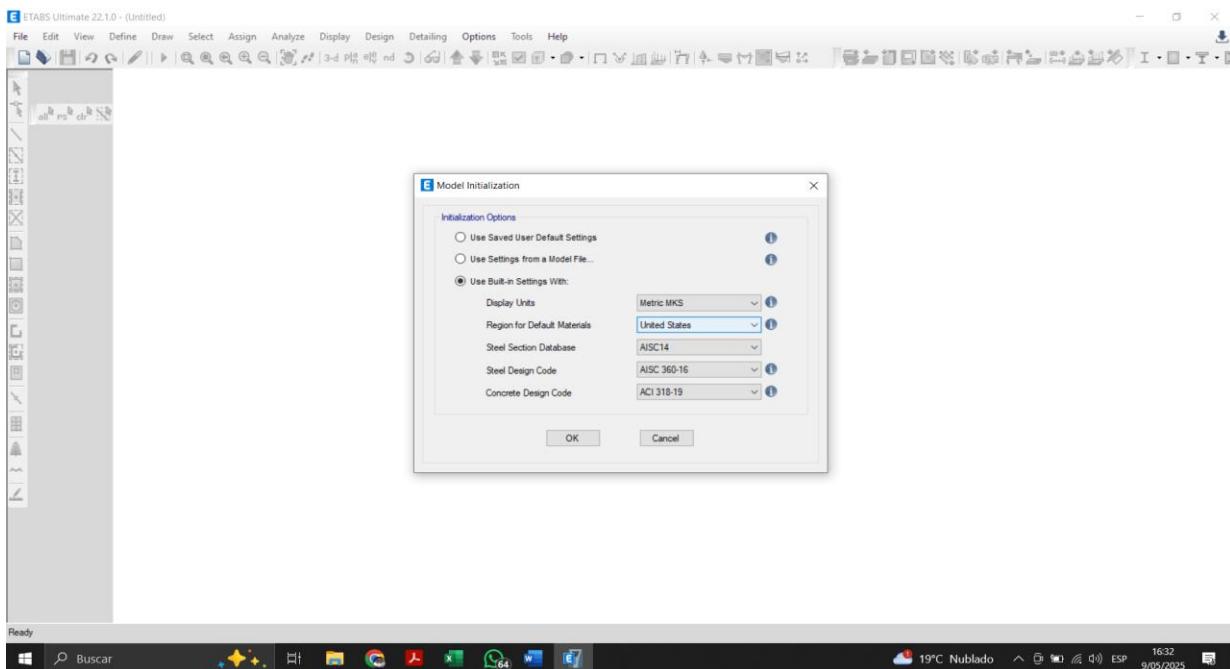
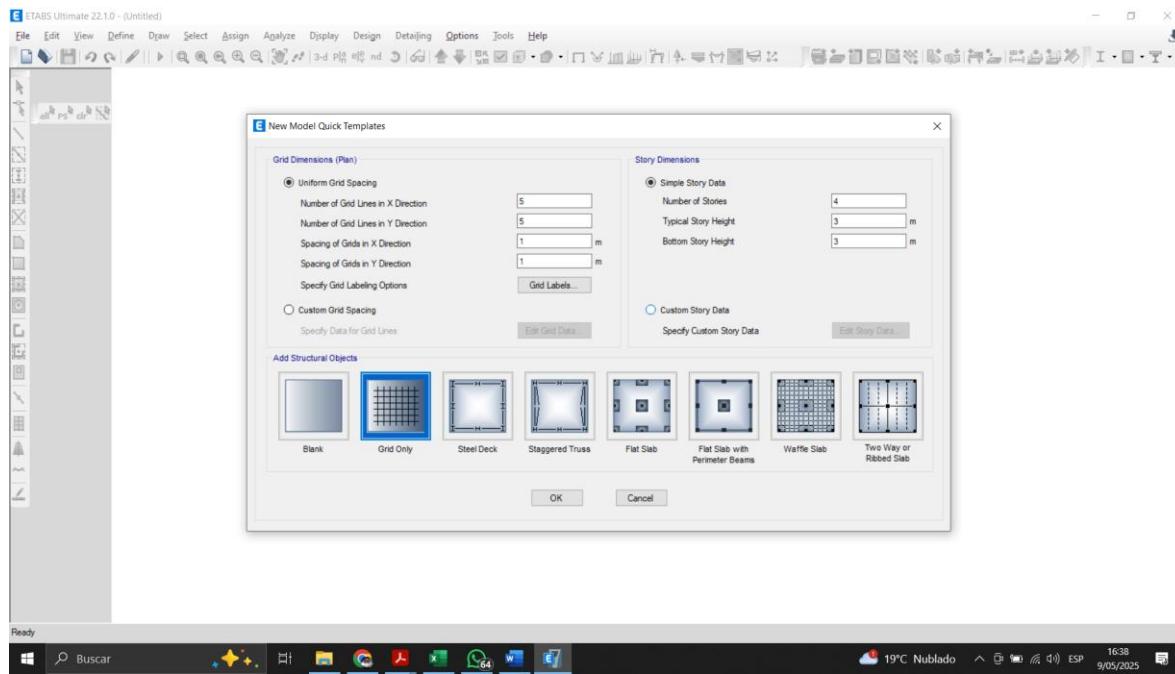


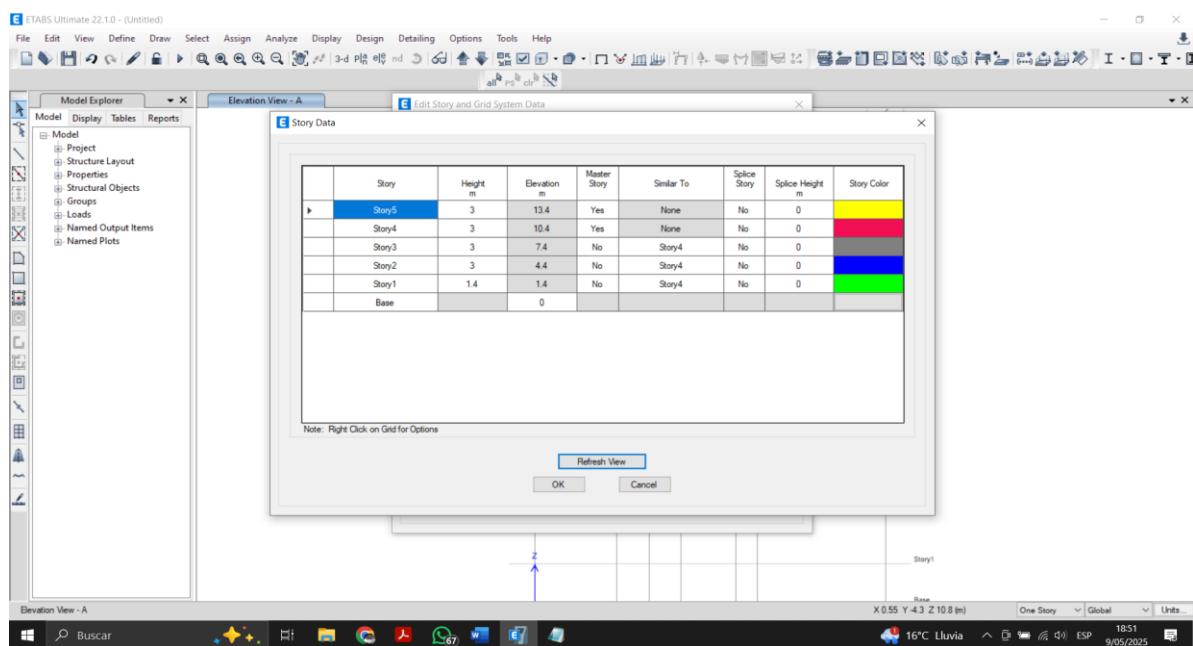
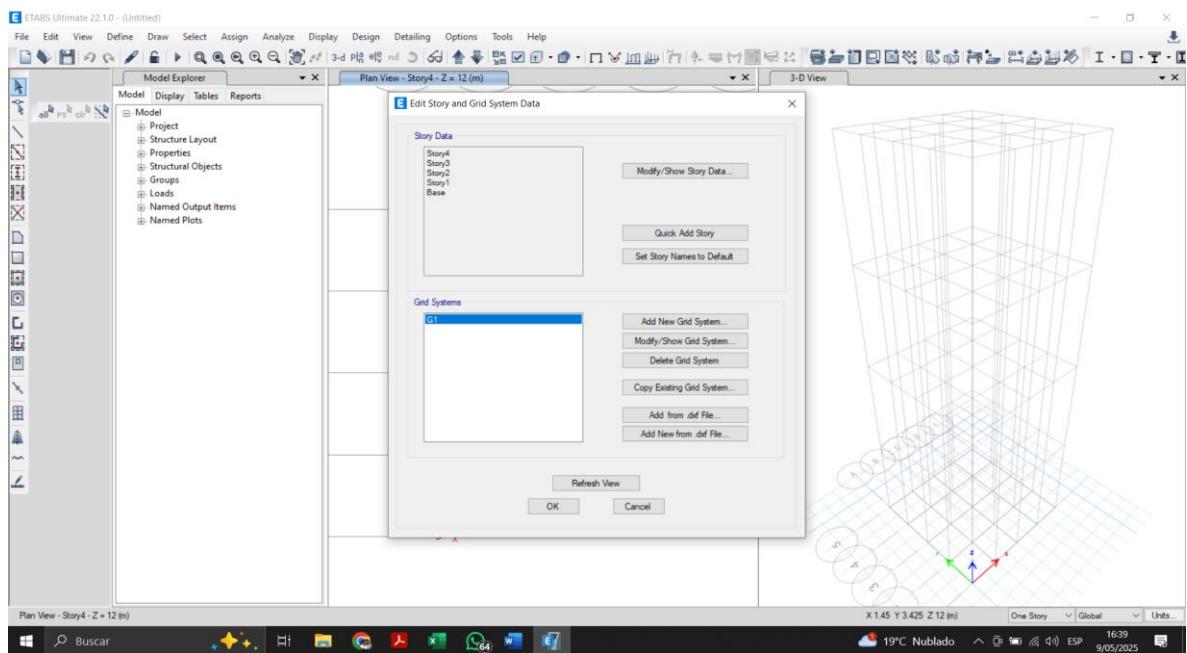
## CAPTURAS DE PANTALLA DEL PROCESO

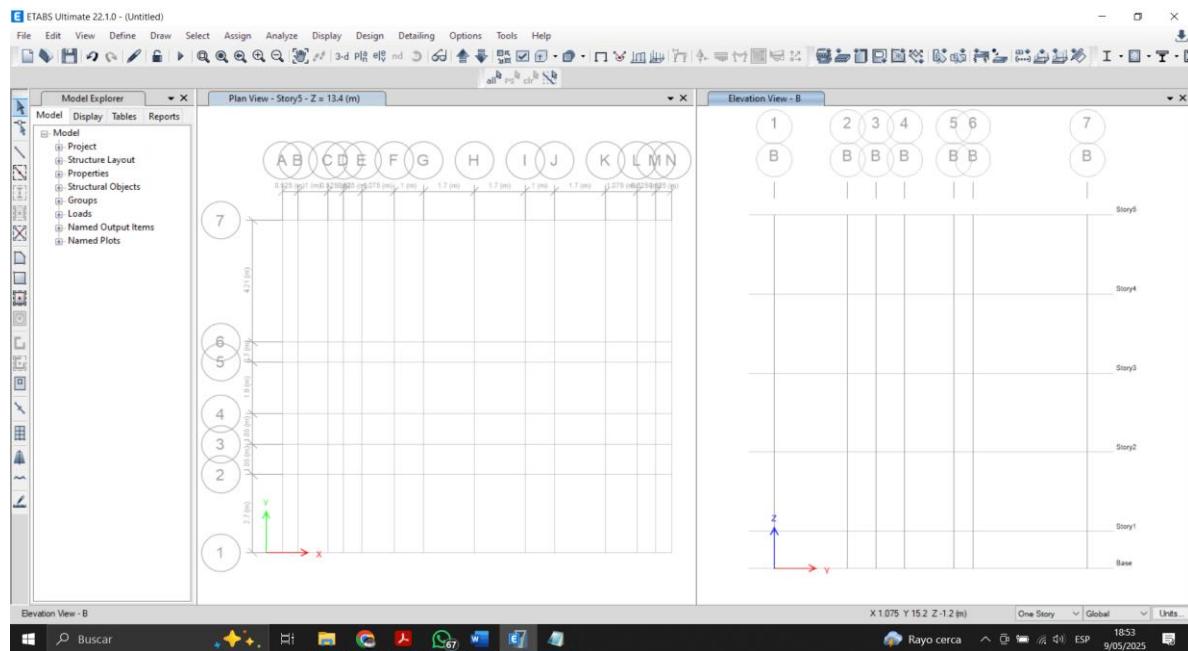
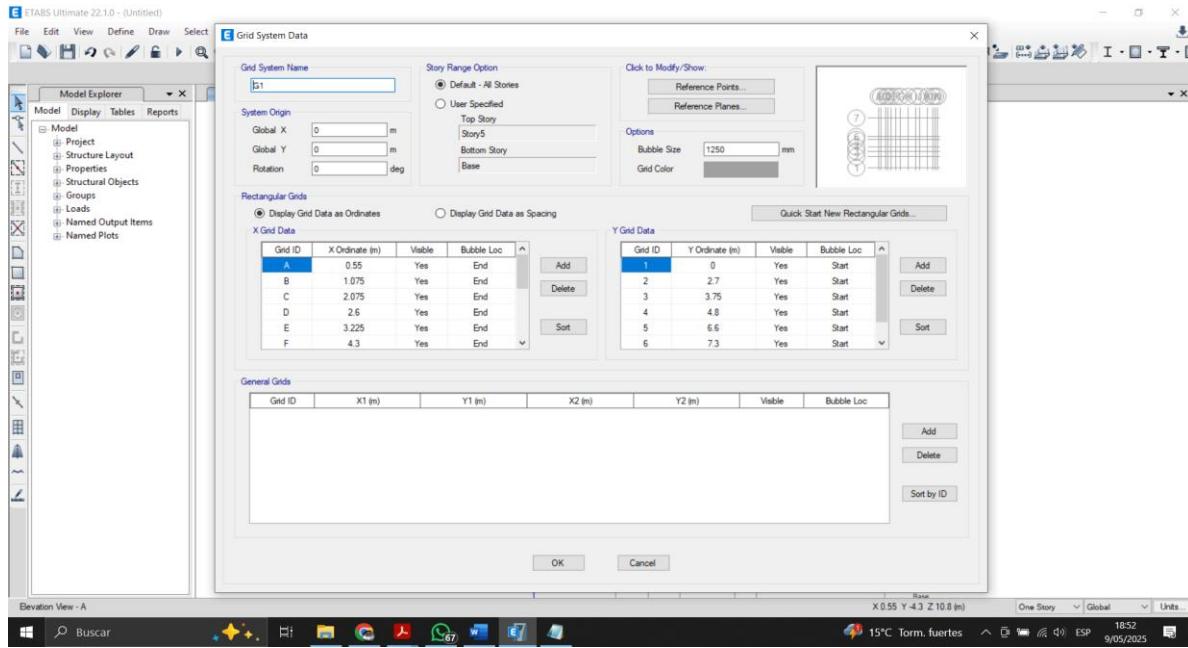
### Creando las unidades de medida y datos que contendrá las especificaciones que el software ETABS predeterminara para la creación de la estructura

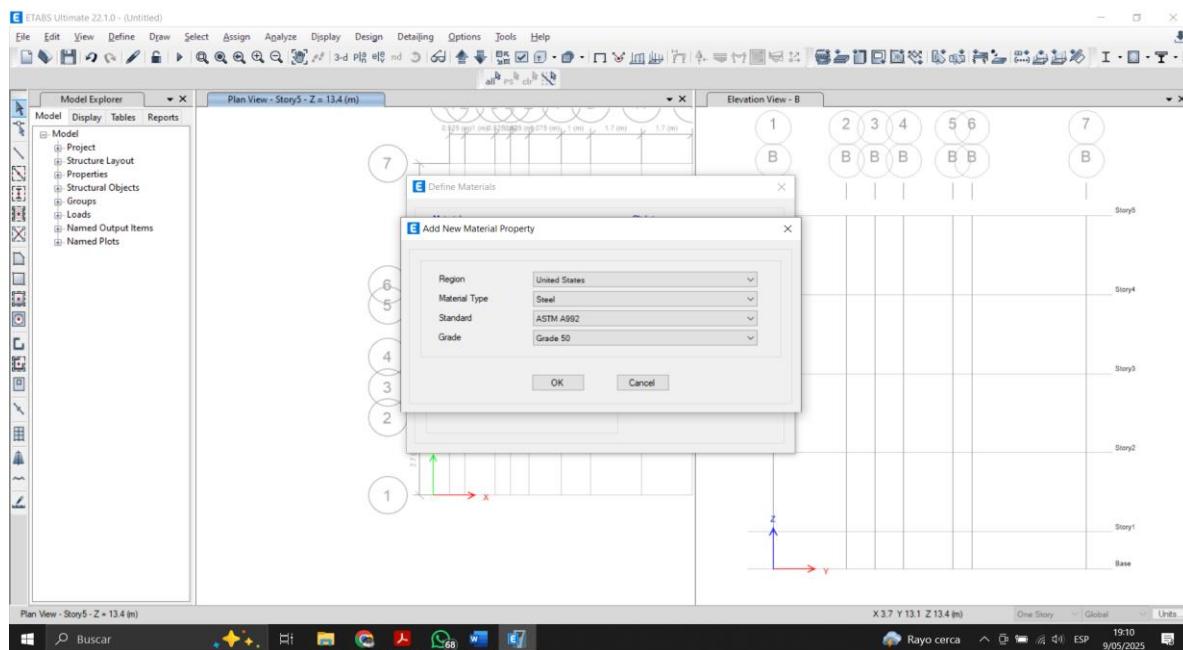
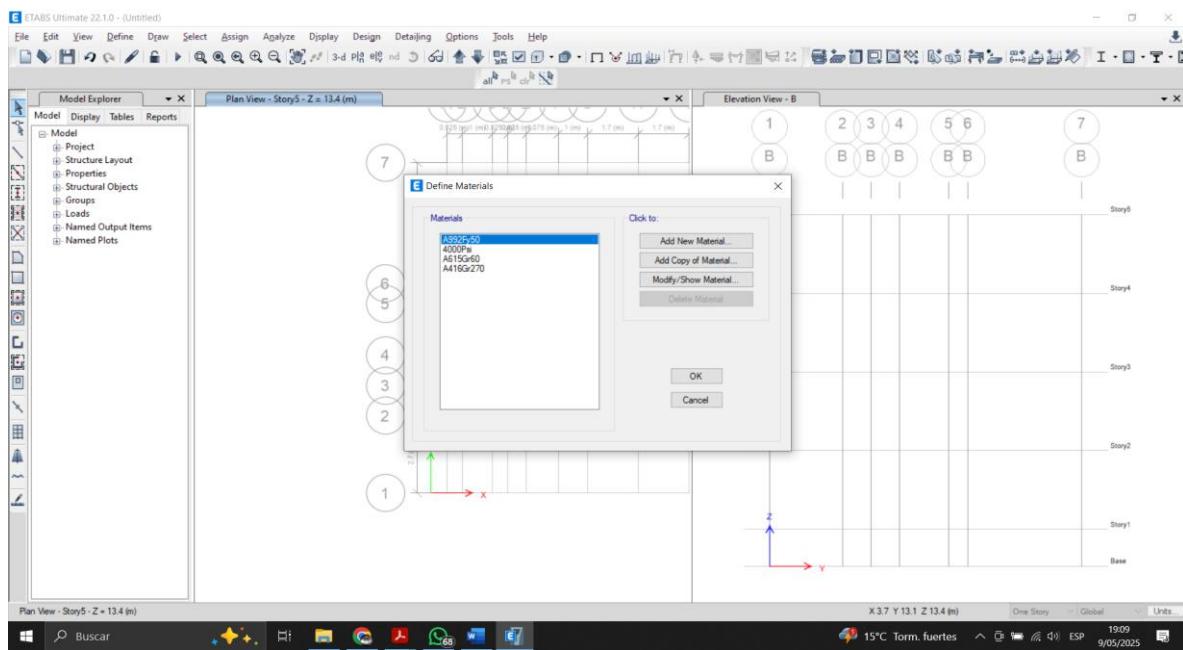


