

GE.R.S.E.N.E

PROBLEMA DE LA FORMA

GAIA, Benjamín

GIUDICI, Milagros

MENGUAL, Florencia

MUÑOZ, Gustavo



EDIFICIO CATAMARÁN

A. Relación de Aspecto

A solid orange horizontal bar spanning the width of the slide at the bottom.

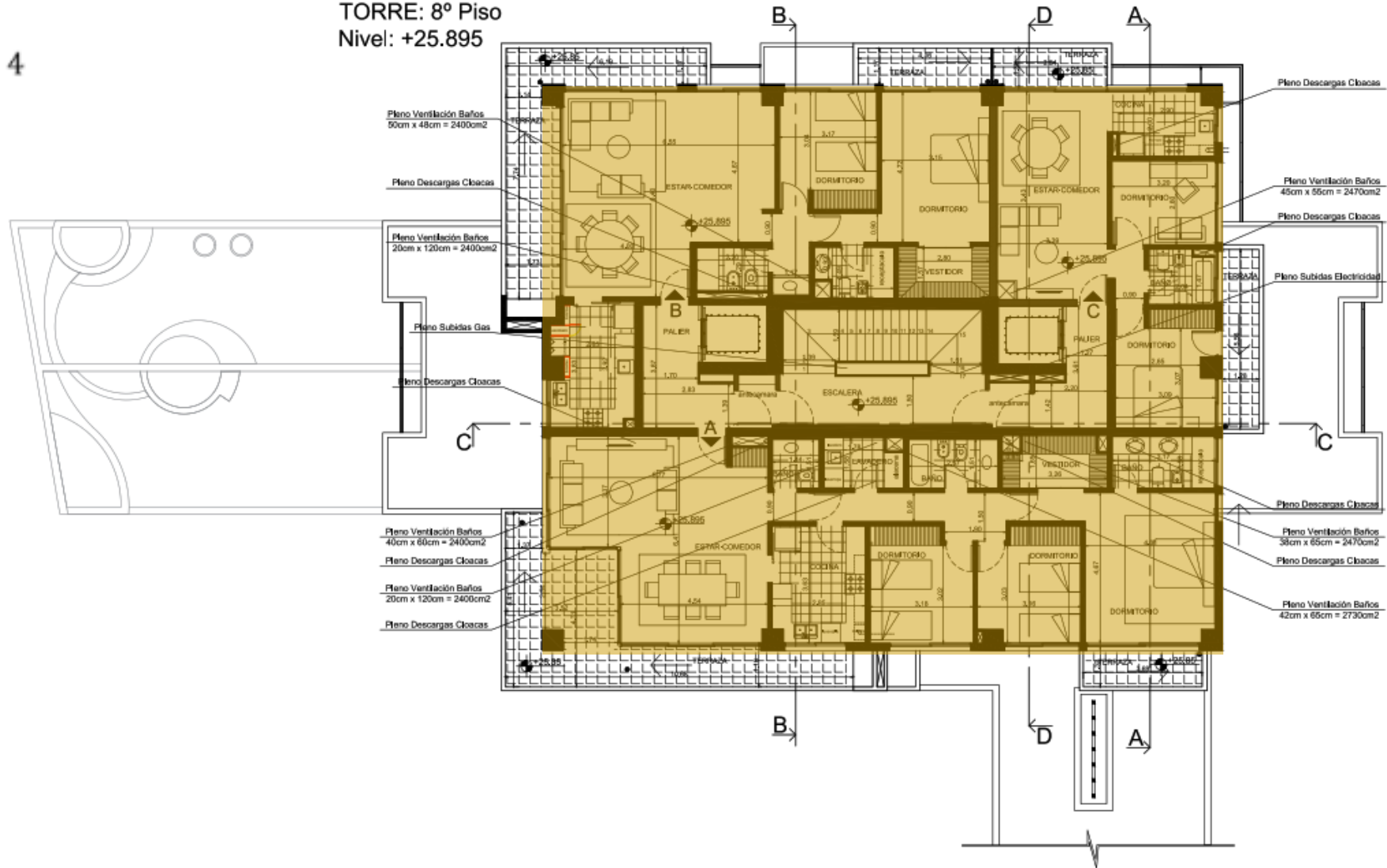
[illegible]

A.1: ESBELTEZ EN PLANTA

RELACIÓN DE ASPECTO 1:1 Planta Cuadrada

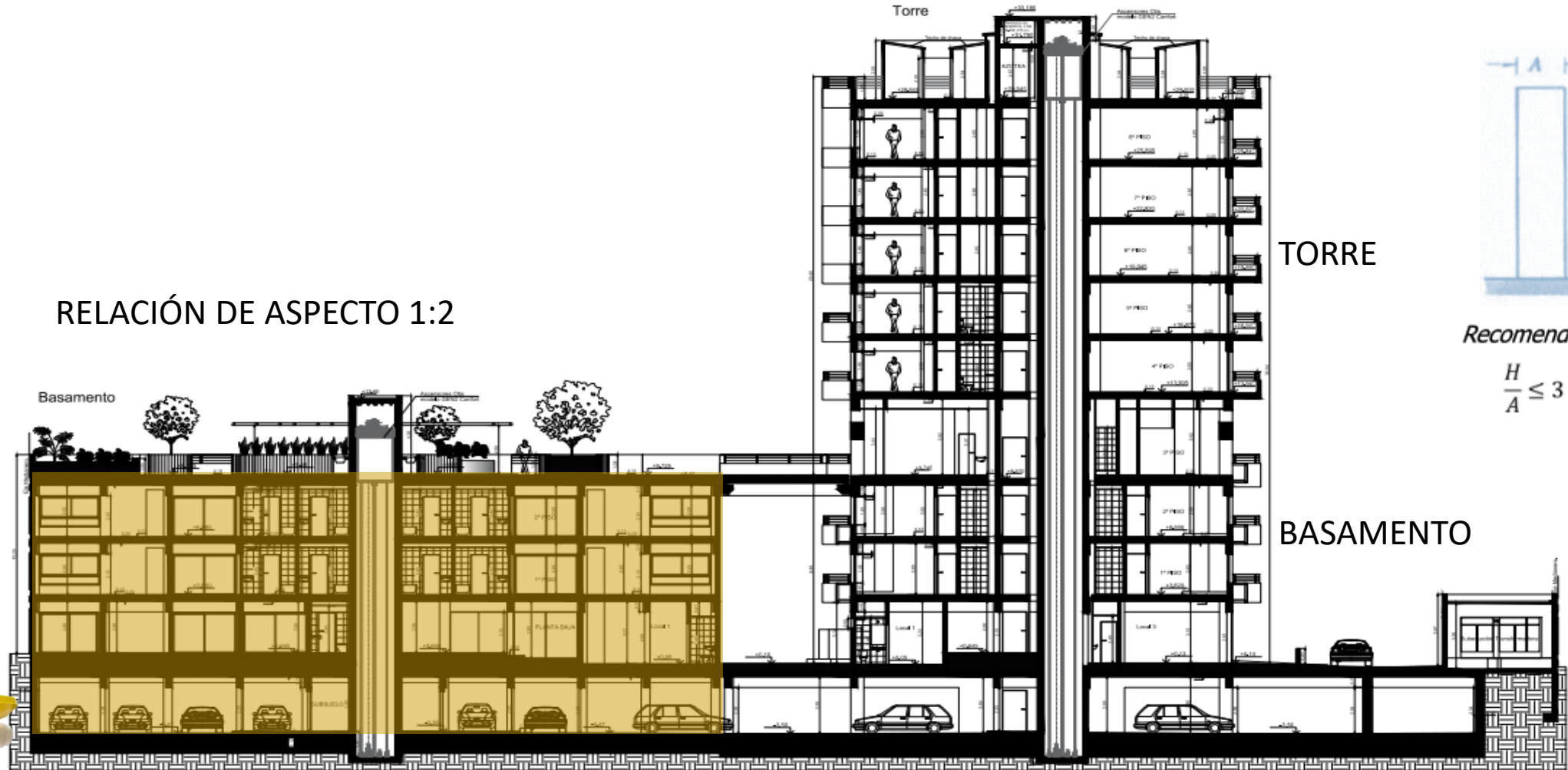
Recomendación: $\frac{B}{A} \leq 4$

TORRE: 8º Piso
Nivel: +25.895



A.2: ESBELTEZ EN ALTURA

RELACIÓN DE ASPECTO 1:2



A.2: ESBELTEZ EN ALTURA

RELACIÓN DE ASPECTO 1:2



[illegible]

