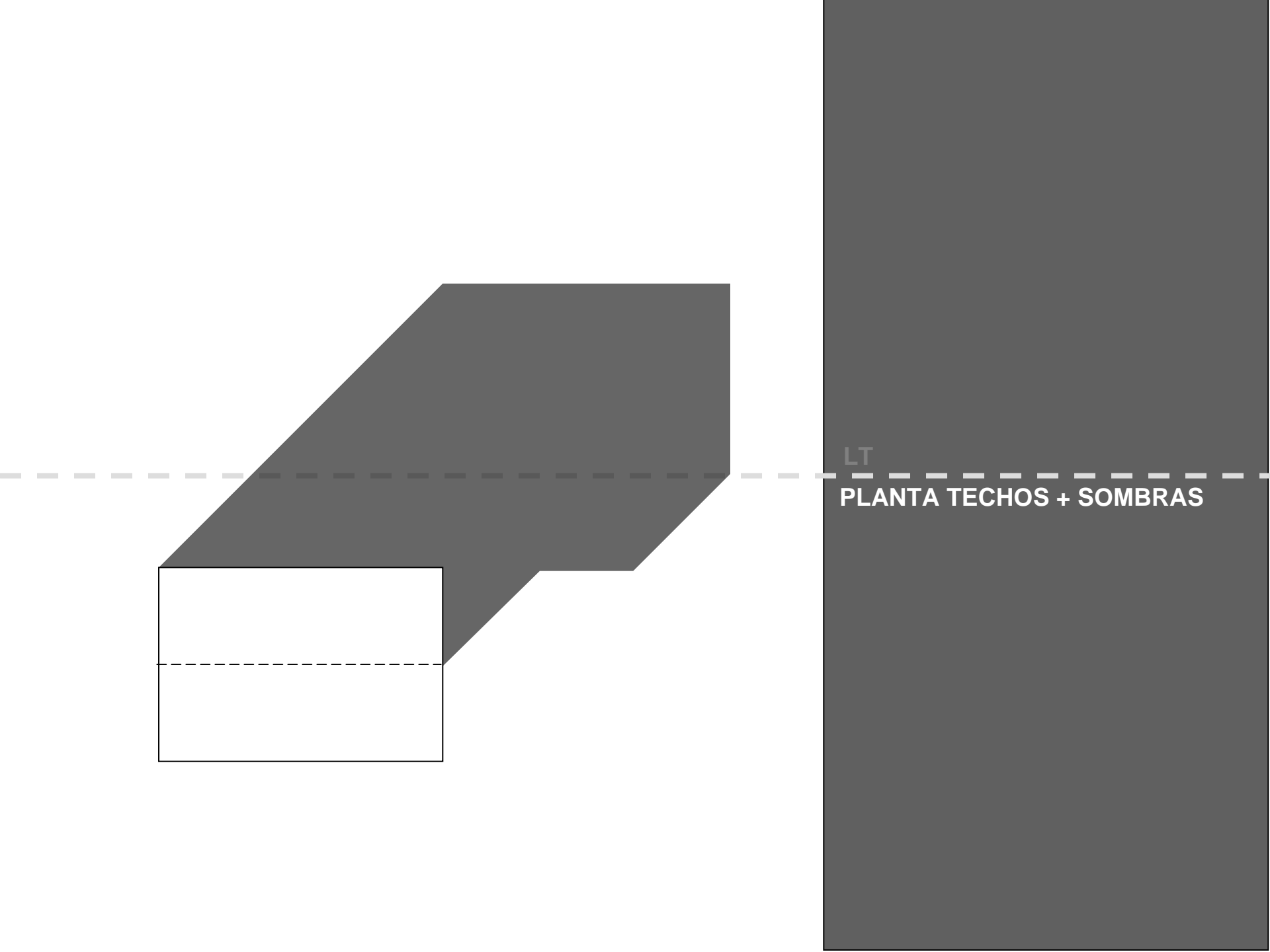
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FACHADA + PLANTA TECHOS



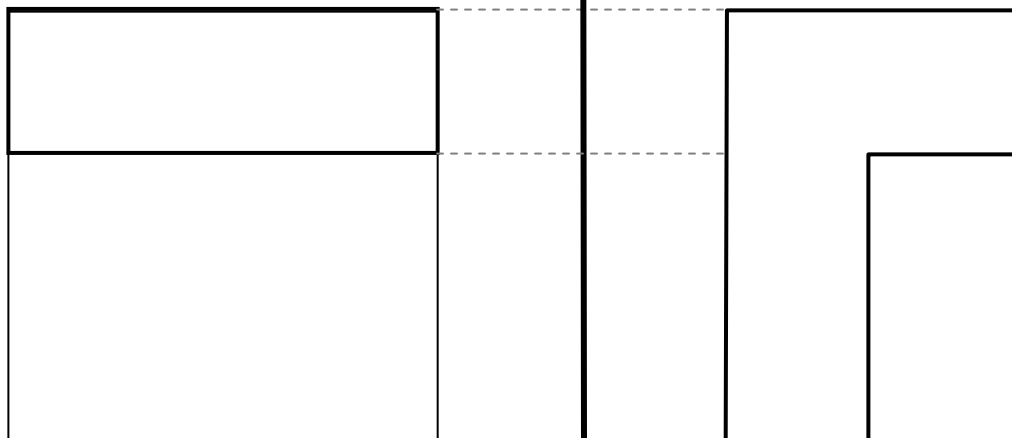
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FACHADA + SOMBRA



LT

PLANTA TECHOS + SOMBRAS

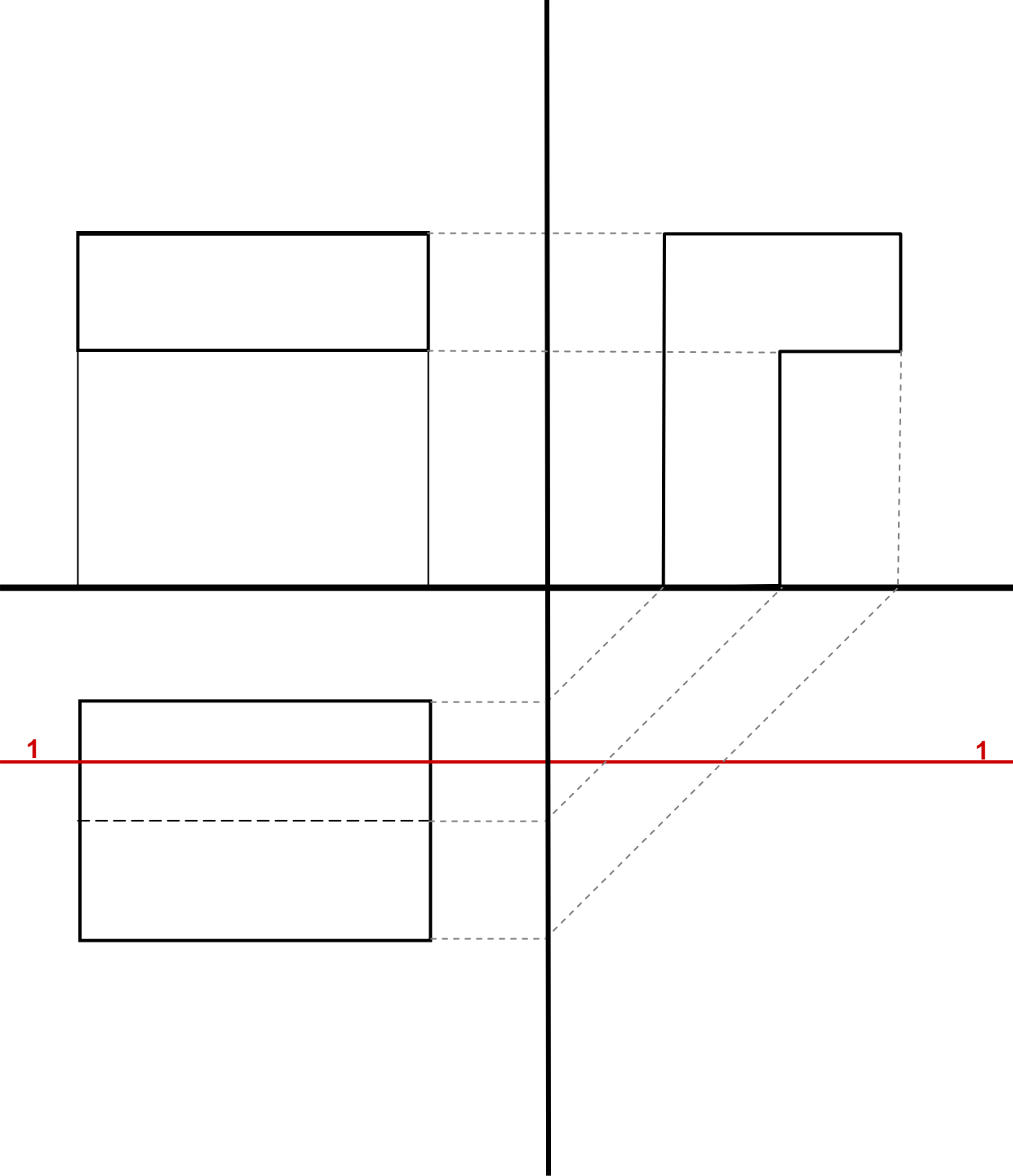


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FACHADA FRONTAL

+ PLANTA TECHOS

+ FACHADA LATERAL

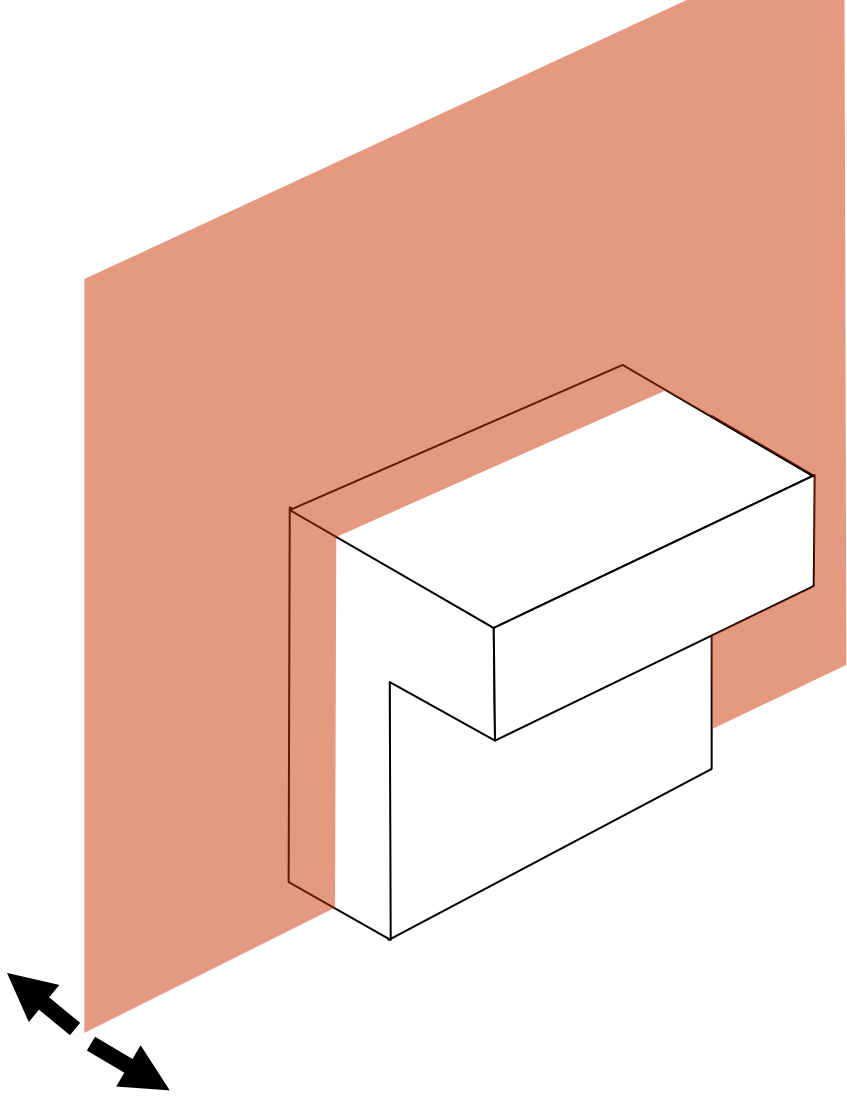


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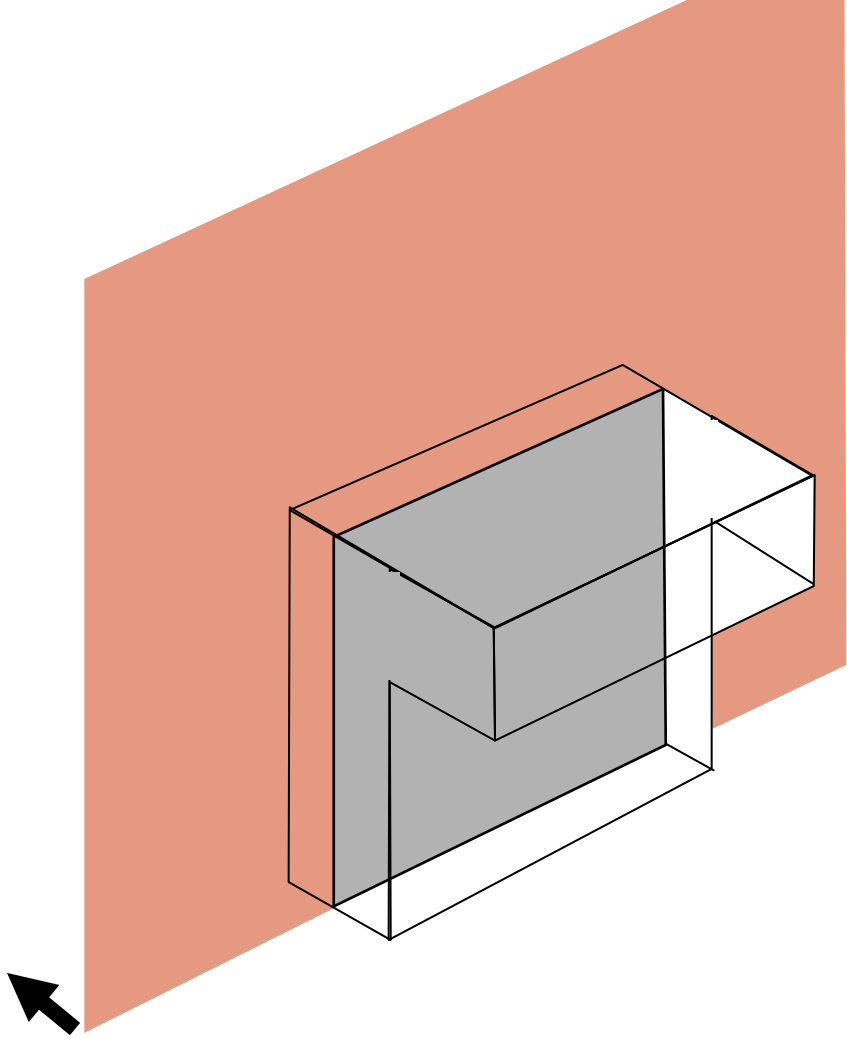
FACHADA FRONTAL