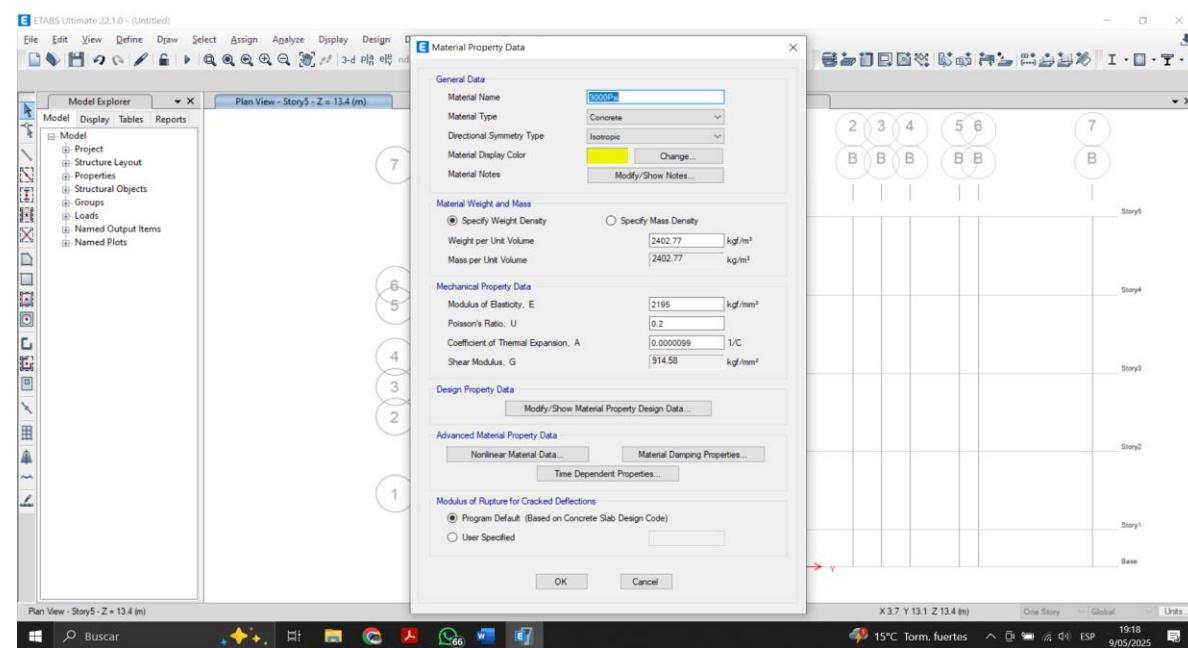
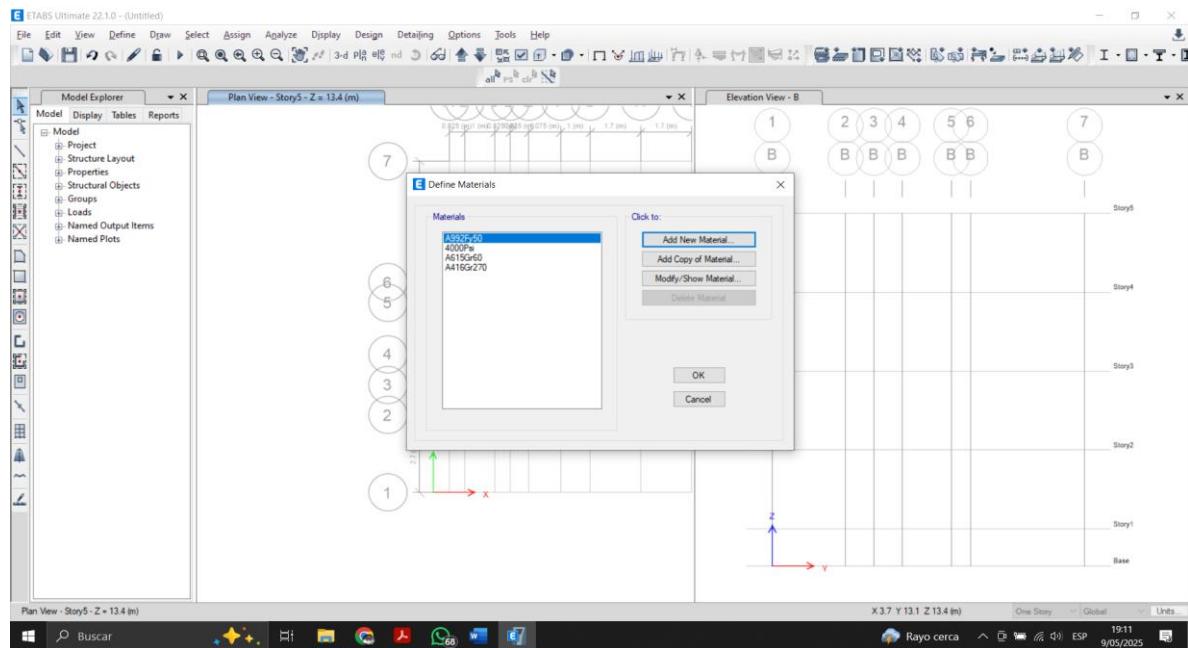
### Estableciendo las cantidad de grillas necesarias

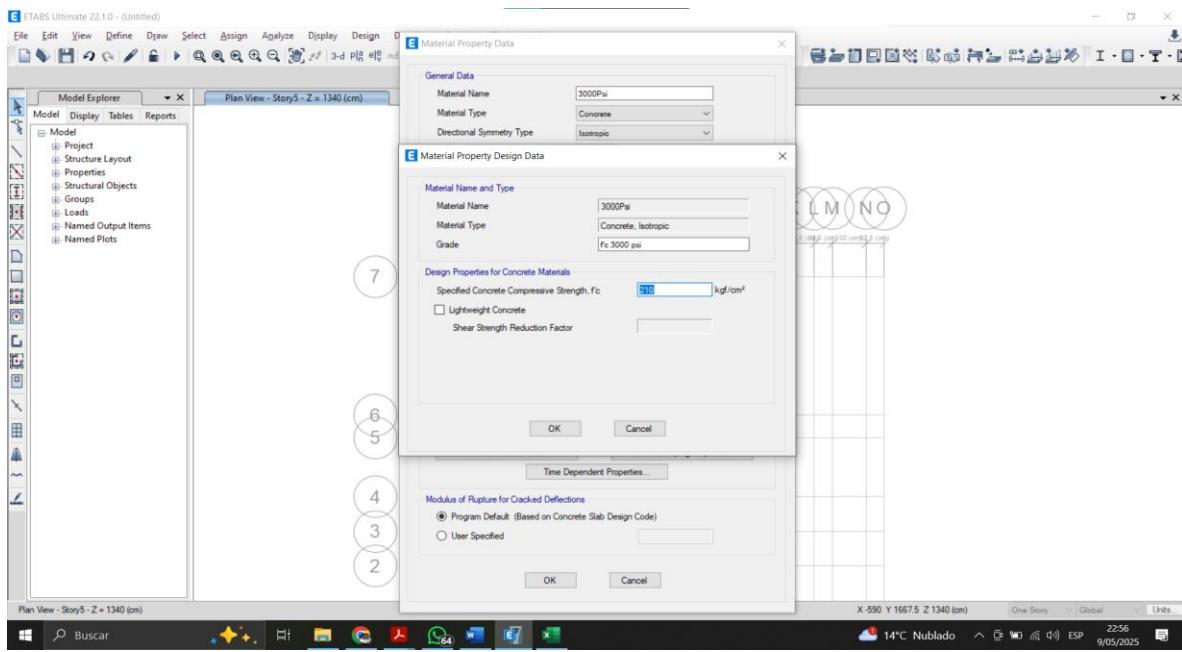




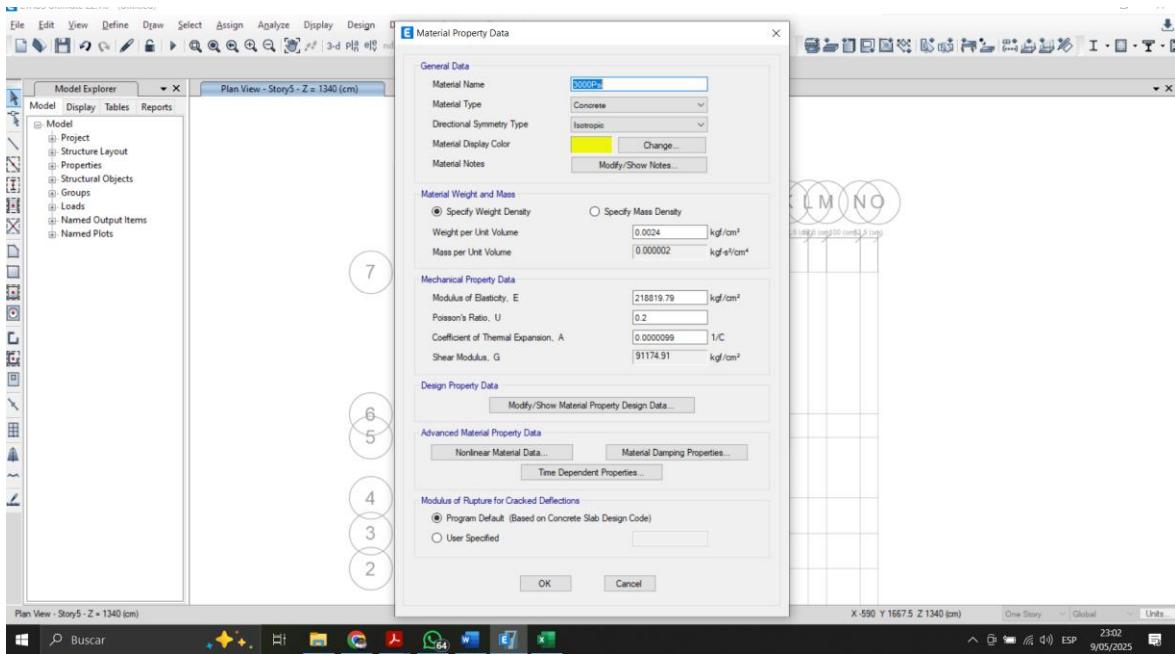




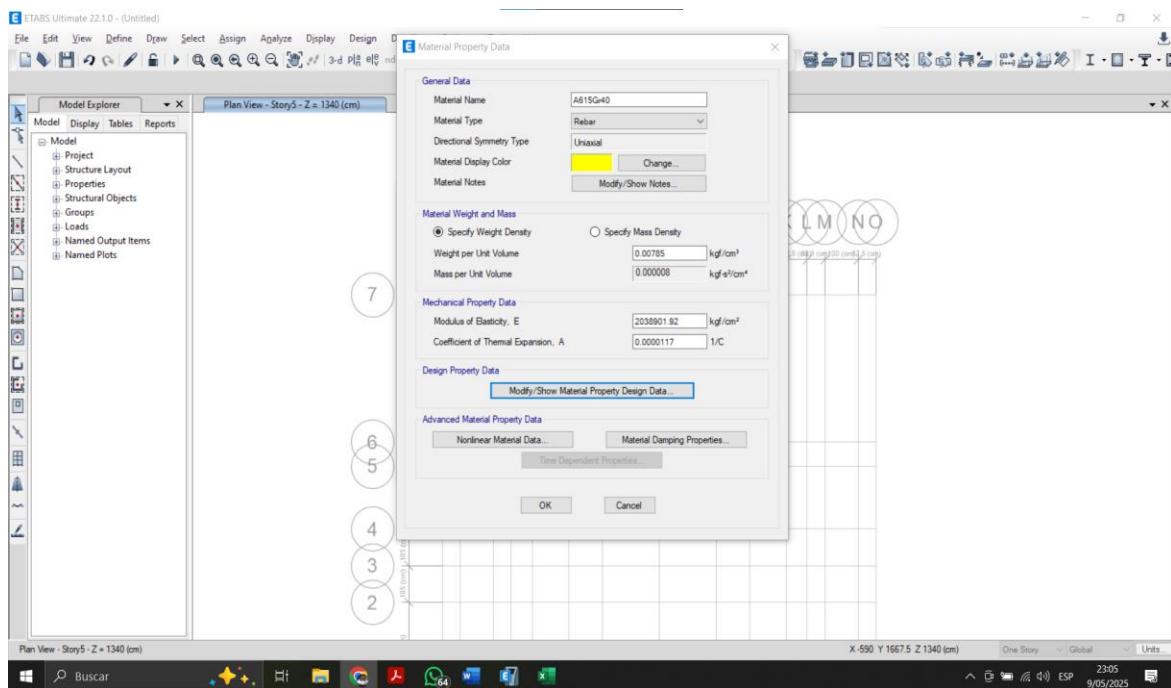
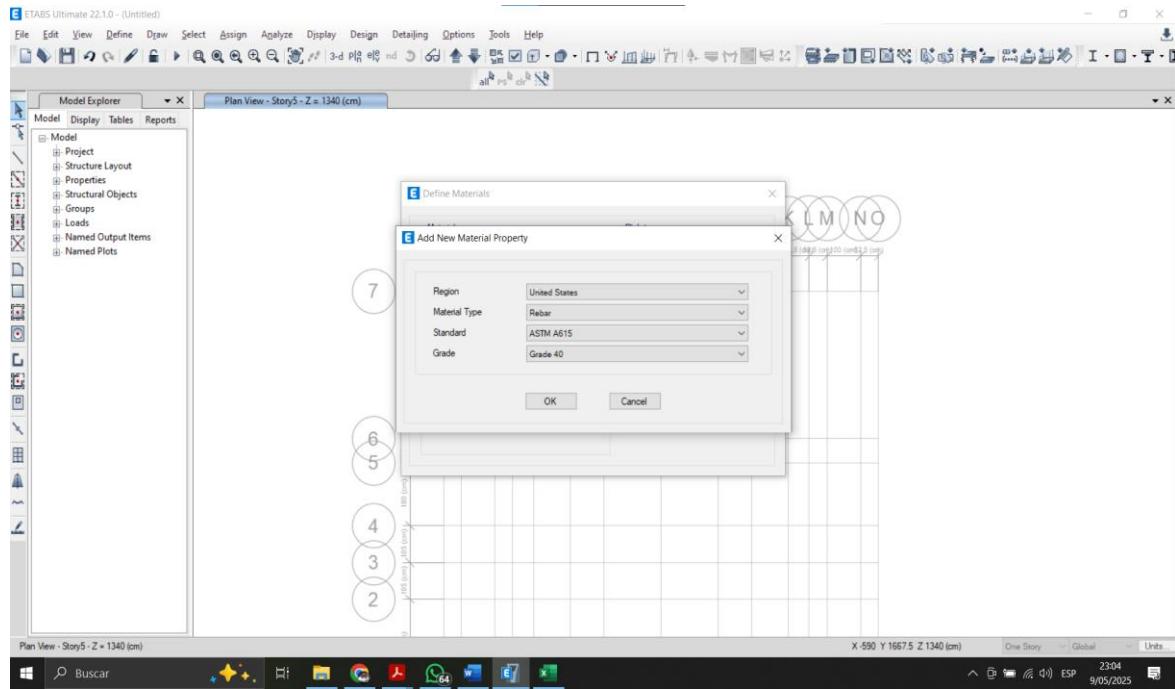