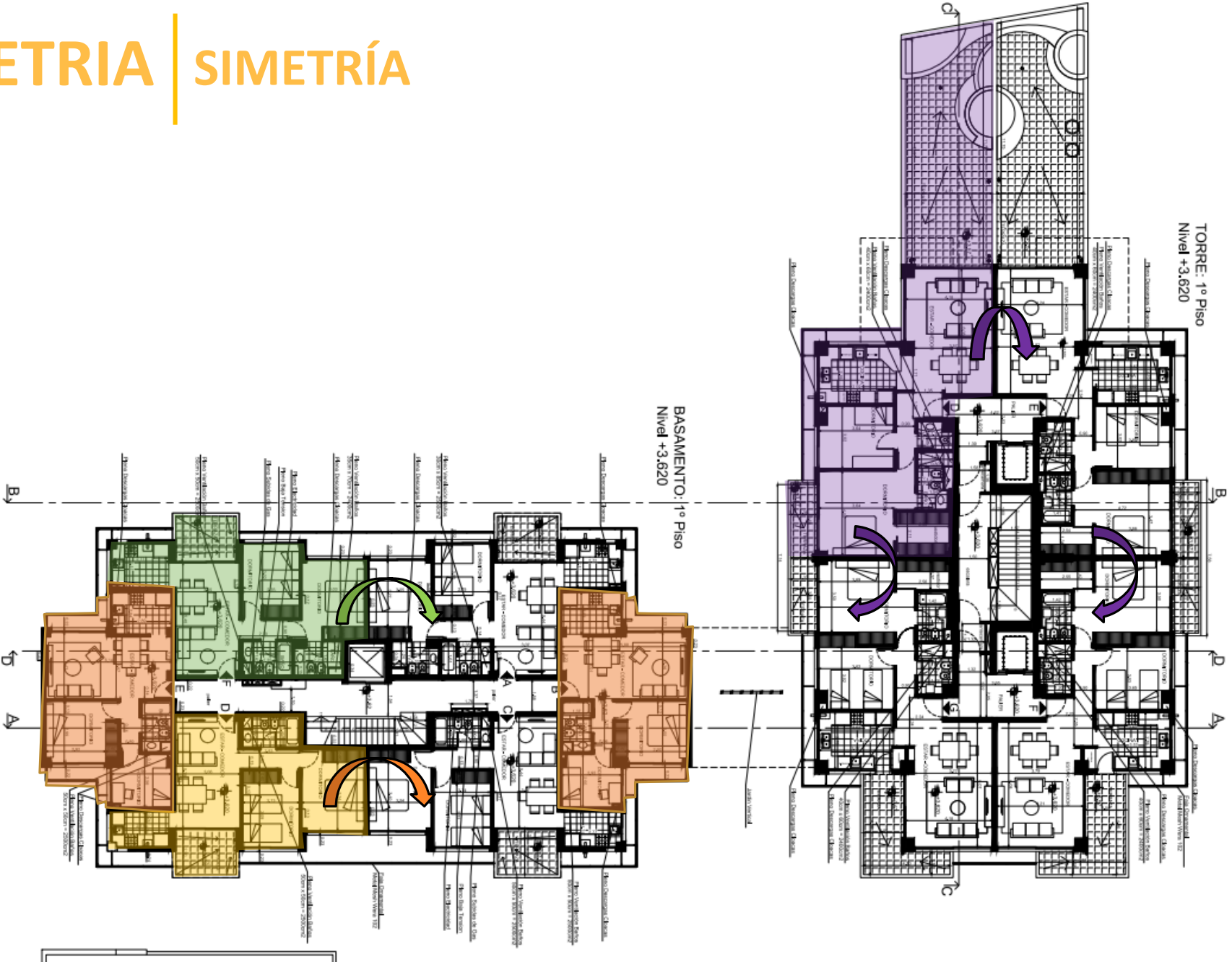
15.5m

EDIFICIO CATAMARÁN

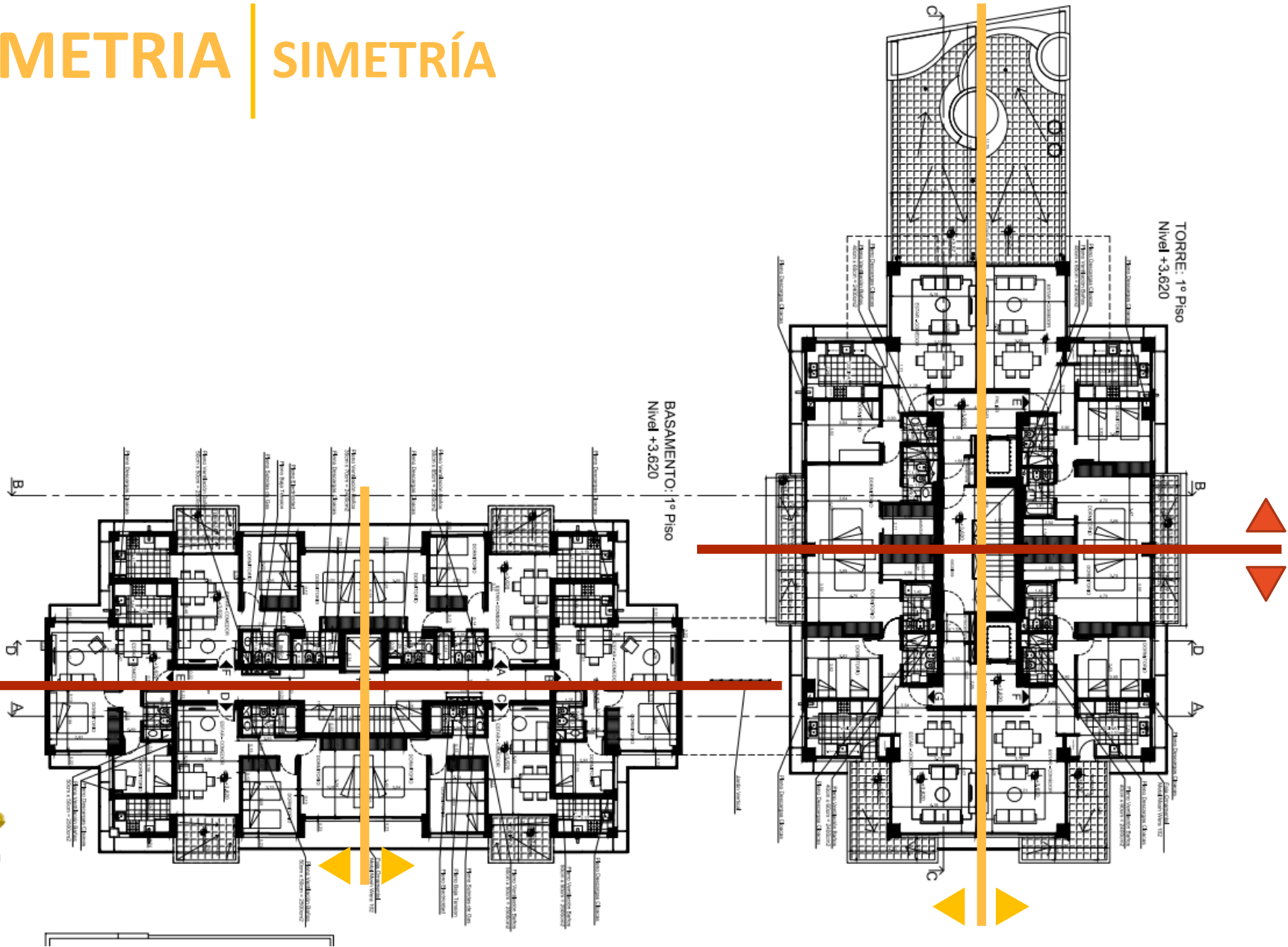
B. Irregularidades en Planta



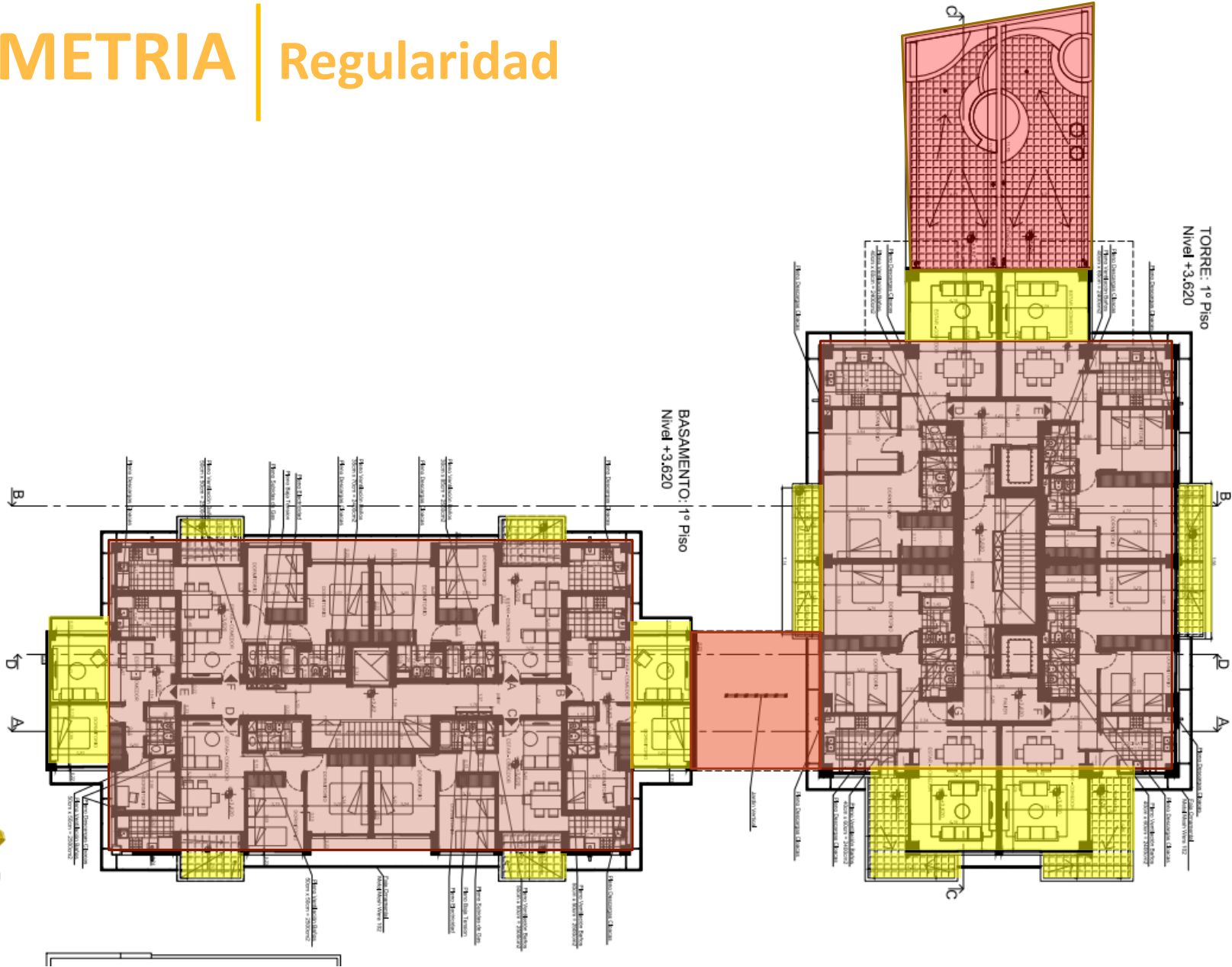
B.1: GEOMETRIA | SIMETRÍA



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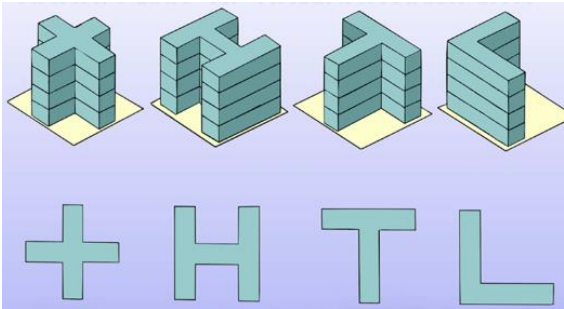