+ PLANTA TECHOS

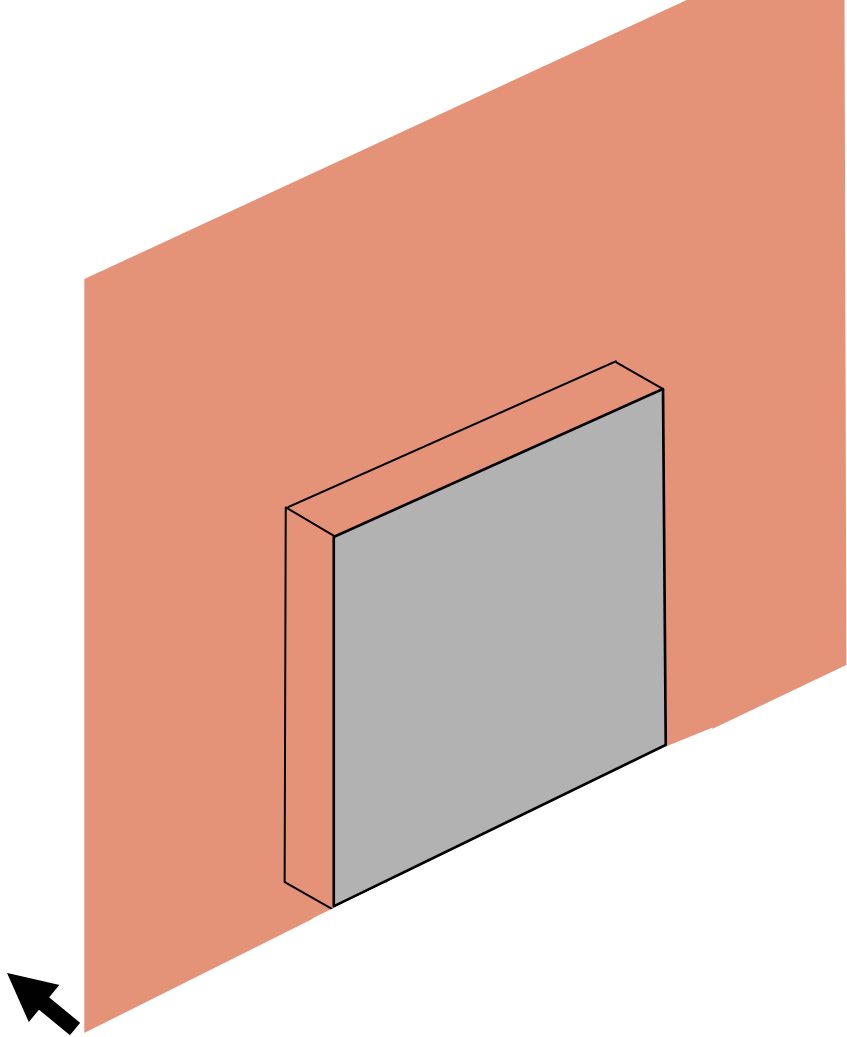
+ FACHADA LATERAL



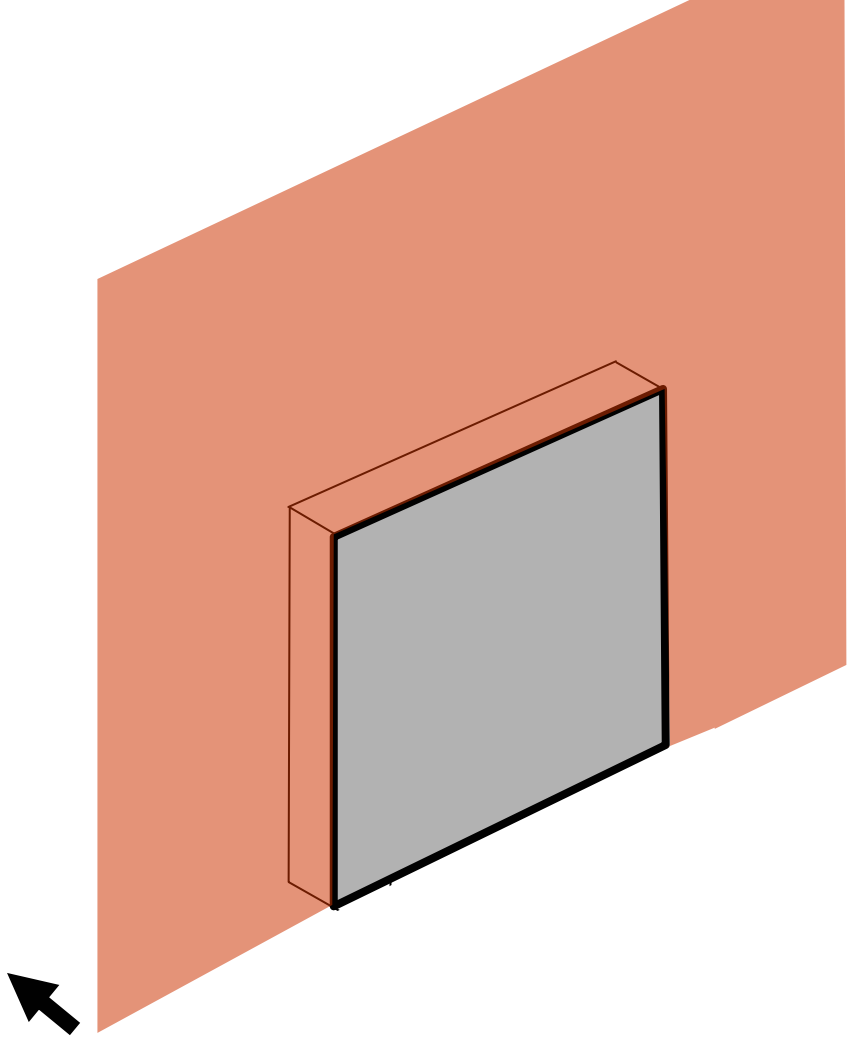
CORTE CON PLANO VERTICAL



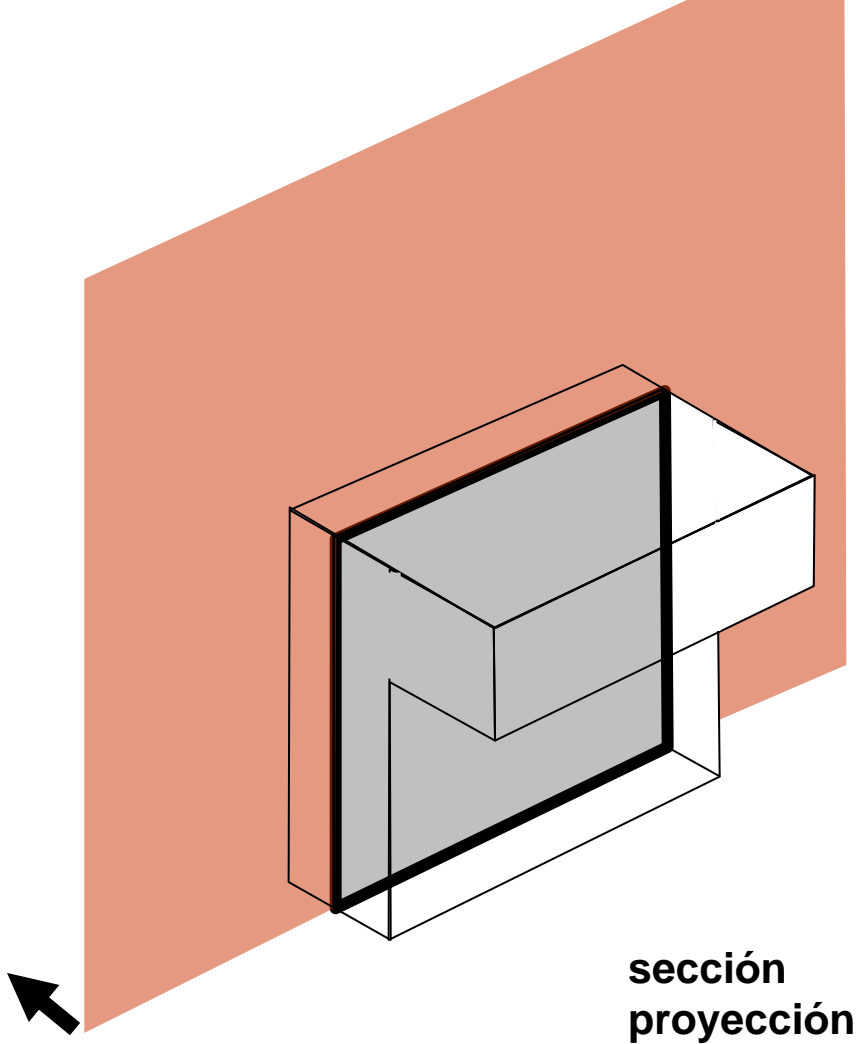
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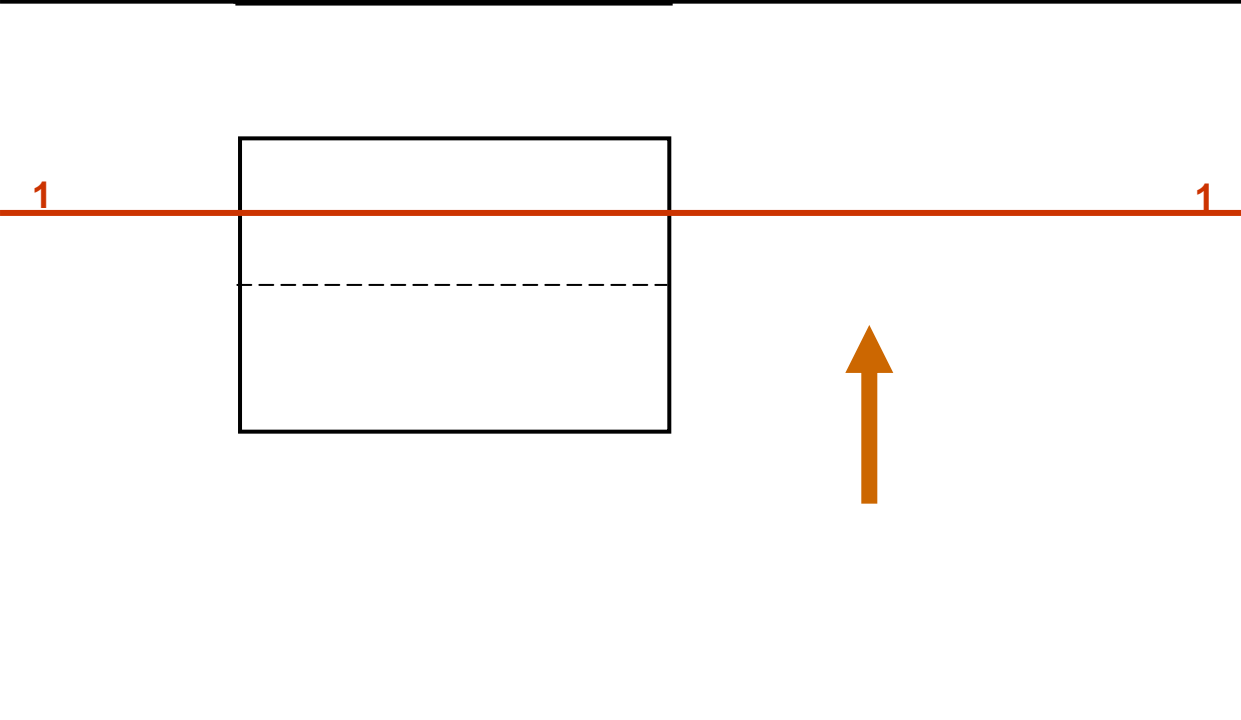
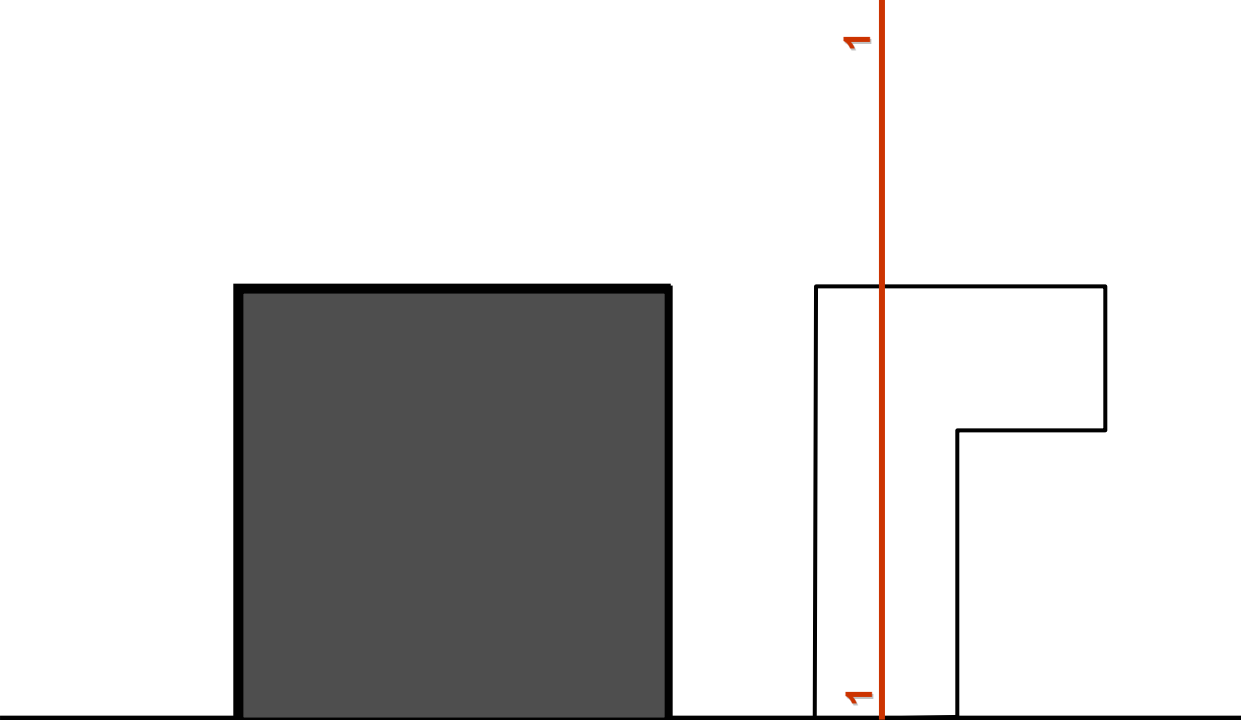
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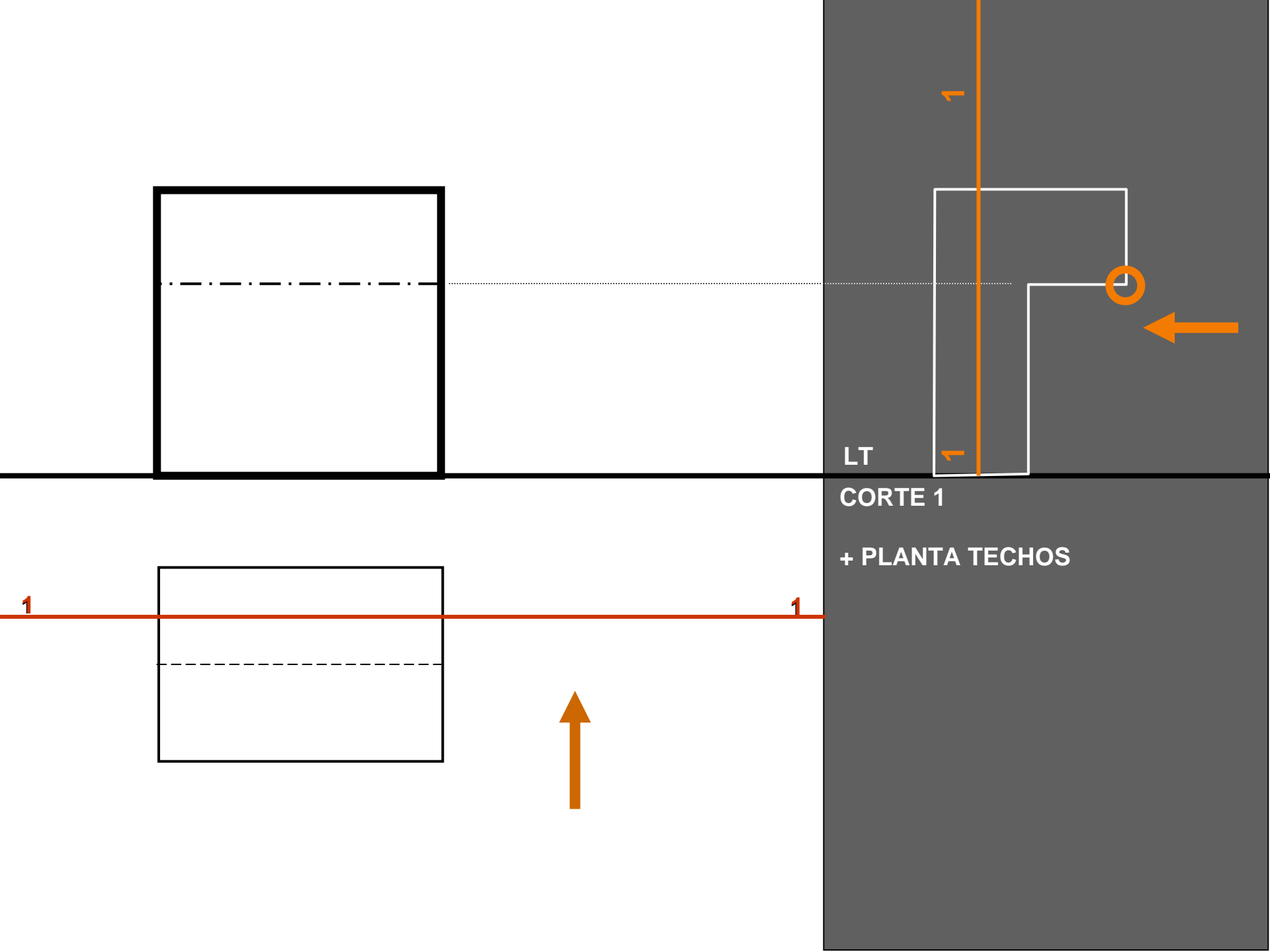
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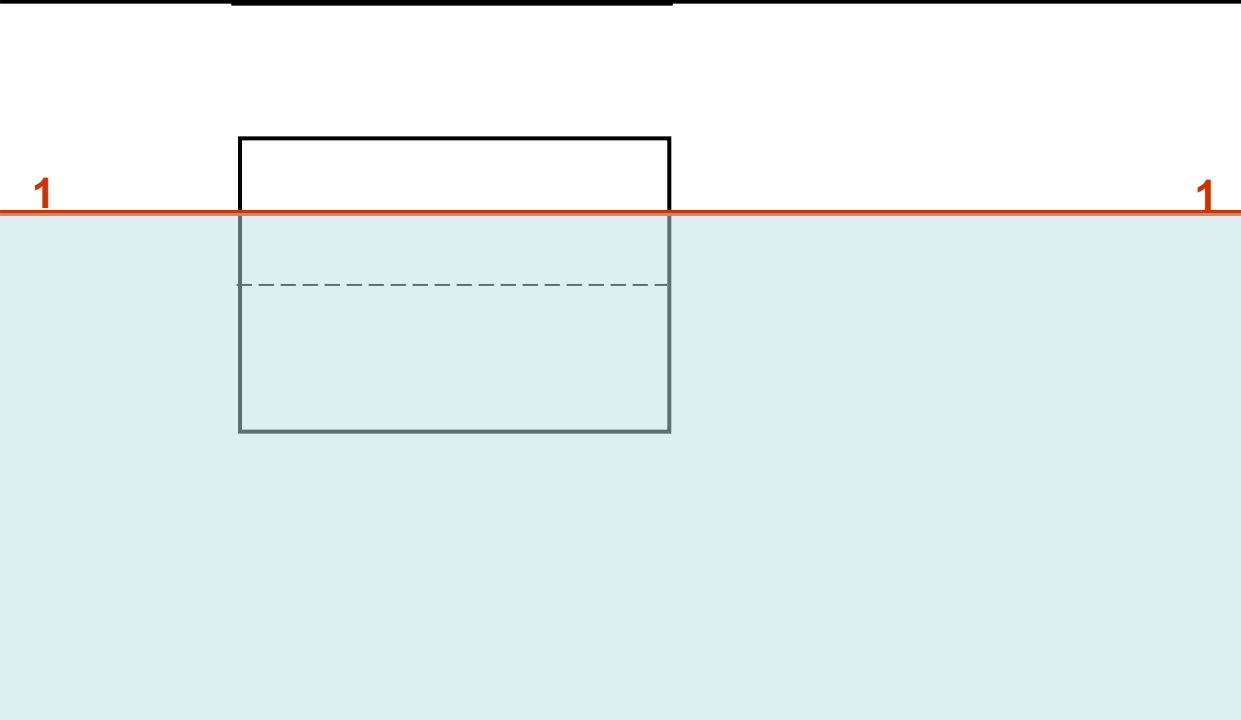
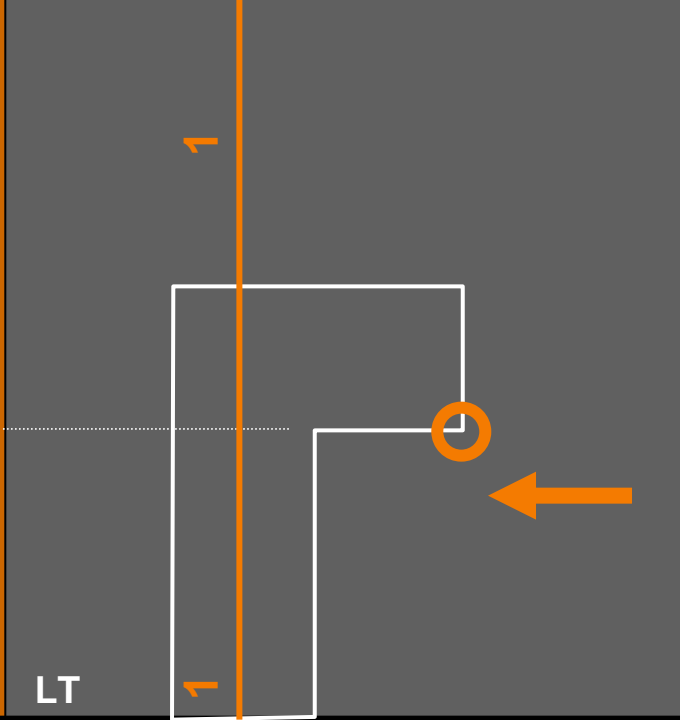
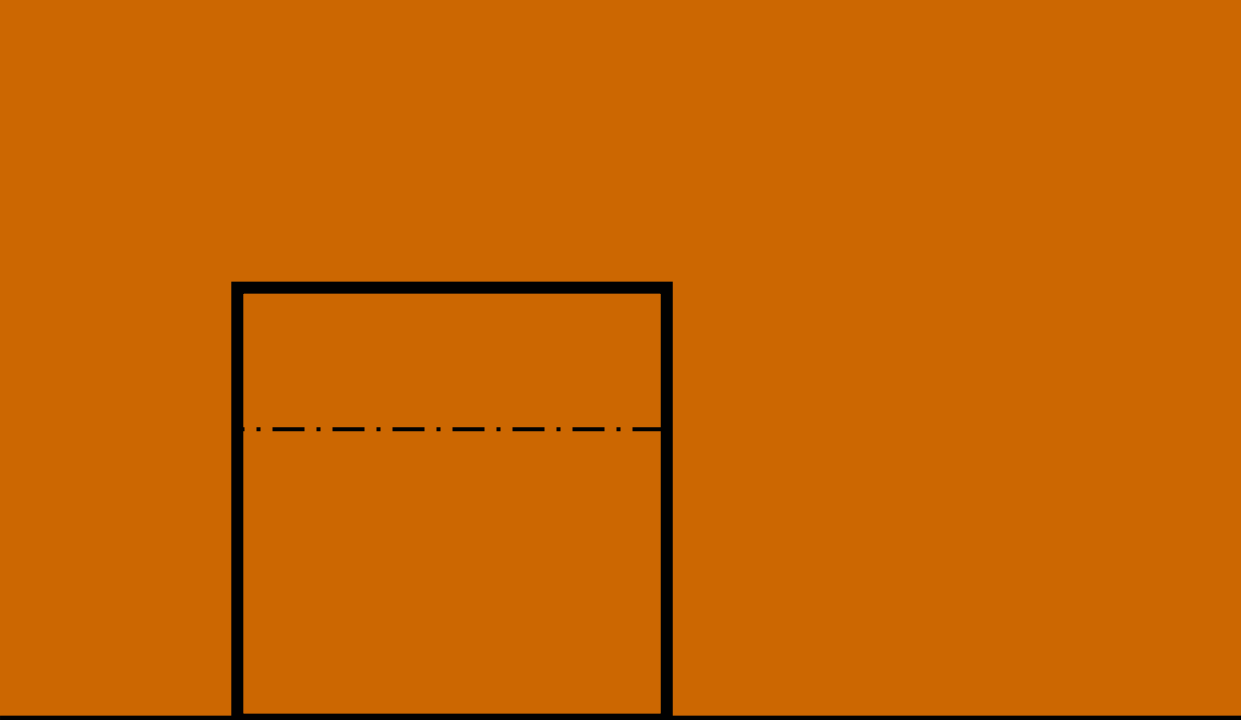


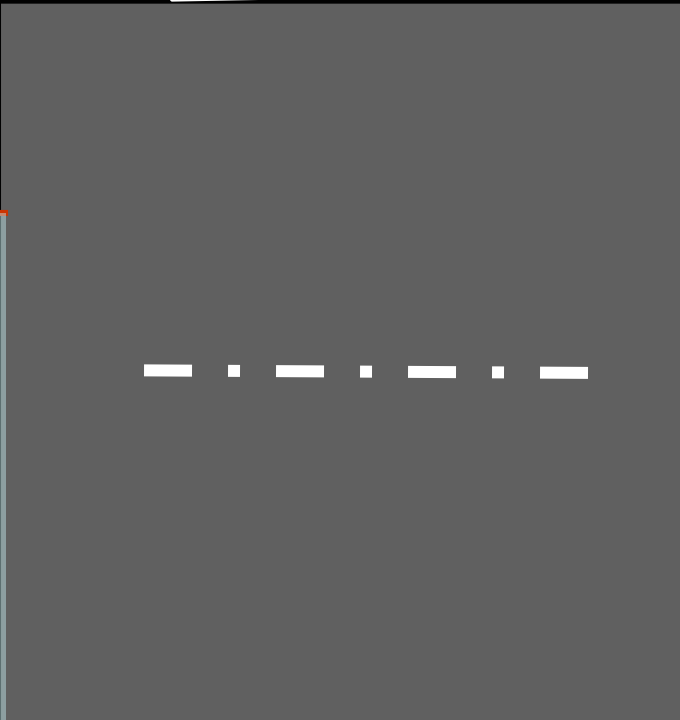
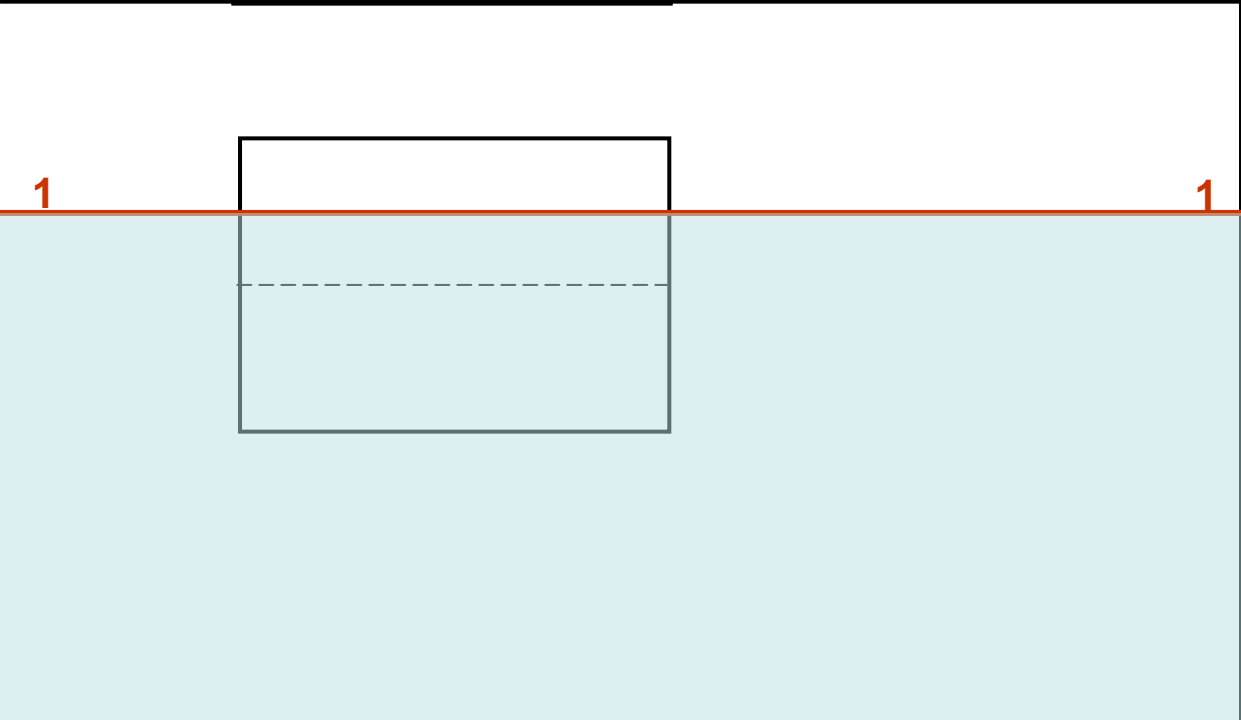
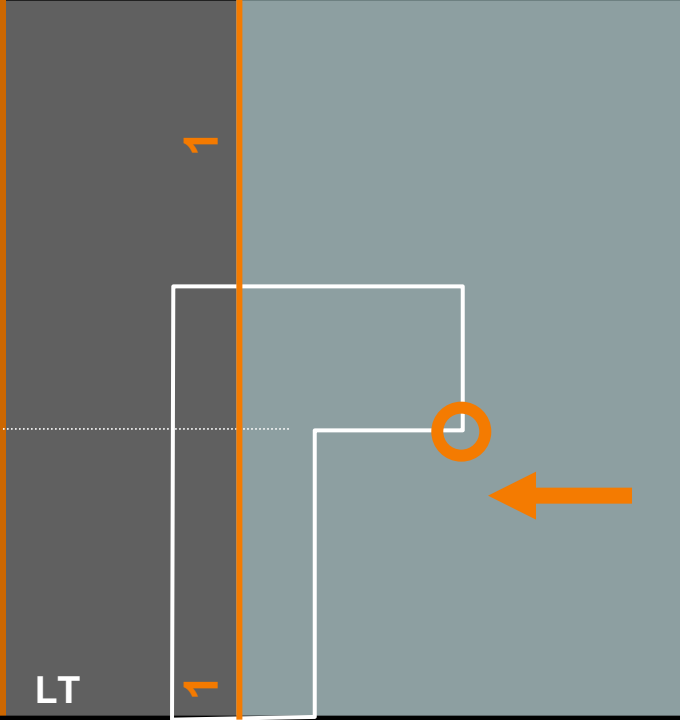
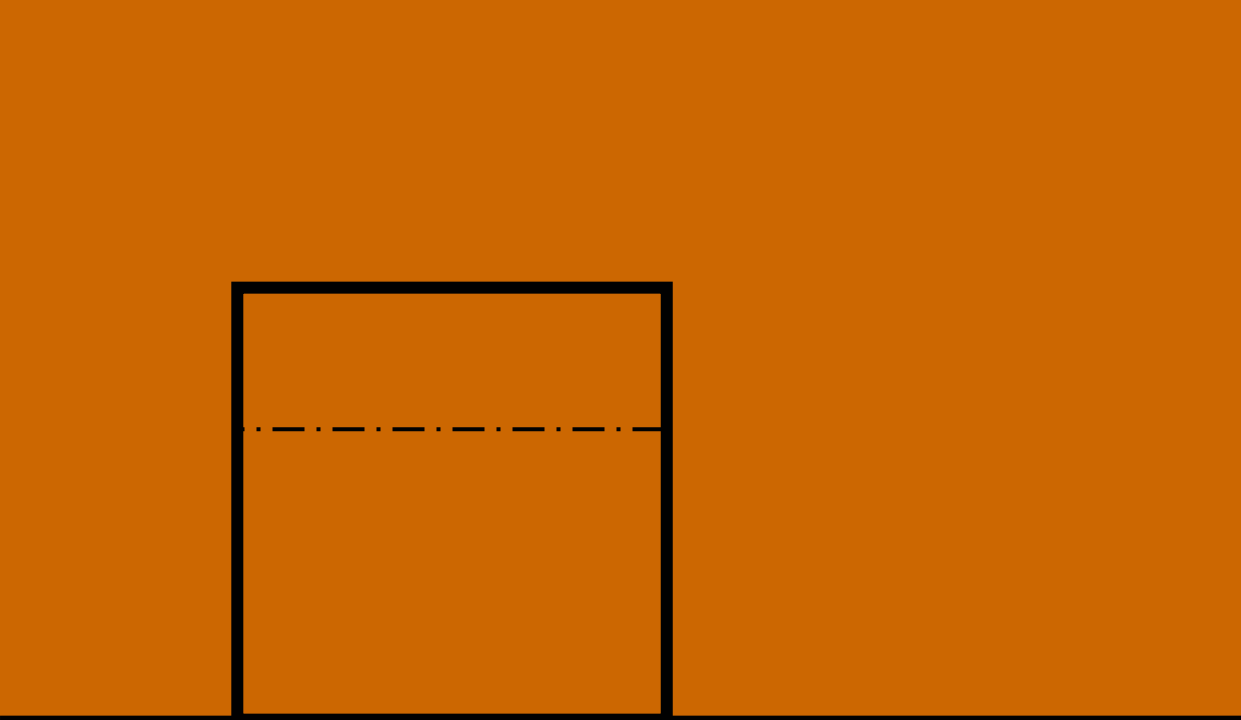
CORTE CON PLANO VERTICAL

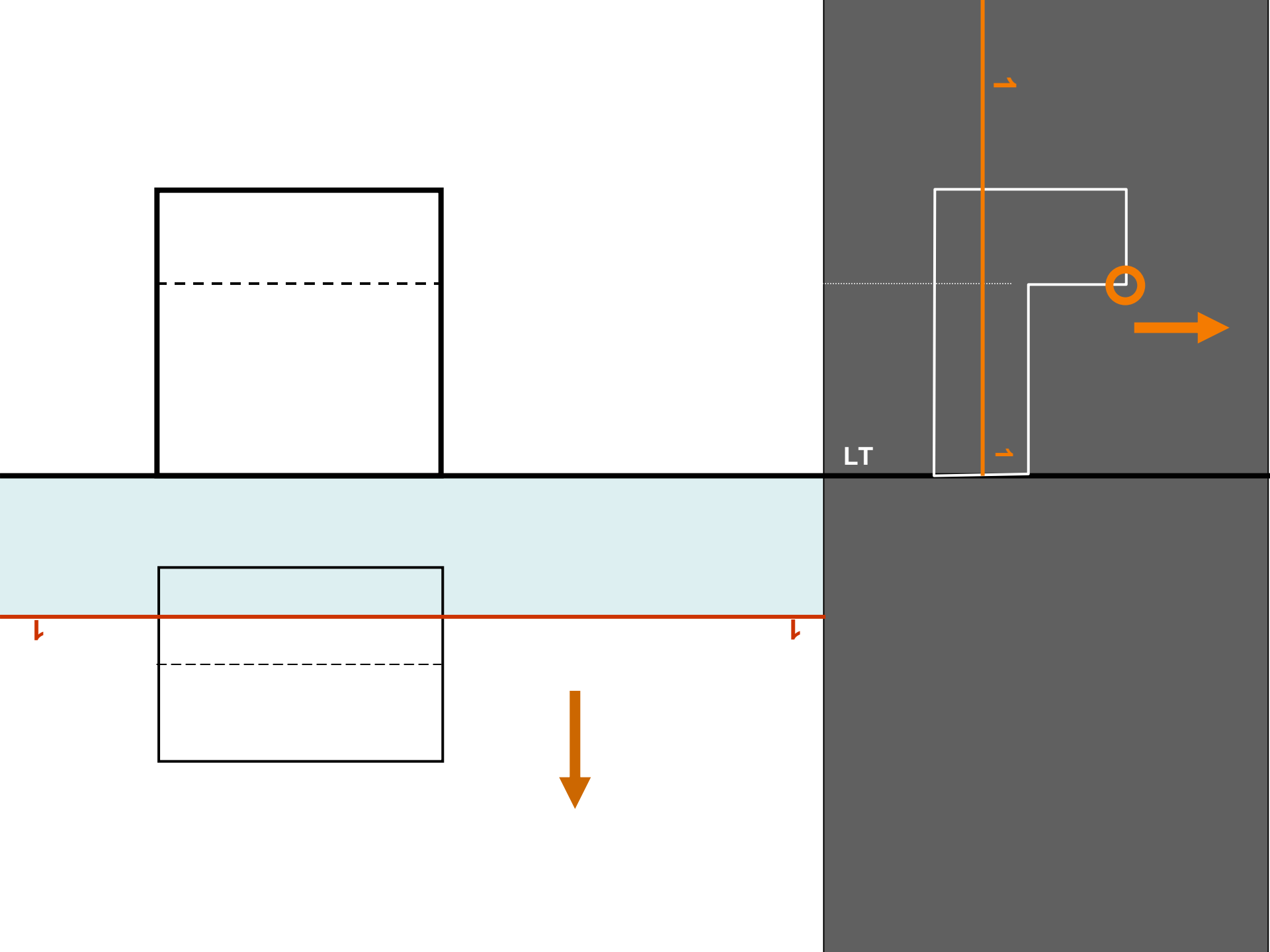


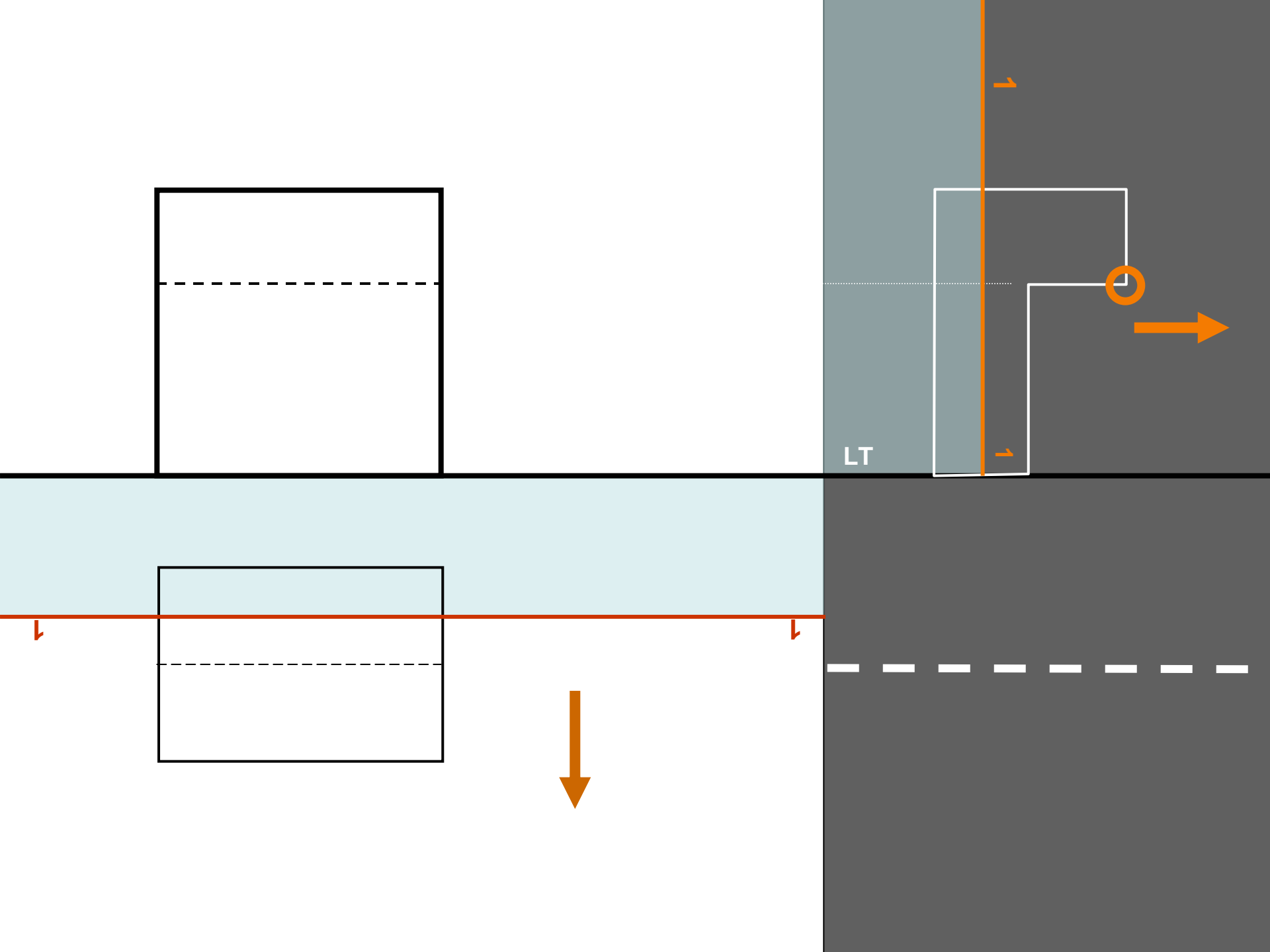
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CORTE 1
+ PLANTA TECHOS
+ FACHADA LATERAL