## Especificando modulo de elasticidad



## AGREGANDO VARILLAS DE ACERO



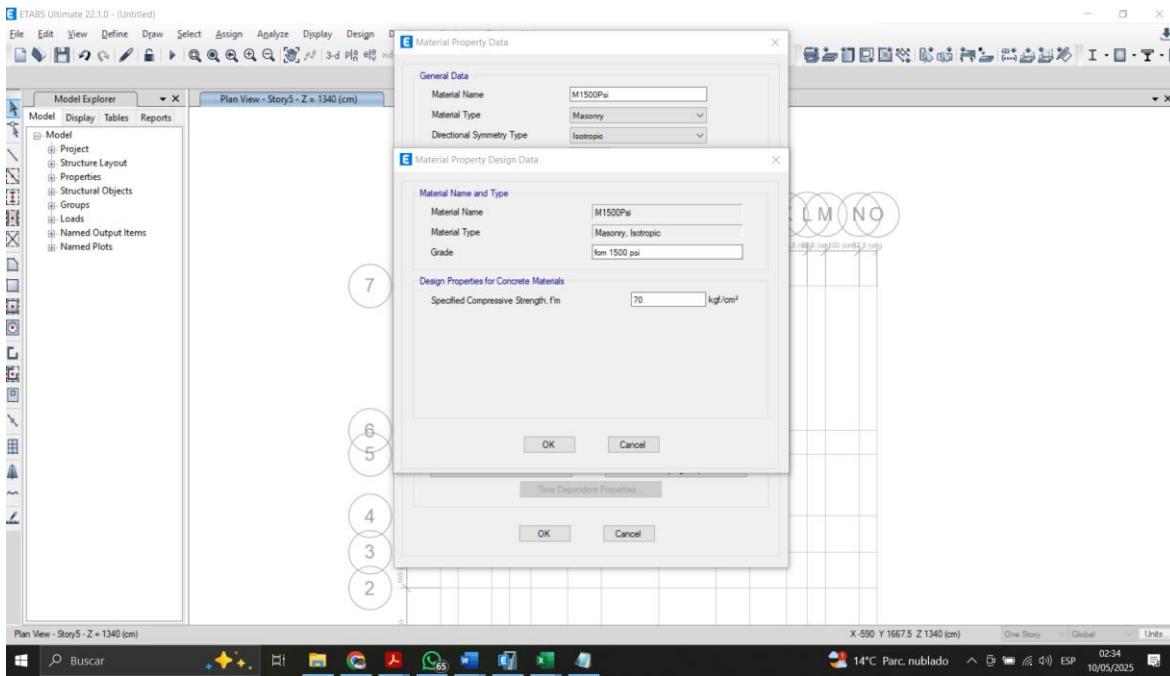
## Agregando Mamposteria

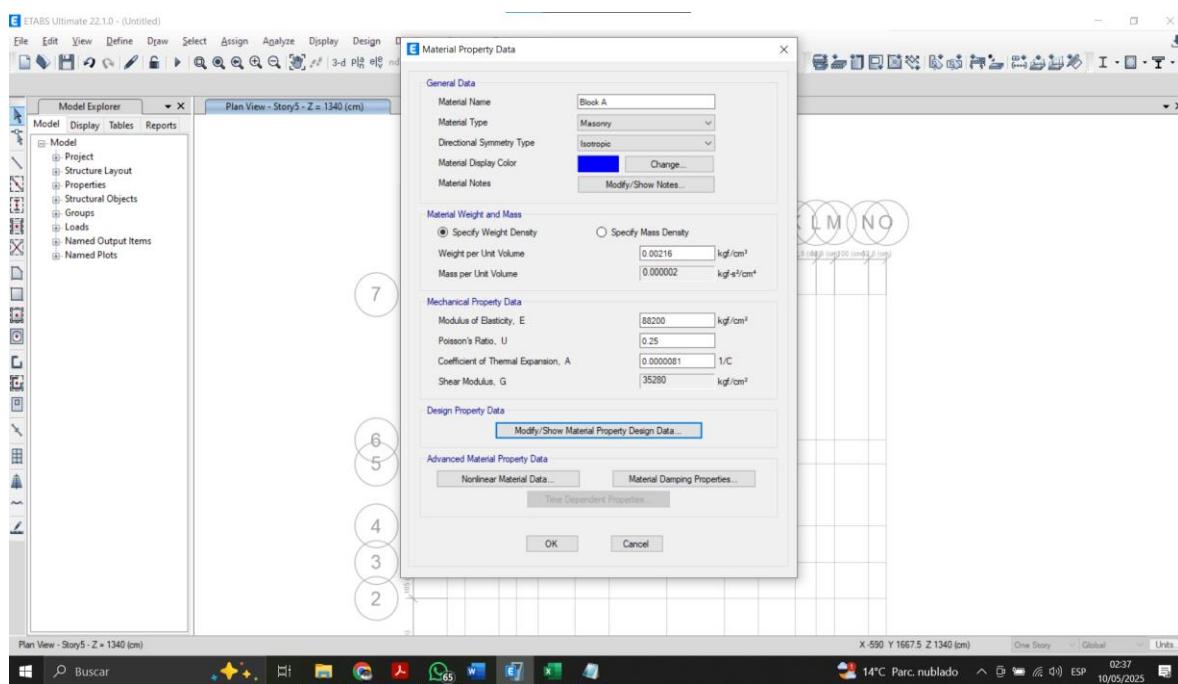
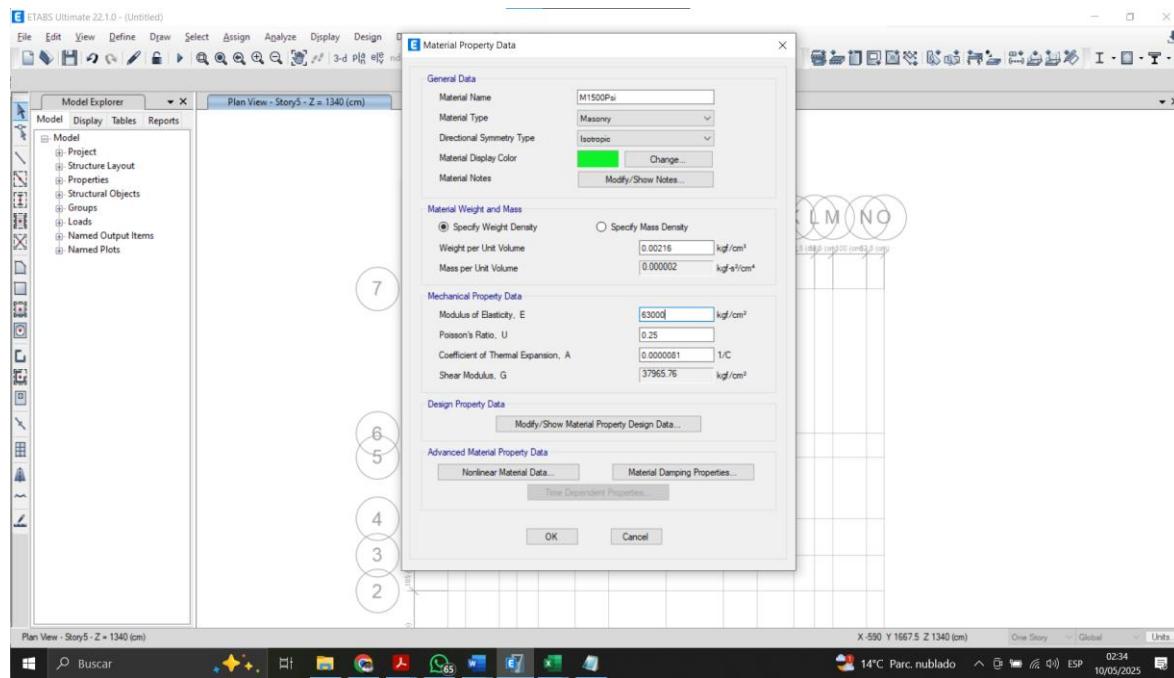
### Agregando Resistencia de Cada block

The screenshot shows an Excel spreadsheet titled "Libro2 - Excel". The data is organized into several sections:

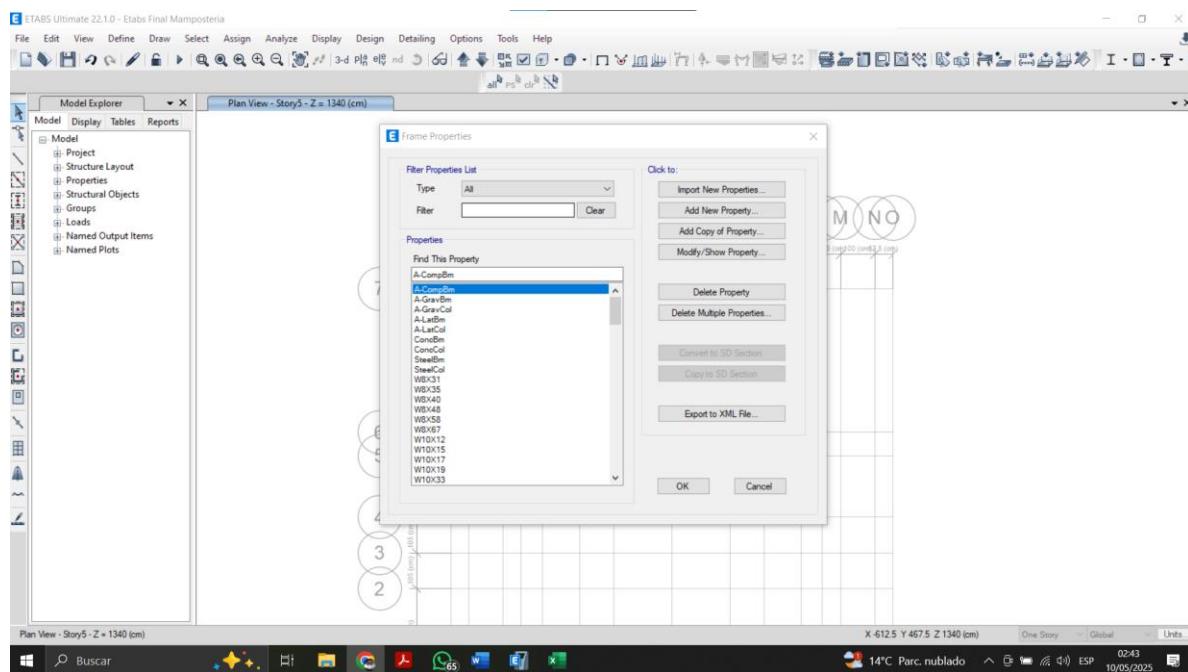
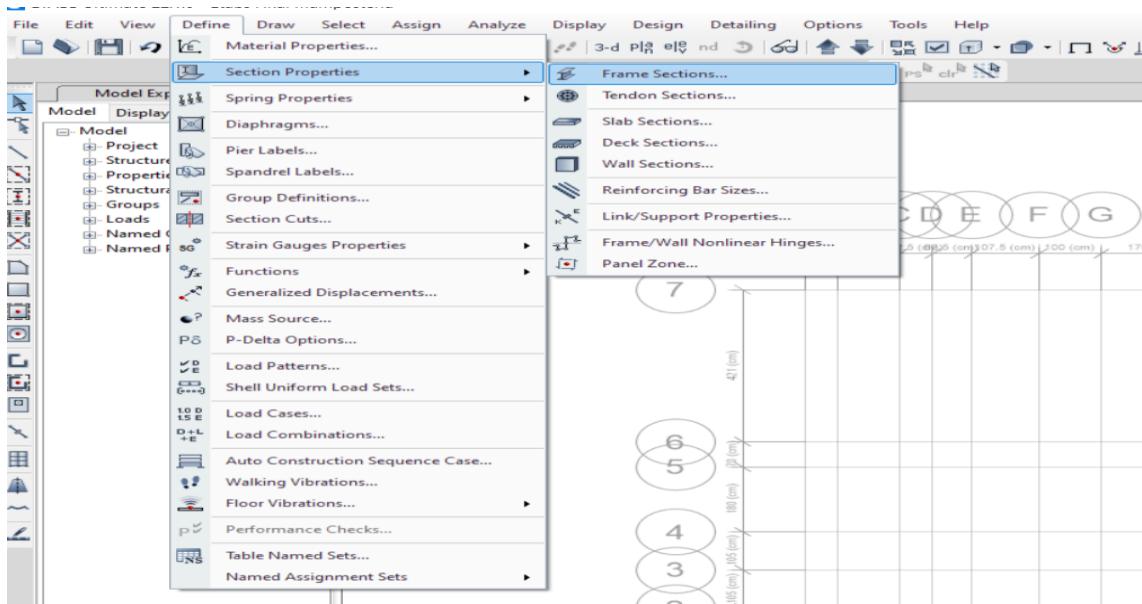
- MODULO DE ELASTICIDAD CONCRETO**:
  - E  $f'c$  = 15100/ $f'c$  = 210 kg/cm<sup>2</sup>
  - E = 218819.789
- MODULO DE ELASTICIDAD MAMPOSTERIA**:
  - $E_m = 900 * f'm$  and  $f'm = 0.7 f'ud$
- CLASE BLOCK RESISTENCIA**:

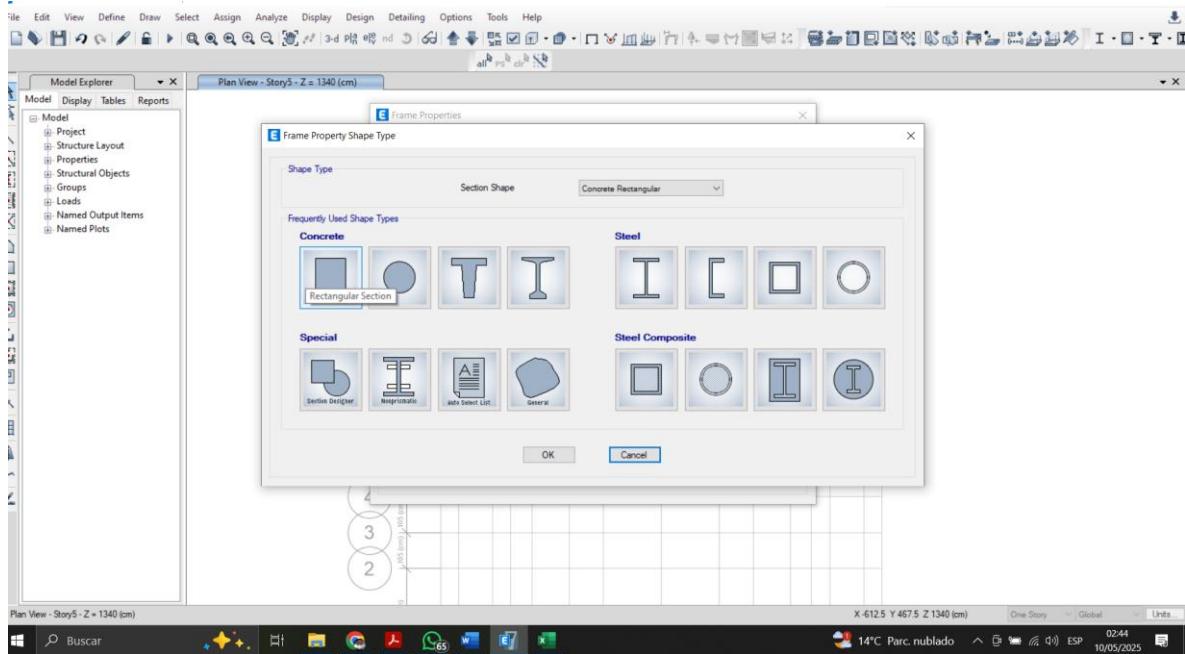
	KG/CM <sup>2</sup>	$f'm$ (kg/cm <sup>2</sup> )	$E_m$
A	140	98	88200
B	100	70	63000
C	66	46.2	41580



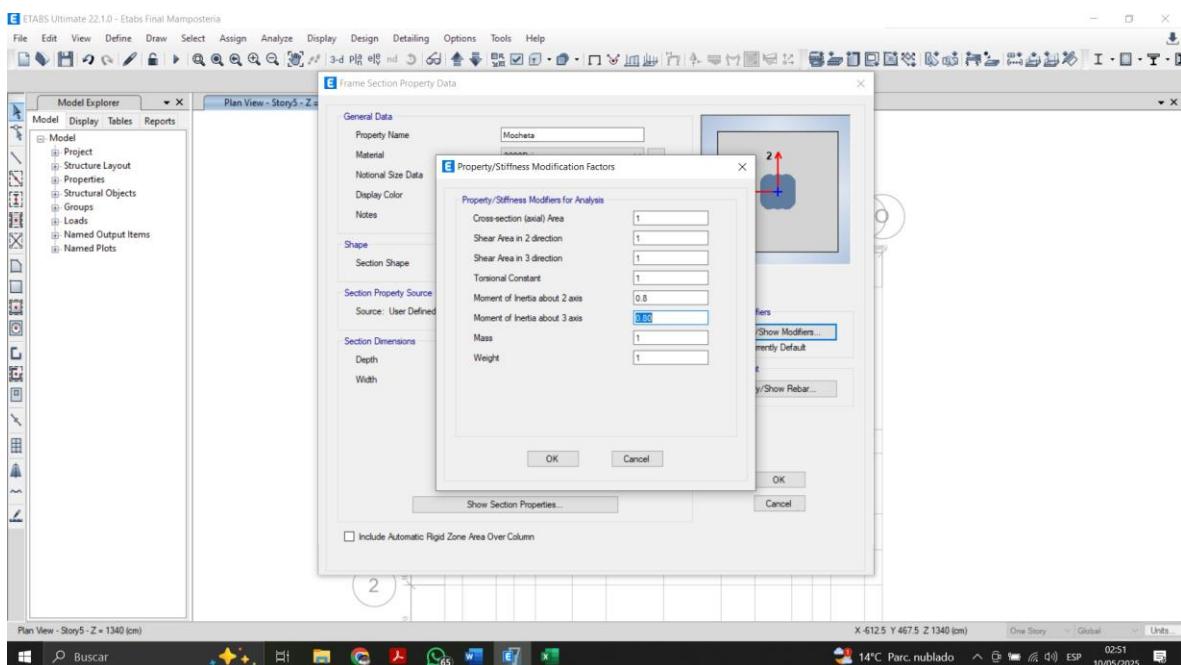


## DEFINIR SECCIONES





## DEFINIENDO MOMENTO DE INCERICA



Libro2 - Excel

Marlon Ivan Carreto Rivera

C23

**CLASE BLOCK RESSTENIA**

	fud(kg/cm <sup>2</sup> )	f'm(kg/cm <sup>2</sup> )	Em(kg/cm <sup>2</sup> )
A	140	98	88200
B	100	70	63000
C	66	46.2	41580