B.1: GEOMETRIA Regularidad

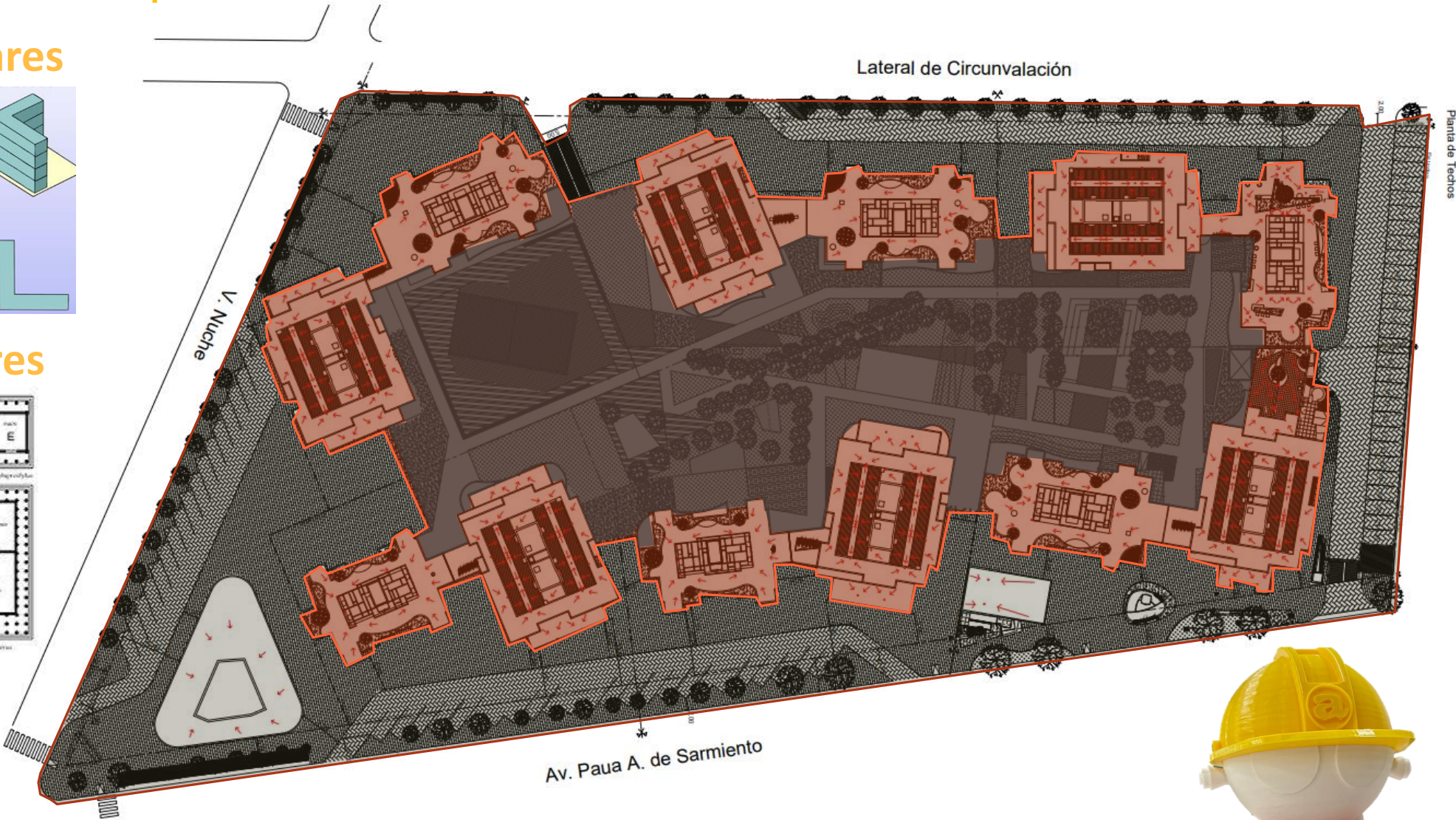
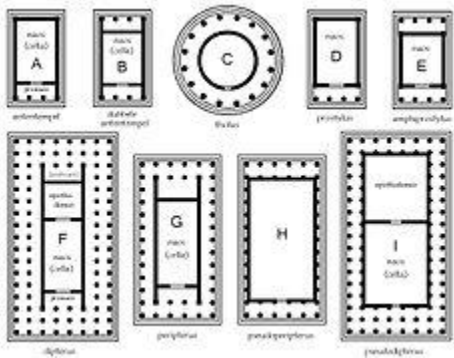