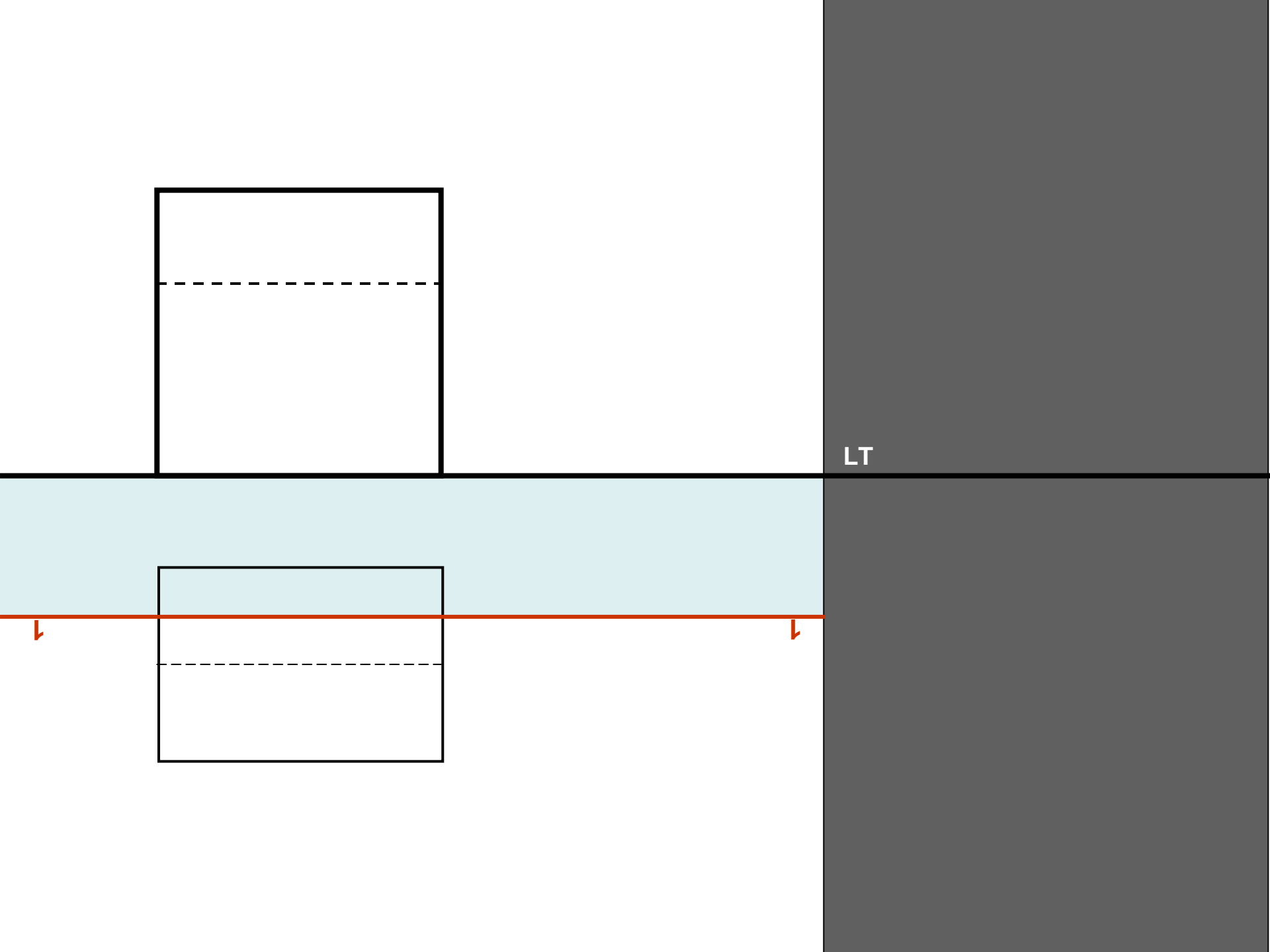




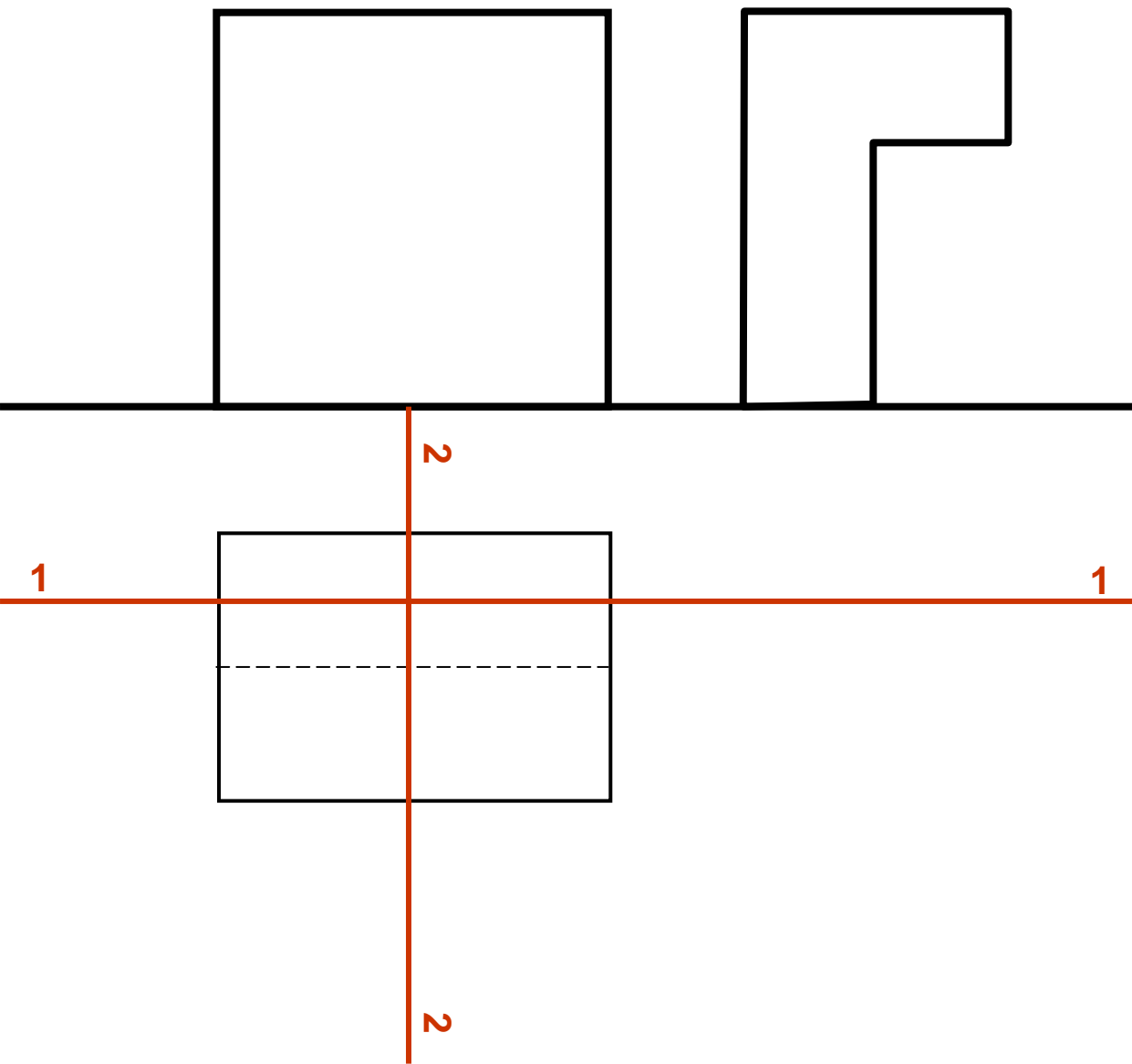








LT



LT

CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL

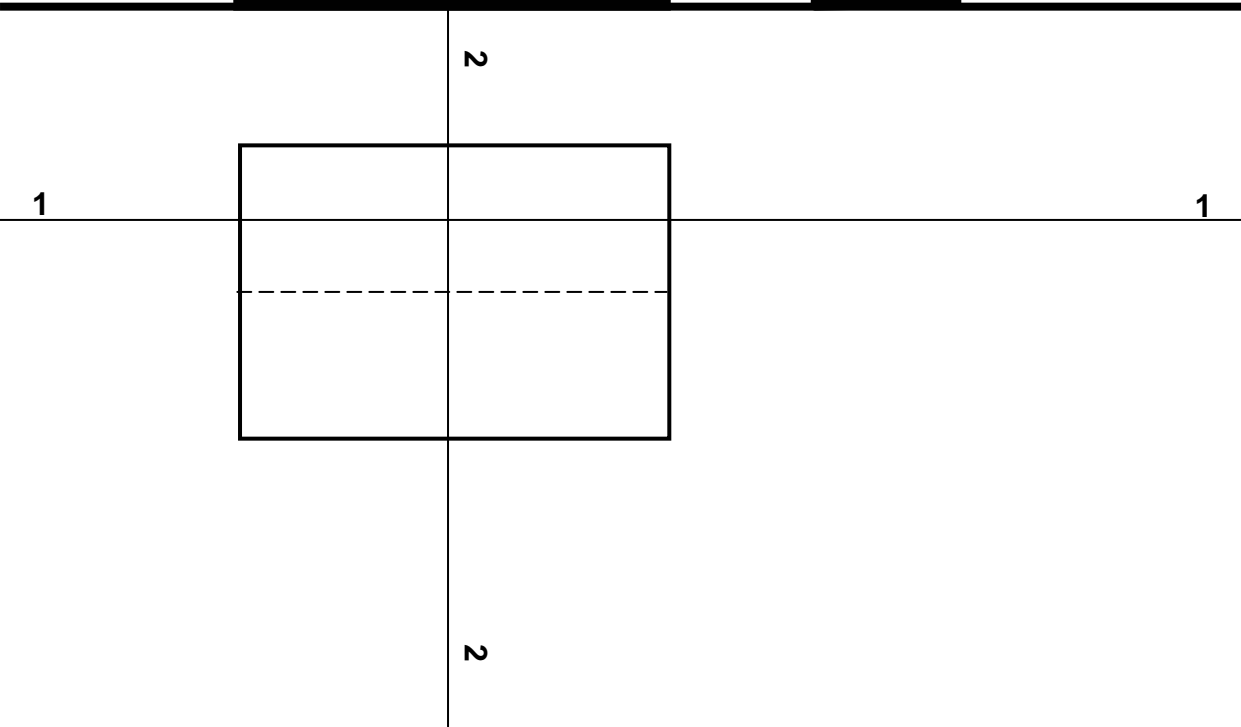


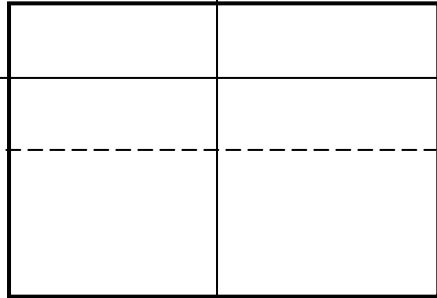
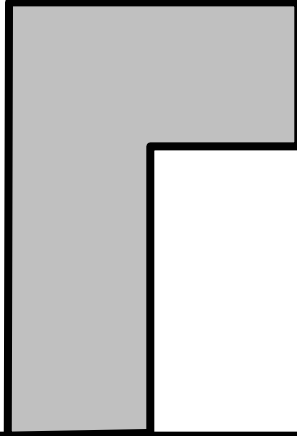
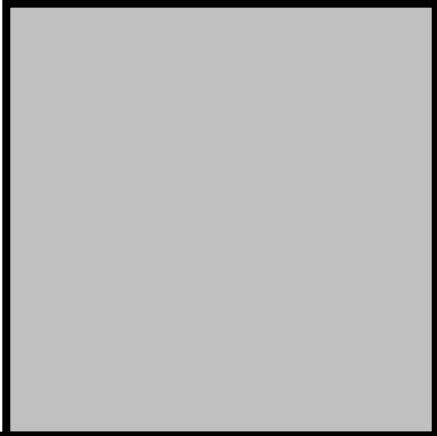
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CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL





2

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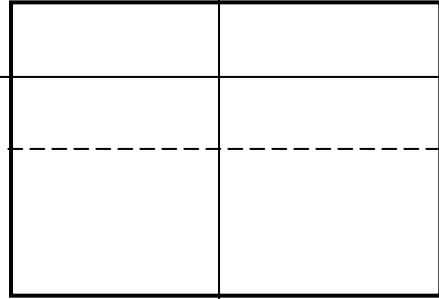
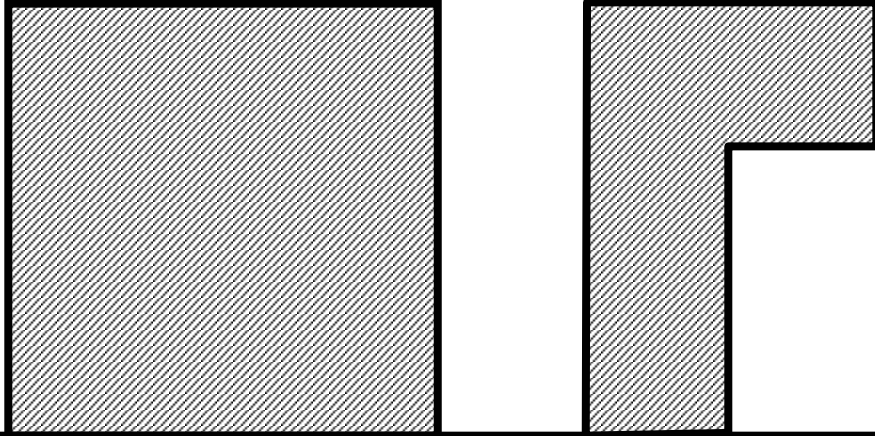
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LT

CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL

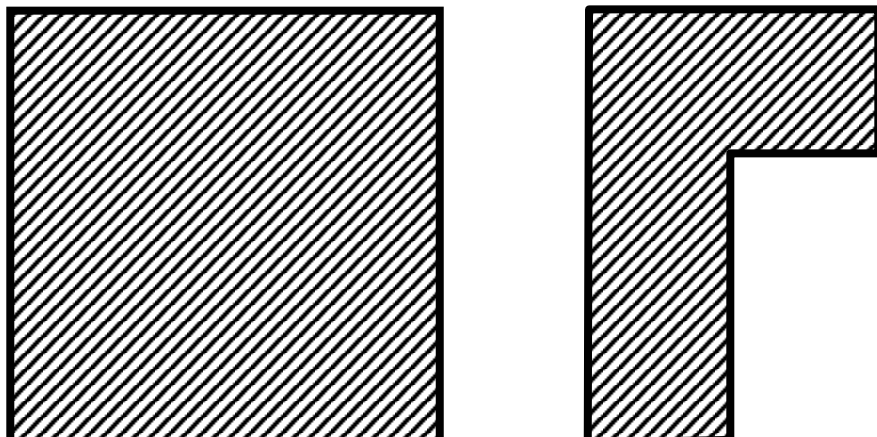


LT

CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL

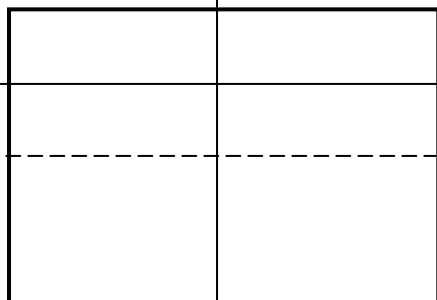


LT

CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL

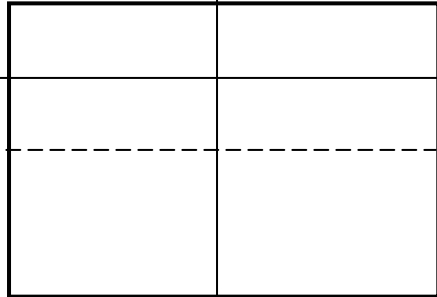
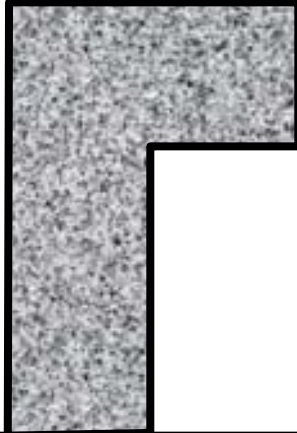
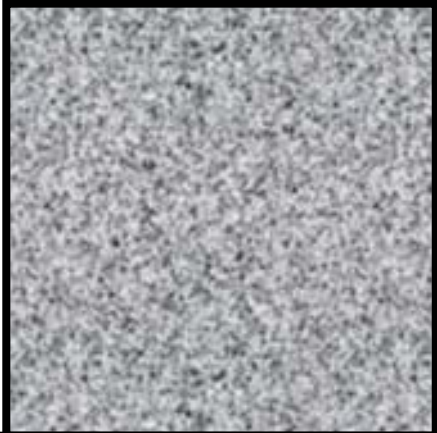


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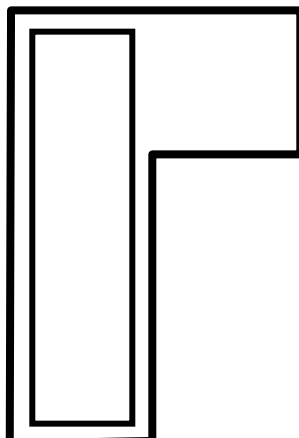
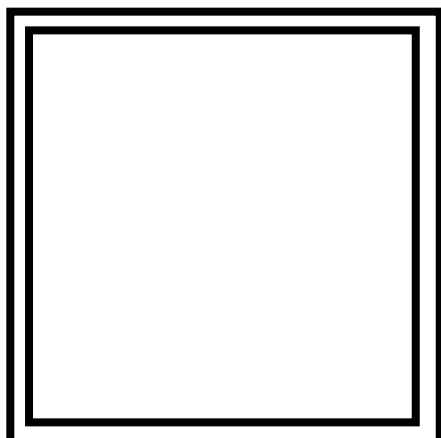


LT

CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL

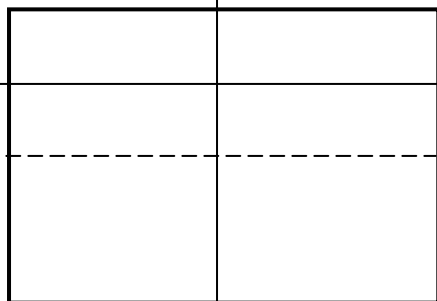


LT

CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL

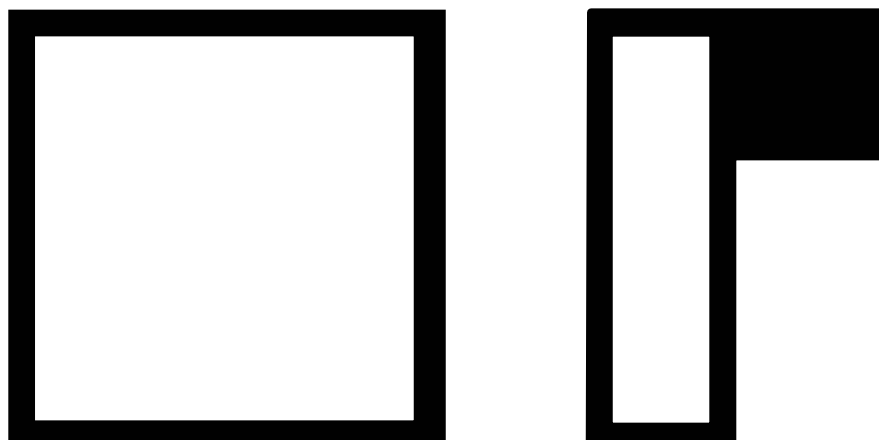


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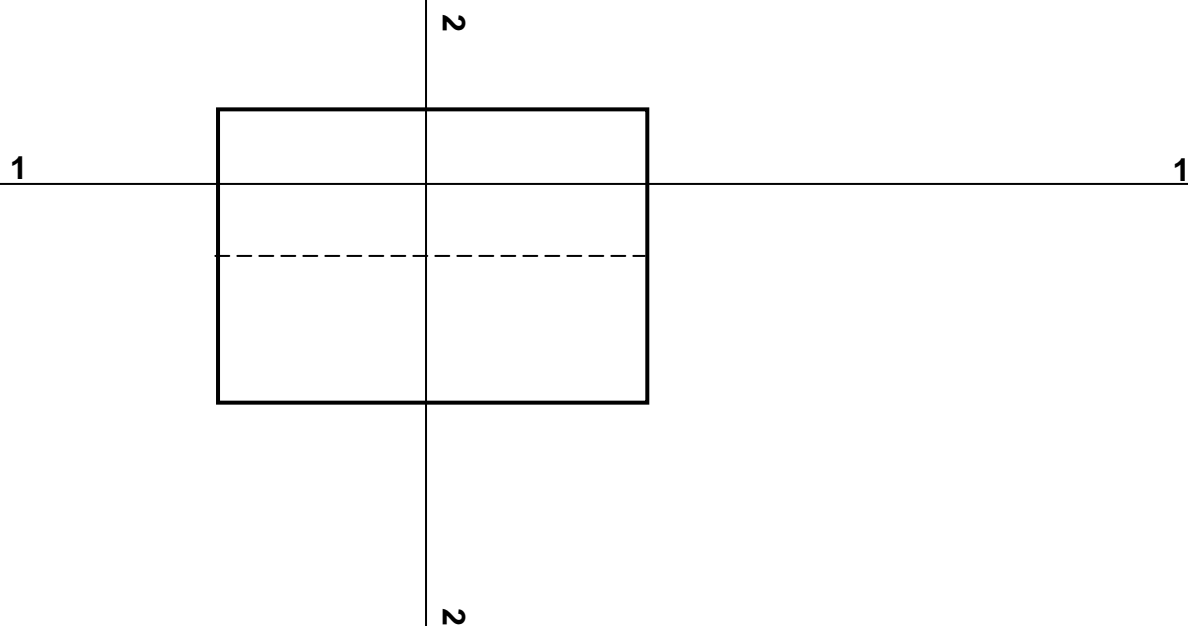


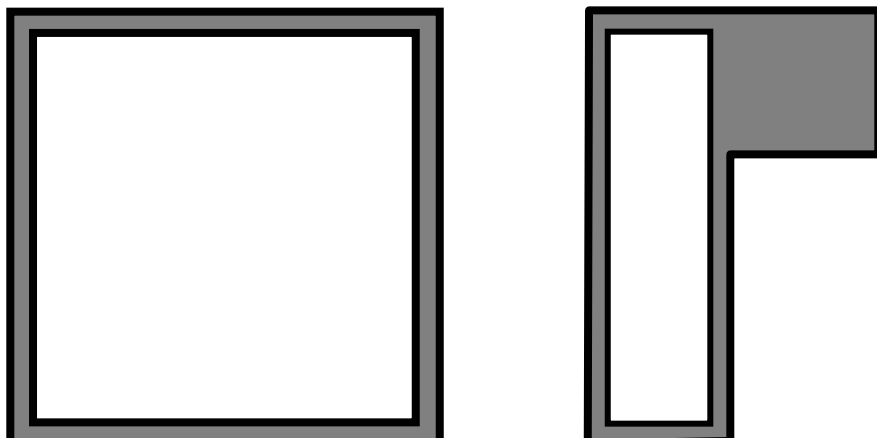
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CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL



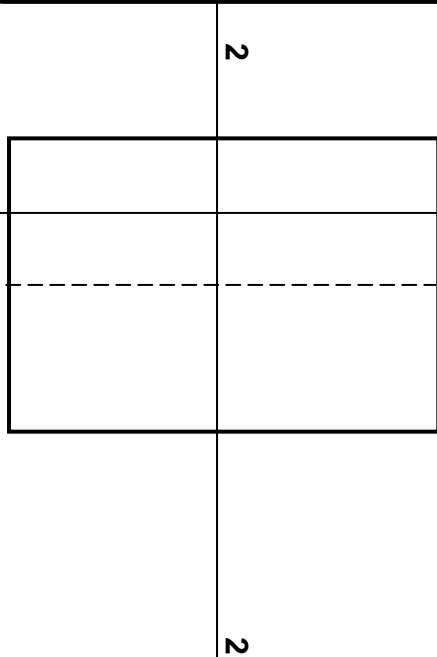


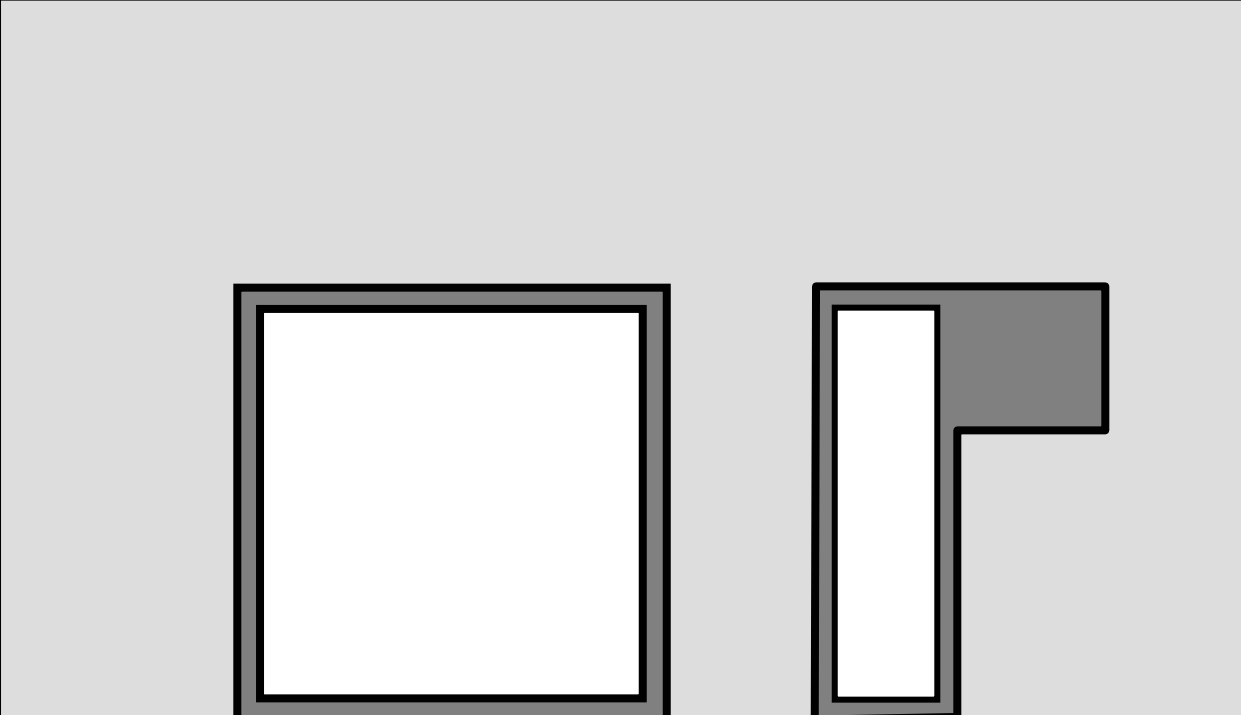
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CORTE 1 + CORTE 2

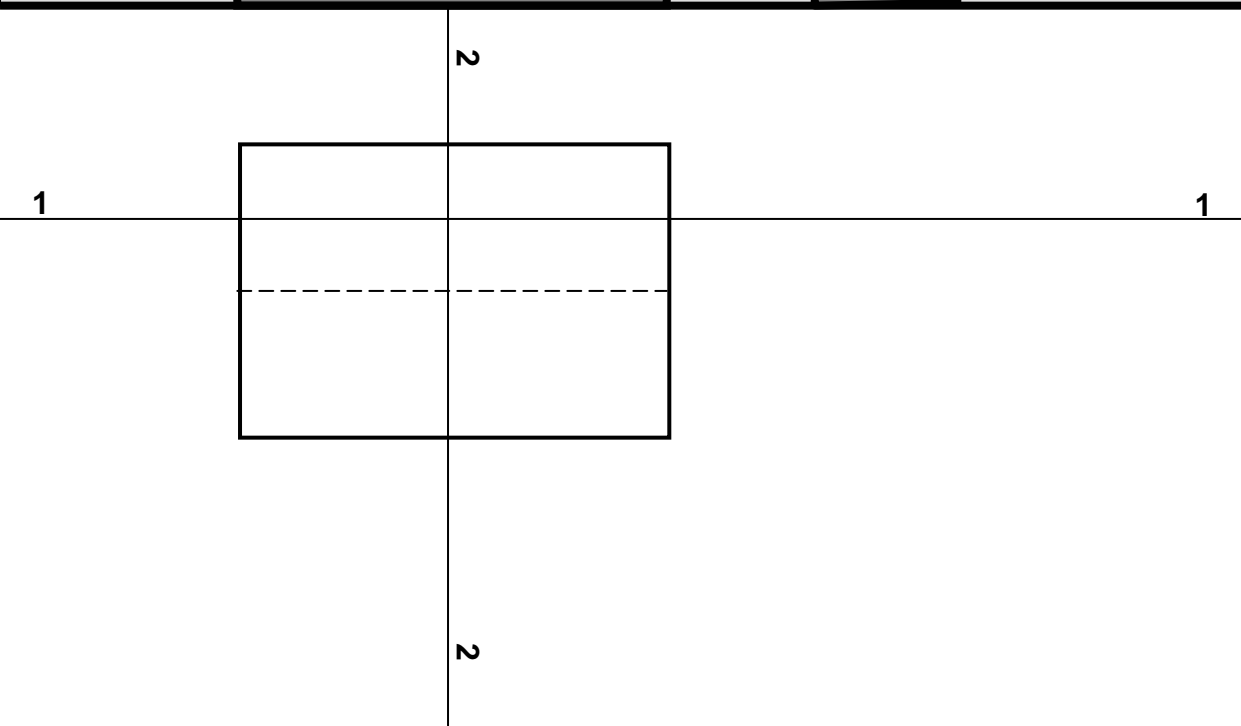
+ PLANTA TECHOS

+ FACHADA LATERAL





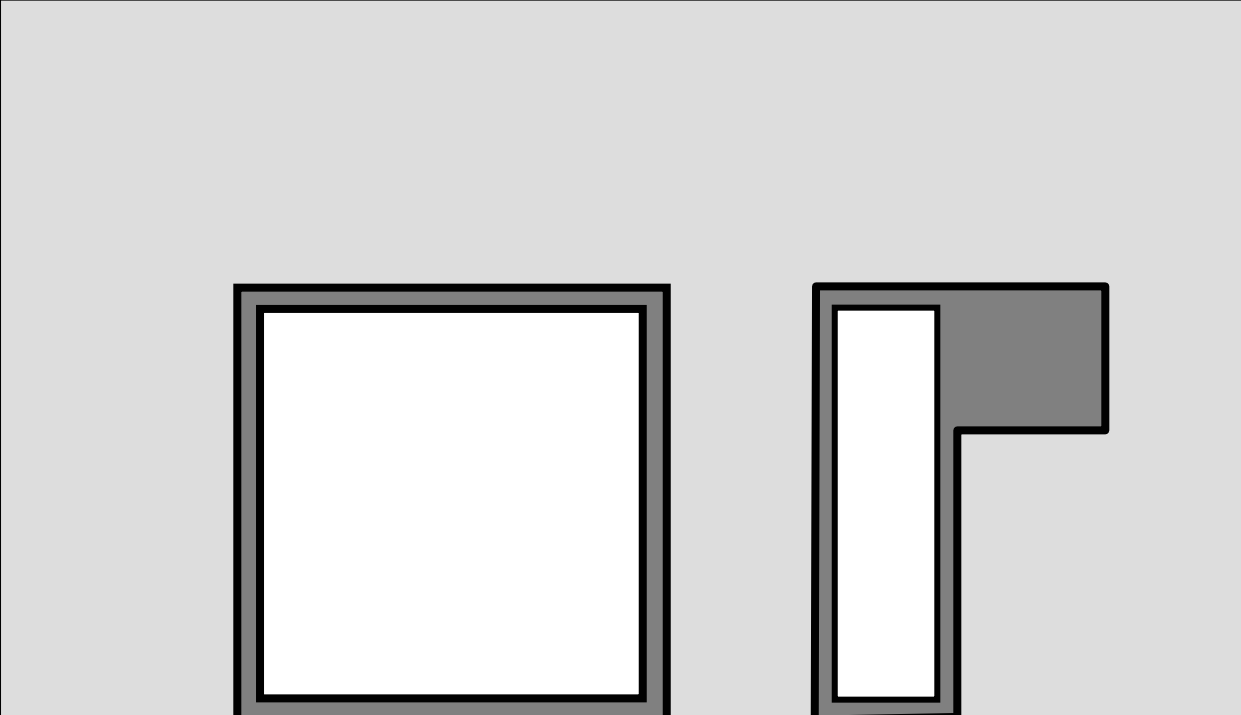
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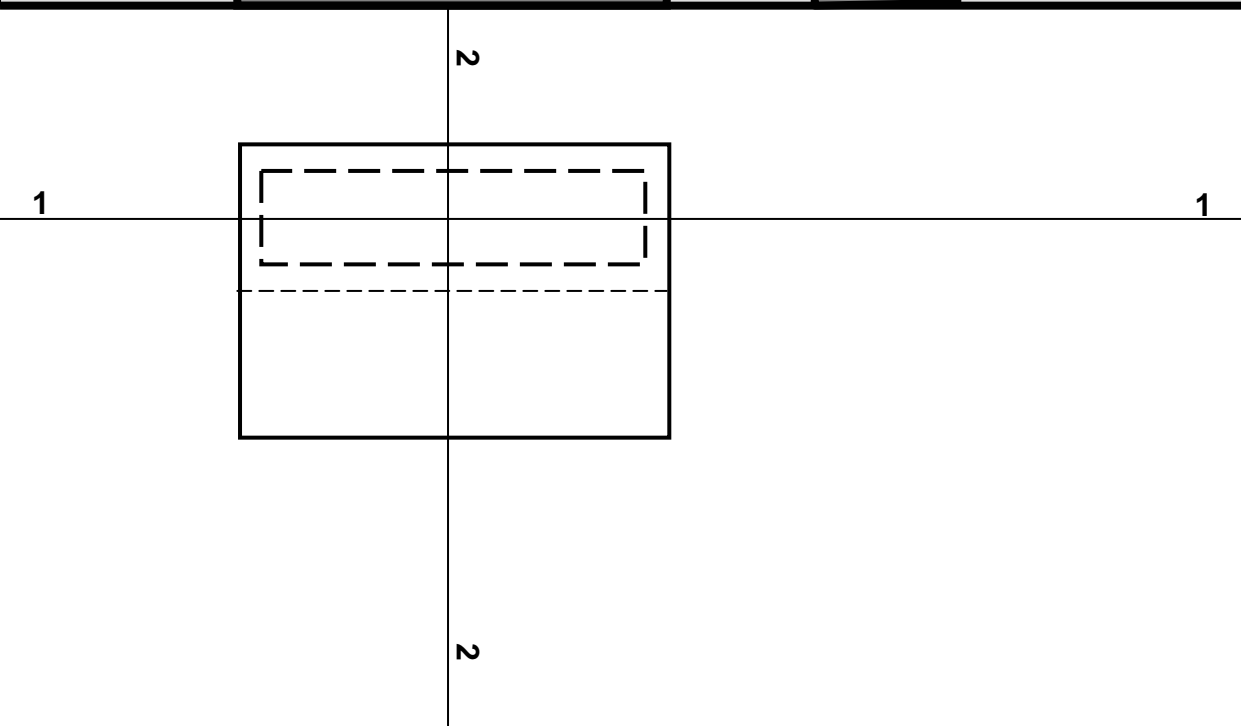
CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL



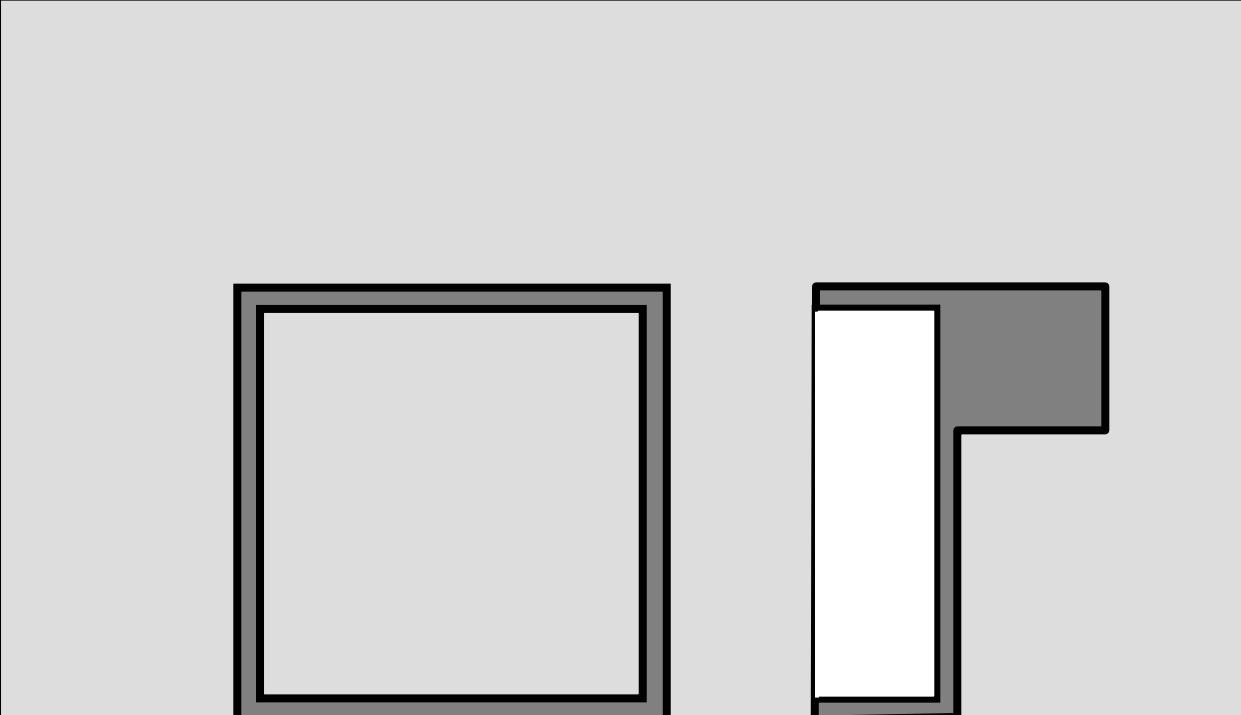
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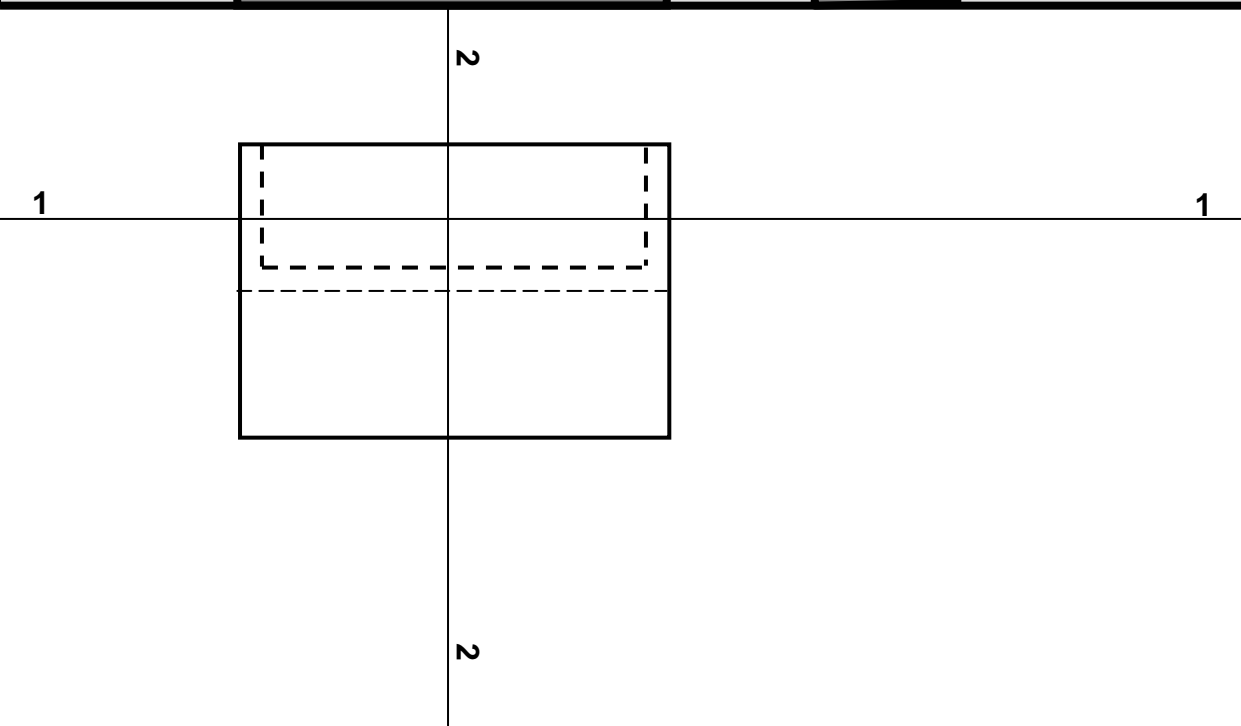
CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL



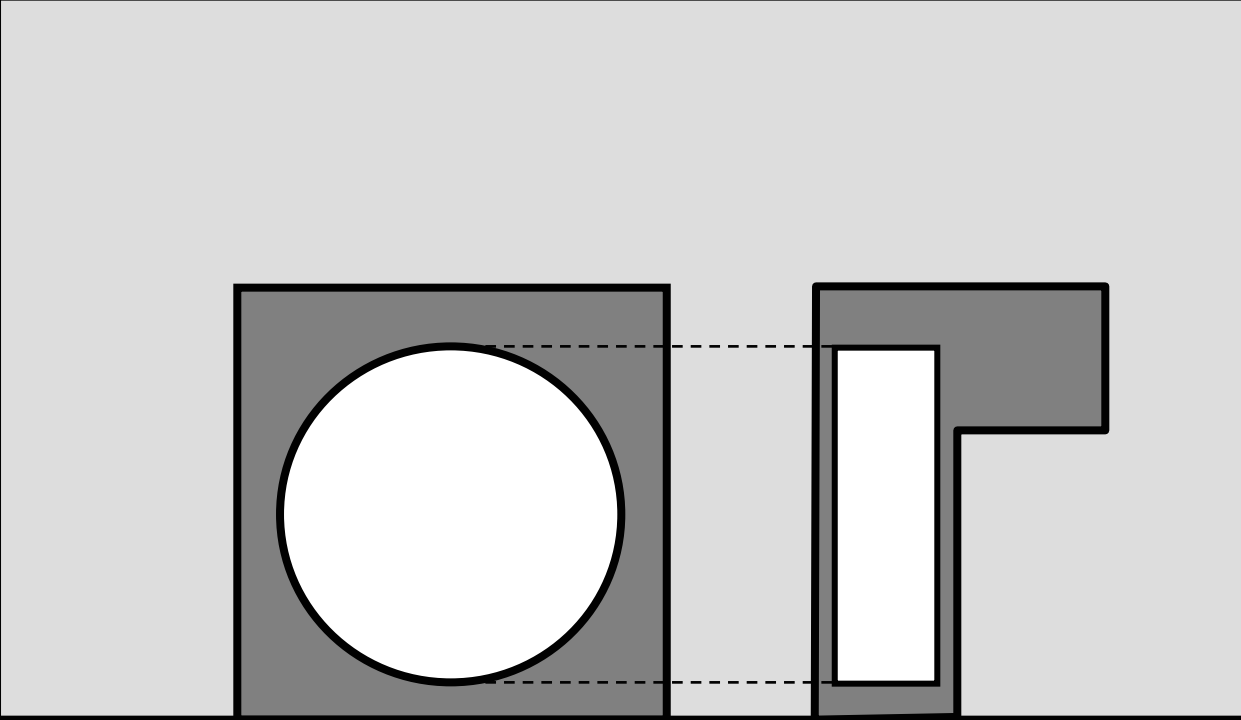
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CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL

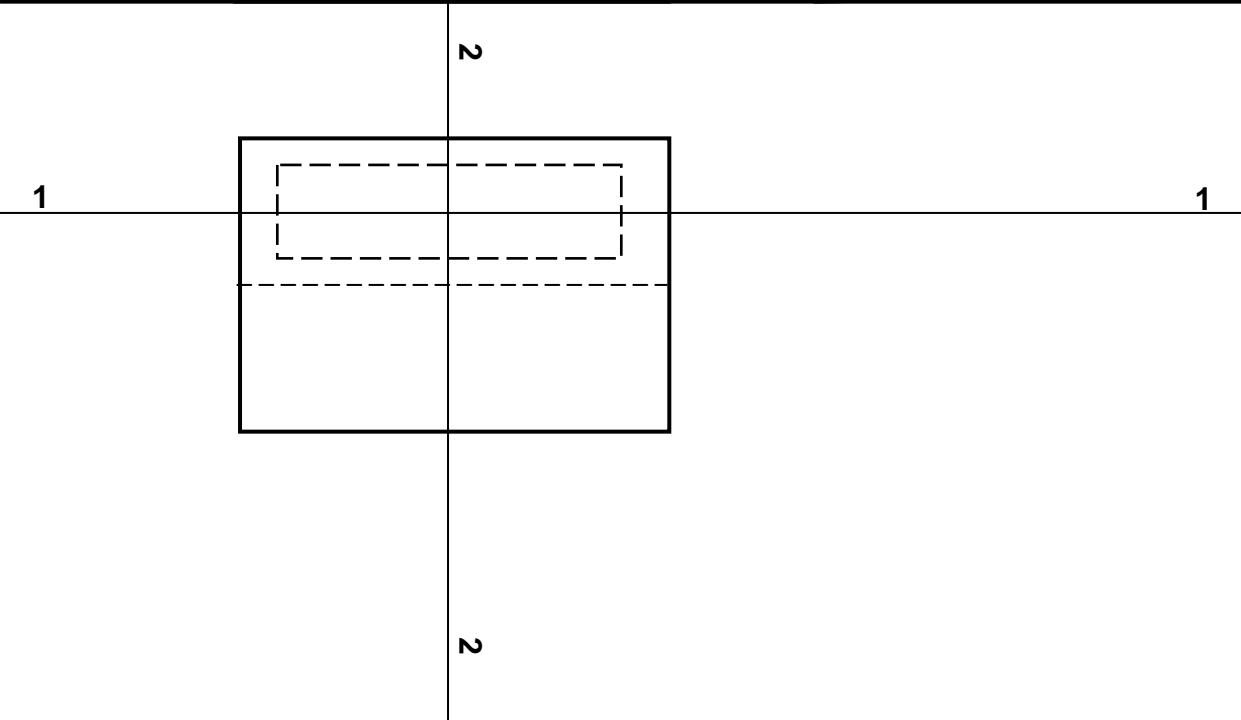


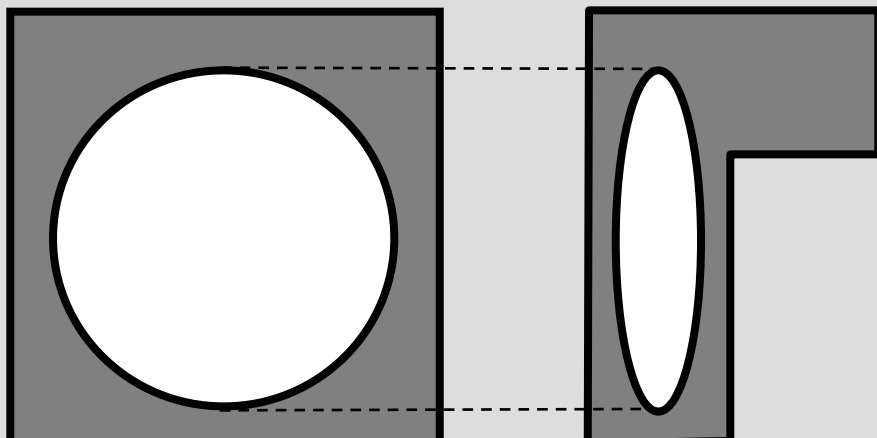
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CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL



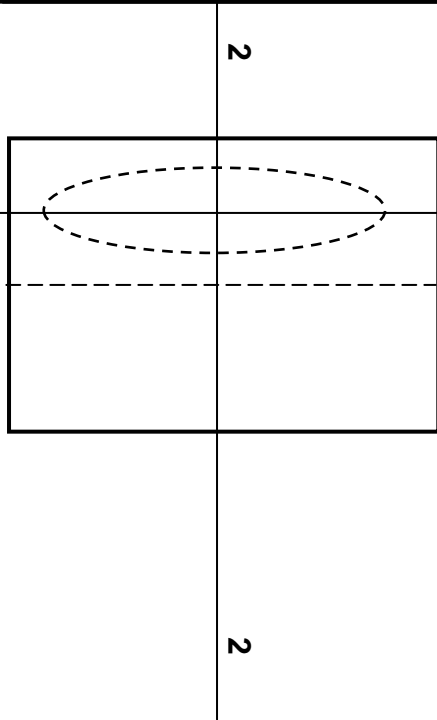


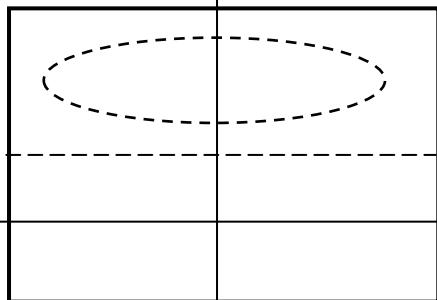
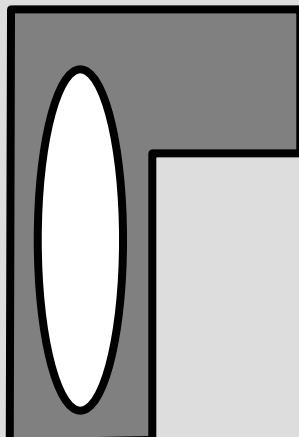
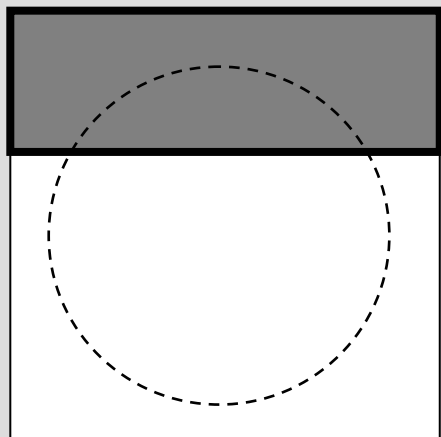
LT

CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL





2

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1

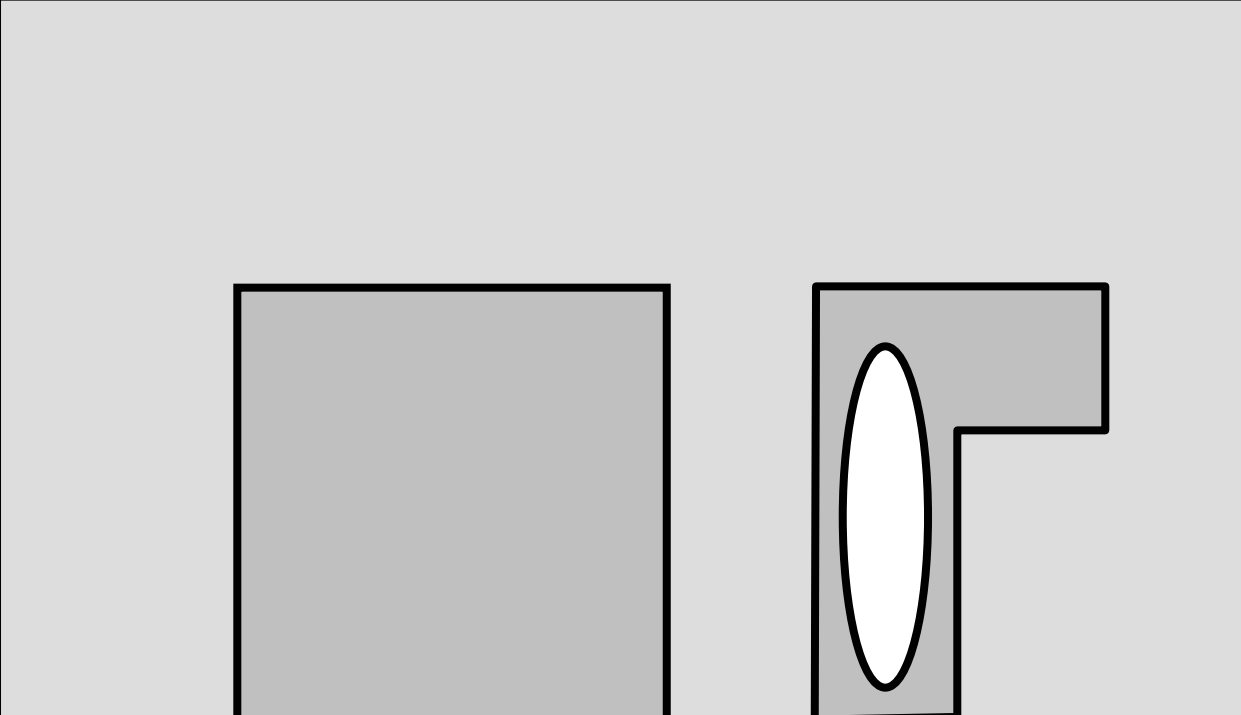
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LT

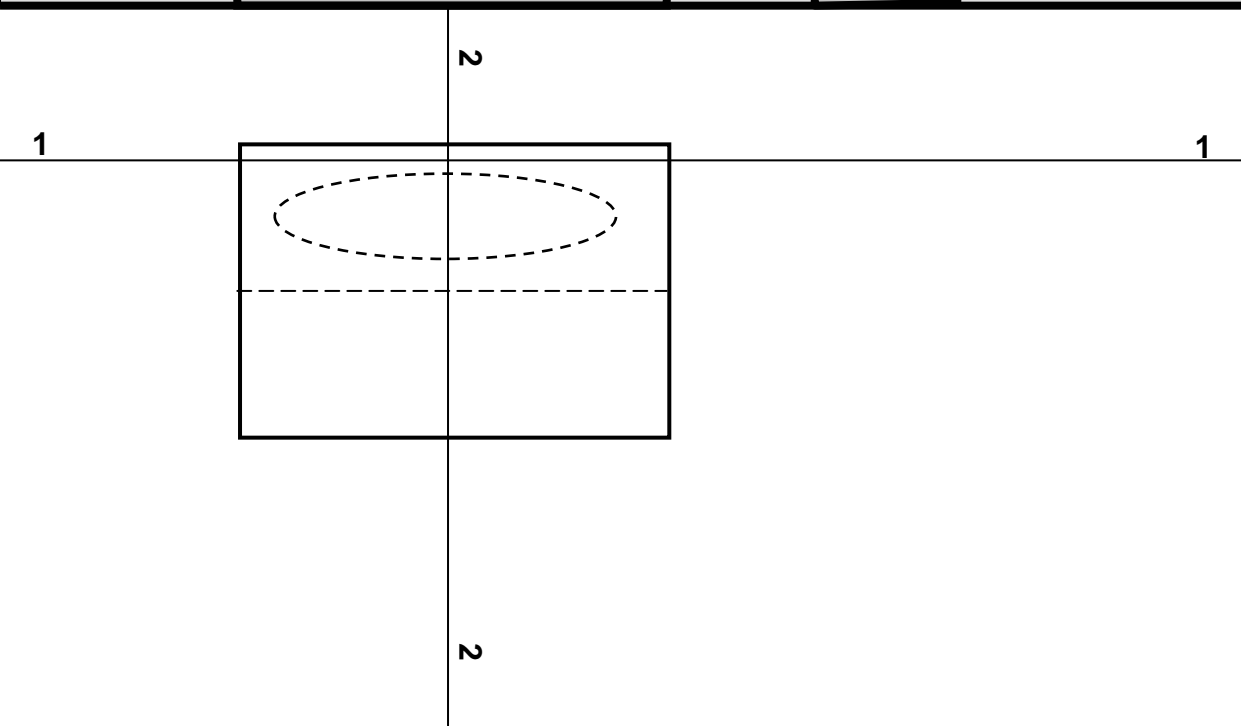
CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL



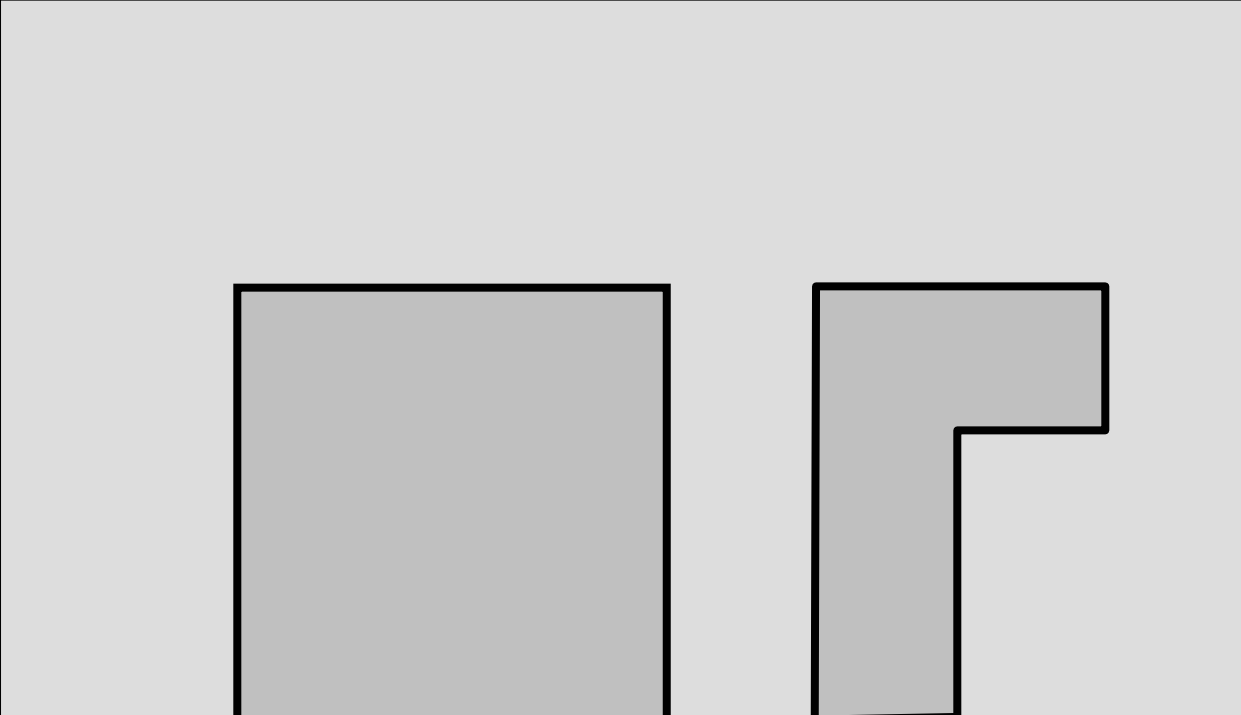
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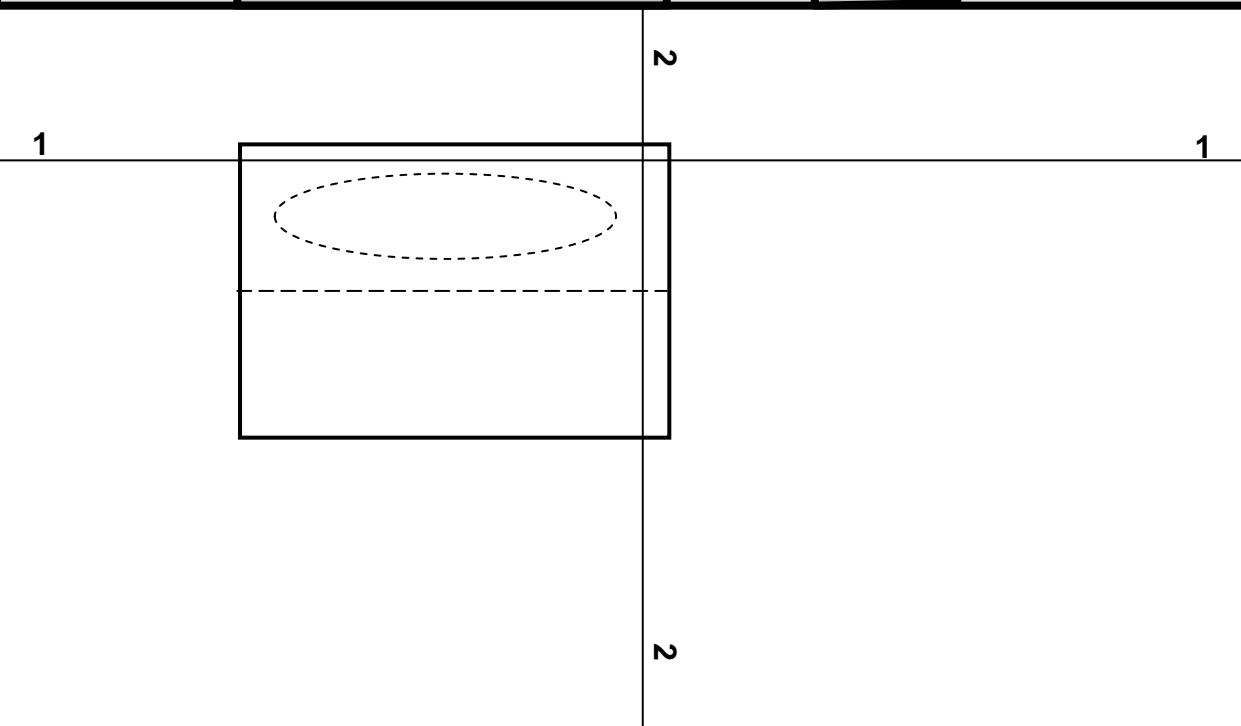
CORTE 1 + CORTE 2

+ PLANTA TECHOS

+ FACHADA LATERAL



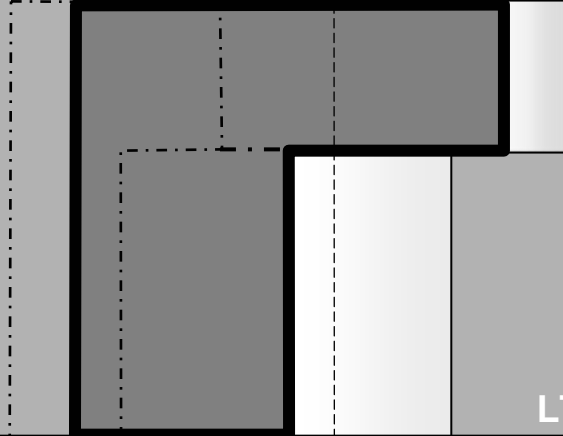
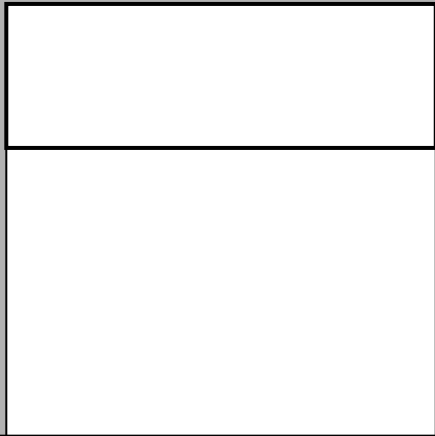
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CORTE 1 + CORTE 2

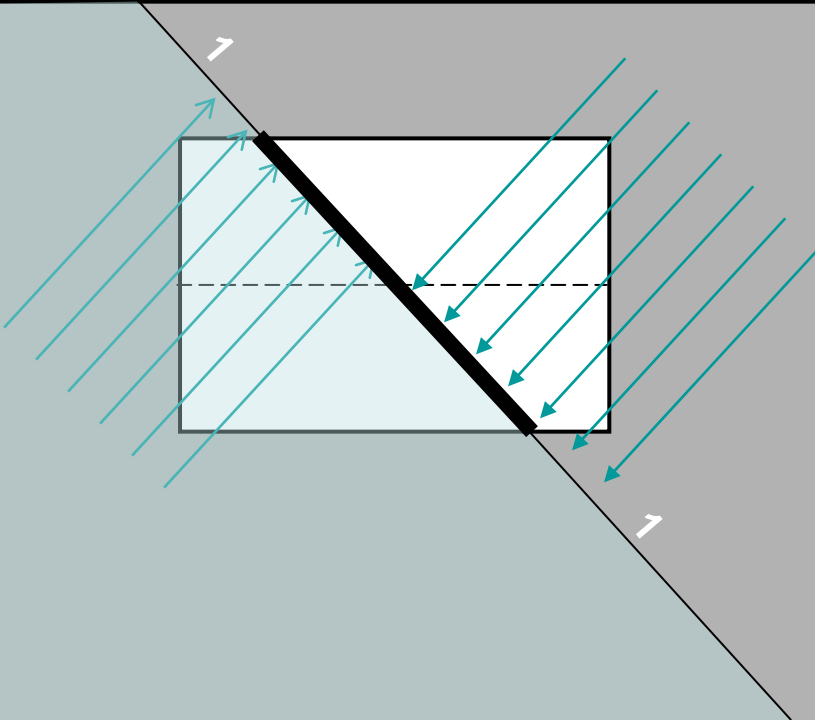
+ PLANTA TECHOS

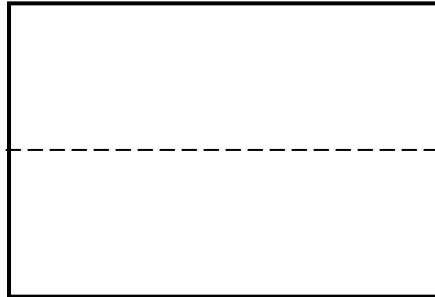
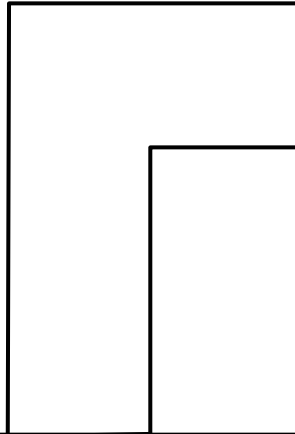
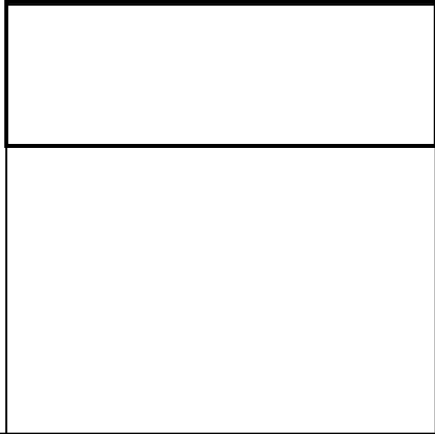
+ FACHADA LATERAL



LT

CORTE 1



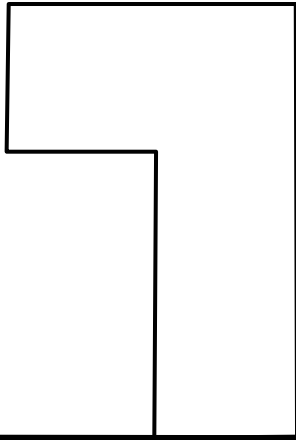


LT

FACHADA FRONTAL

+ PLANTA TECHOS

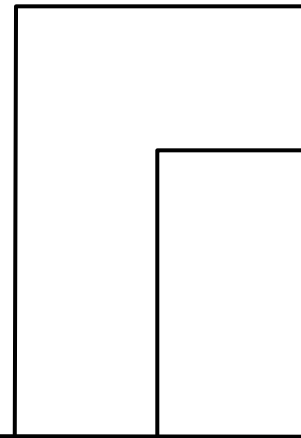
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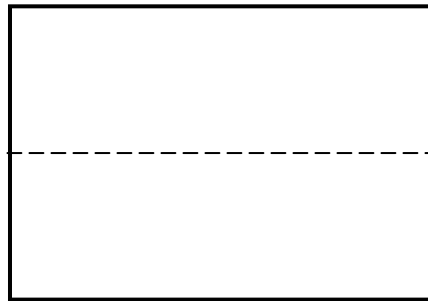
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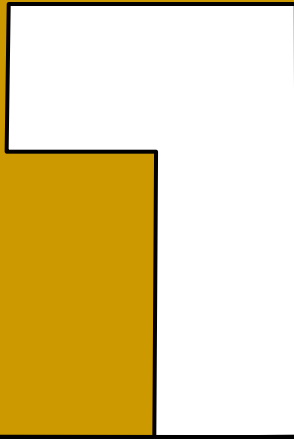
FACHADA FRONTAL



FACHADA LATERAL



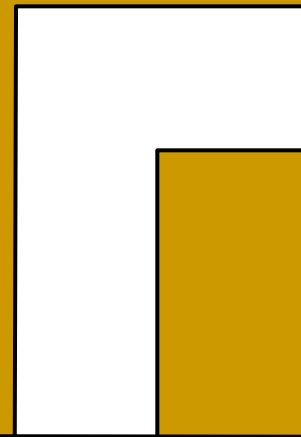
PLANTA TECHOS



FACHADA LATERAL

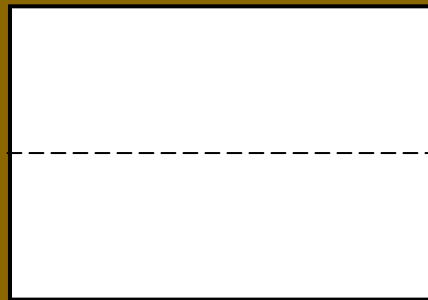


FACHADA FRONTAL

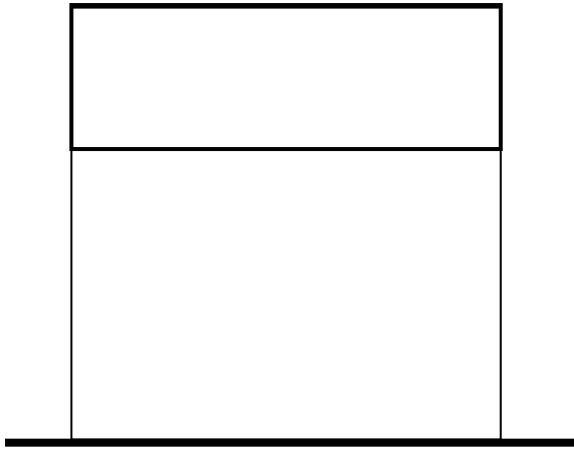


FACHADA LATERAL

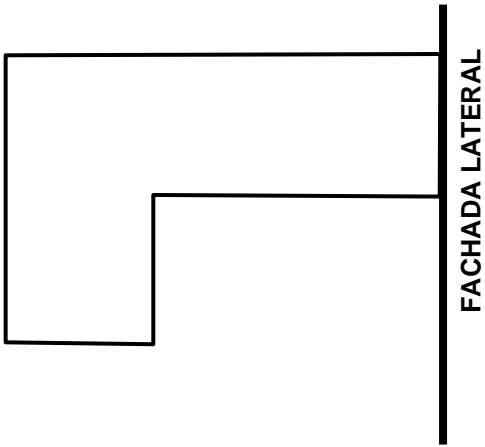
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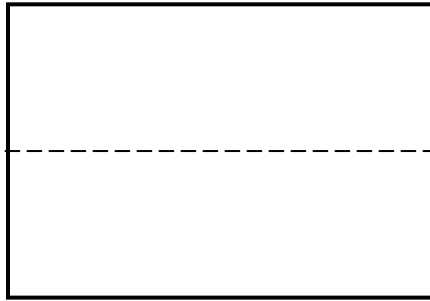
PLANTA TECHOS



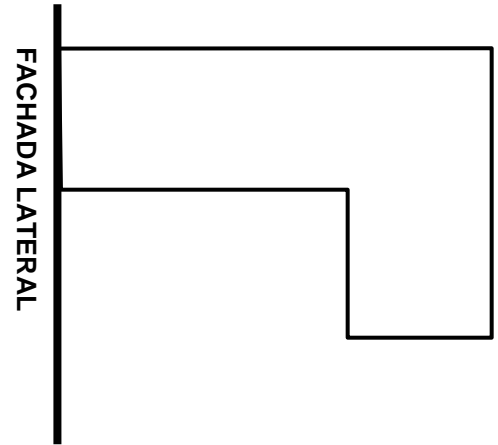
FACHADA FRONTAL



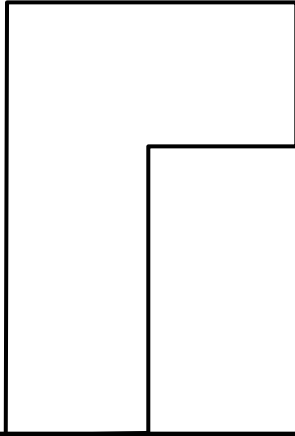
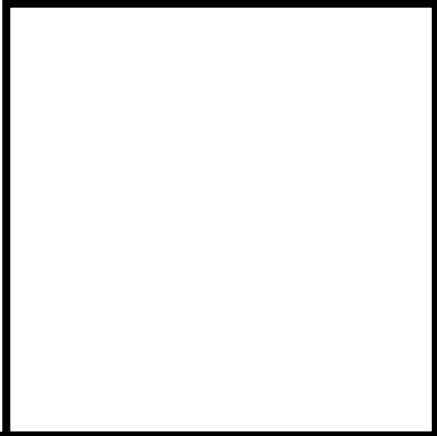
FACHADA LATERAL



PLANTA TECHOS



FACHADA LATERAL



LT

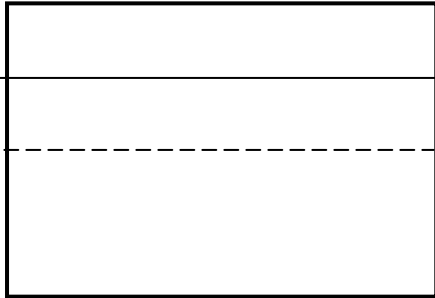
CORTE 1

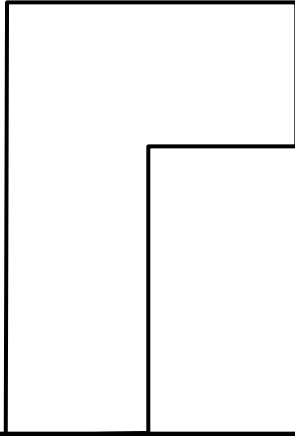
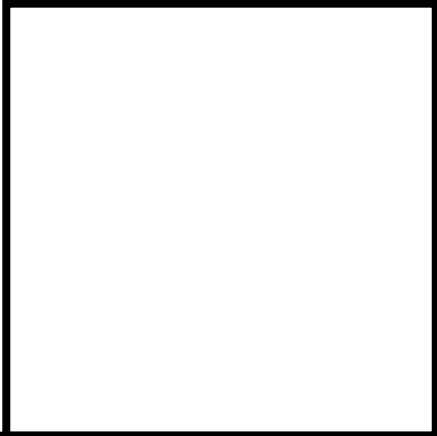
+ PLANTA TECHOS