**REDUCCION**

**MOMENTO DE INERCIA**

**VIGAS      COLUMNAS**

ACI	0.35	0.7
AGIES	0.5	0.8

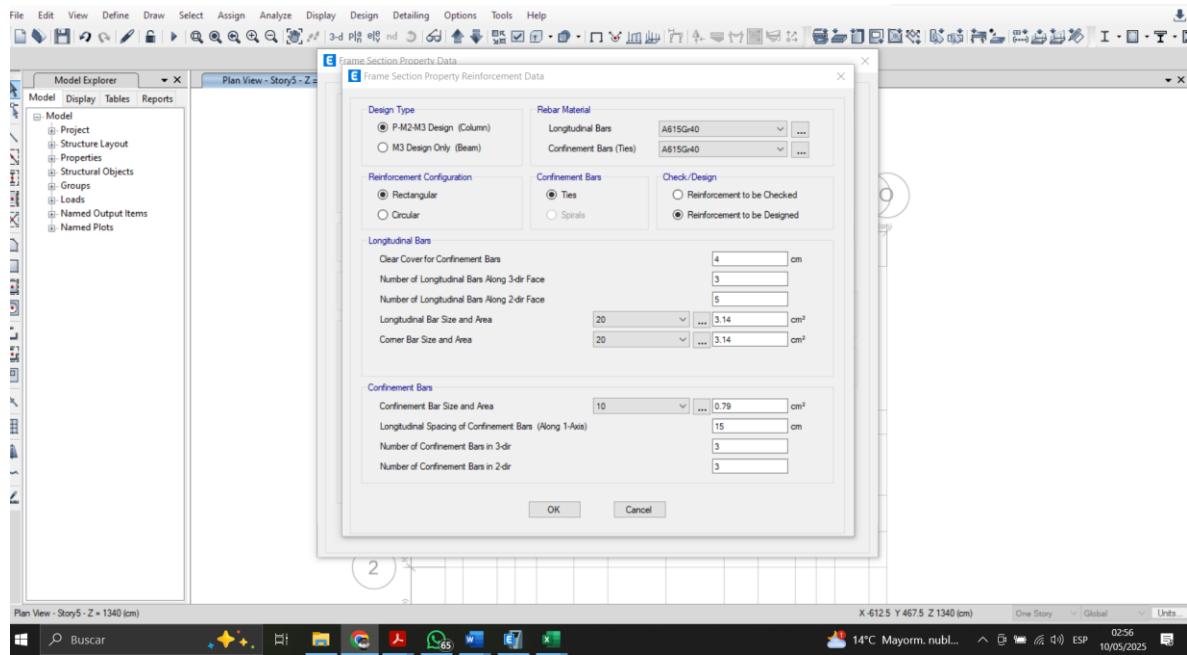
Hoja1

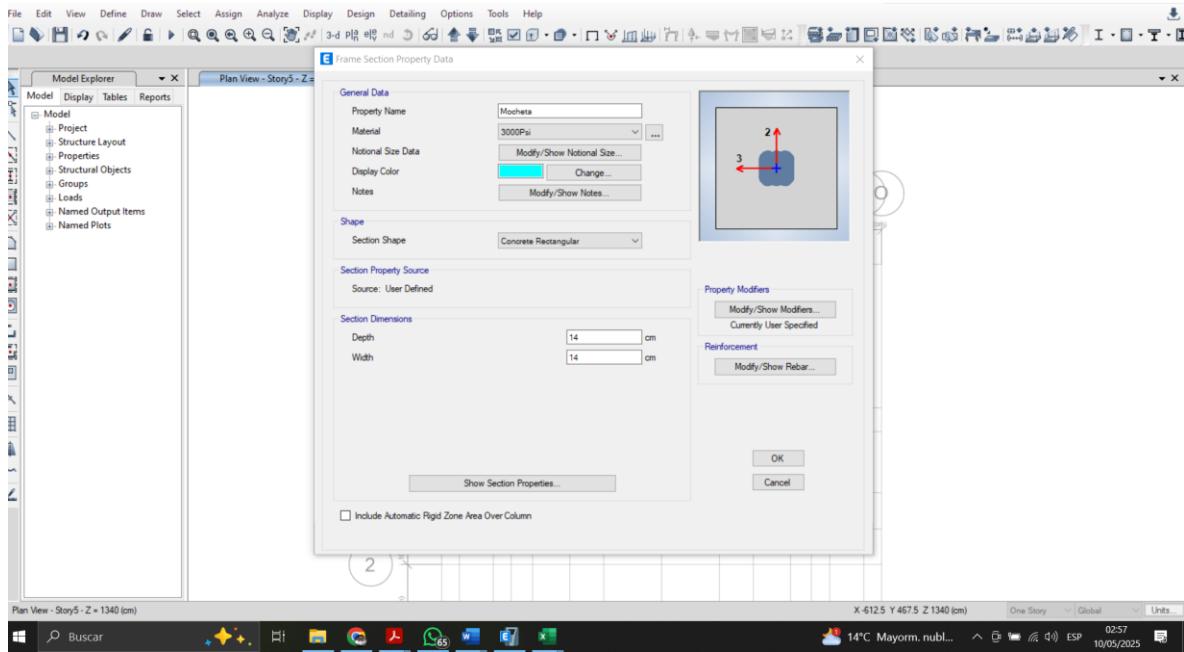
Accesibilidad todo correcto

Configuración de visualización

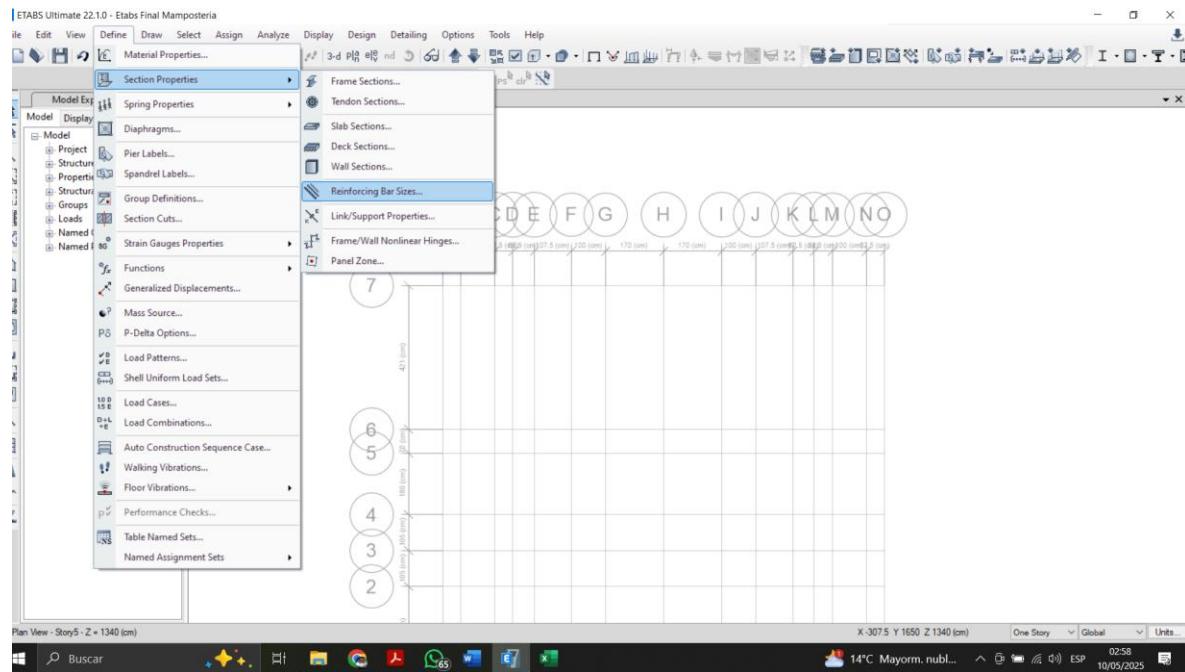
14°C Mayorm. nubl... 02:52 10/05/2025

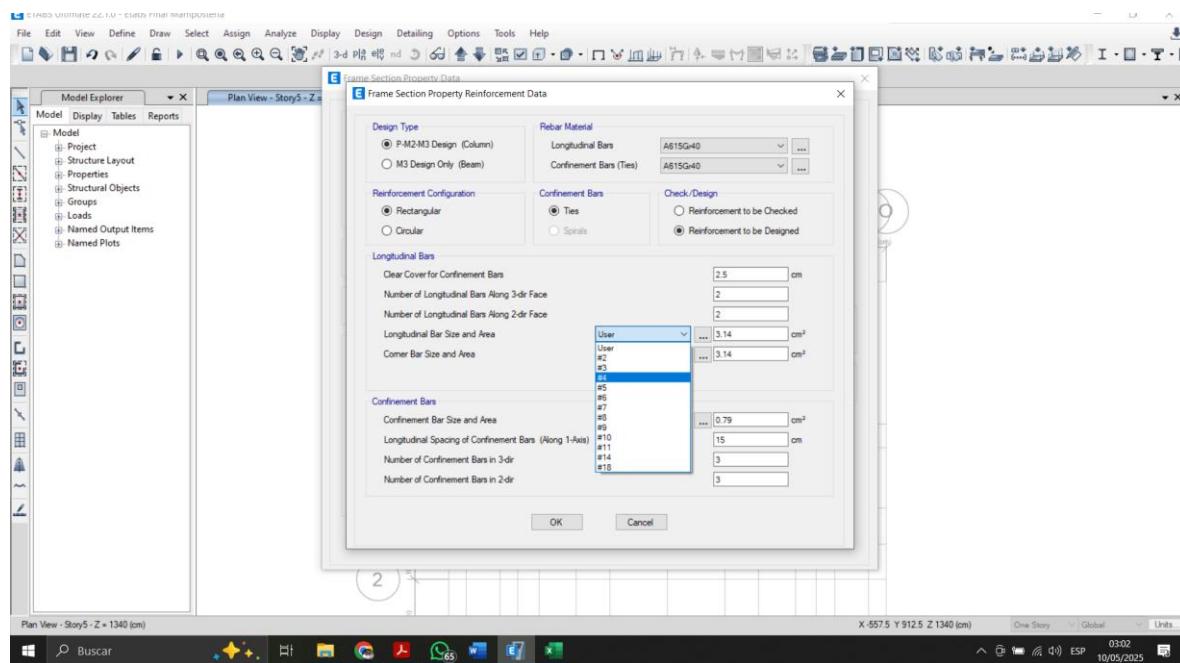
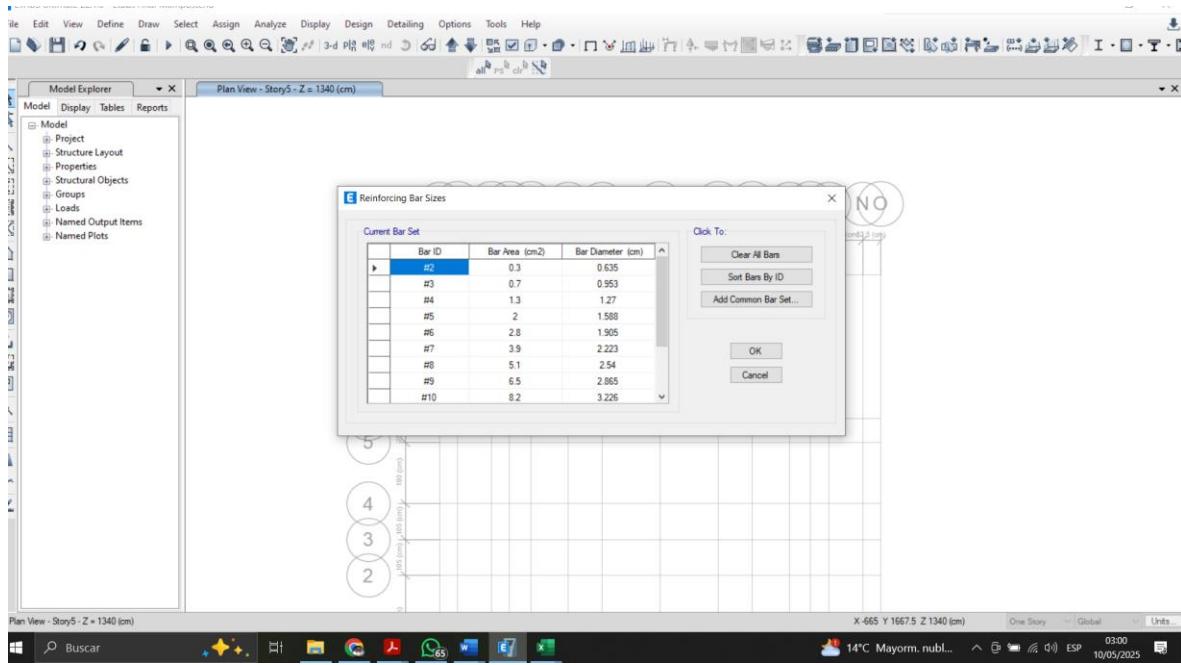
## MODIFICANDO REFUERZO

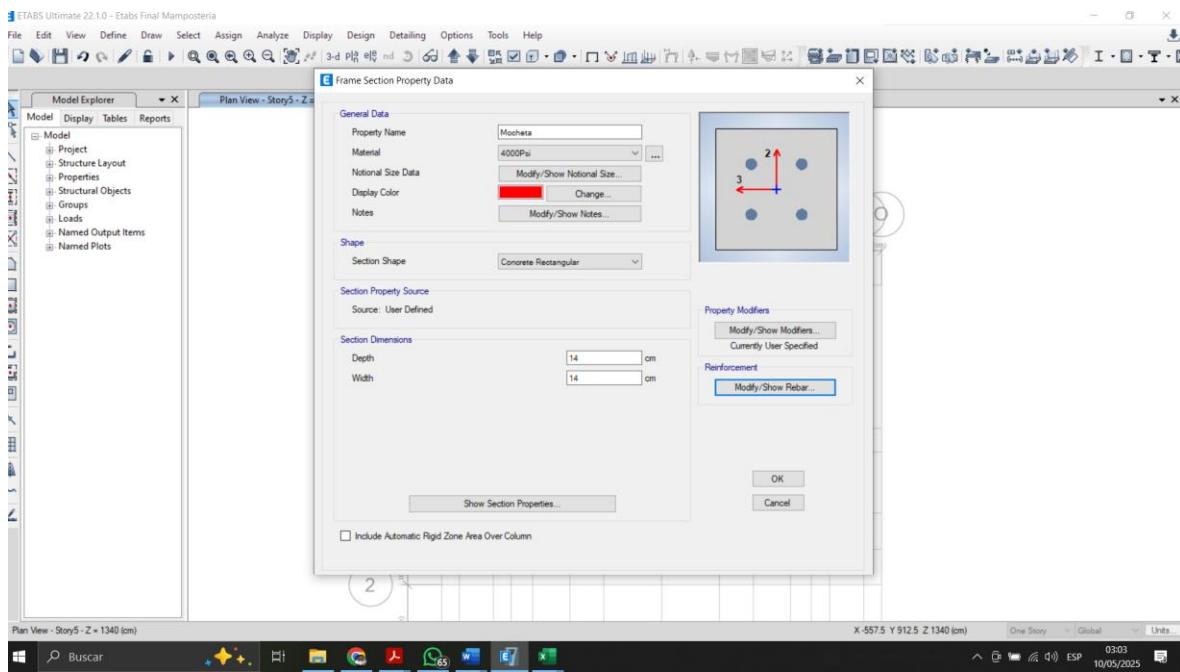




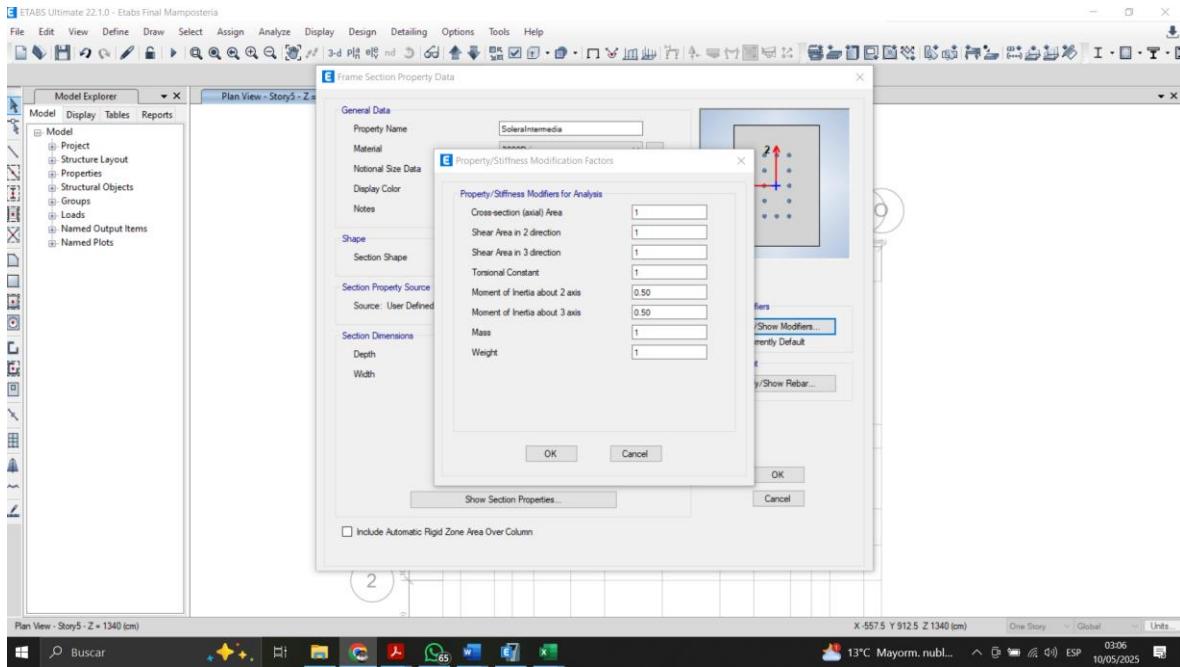
## MODIFICANDO ACEROS

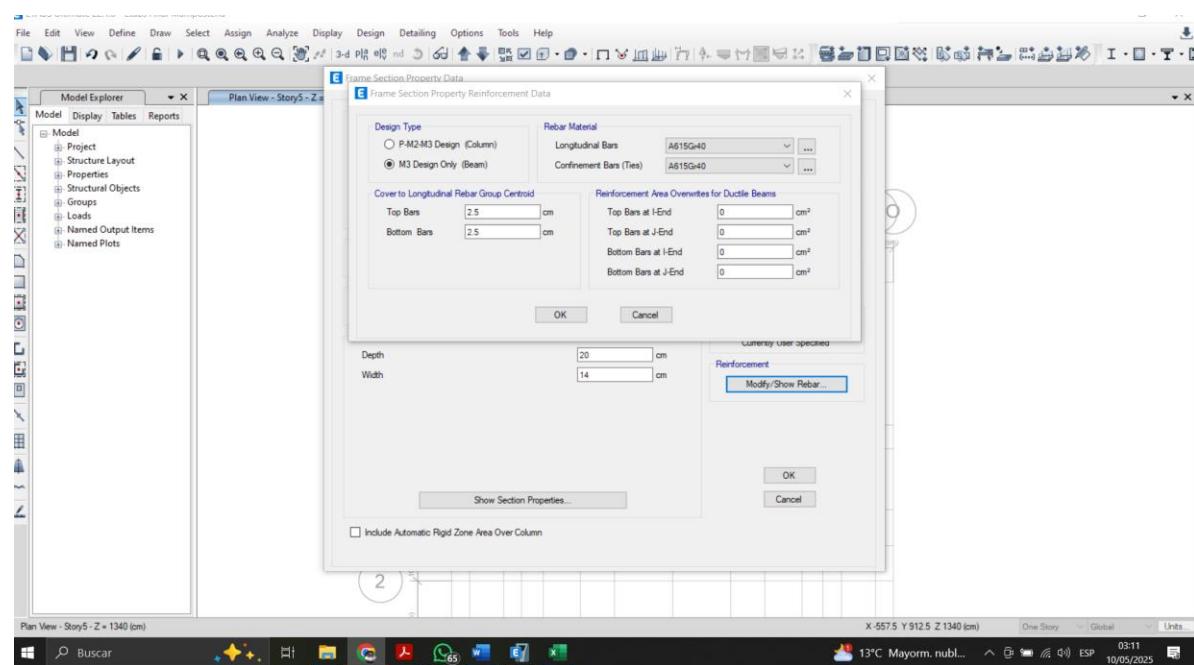
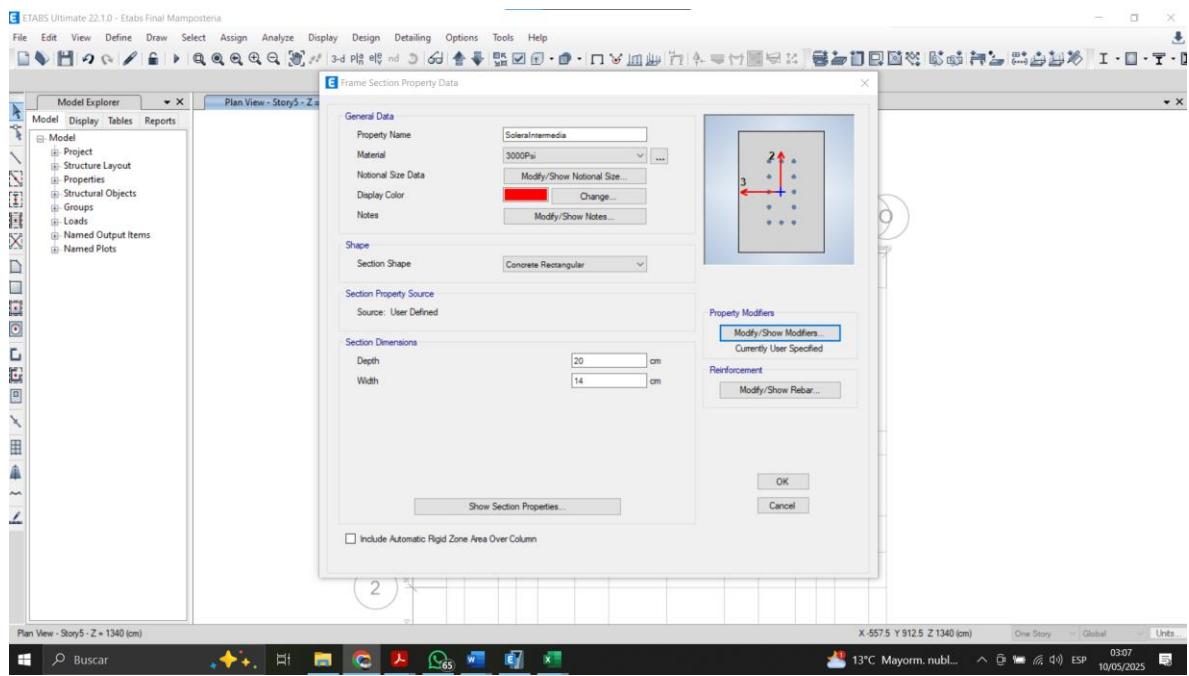