B.1: GEOMETRIA Regularidad

Plantas Irregulares

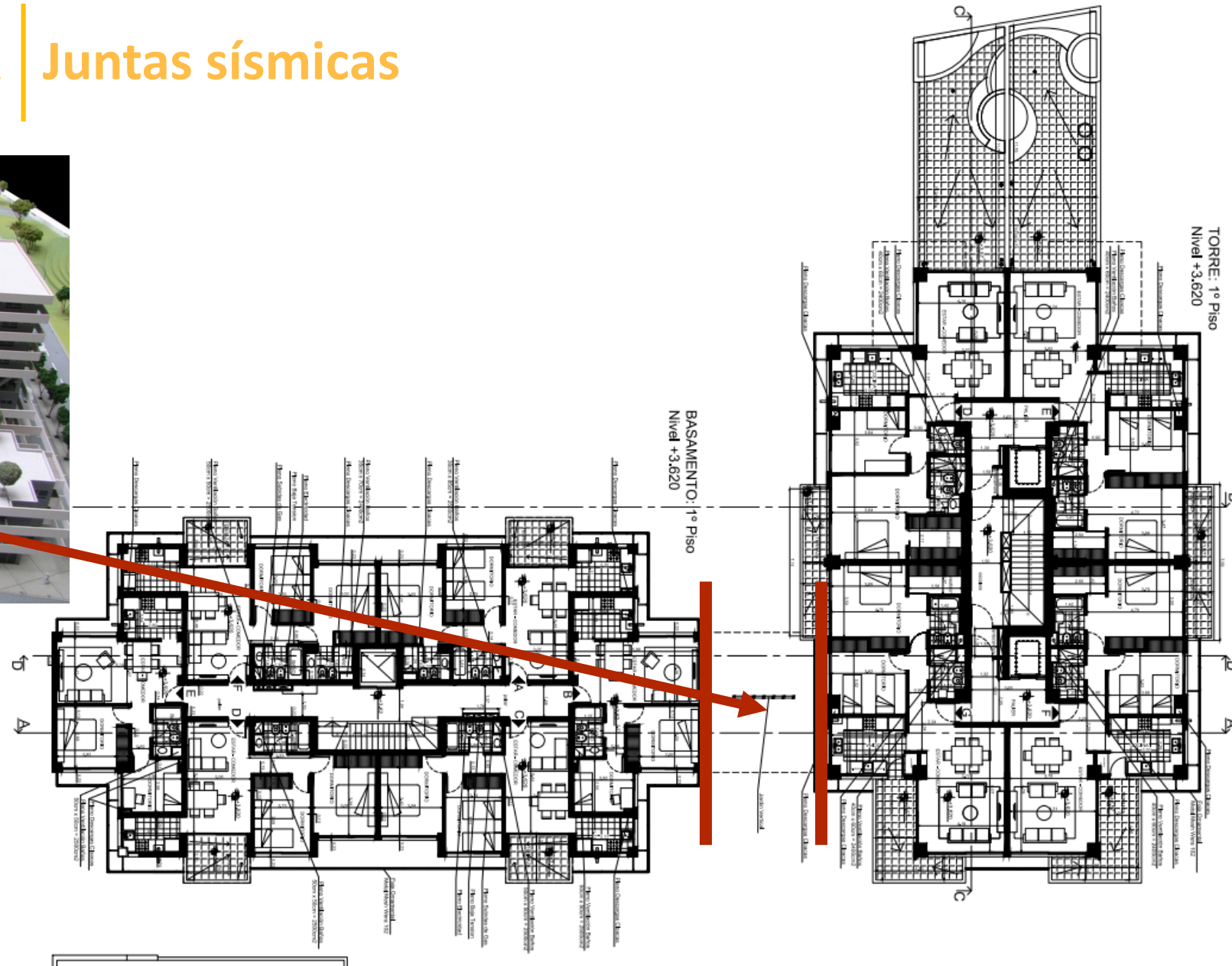


Plantas Regulares

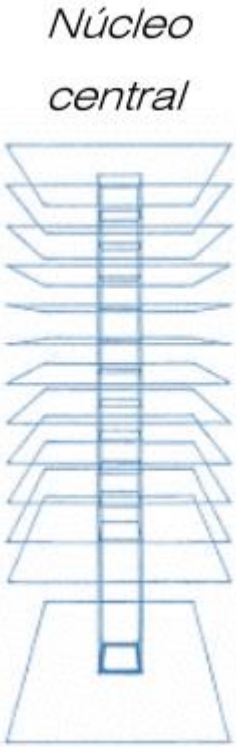
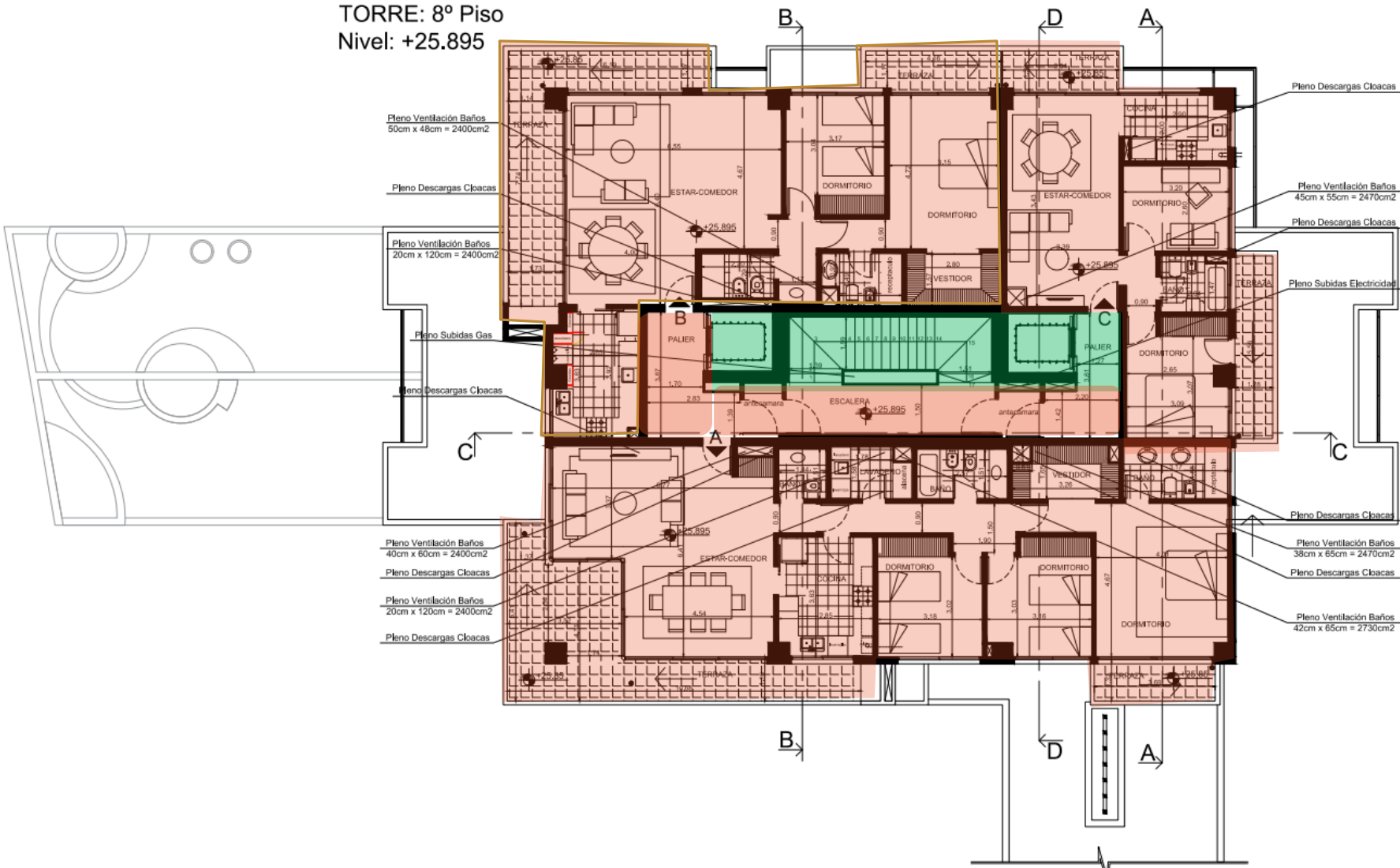