+ FACHADA LATERAL

1

1





LT

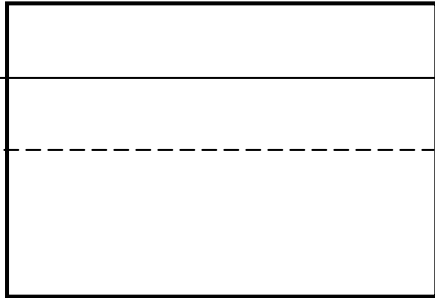
CORTE 1

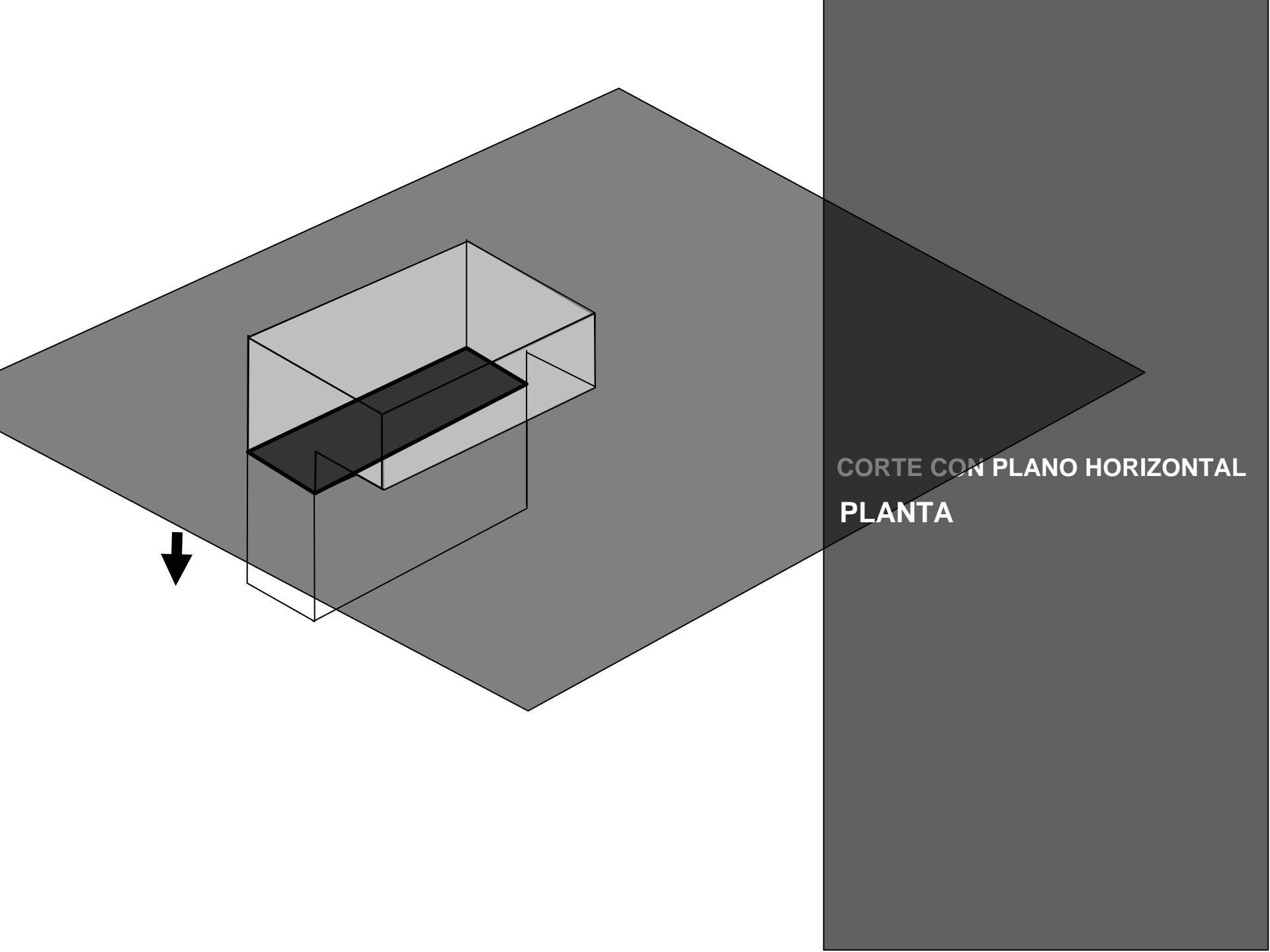
+ PLANTA TECHOS

+ FACHADA LATERAL

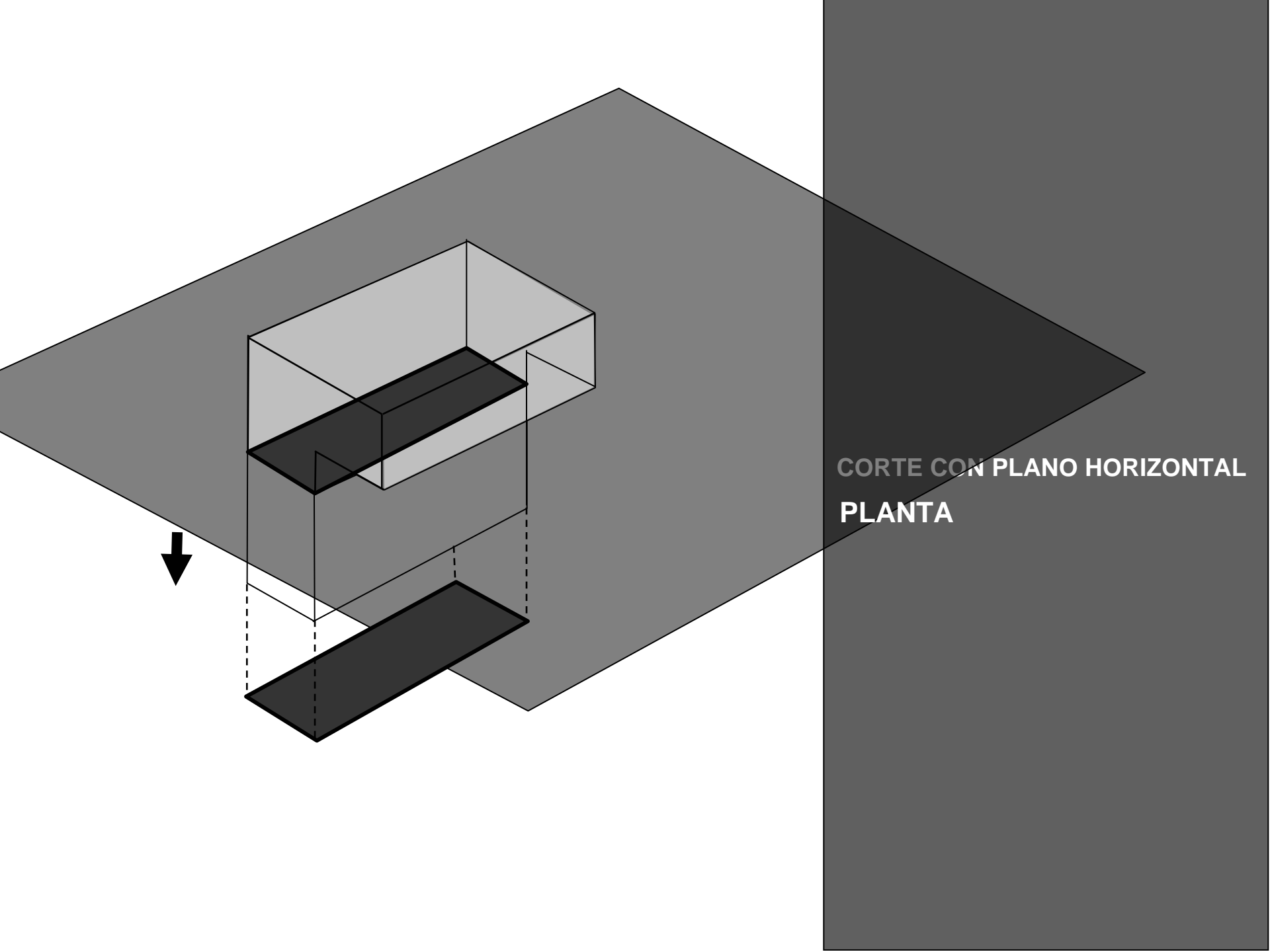
1

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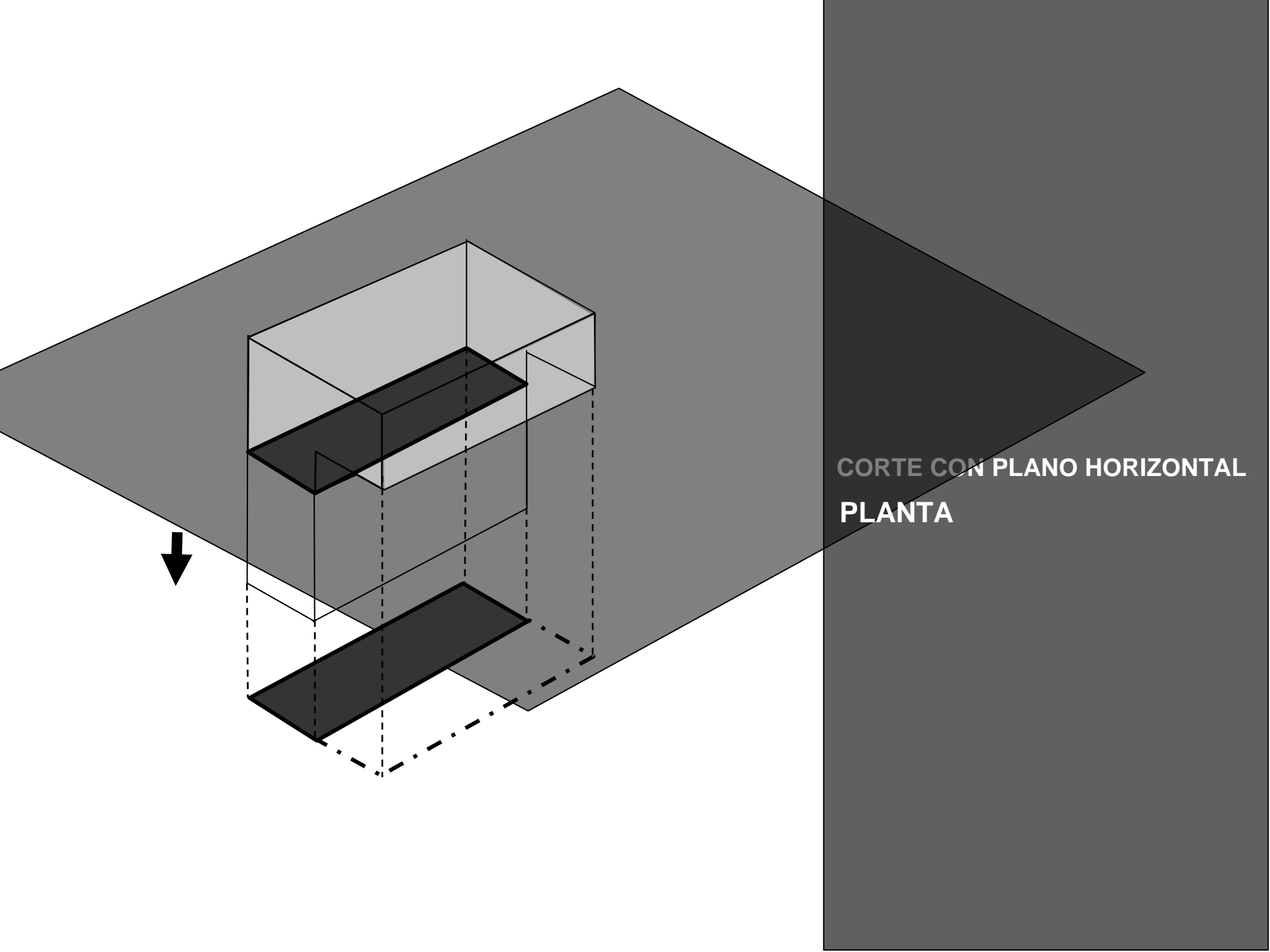




CORTE CON PLANO HORIZONTAL
PLANTA



CORTE CON PLANO HORIZONTAL
PLANTA



CORTE CON PLANO HORIZONTAL
PLANTA



FACHADA FRONTAL

FACHADA LATERAL



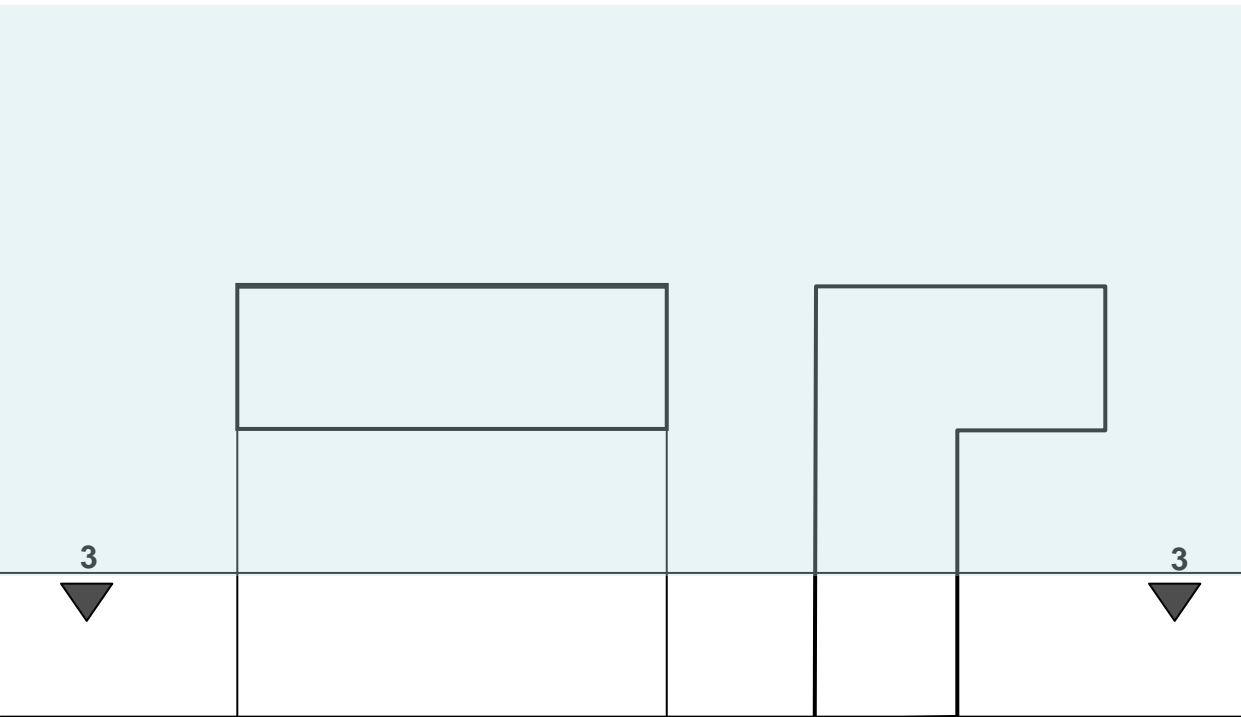
PLANTA NIVEL XXX

LT

FACHADA FRONTAL

+ PLANTA NIVEL XXX ó CORTE 3

+ FACHADA LATERAL



FACHADA FRONTAL

FACHADA LATERAL



PLANTA NIVEL XXX

LT





FACHADA FRONTAL

FACHADA LATERAL

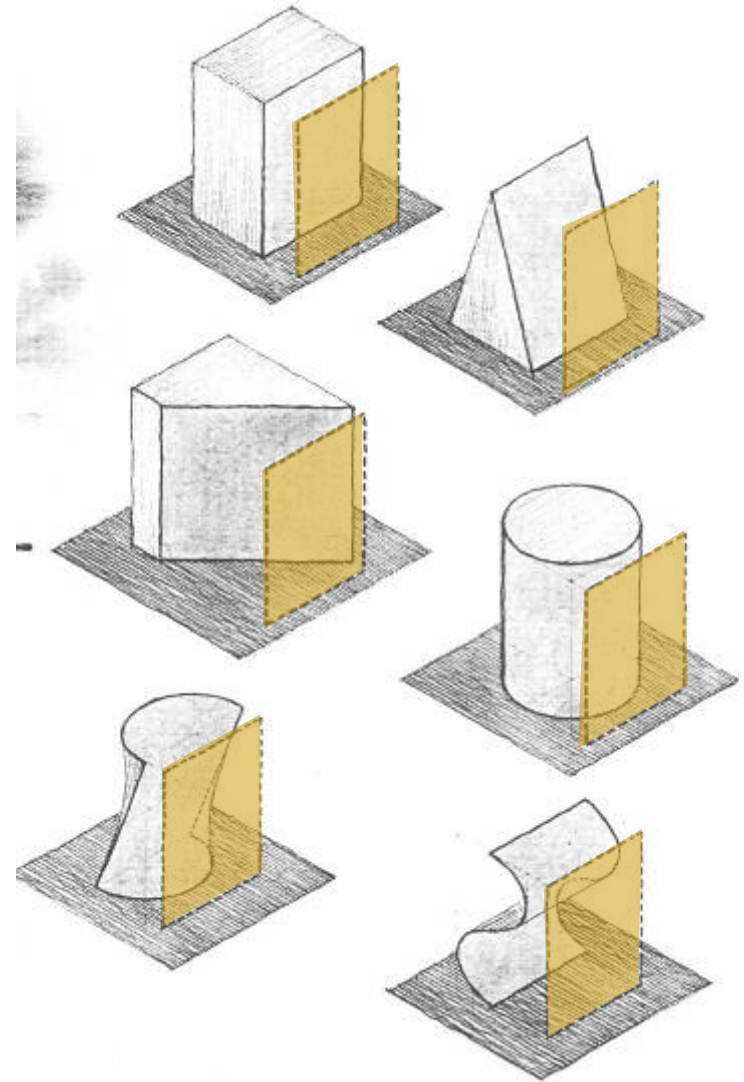
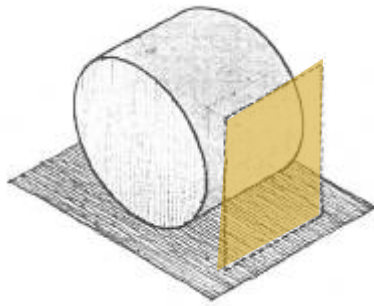
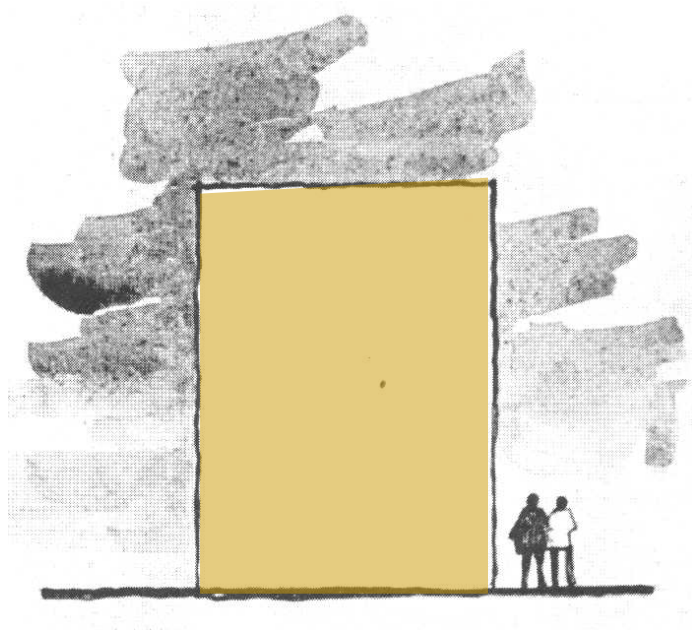