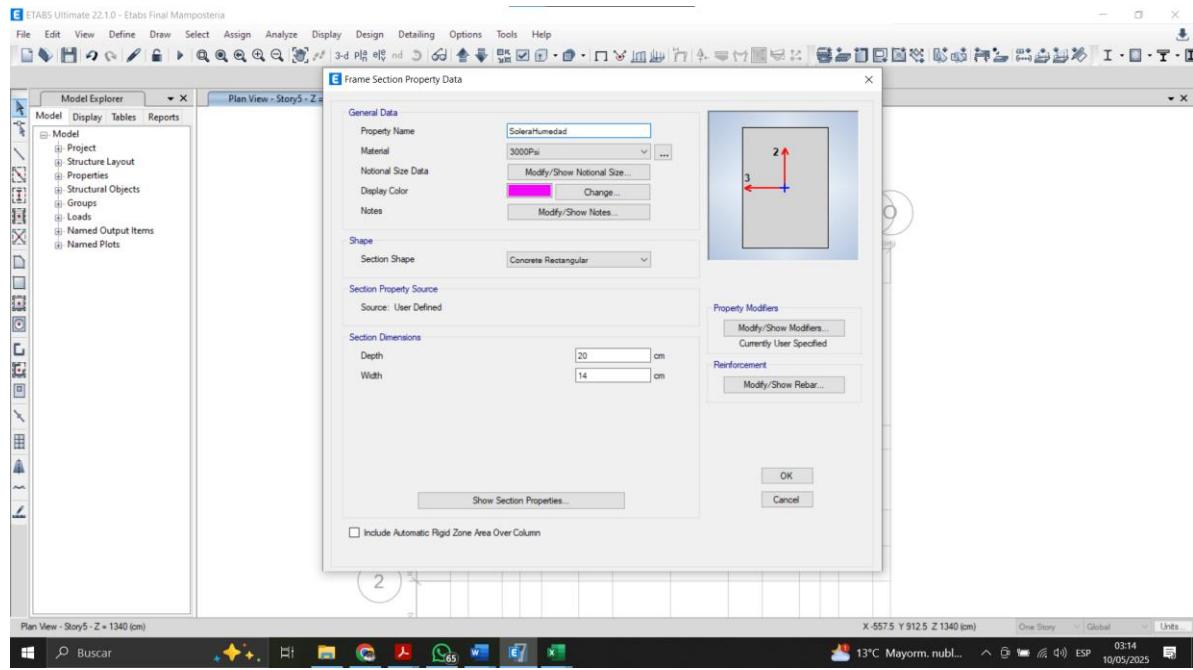


## DEFINIENDO SOLERA INTERMEDIA

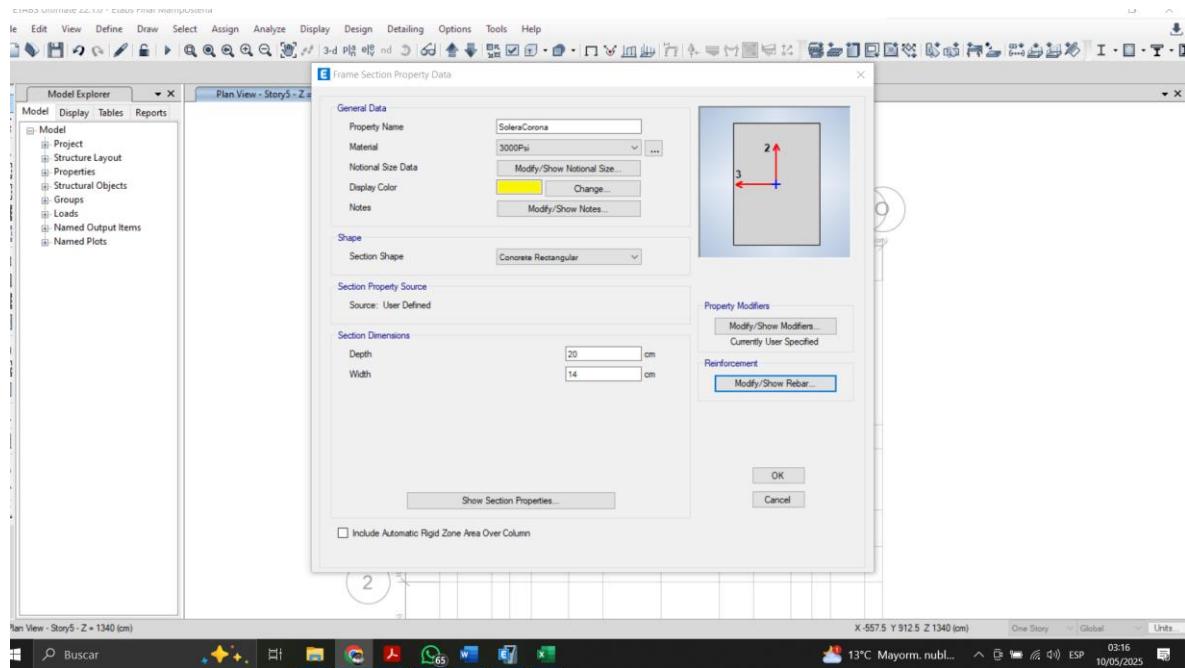




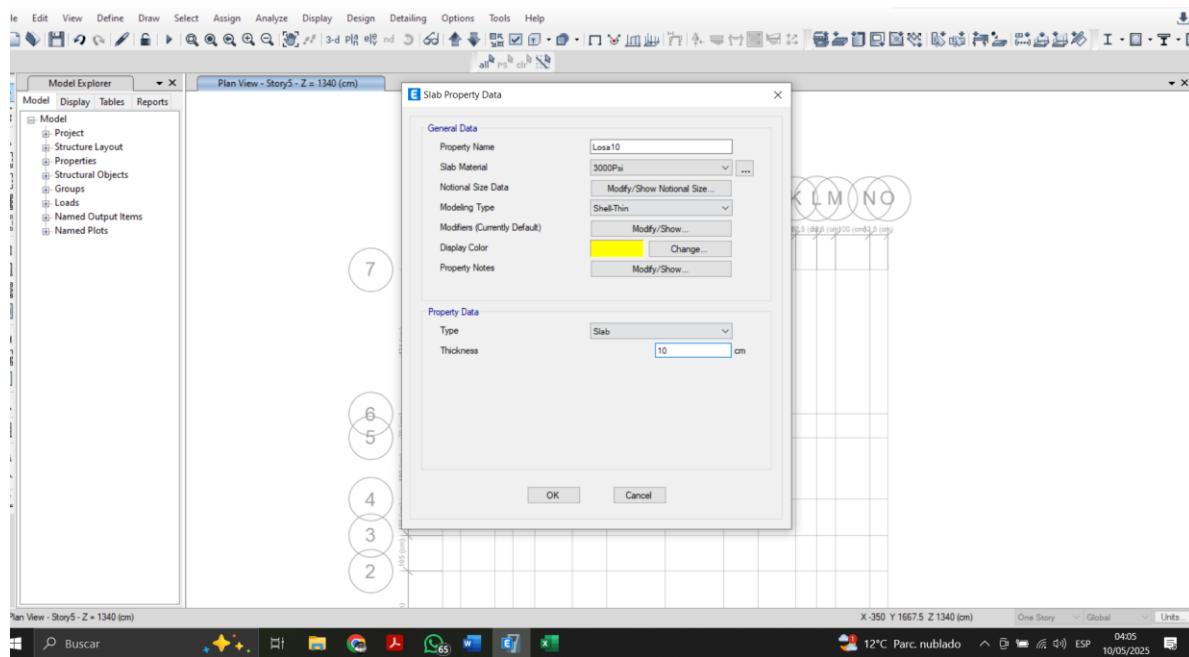
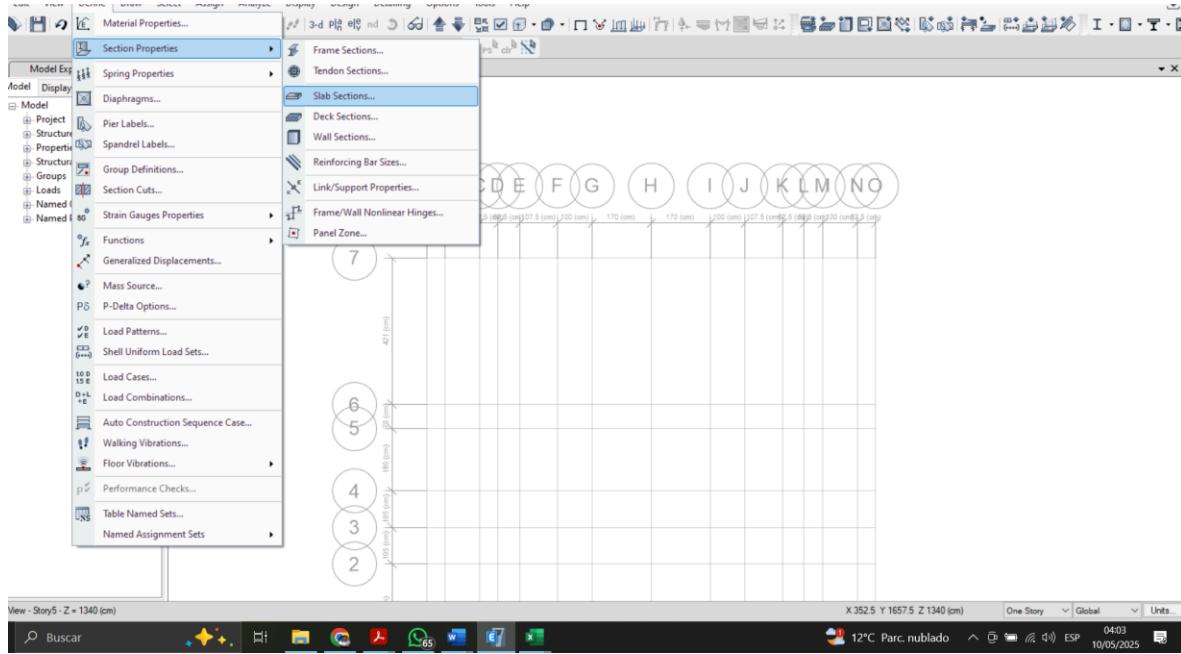
## DEFINIENDO SOLERA DE HUMEAD



## DEFINIENDO SOLERA DE CORONA

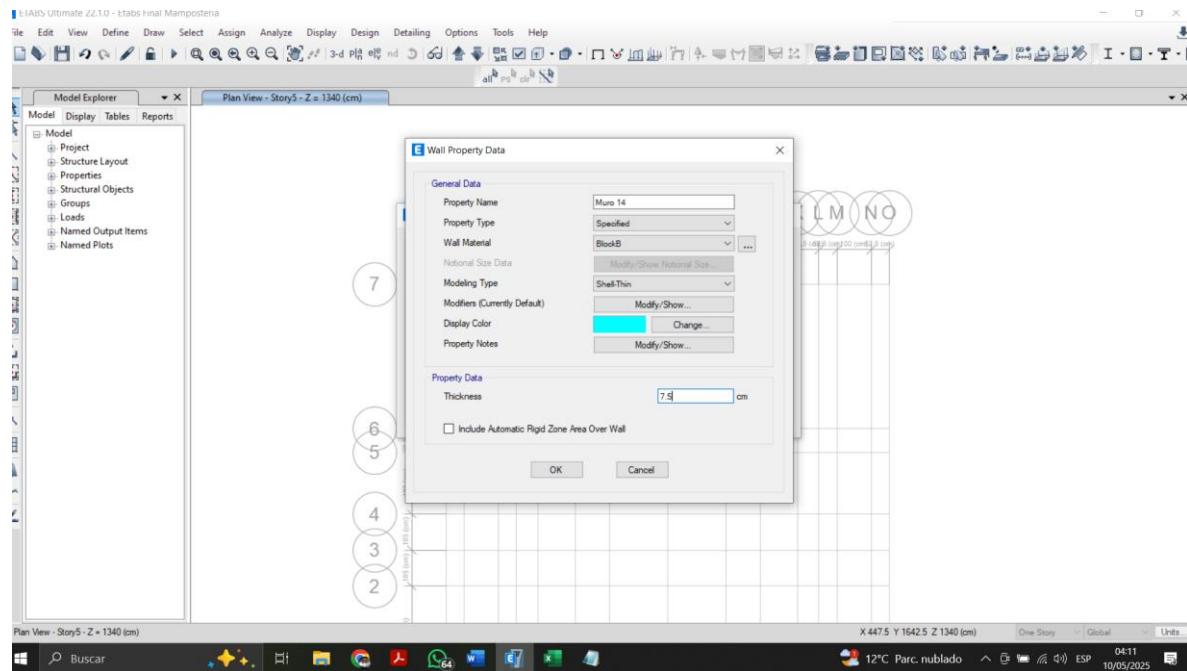


## DEFINIENDO LOSAS

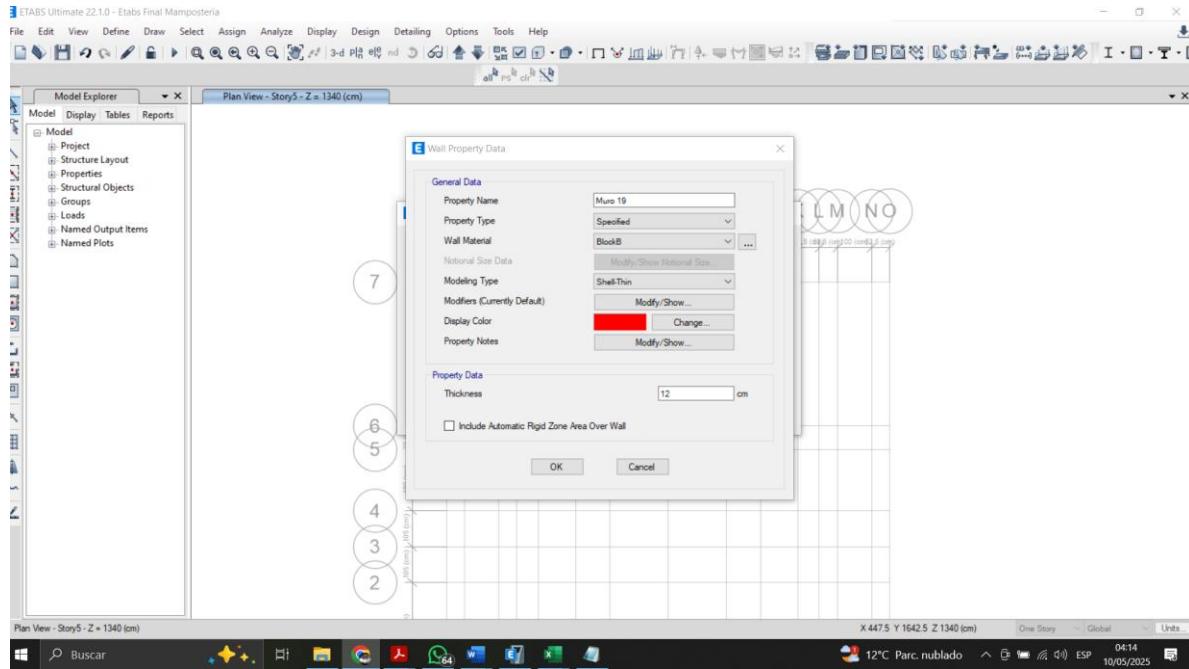


## DEFINIENDO MUROS

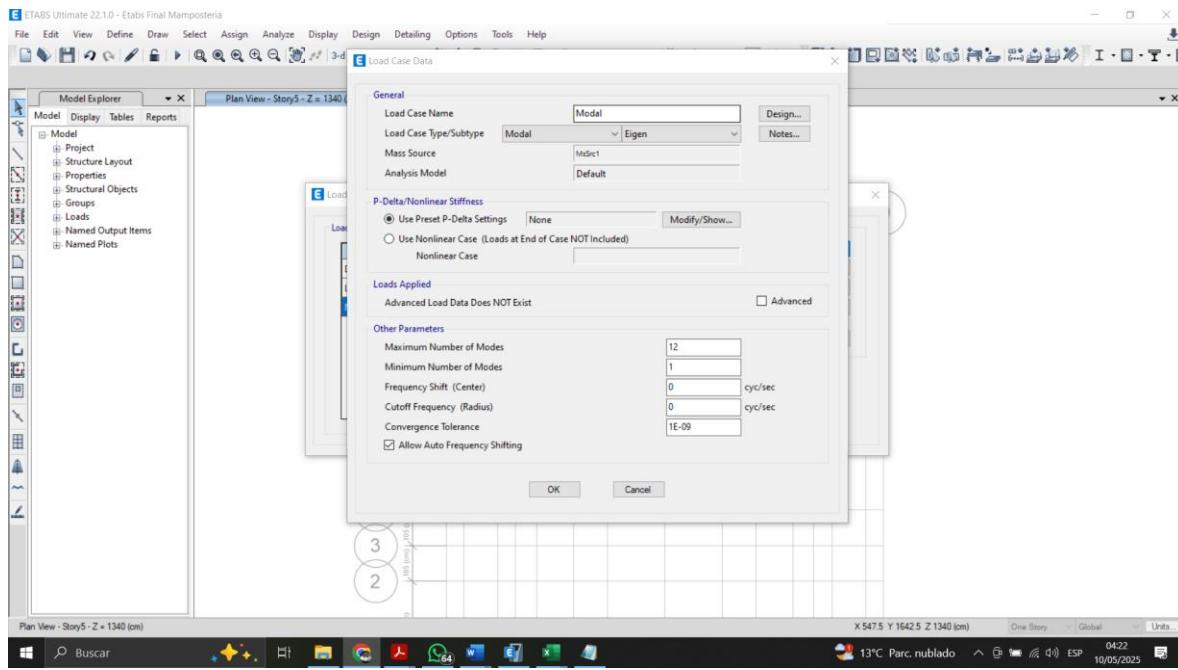
TABLA 2.4 ESPESOR EQUIVALENTE ( $t_e$ ) PARA BLOQUES DE HORMIGÓN		
ESPACIAMIENTO DE CÁMARA LLENAS DE CONCRETO	ESPESORES EQUIVALENTES	
	Bloques de Hormigón 8" = 20 cm	Bloques de Hormigón 6" = 15 cm
@ 0.20 m	7.60" = 19.30 cm	5.60" = 14.22 cm
@ 0.40 m	5.80" = 14.73 cm	4.50" = 11.43 cm
@ 0.60 m	5.20" = 13.21 cm	4.10" = 10.42 cm
@ 0.80 m	4.90" = 12.45 cm	4.00" = 7.87 cm