B.1: GEOMETRIA

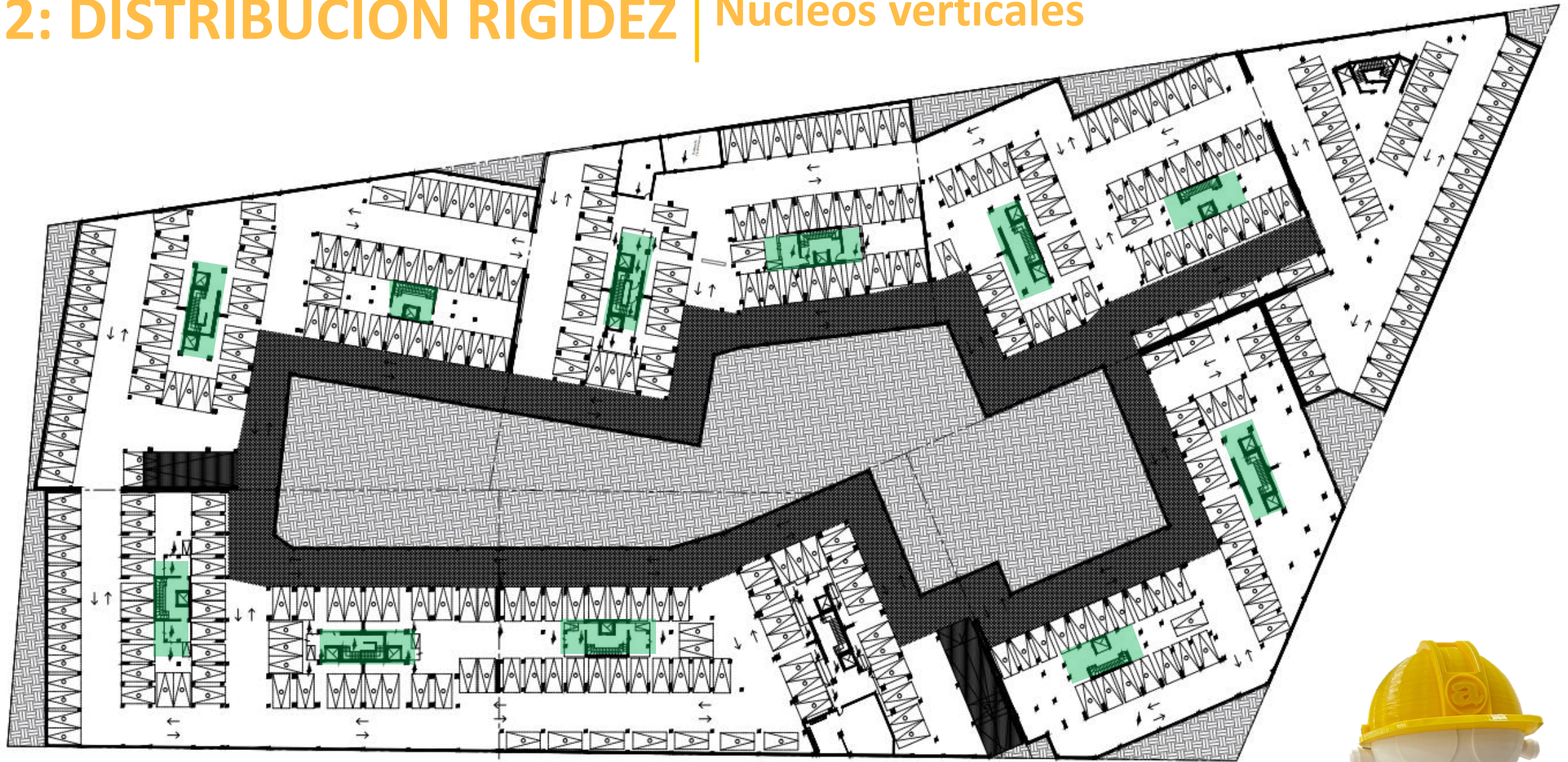
Juntas sísmicas



B.2: DISTRIBUCIÓN RIGIDEZ | Núcleos verticales



B.2: DISTRIBUCIÓN RIGIDEZ | Núcleos verticales



B.2: DISTRIBUCIÓN RIGIDEZ | Simetría elementos resistentes

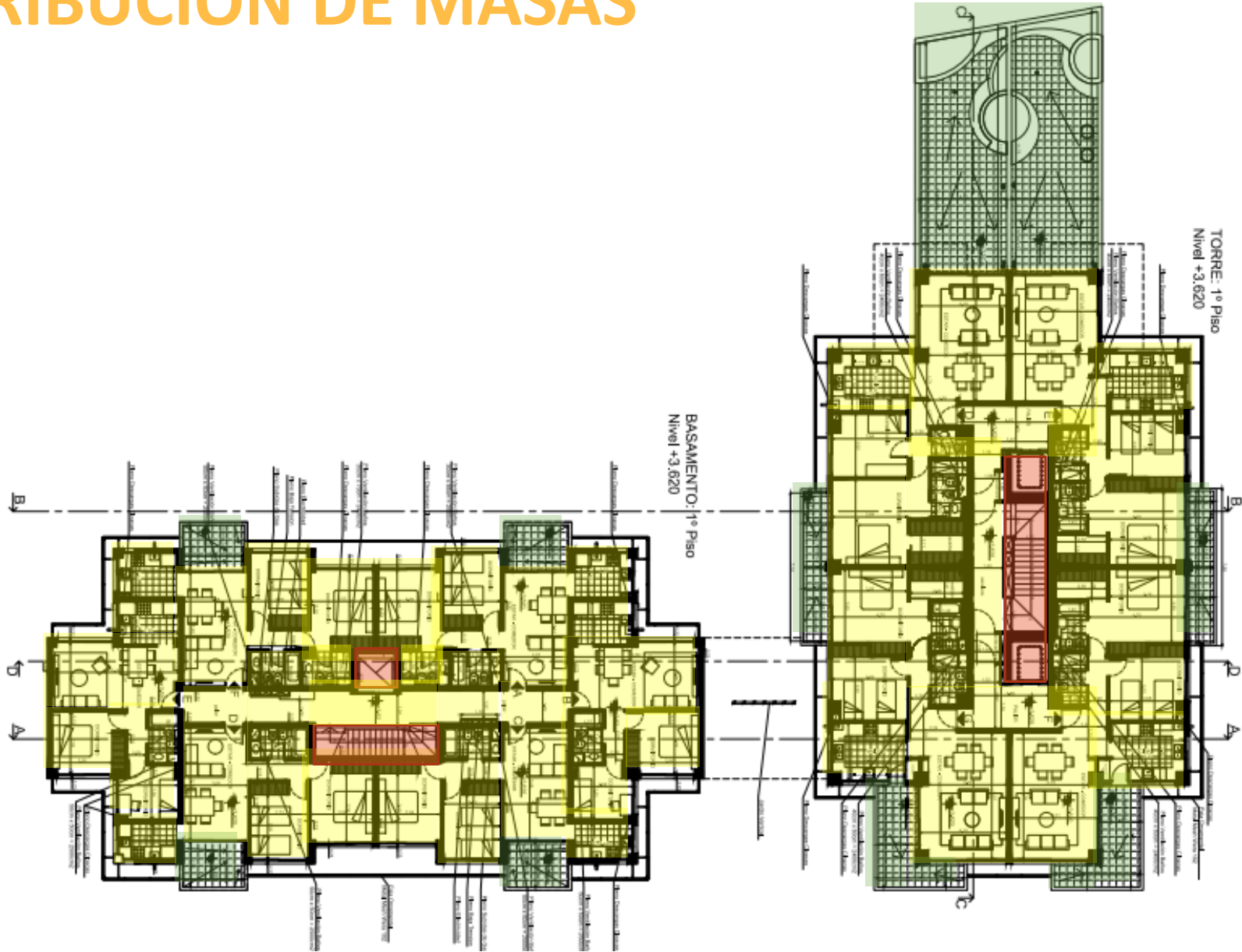


B.2: DISTRIBUCIÓN RIGIDEZ

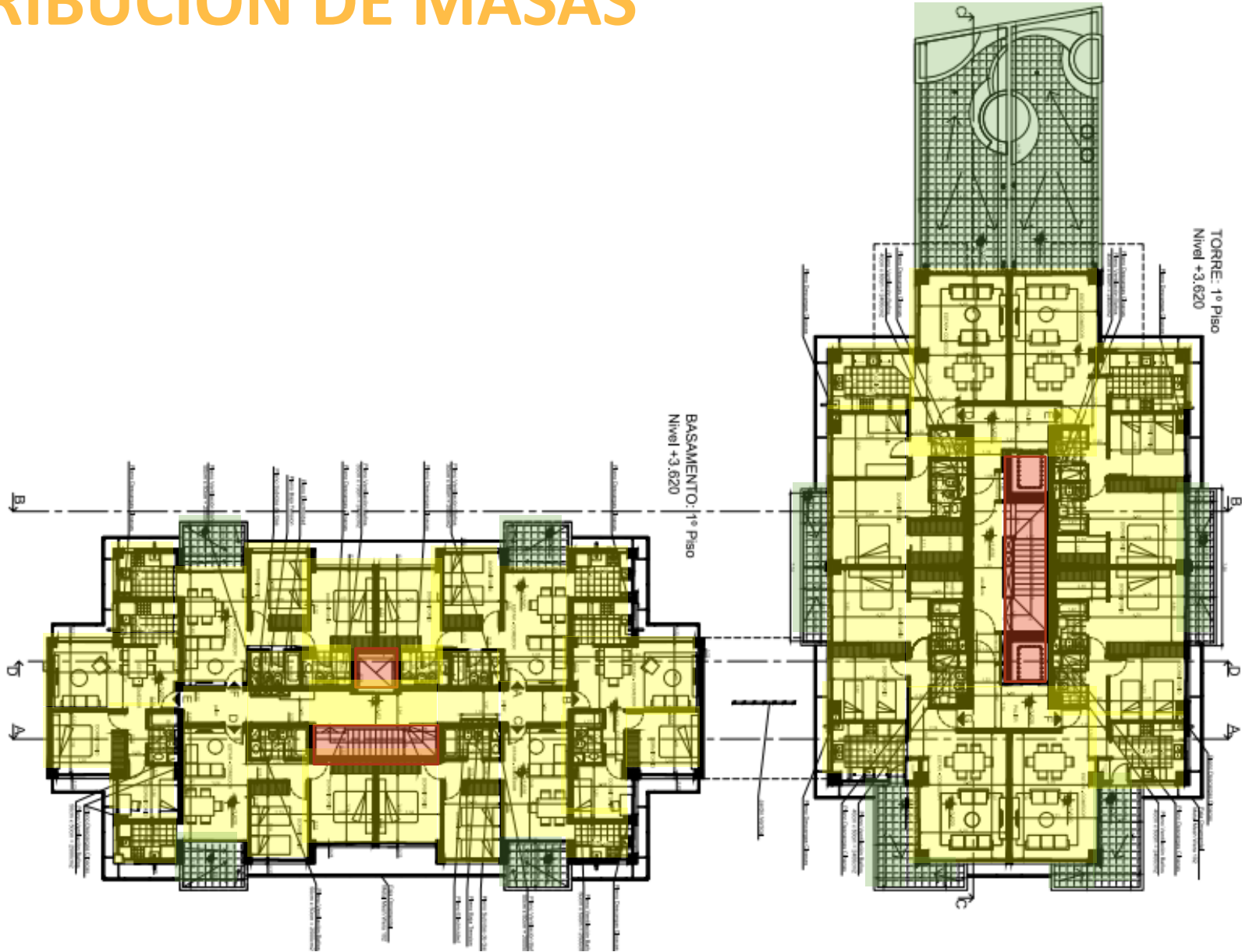
Simetría elementos resistentes



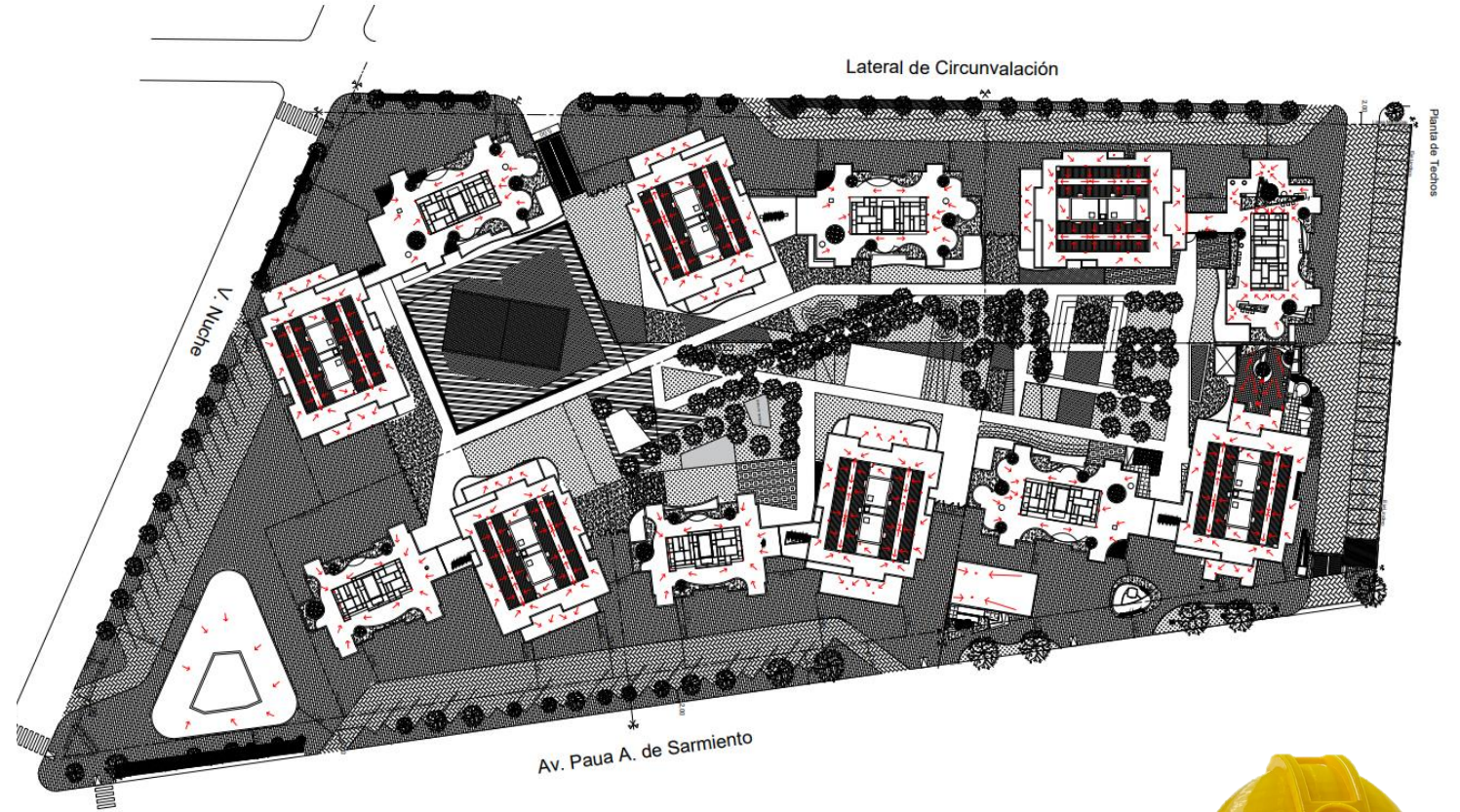
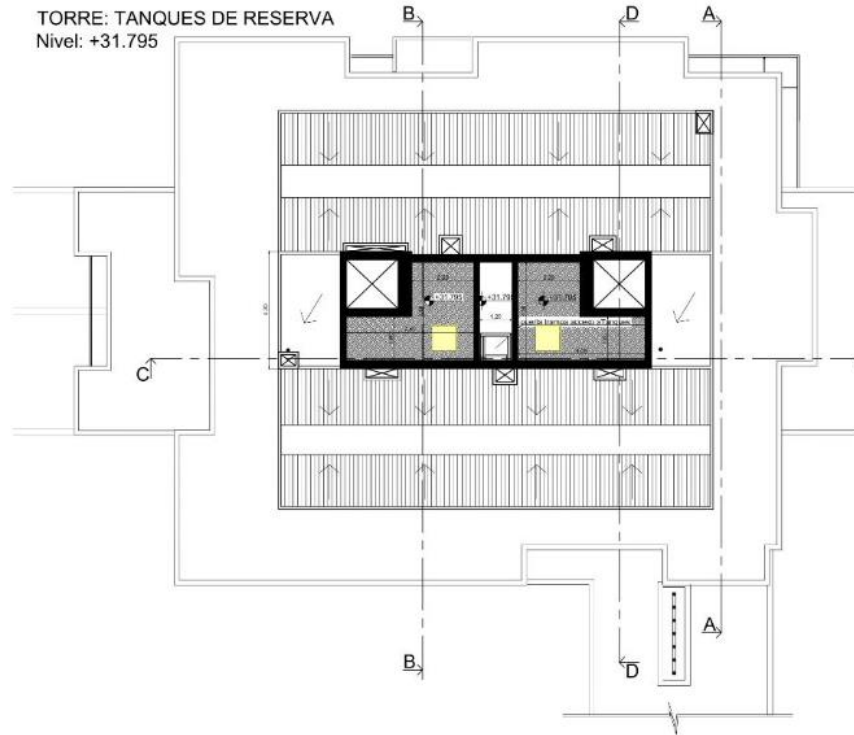
B.3: DISTRIBUCIÓN DE MASAS