PLANTA NIVEL XXX

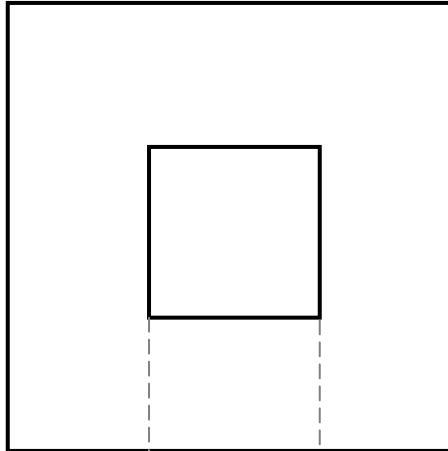
LT



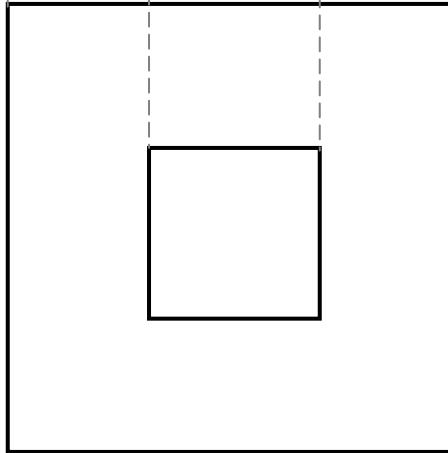
ESTRUCTURA GEOMÉTRICA SIN EXPRESIÓN



LT

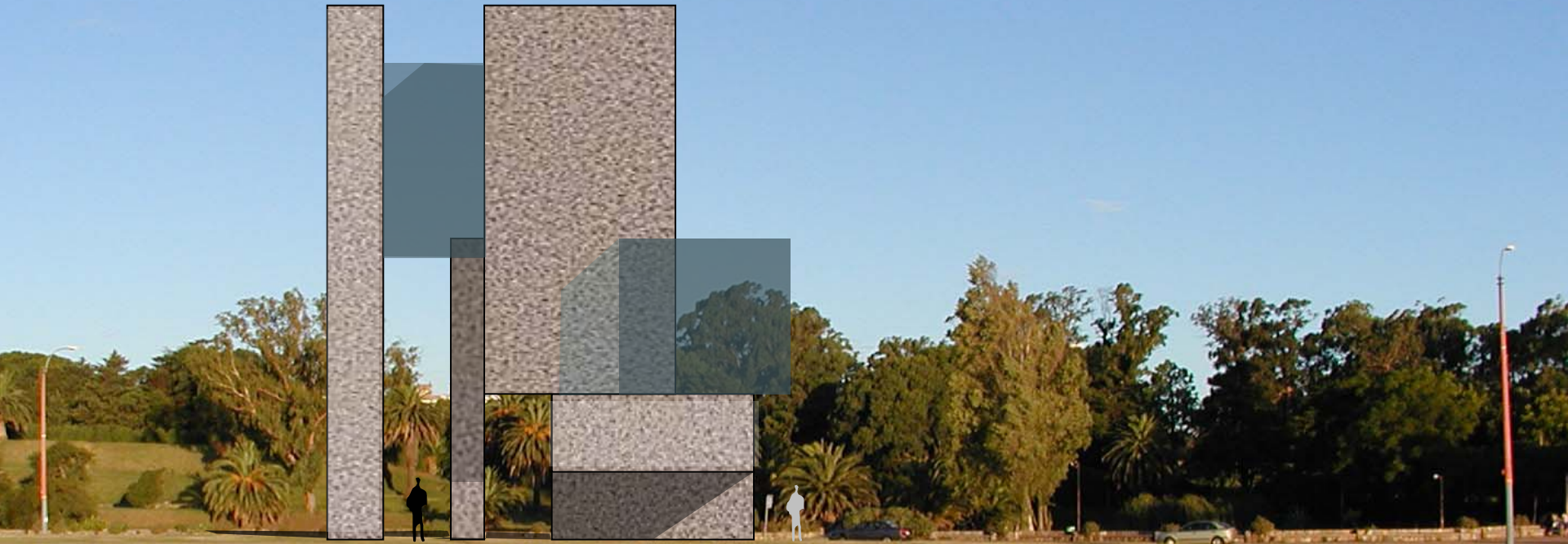


FACHADA



PLANTA

FOTOMONTAJE



SDO fachada

FOTOMONTAJE

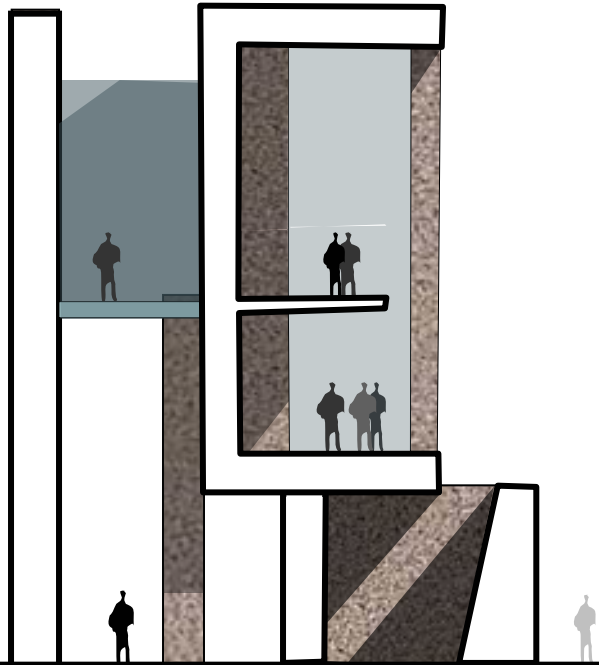


SDO corte

FOTOMONTAJE

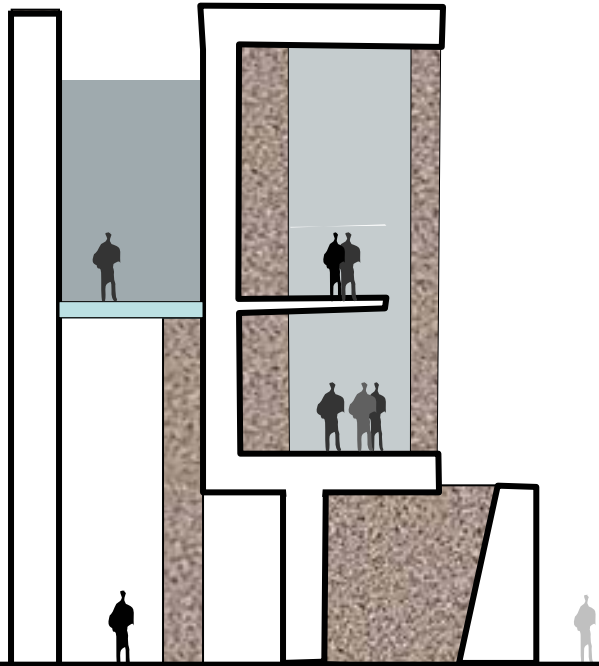


SDO corte



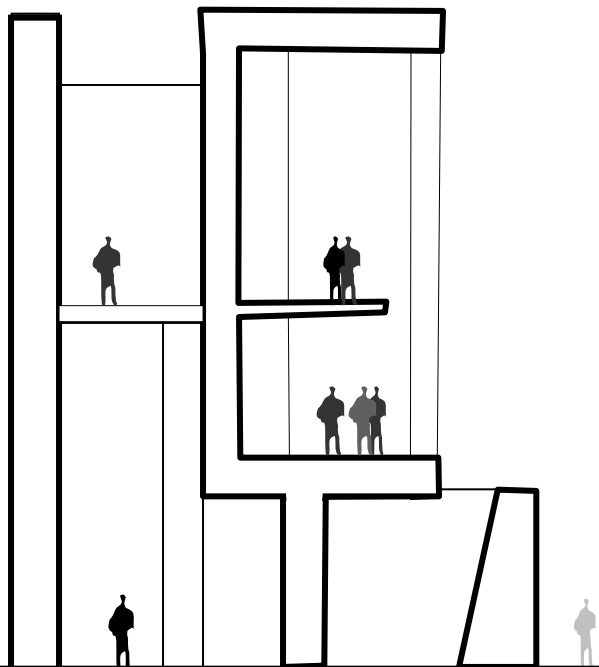
SDO corte

LT



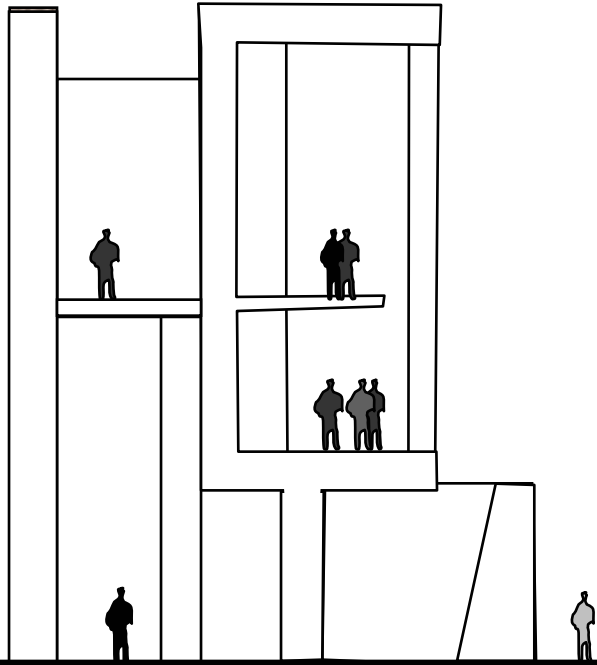
SDO corte

LT



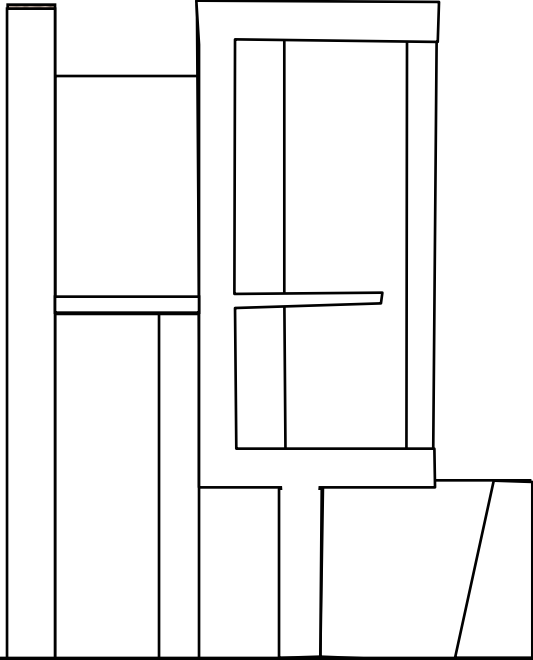
SDO corte

LT



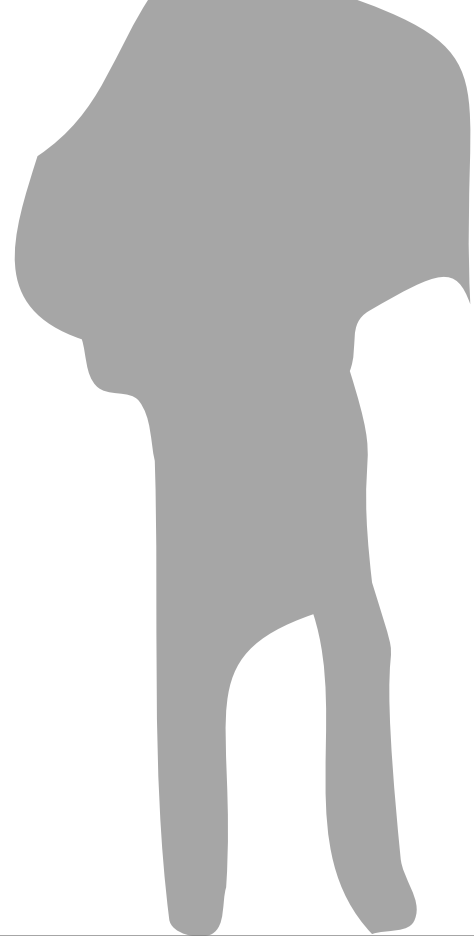
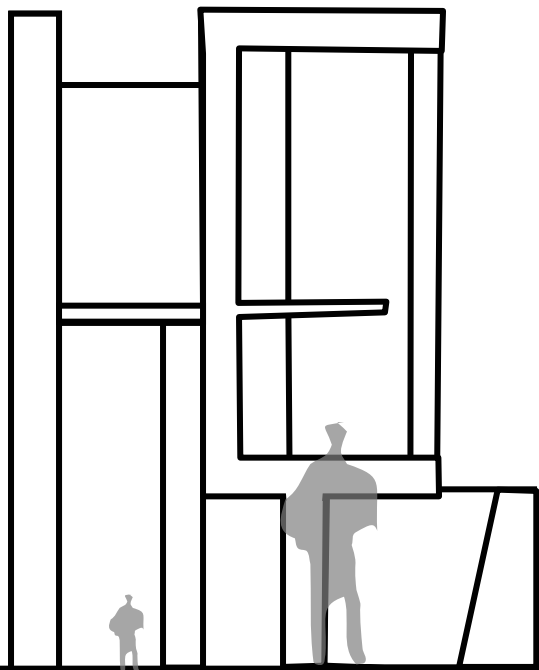
SDO corte

LT



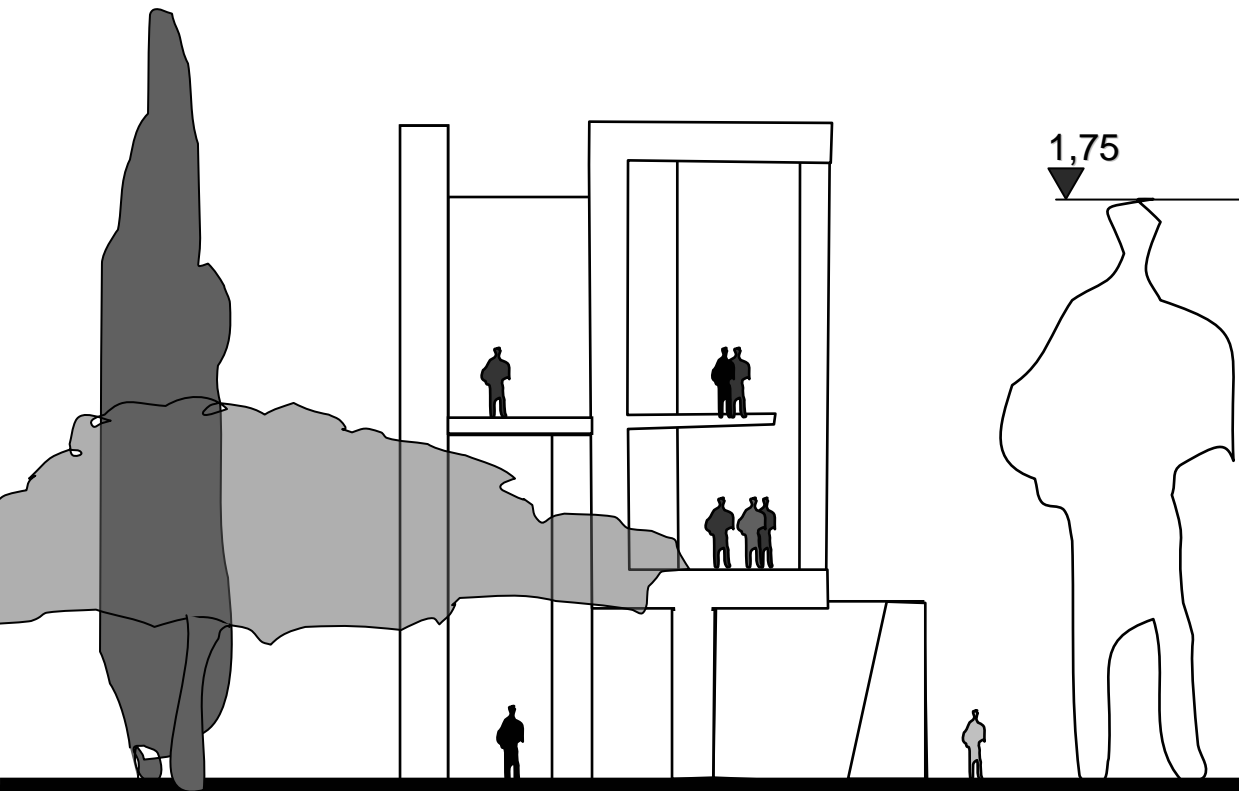
SDO corte

LT



LT

SDO corte



ESCALA

Permite relacionar el objeto con una unidad de medida

Escala "humana"
Es una forma **aproximada** de obtener las dimensiones del objeto mediante la comparación con otro objeto de dimensiones conocidas

SDO corte

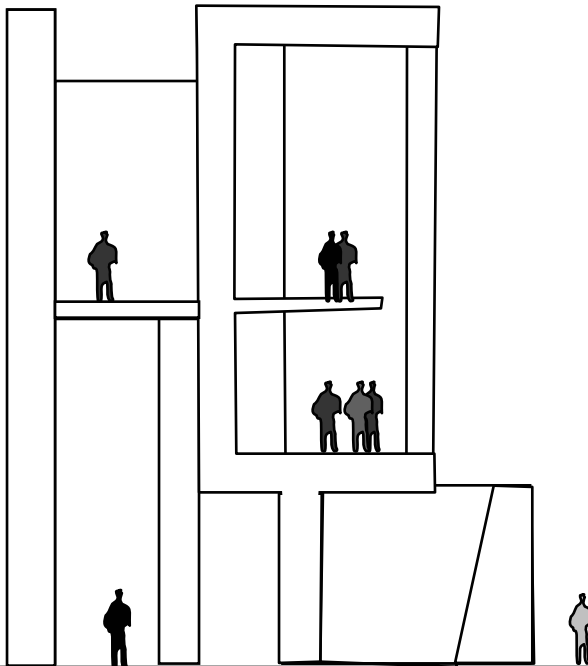
ESCALA

Permite relacionar el objeto con una unidad de medida

Escala gráfica

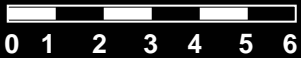
Escala numérica

LT



LT

SDO corte 1:200



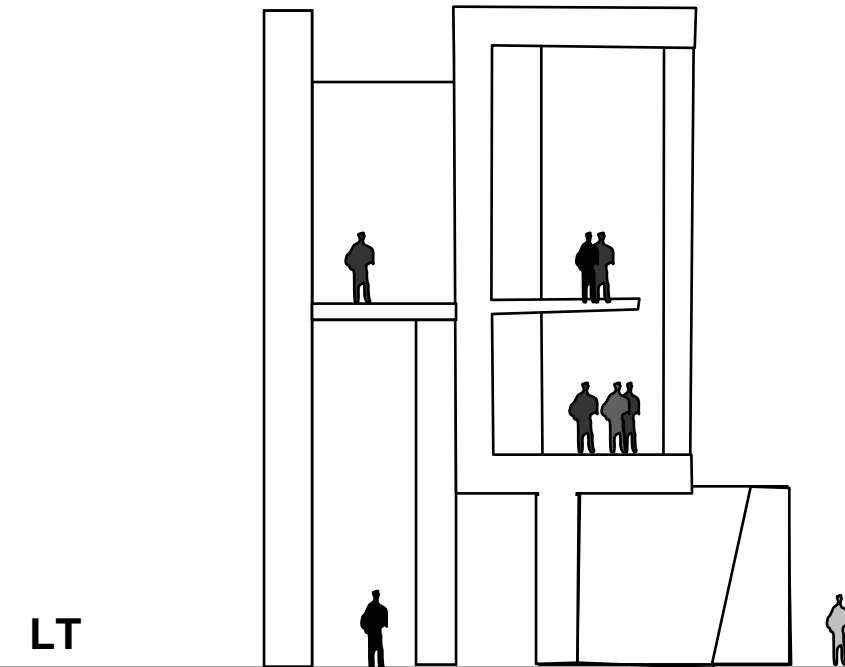
ESCALA numérica

imagen = escala x realidad

I (dibujo) = $E \times R$

1 cm = 1:200 x 200 cm

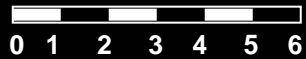
1 cm = $\frac{1}{200}$ x 200 cm



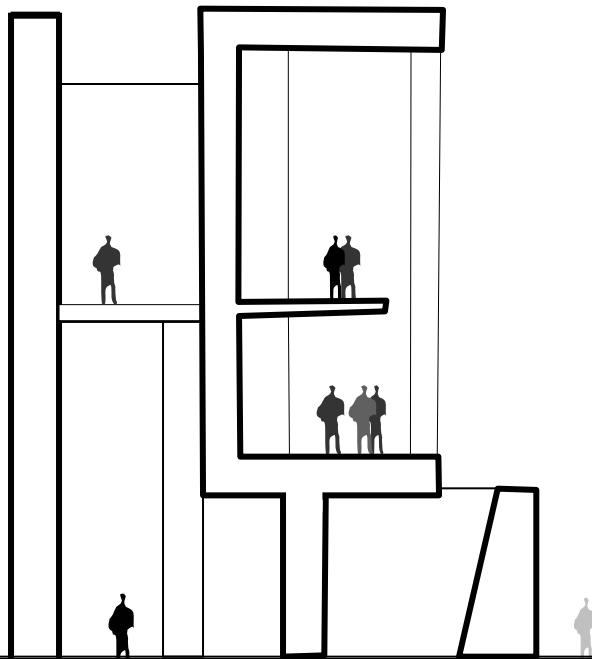
LT

LT

SDO corte 1:200



LT

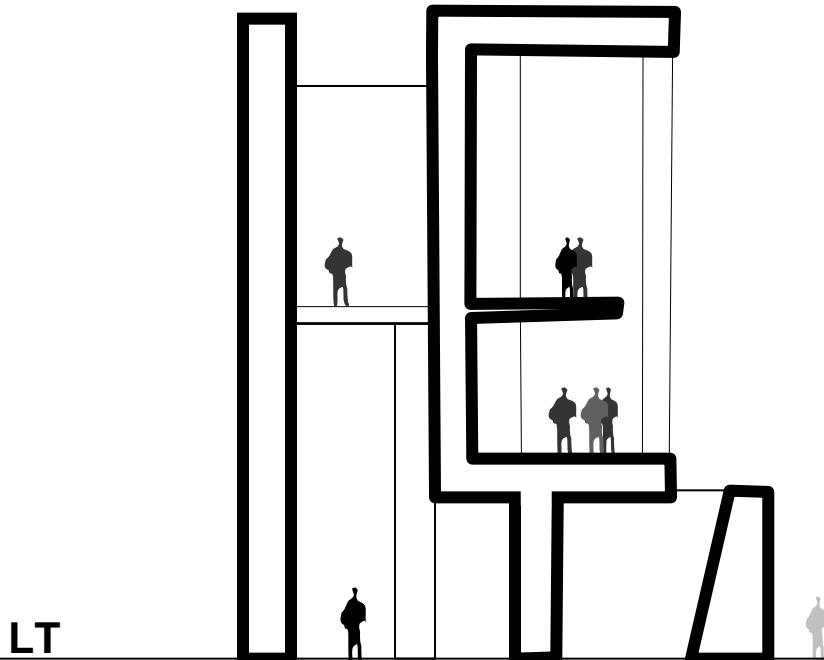


CORTE

Sección
Proyección
Trazo valorado

En el corte de un objeto hay una parte seccionada y otra proyectada.
Estas partes deben diferenciarse en la representación gráfica.

LT



CORTE

Sección
Proyección
Trazo valorado

En el corte de un objeto hay una parte seccionada y otra proyectada.
Estas partes deben diferenciarse en la representación gráfica.

LT

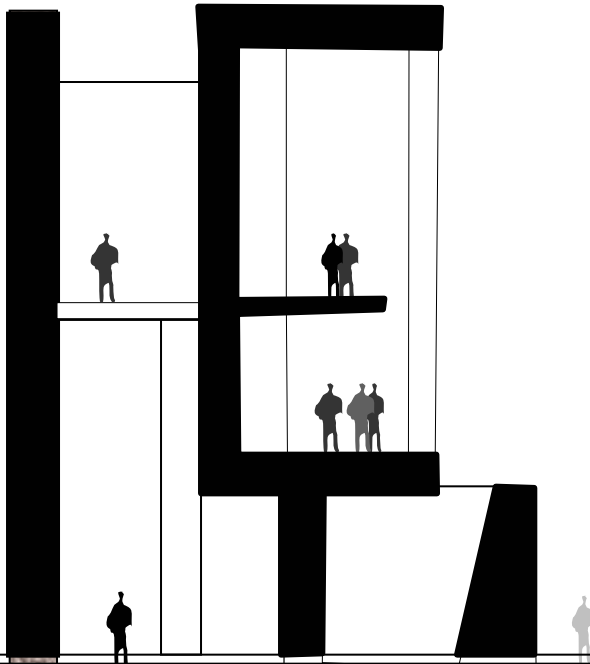
LT

CORTE

Sección Proyección Sección pintada

En el corte de un objeto hay una parte seccionada y otra proyectada.
Estas partes deben diferenciarse en la representación gráfica.

LT



LT

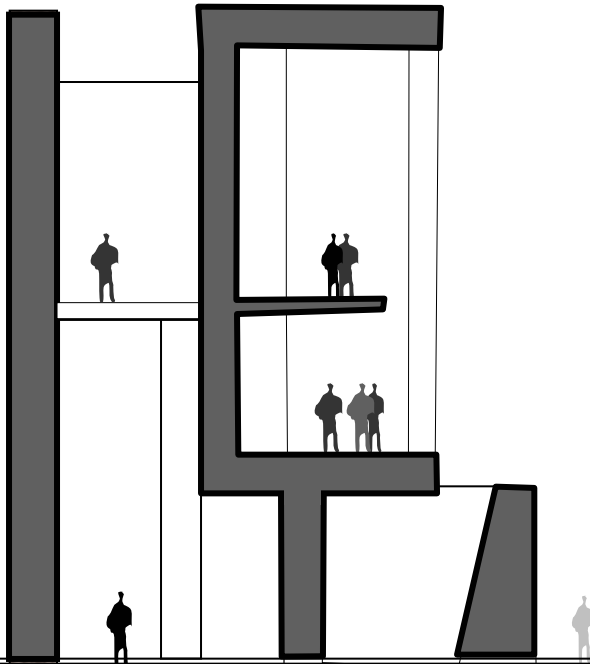
SDO corte

CORTE

Sección Proyección Sección pintada

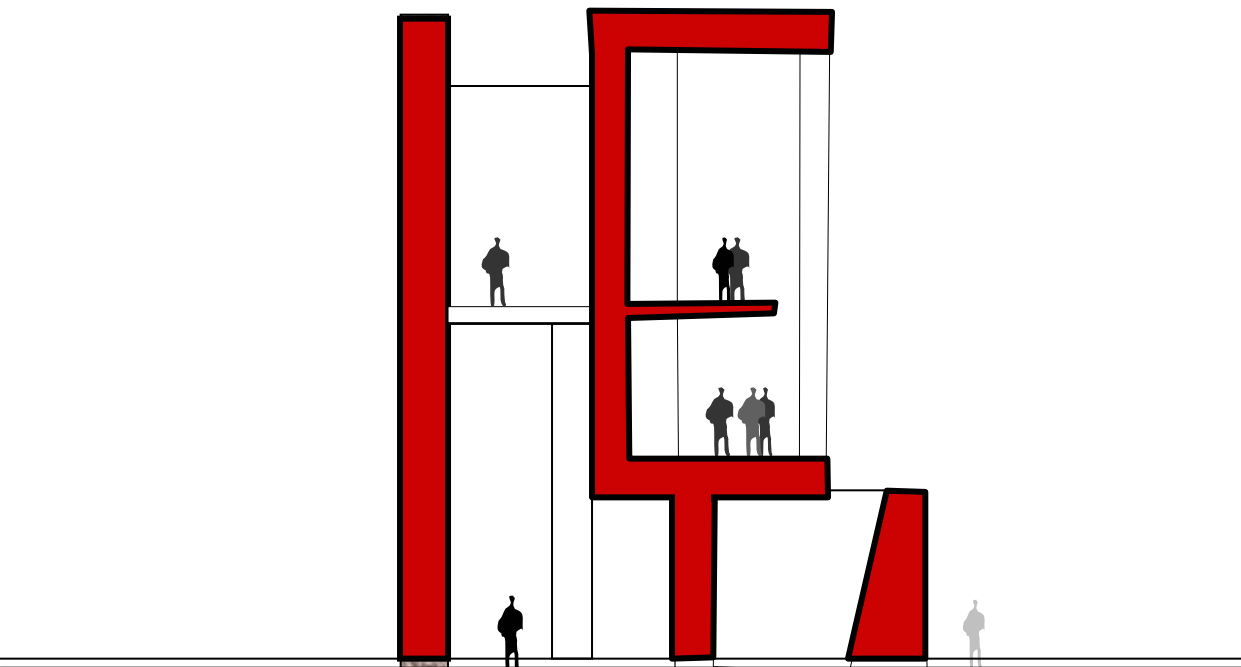
En el corte de un objeto hay una parte seccionada y otra proyectada.
Estas partes deben diferenciarse en la representación gráfica.

LT



LT

SDO corte



CORTE

**Sección
Proyección
Sección pintada**

En el corte de un objeto hay una parte seccionada y otra proyectada. Estas partes deben diferenciarse en la representación gráfica.

LT

SDO corte

CORTE

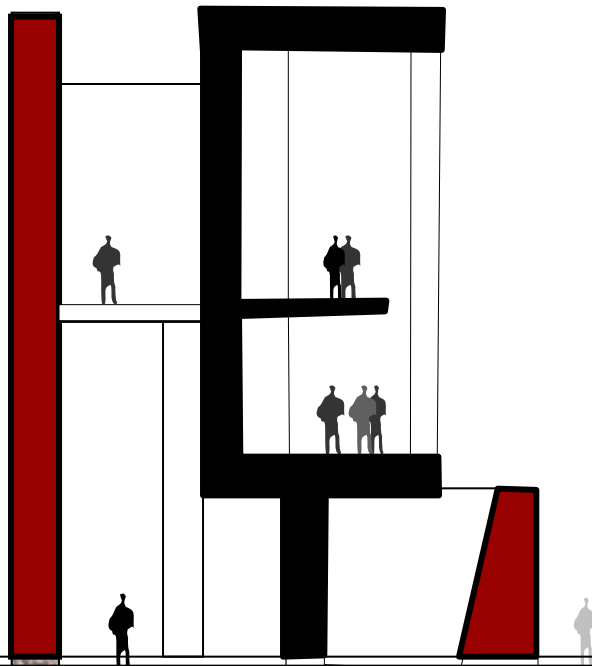
Sección
Proyección
Diferencia compositiva

En el corte de un objeto hay una parte seccionada y otra proyectada.
Estas partes deben diferenciarse en la representación gráfica.

LT

LT

SDO corte



CORTE

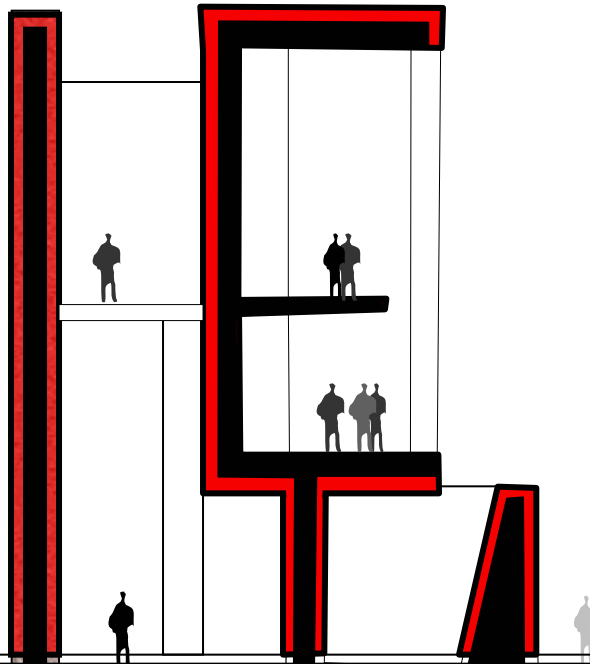
Sección
Proyección
Diferencia de materiales

En el corte de un objeto hay una parte seccionada y otra proyectada.
Estas partes deben diferenciarse en la representación gráfica.

LT

LT

SDO corte



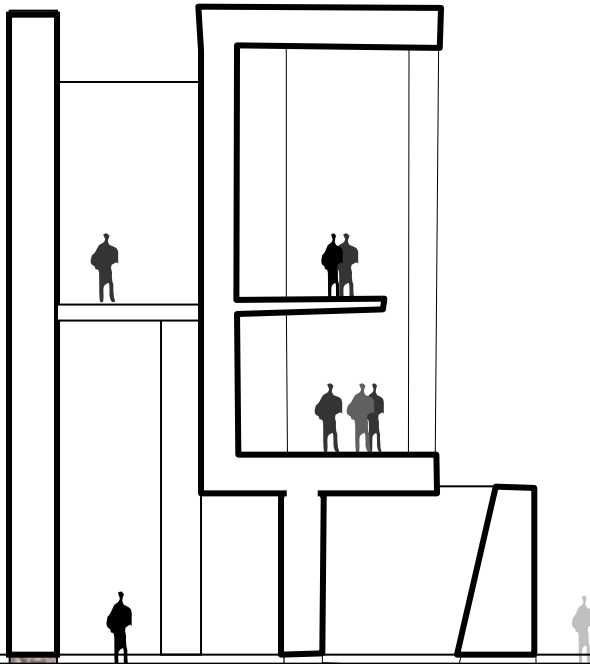
CORTE

Sección Proyección

En el corte de un objeto hay una parte seccionada y otra proyectada.
Estas partes deben diferenciarse en la representación gráfica.

LT

SDO corte



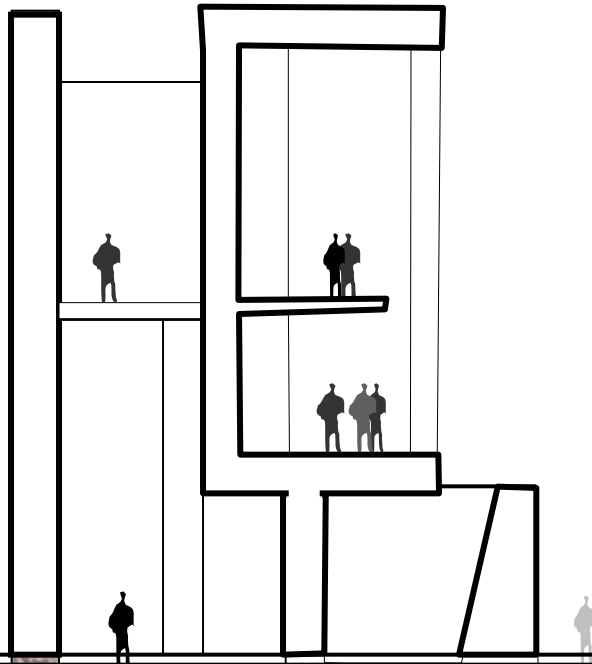
CORTE

Sección
Proyección
Trazo valorado

En el corte de un objeto hay una parte seccionada y otra proyectada.
Estas partes deben diferenciarse en la representación gráfica.