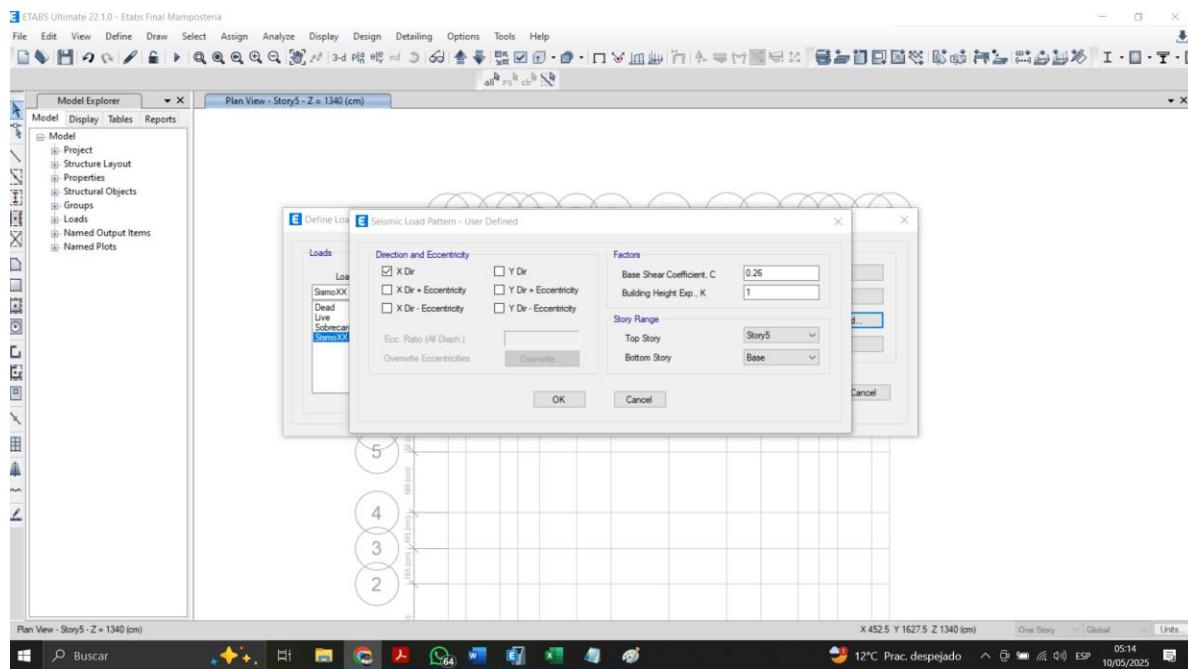
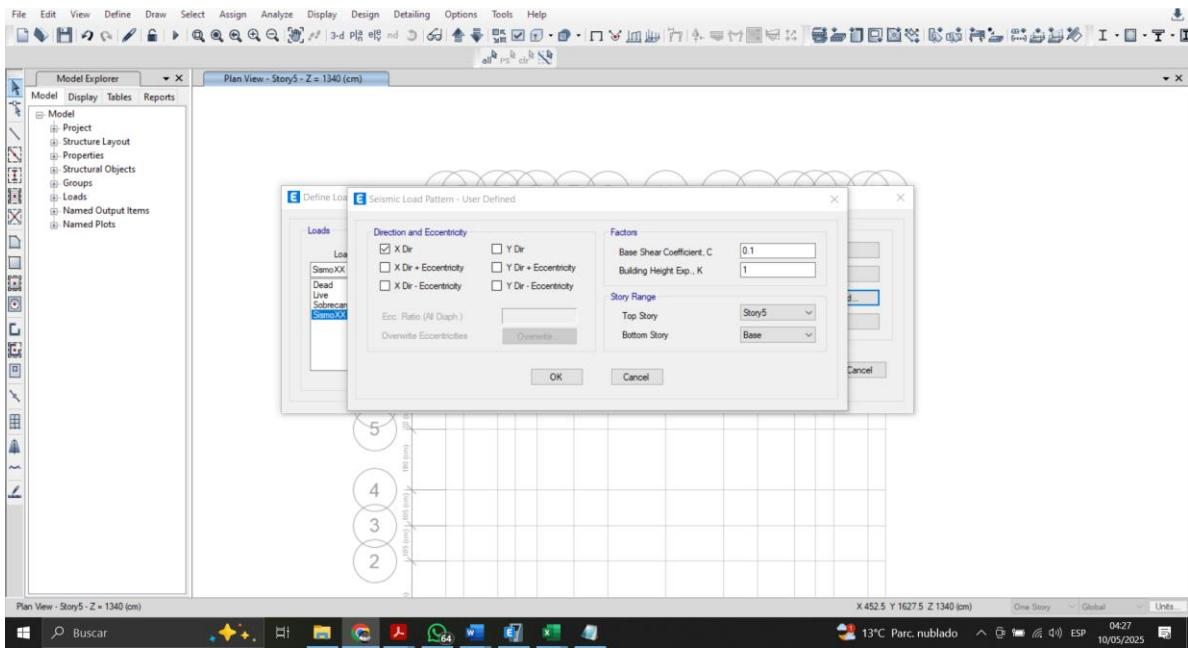
## MURO DE 19

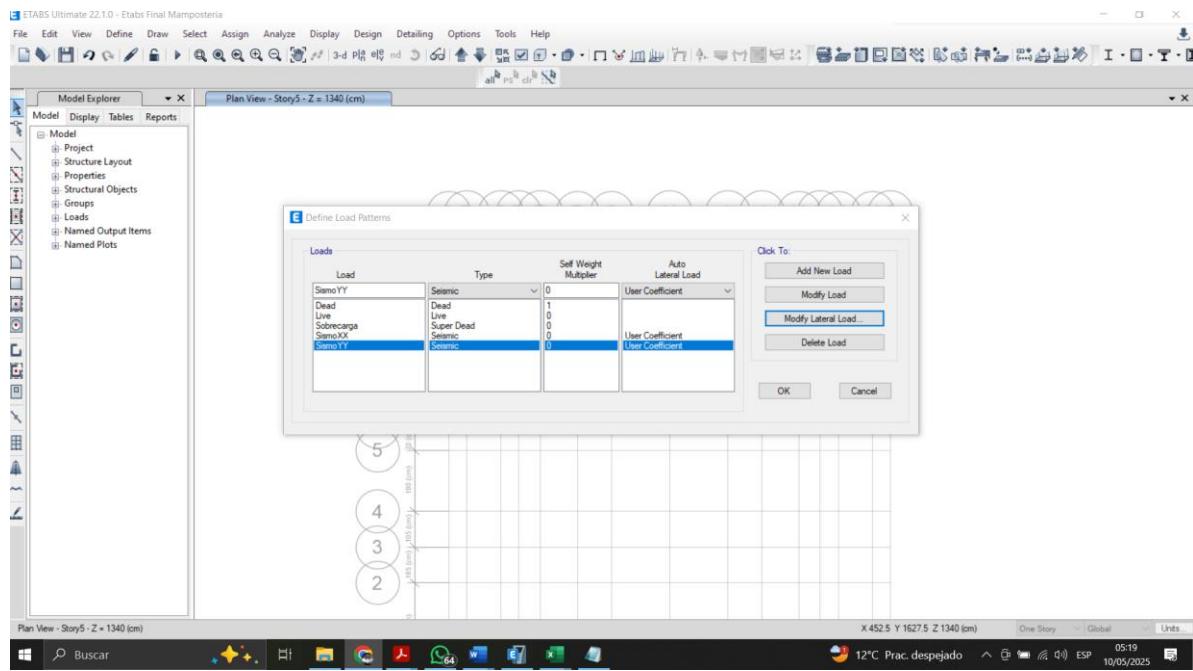


## DEFINIENDO CASO MODAL

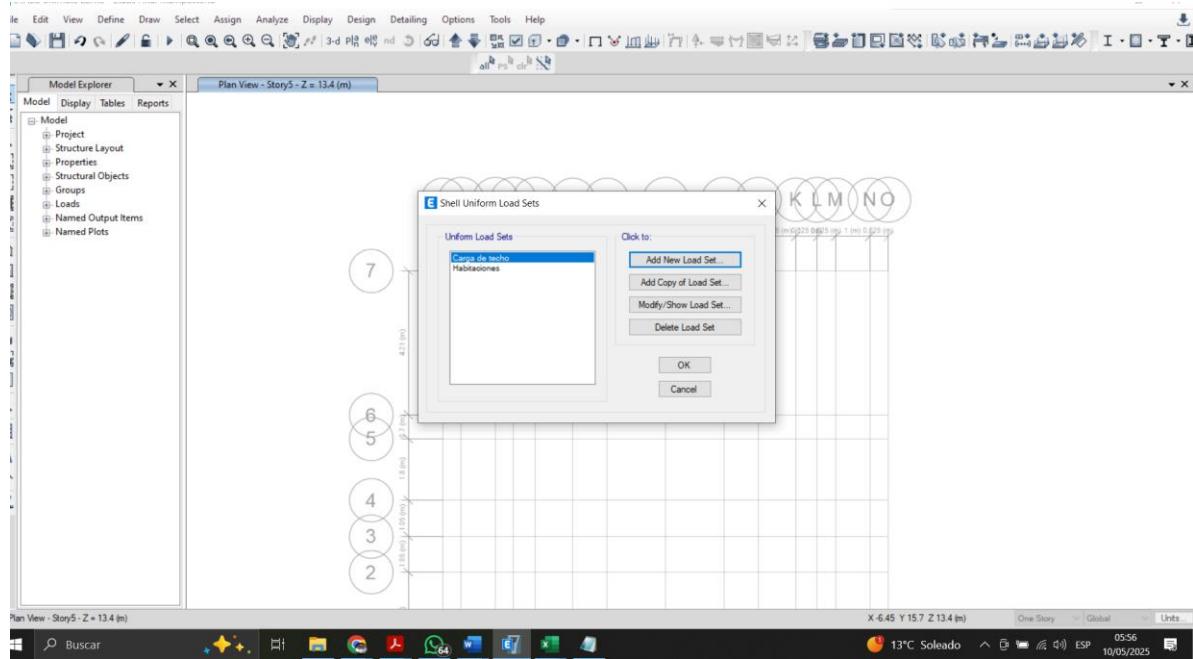


## DEFINIENDO CASOS DE CARGA

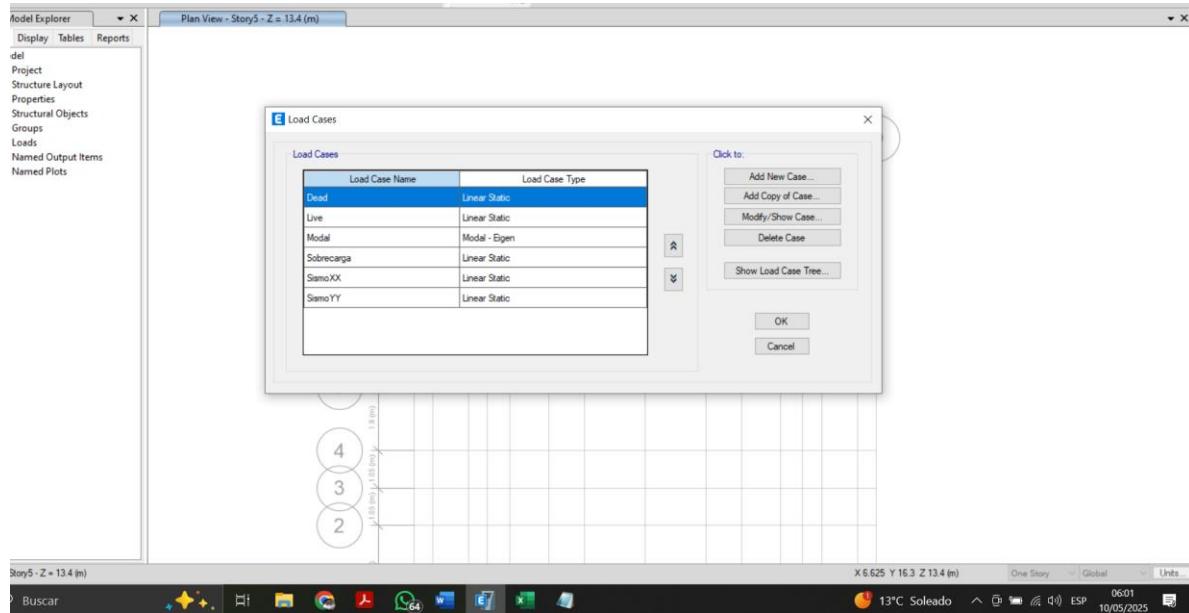




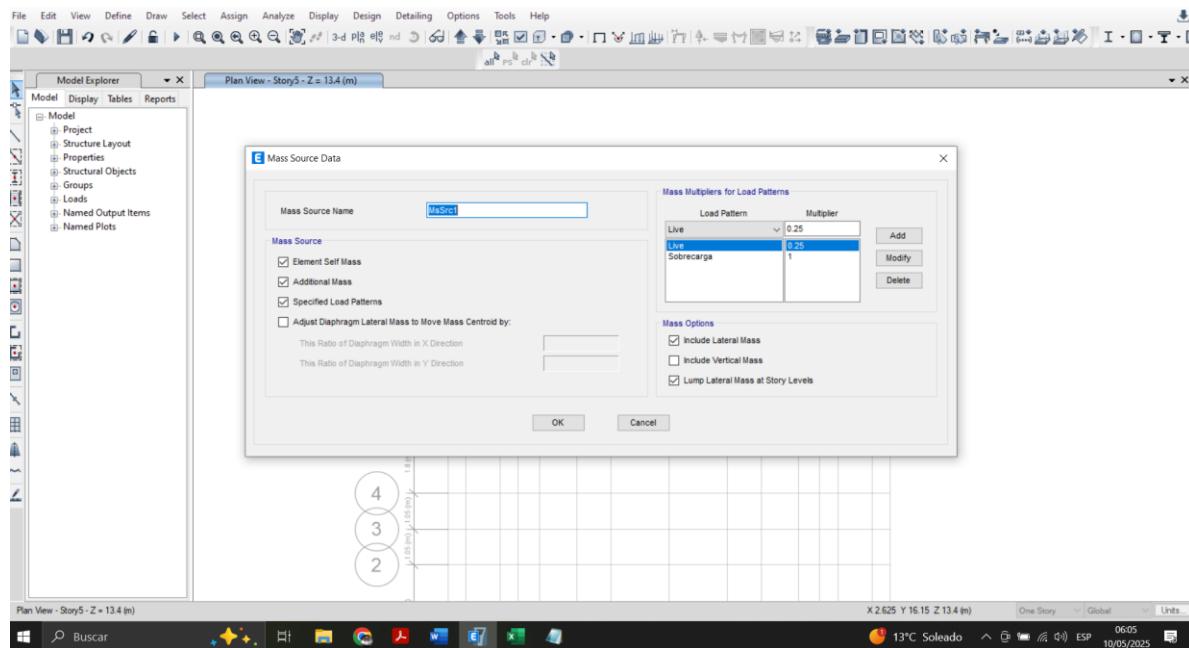
## DEFINIENDO CARGAS



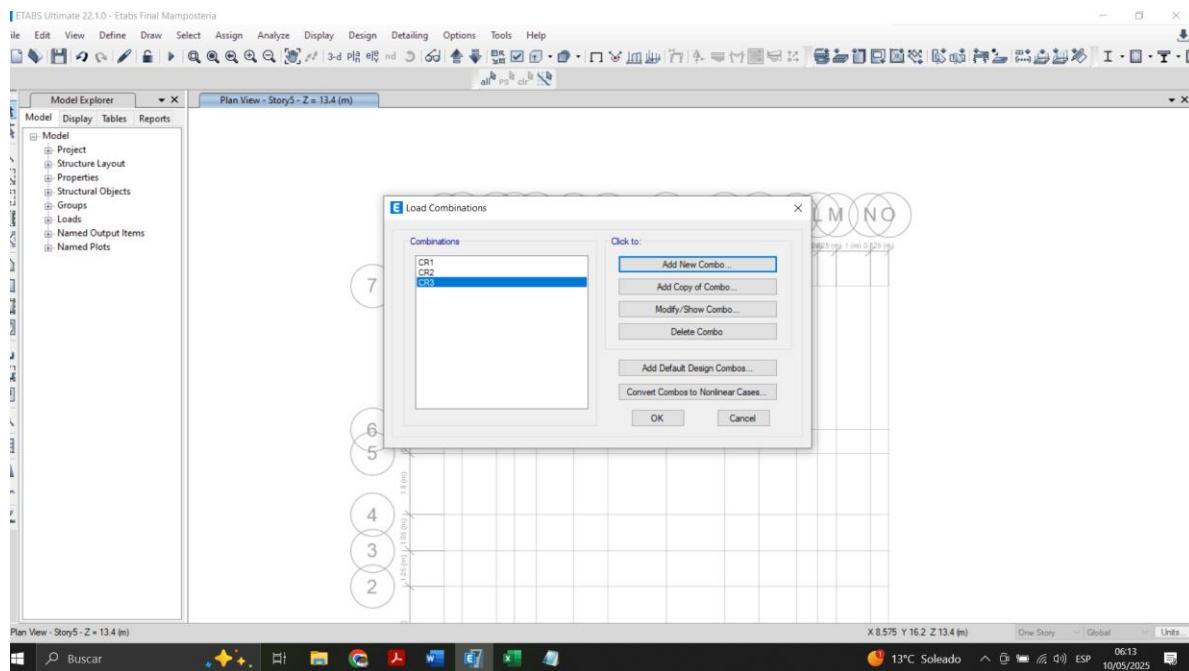
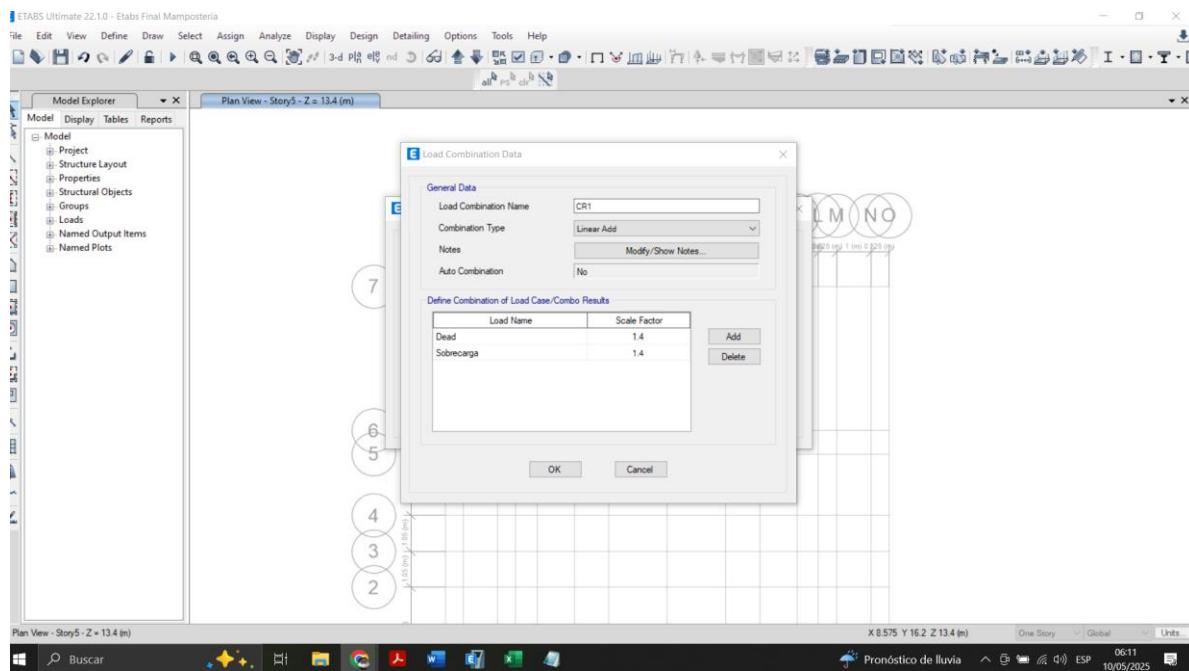
## CASOS DE CARGA