B.3: DISTRIBUCIÓN DE MASAS



B.4: DISCONTINUIDAD DE DIAFRAGMAS



EDIFICIO CATAMARÁN

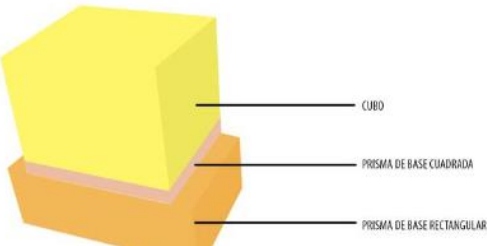
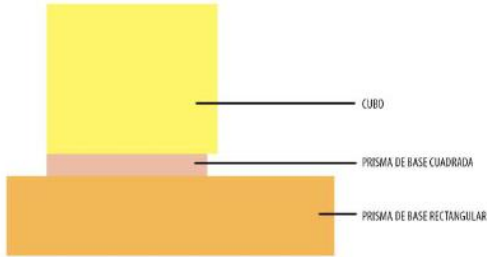
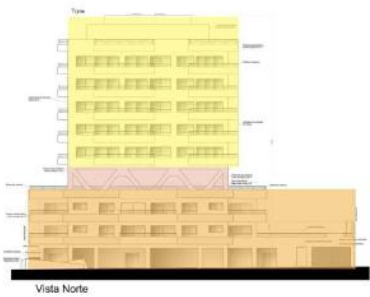
C. Irregularidades en Altura