LT

SDO corte



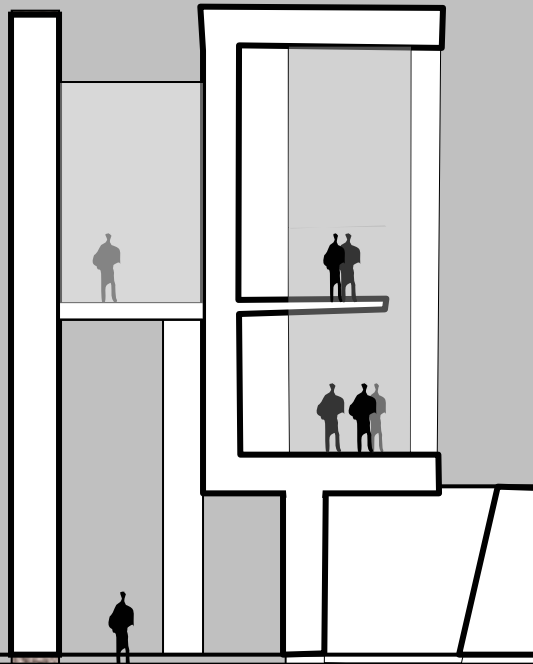
CORTE

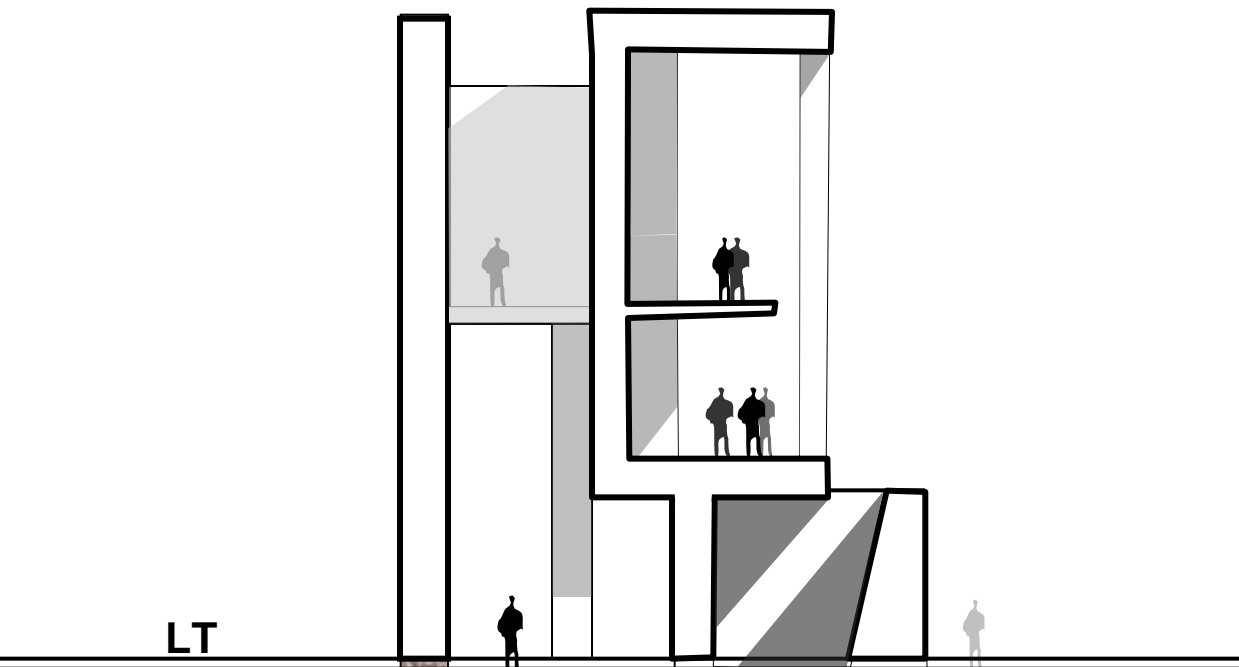
Sección Proyección Fondo

En el corte de un objeto hay una parte seccionada y otra proyectada.
Estas partes deben diferenciarse en la representación gráfica.

LT

SDO corte





CORTE

Sección Proyección

En el corte de un objeto hay una parte seccionada y otra proyectada.

Estas partes deben diferenciarse en la representación gráfica.

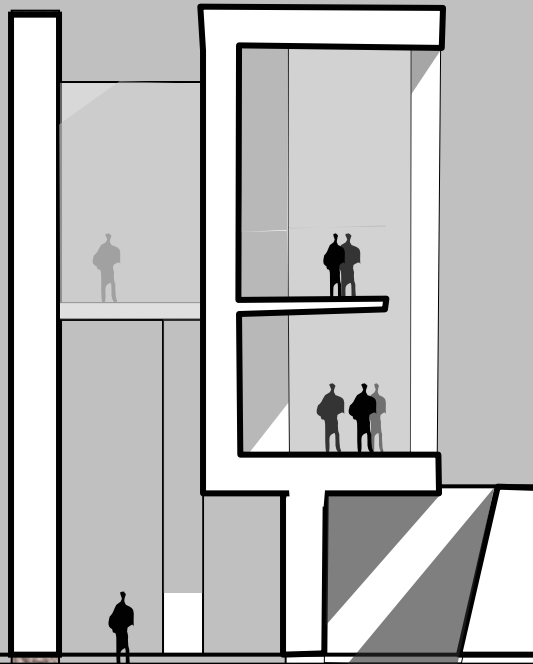
LT
SDO corte

CORTE

Sección
Proyección
Sombras
Fondo

LT

SDO corte



CORTE

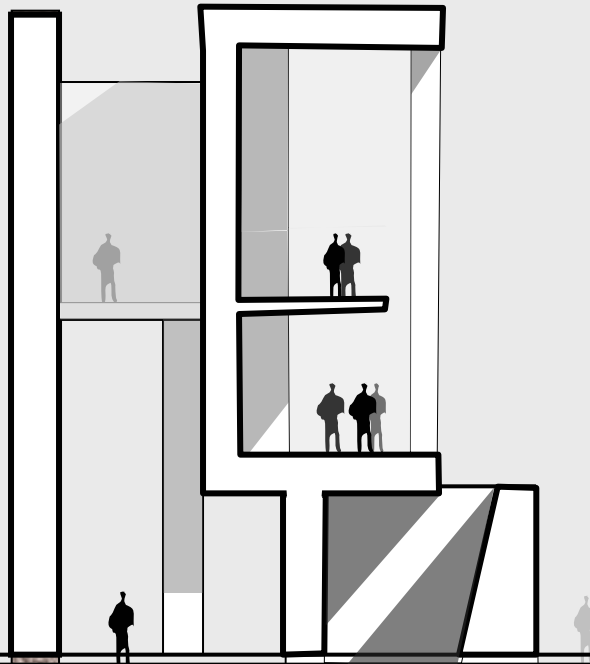
Sección Proyección

En el corte de un objeto hay una parte seccionada y otra proyectada.

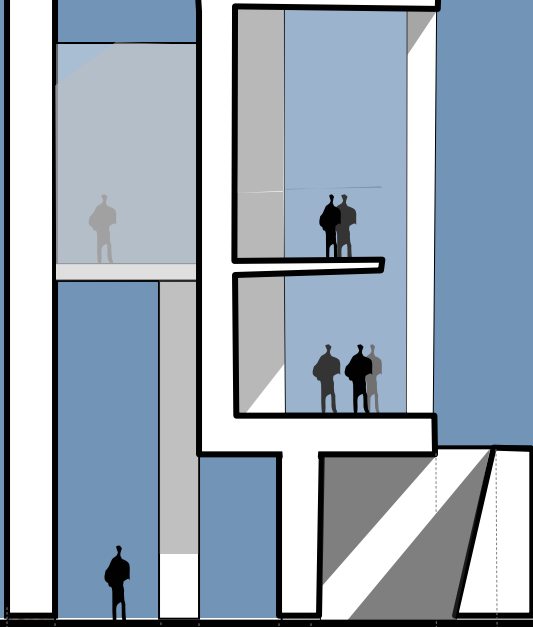
Estas partes deben diferenciarse en la representación gráfica.

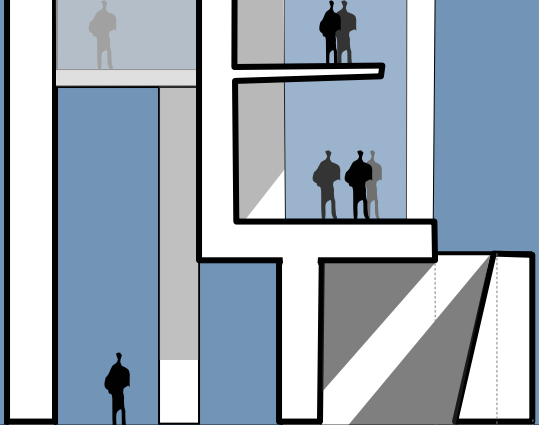
LT

SDO corte



LT





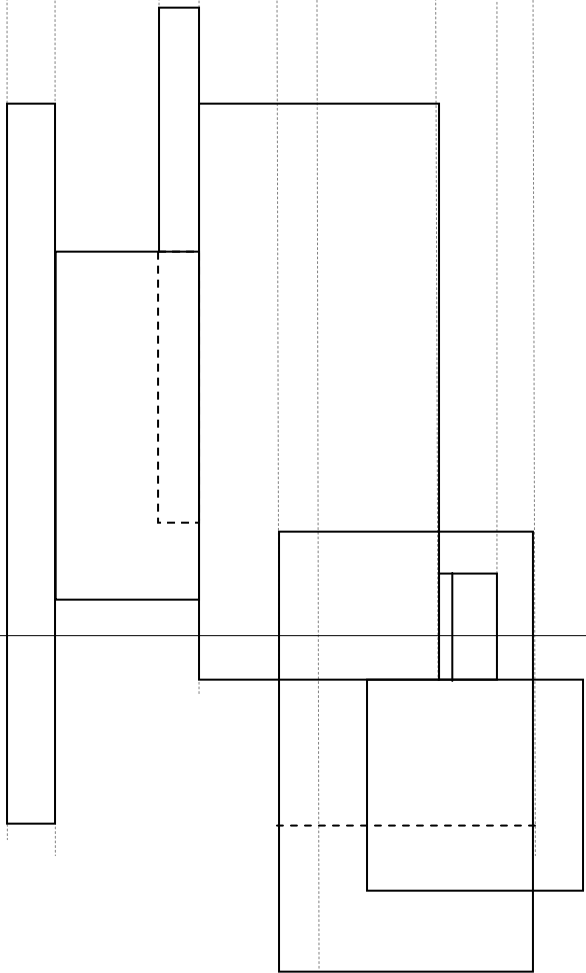
LT

CORTE 1

1

1

PLANTA TECHOS



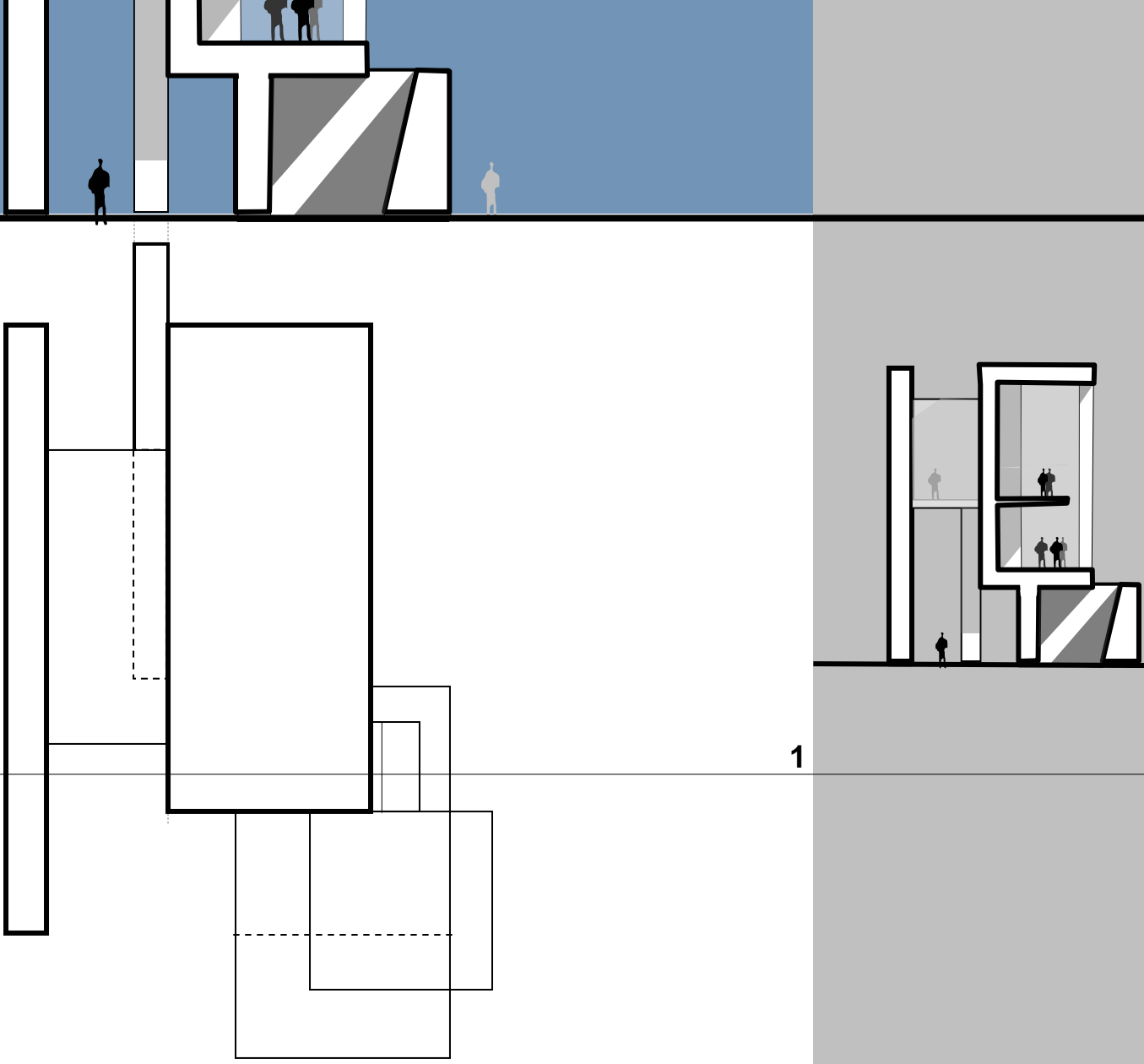
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CORTE 1

1

1

PLANTA TECHOS



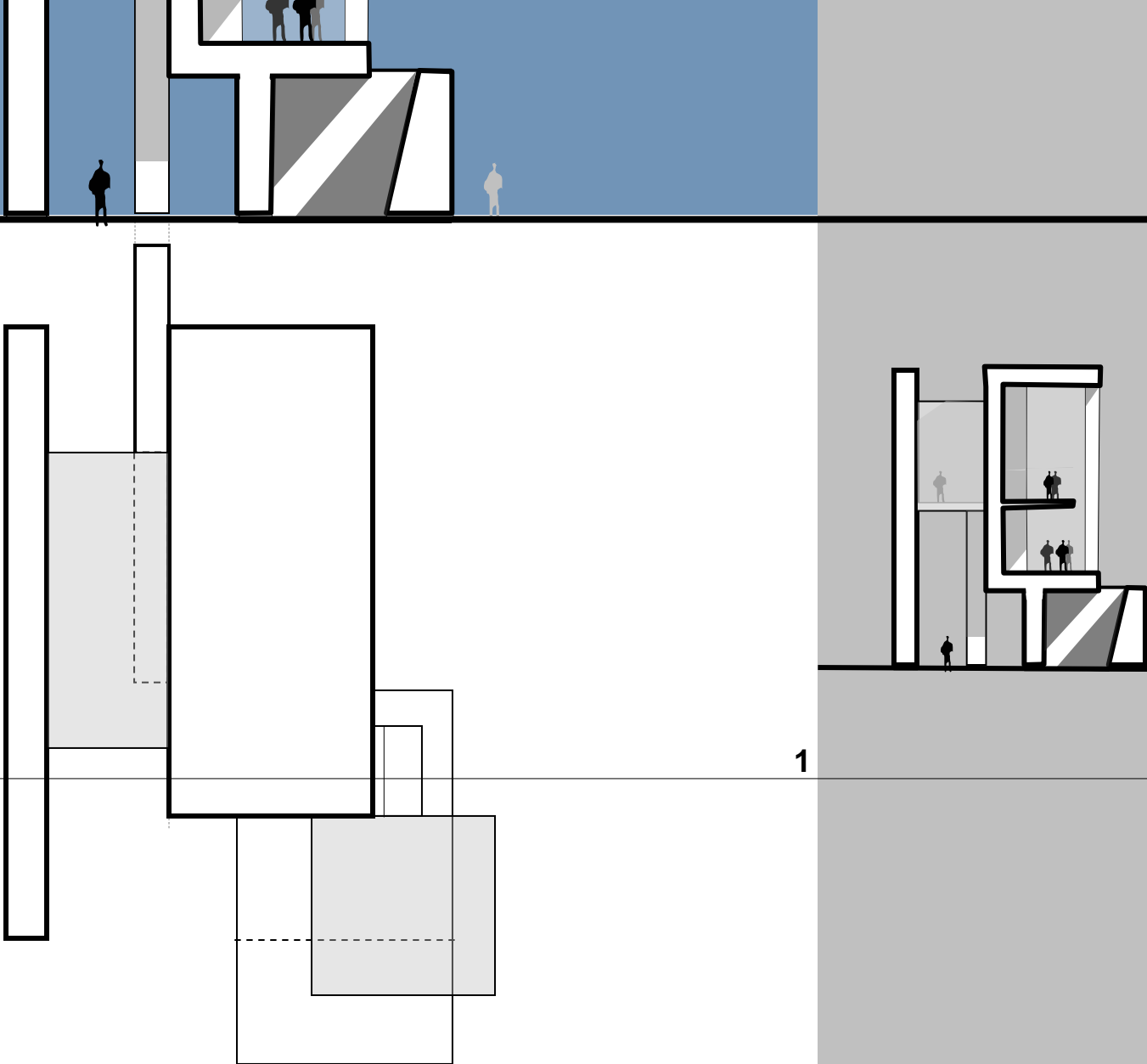
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CORTE 1

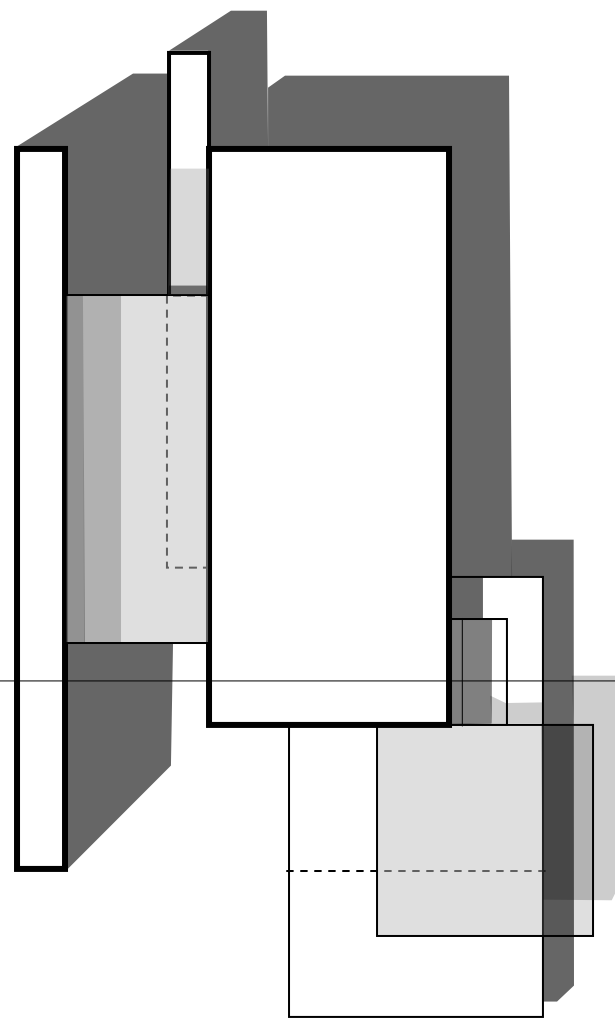
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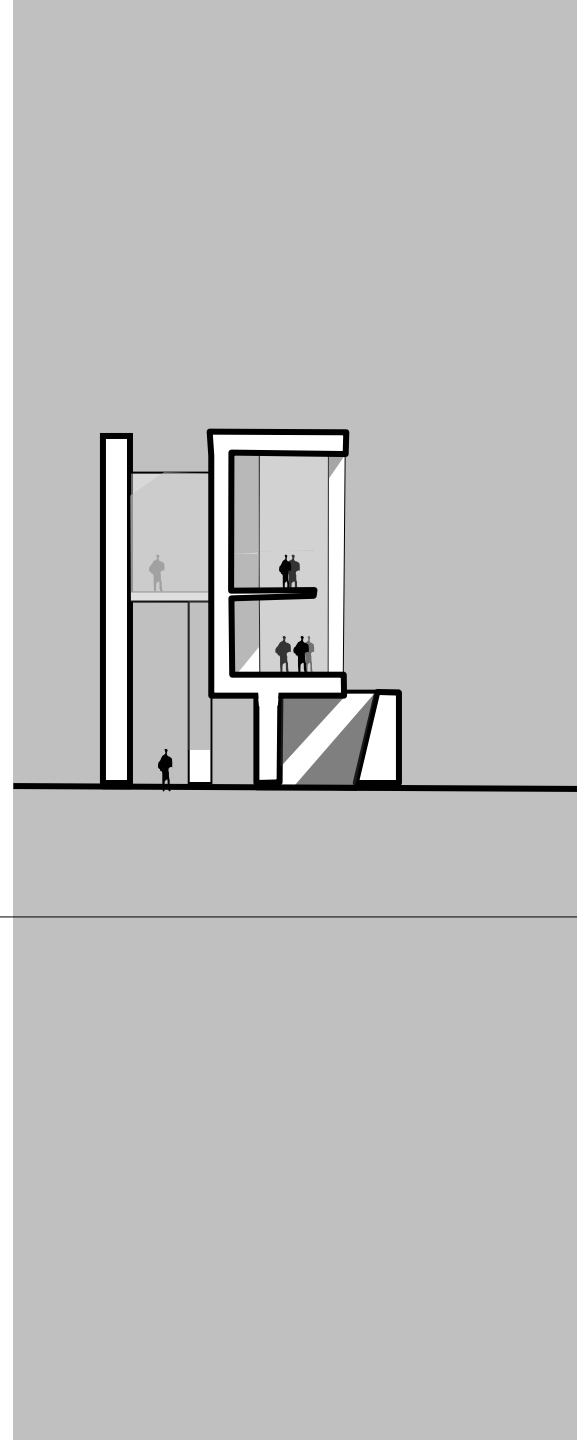
PLANTA TECHOS



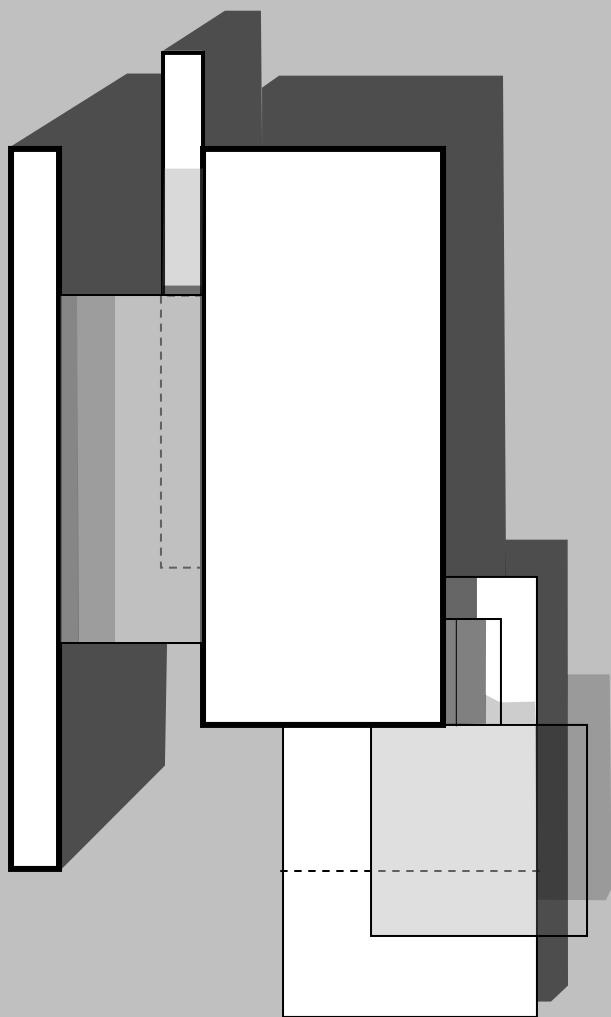
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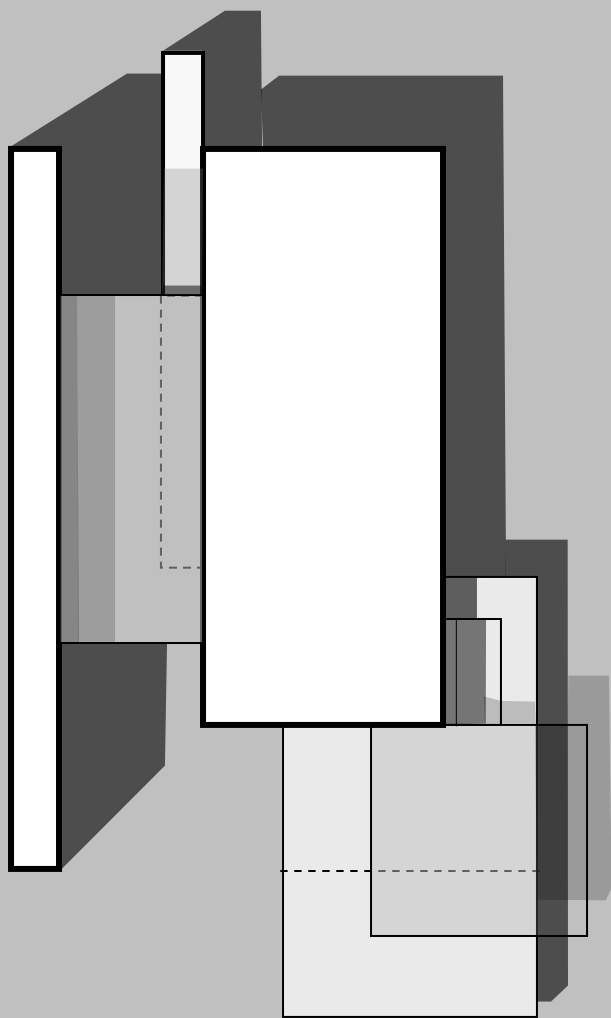
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PLANTA TECHOS



PLANTA TECHOS



PLANTA TECHOS



fin