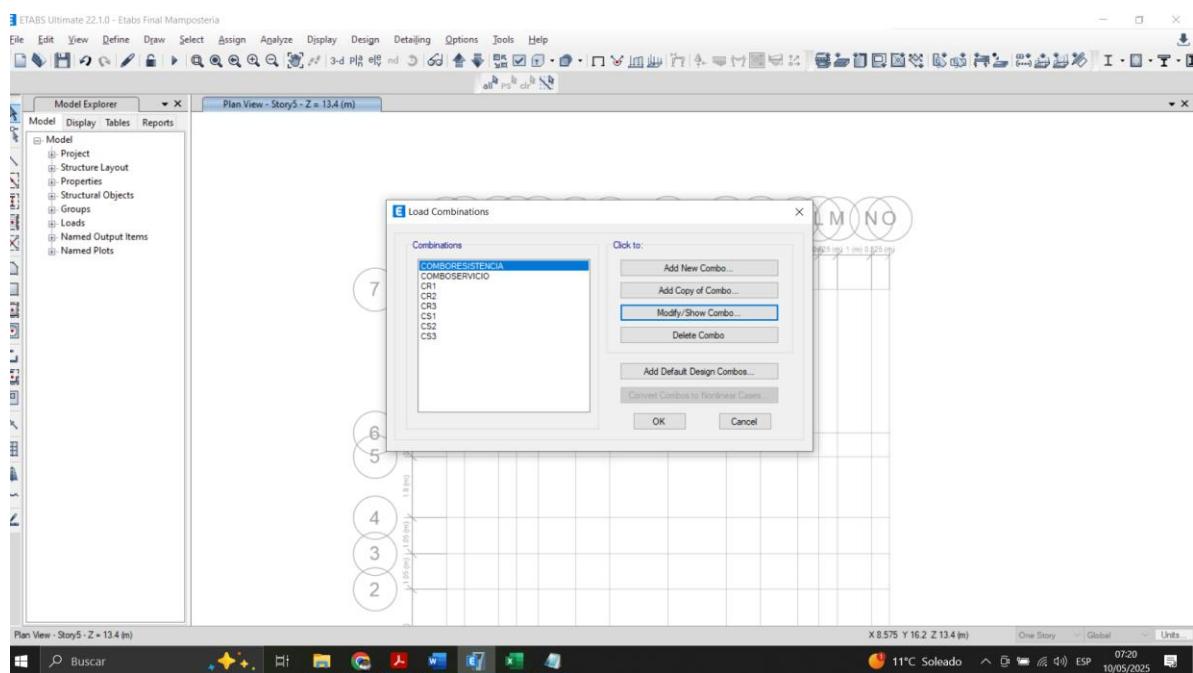
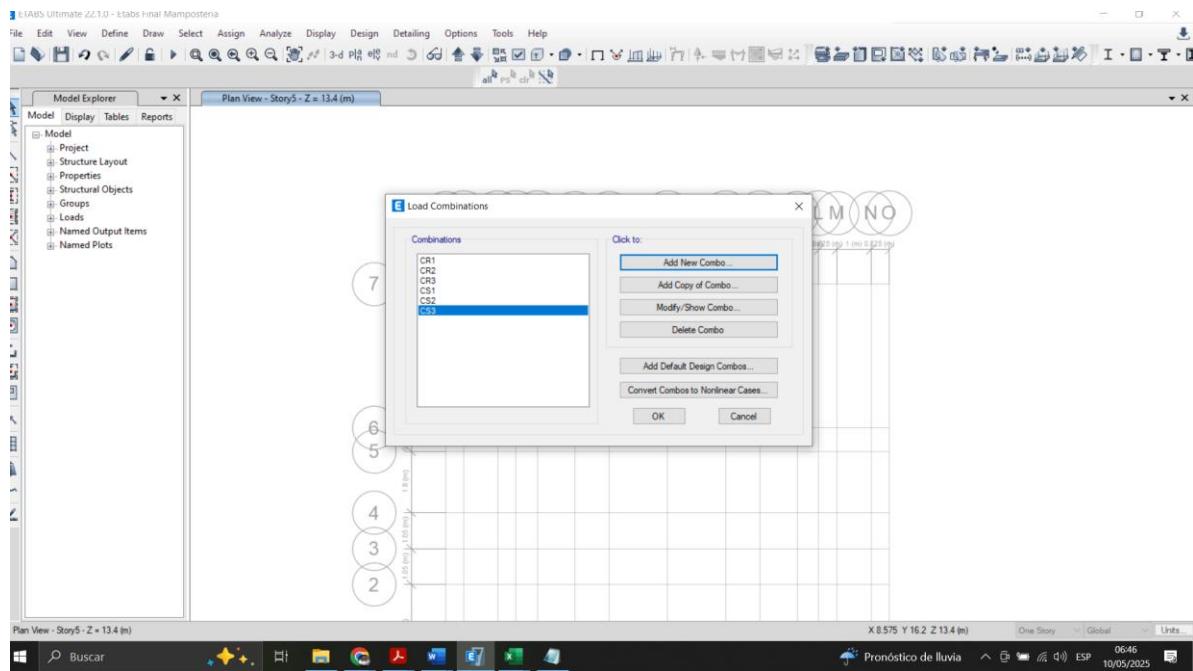