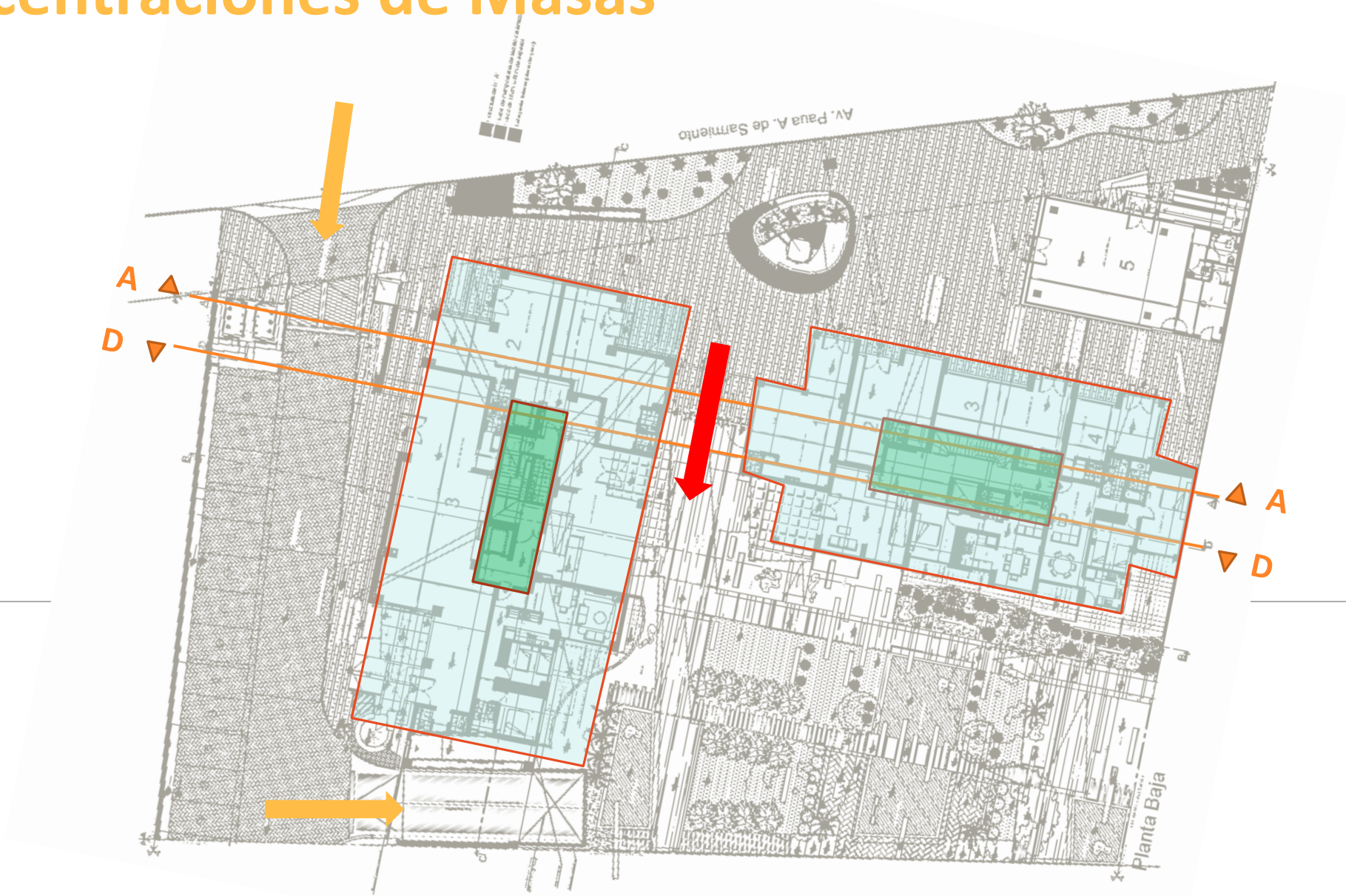
C .1: Geometría



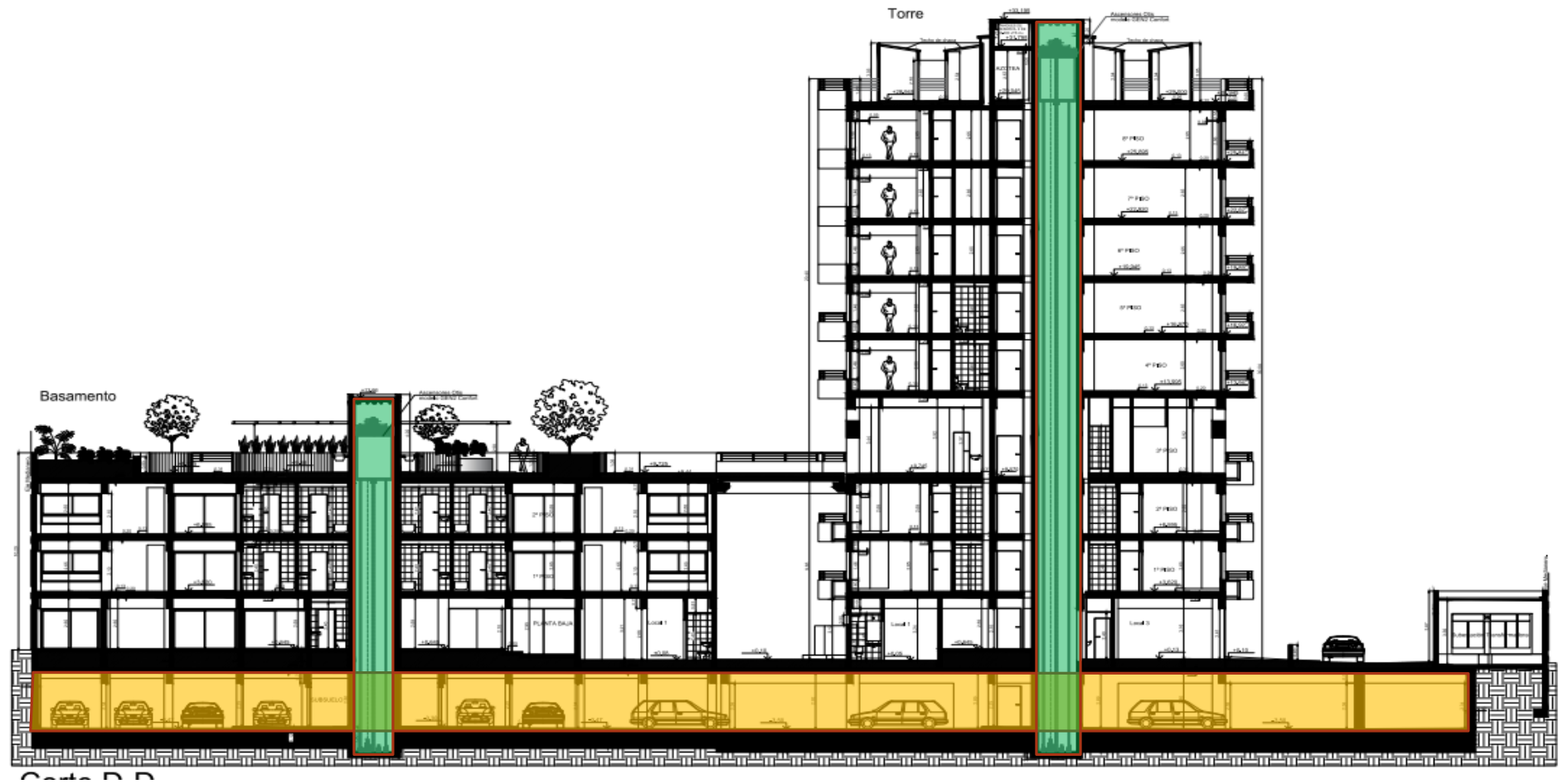
MAQUETA DEL CONJUNTO



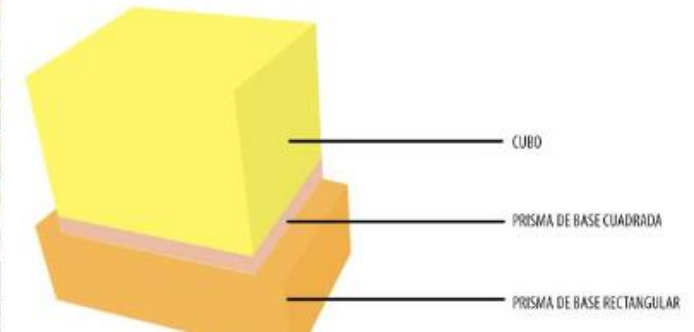
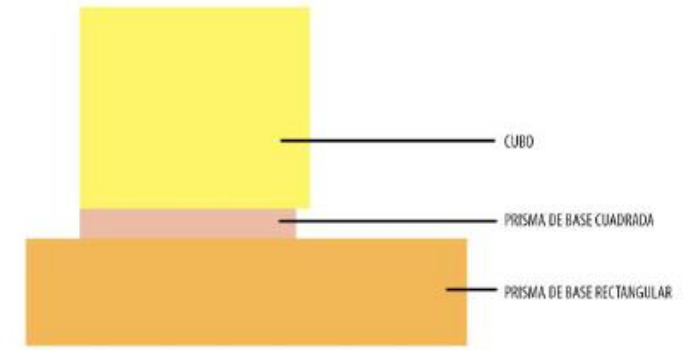
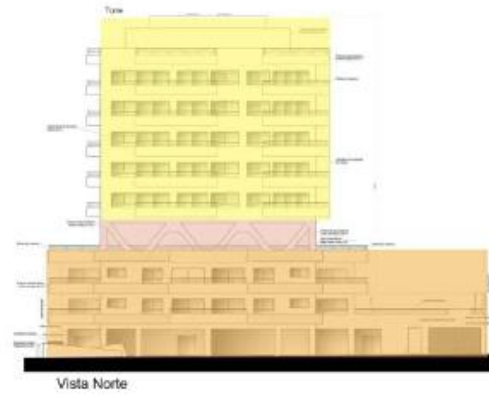
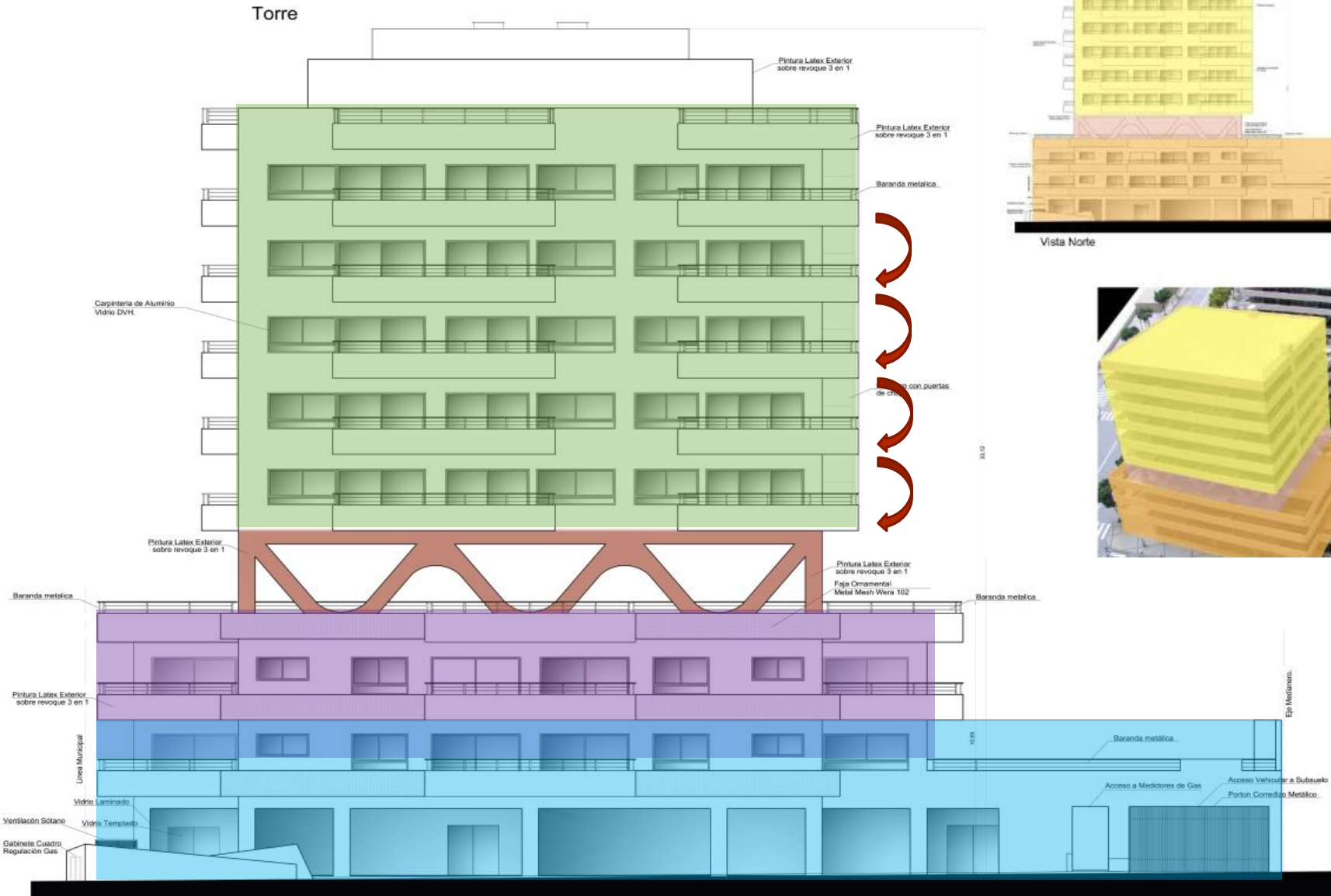
C .2: Concentraciones de Masas



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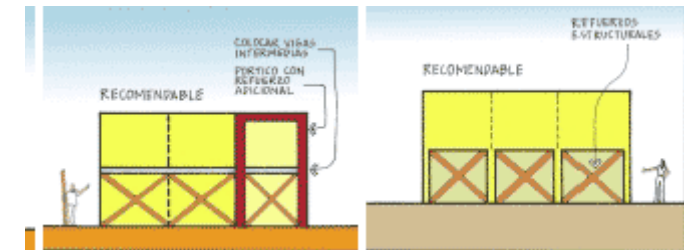
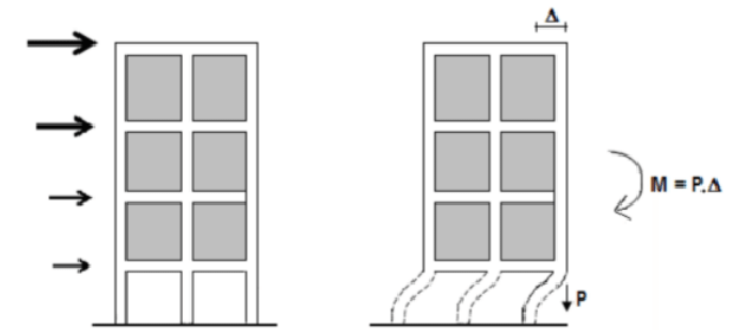
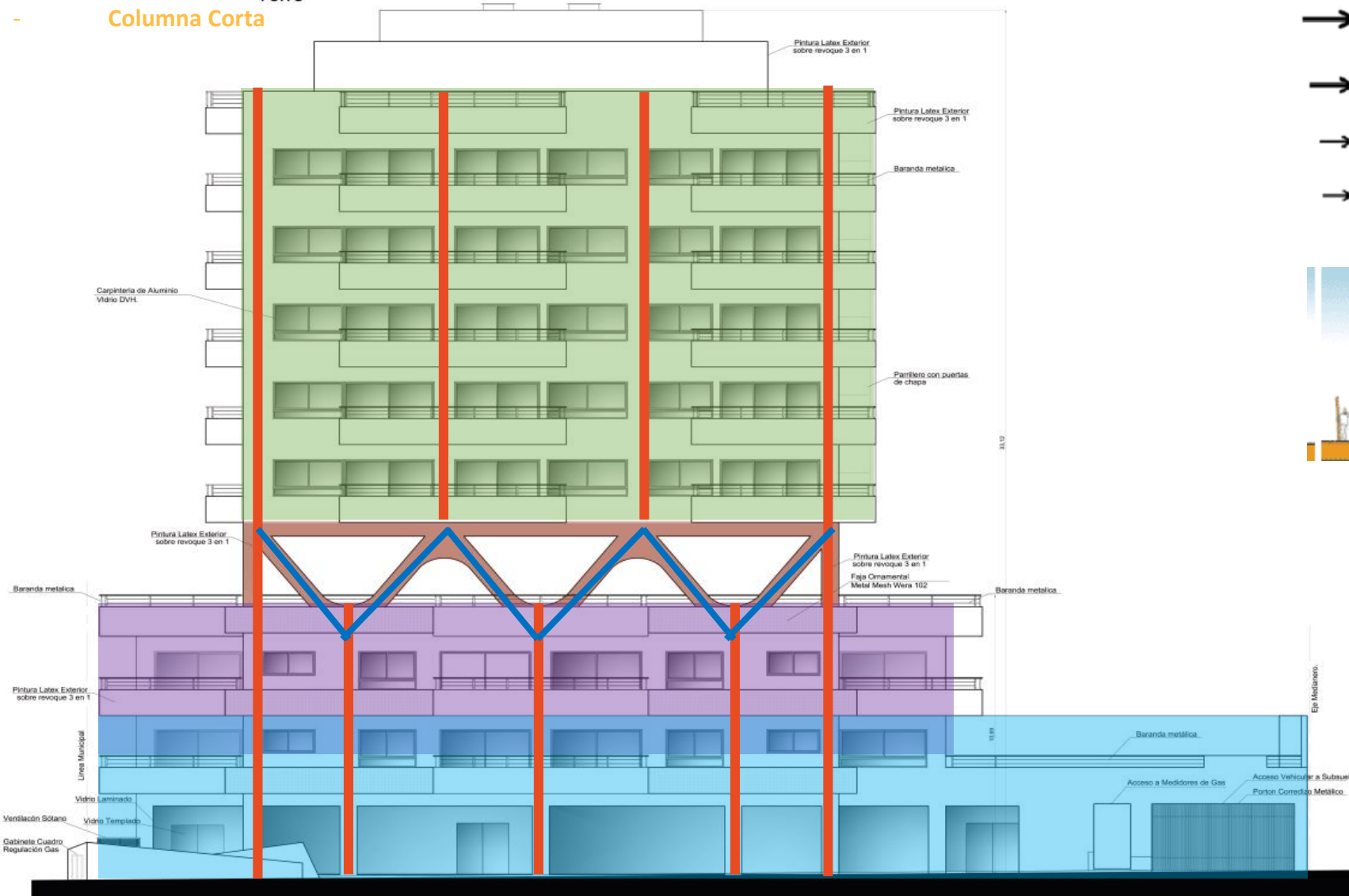


C.2: Concentraciones de Masas



C .3: Cambios de Rigidez o Discontinuidad de Muros

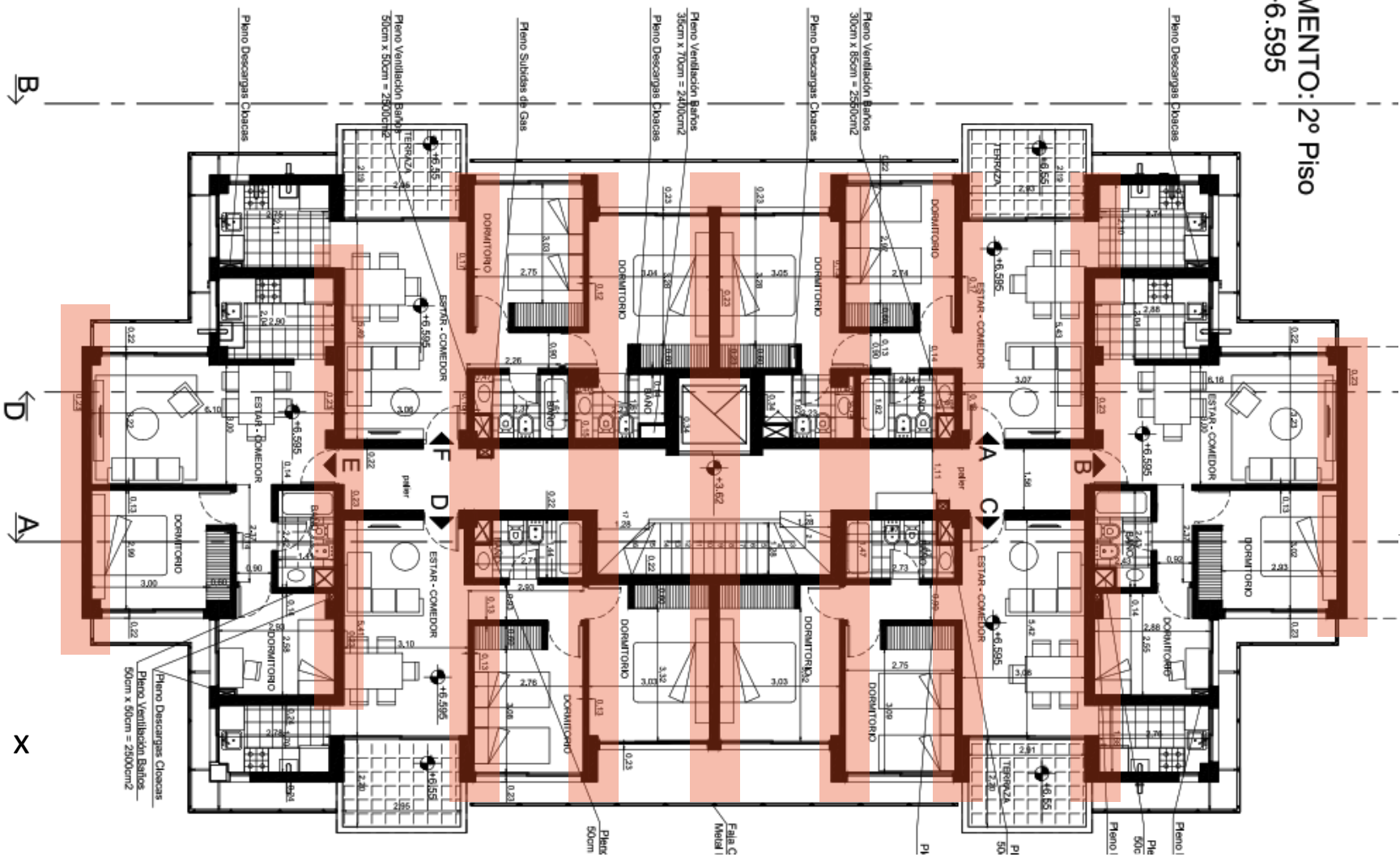
- Piso Flexible Torre
- Columna Corta



C .3: Cambios de Rigidez o Discontinuidad de Muros

- Piso Flexible
- Columna Corta

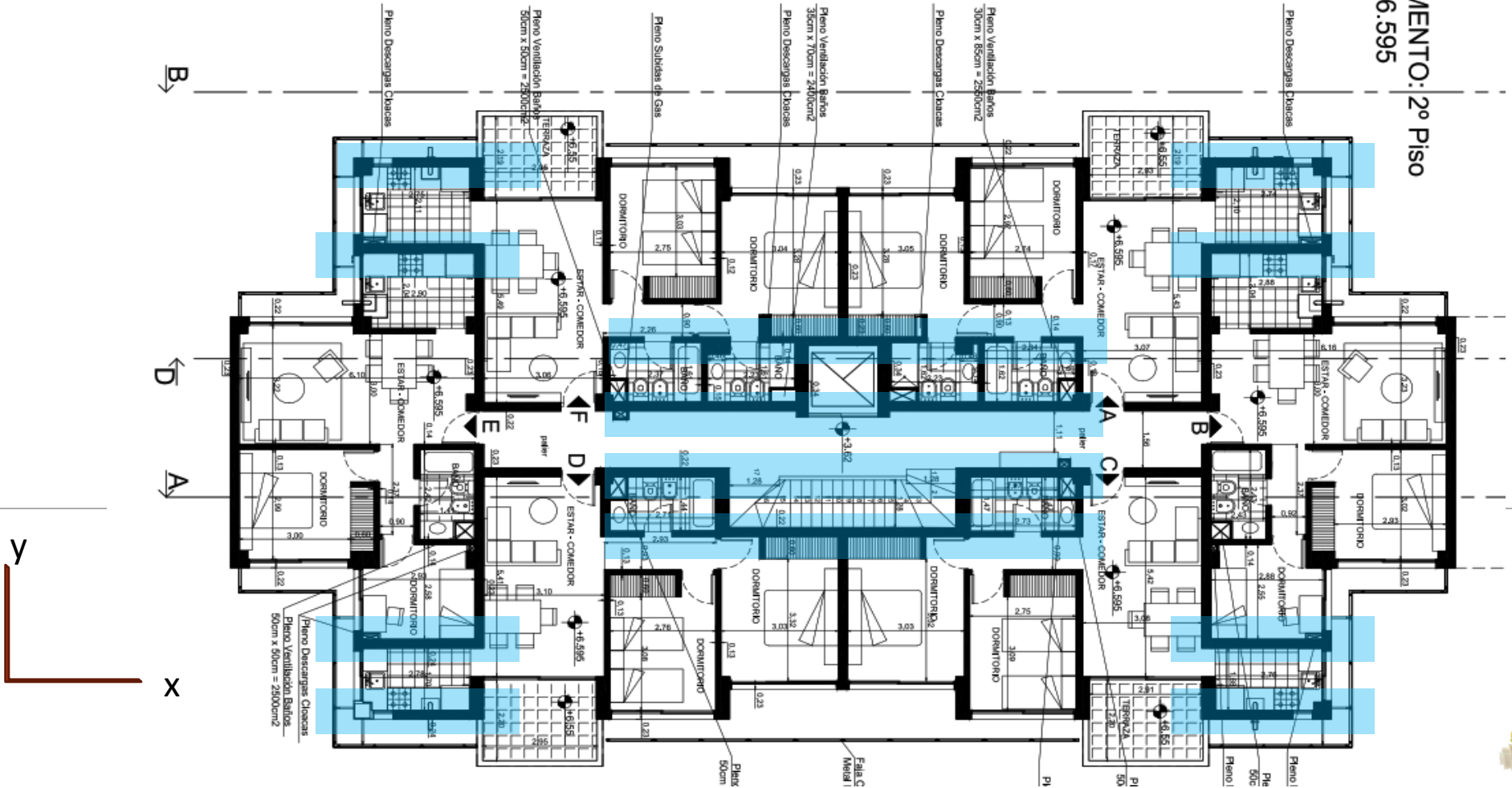
BASAMENTO: 2º Piso
Nivel +6.595



C .3: Cambios de Rigidez o Discontinuidad de Muros

- Piso Flexible
- Columna Corta

BASAMENTO: 2º Piso
Nivel +6.595





CONCLUSIONES