## FUENTE DE MASA

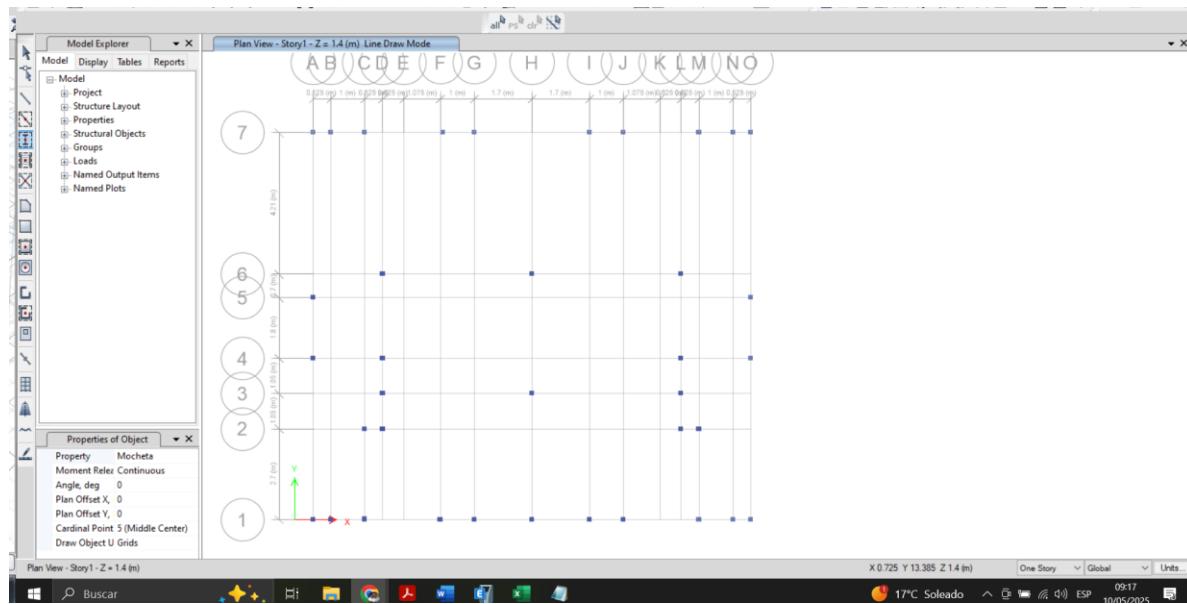


## DEFINIR COMBINACIONES DE CARGA

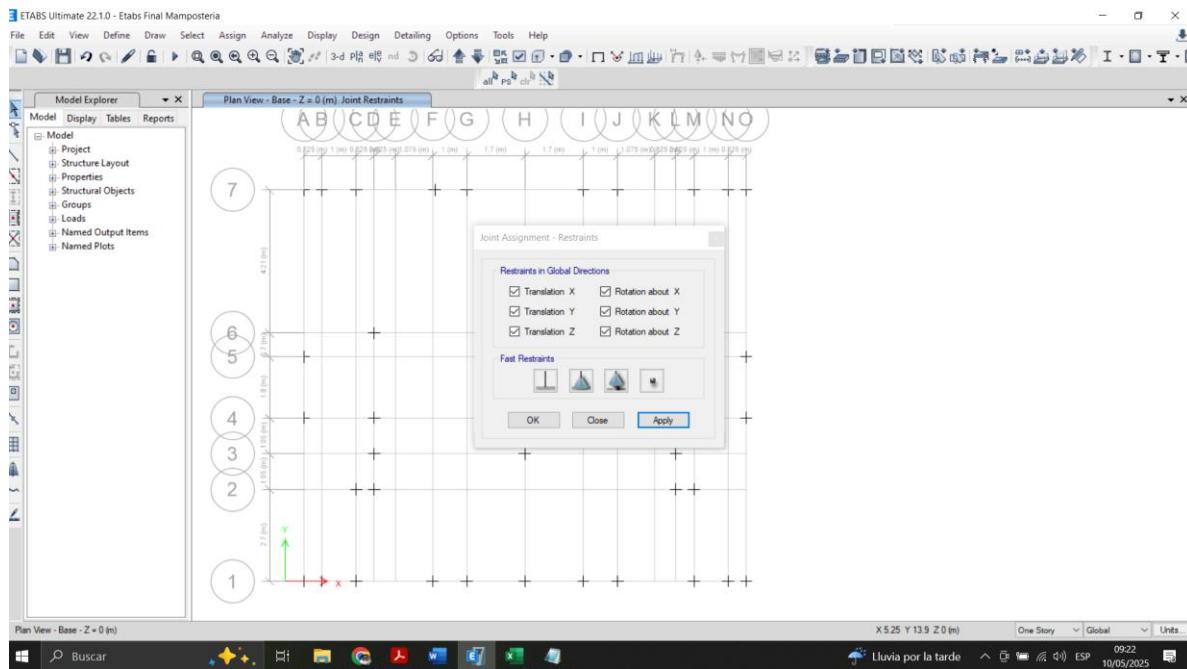




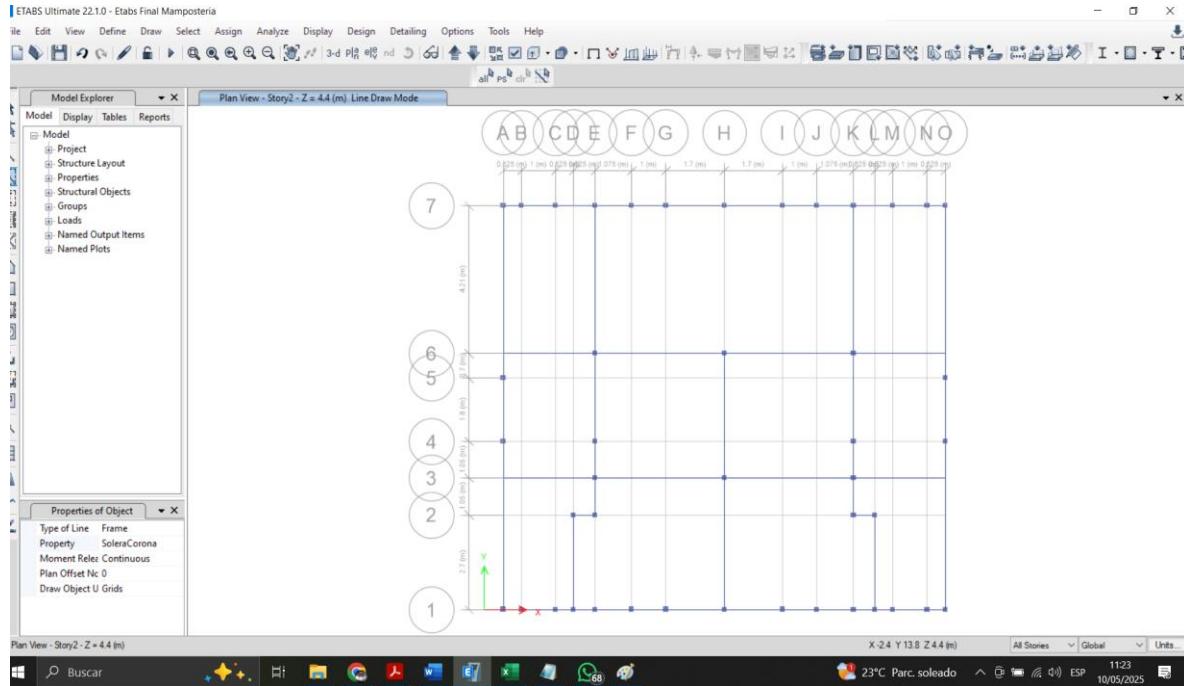
## ASIGNANDO MOCHETAS



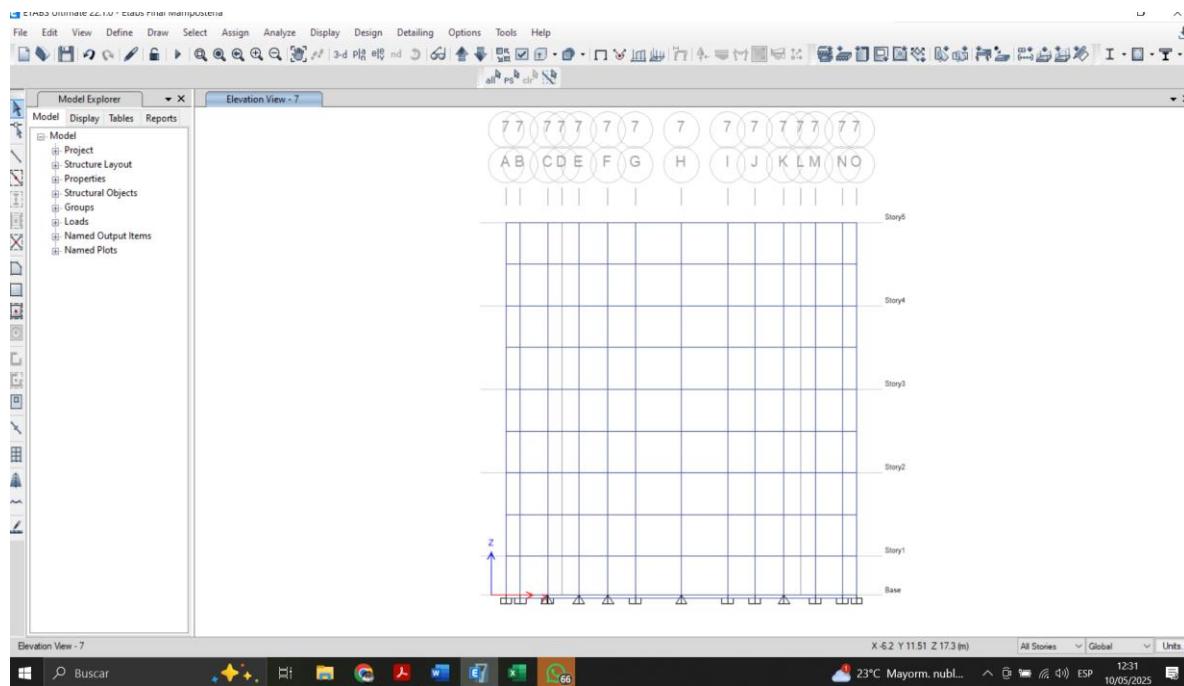
## Asignando Empotramiento

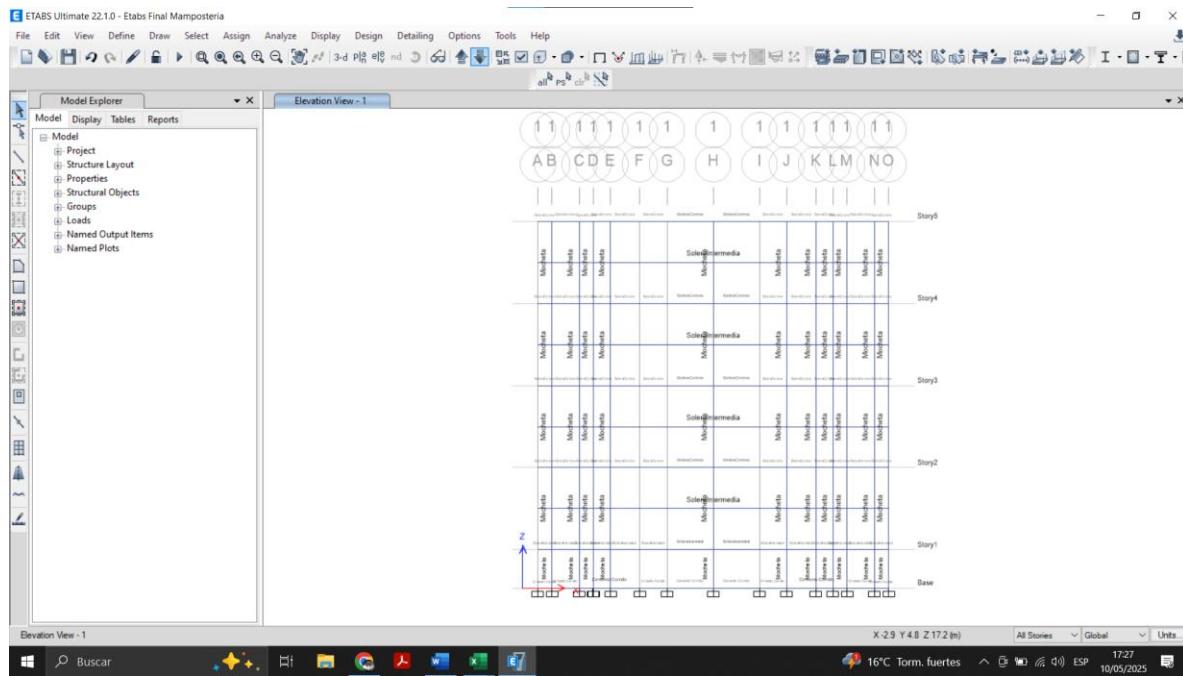


## COLOCANDO SOLERAS DE CORONA

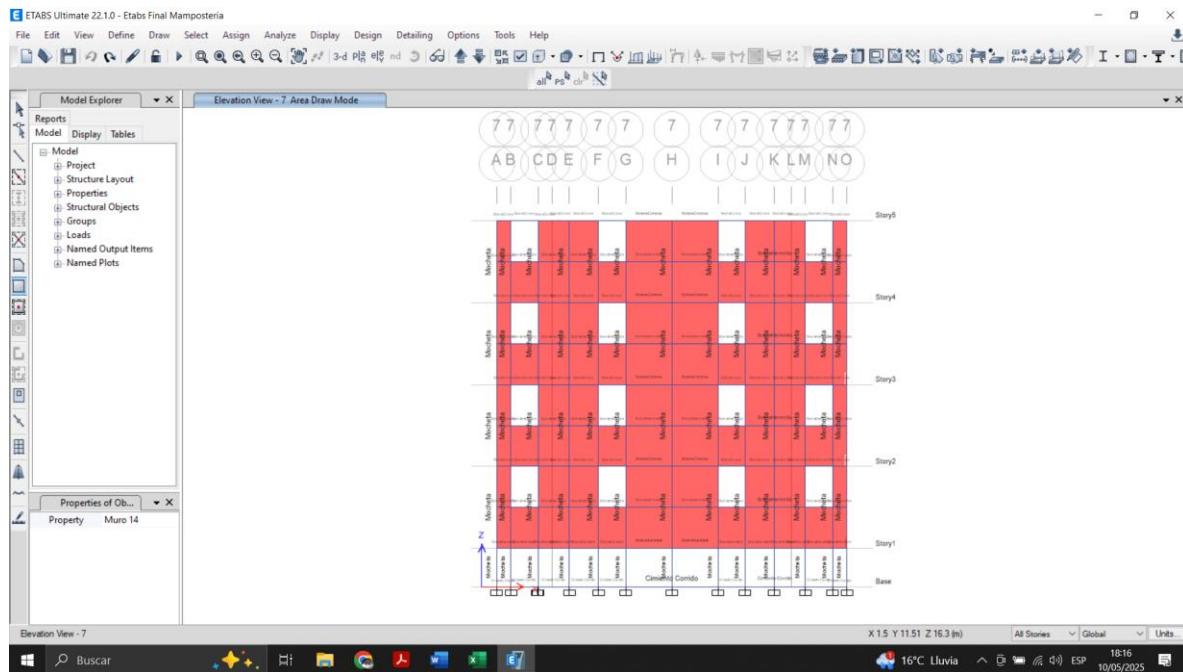


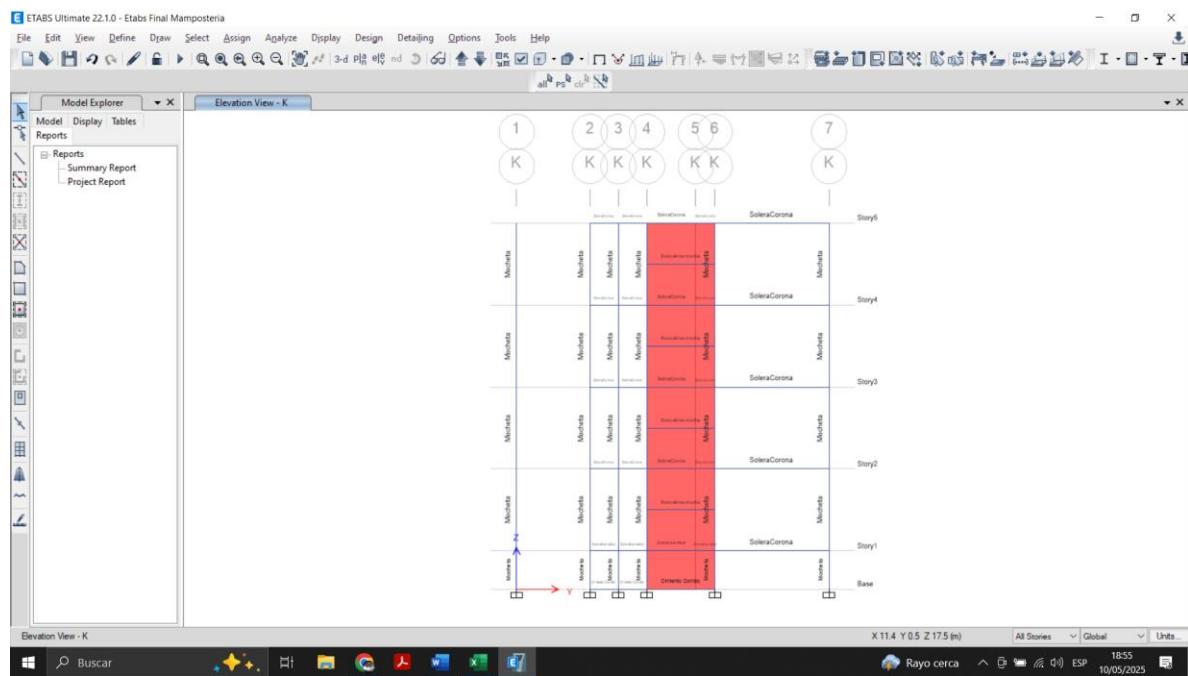
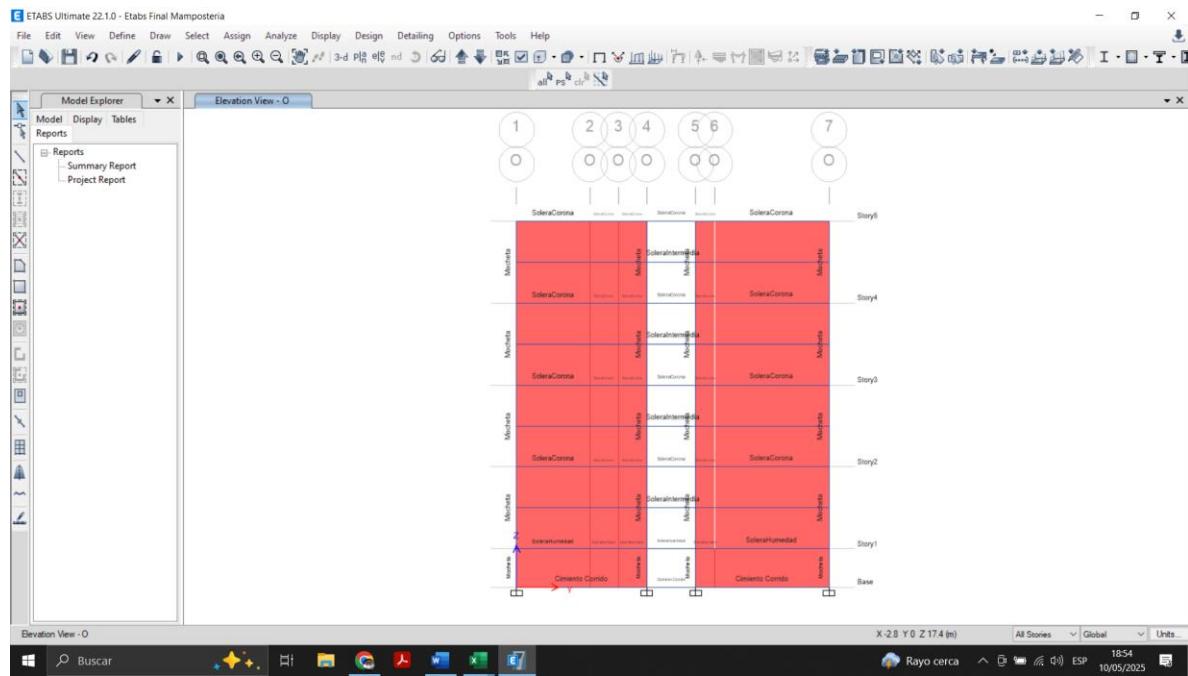
## SOLERA INTERMEDIA





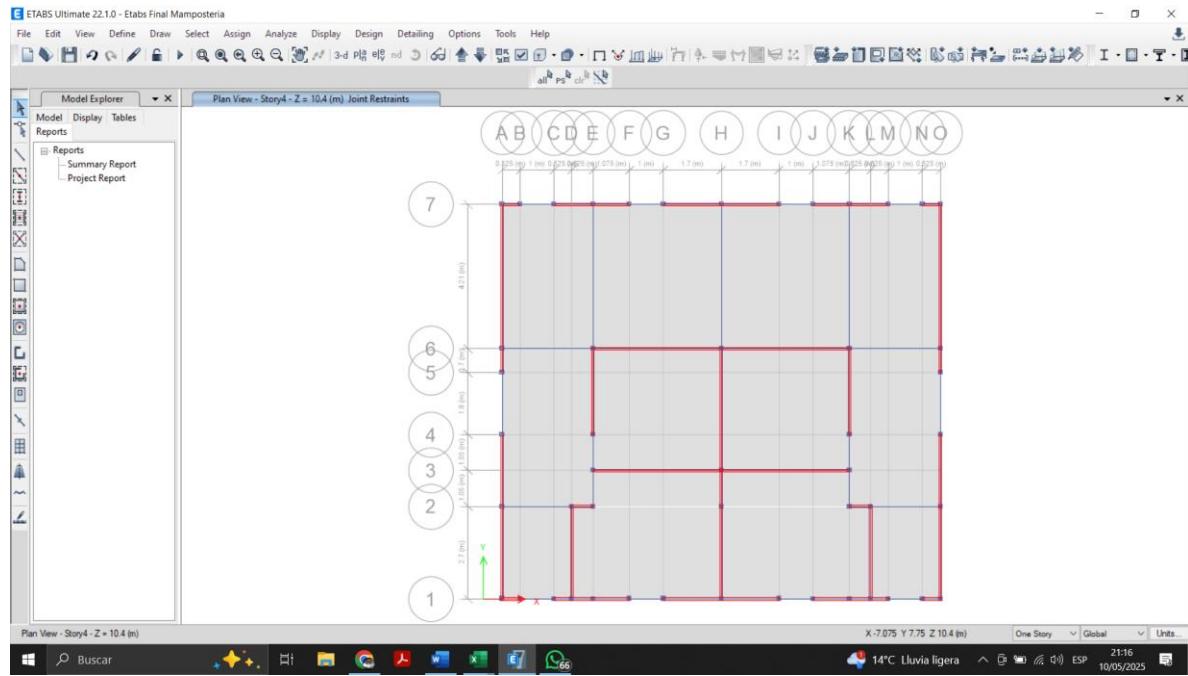
## ASIGNANDO MUROS



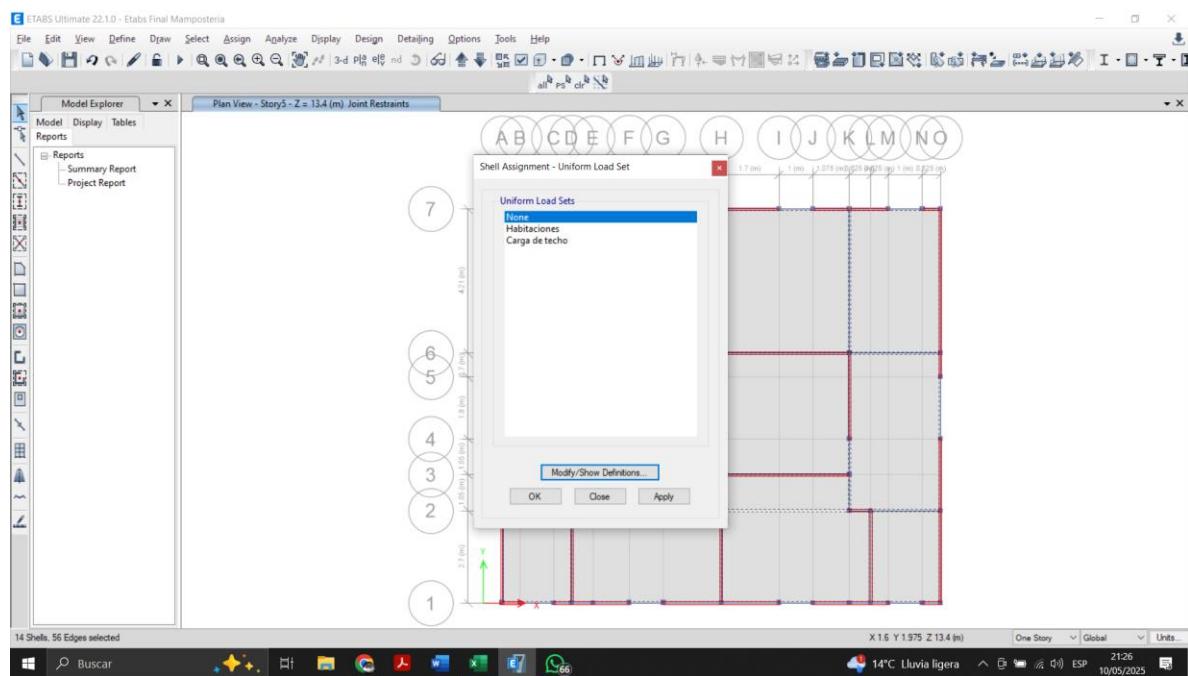


## COLOCANDO LOSAS

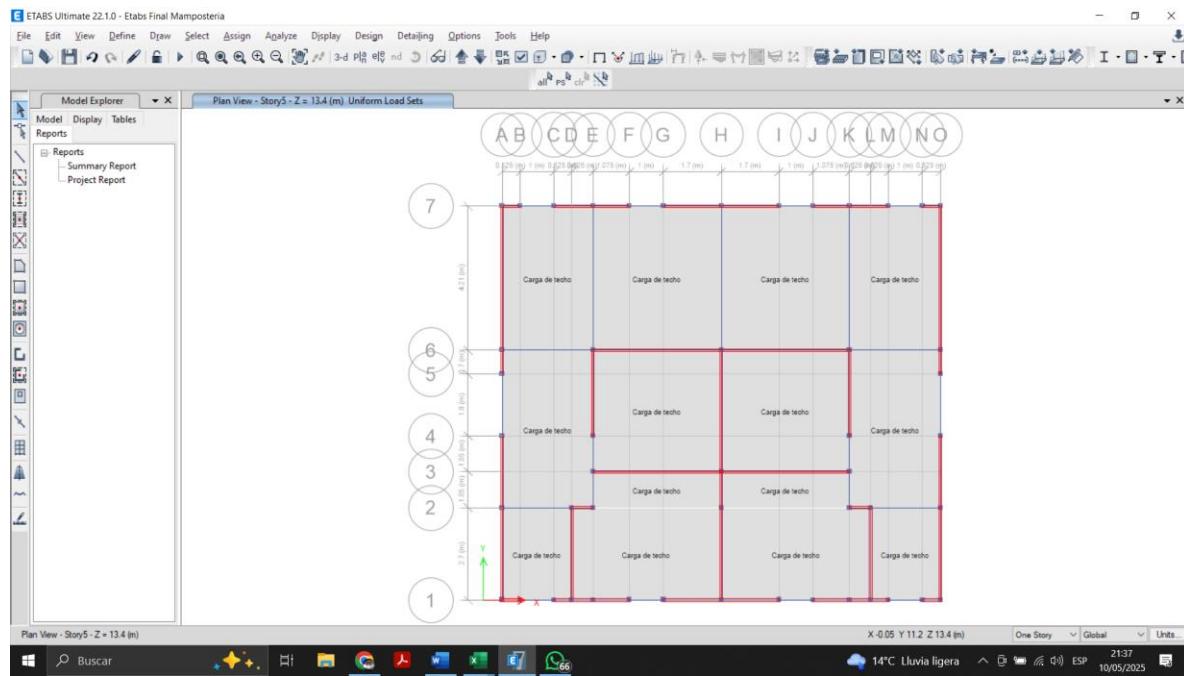
## TODOS LOS NIVELES



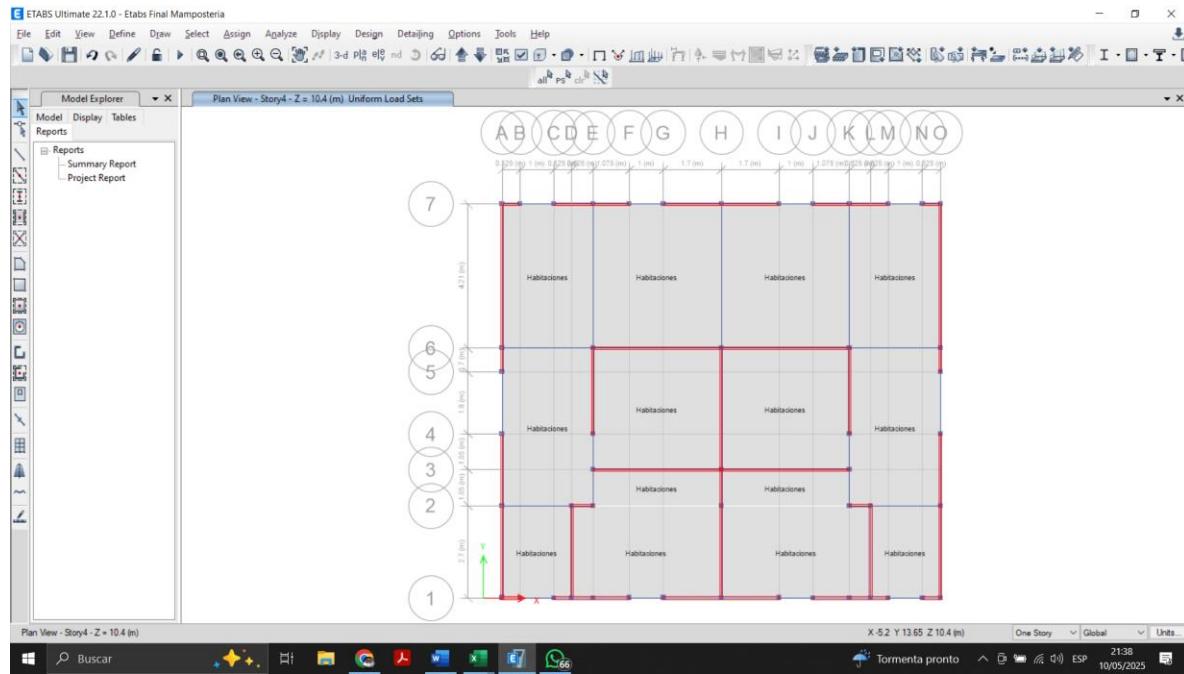
## ASIGNAR CARGAS SOBRE LOSA



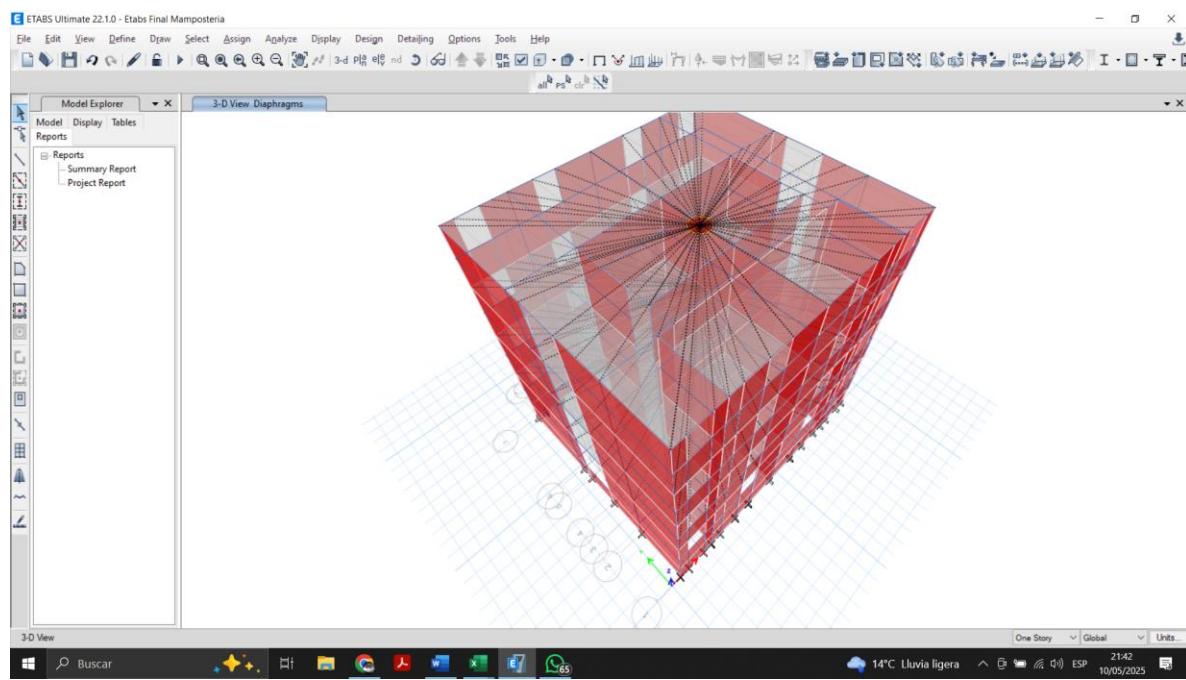
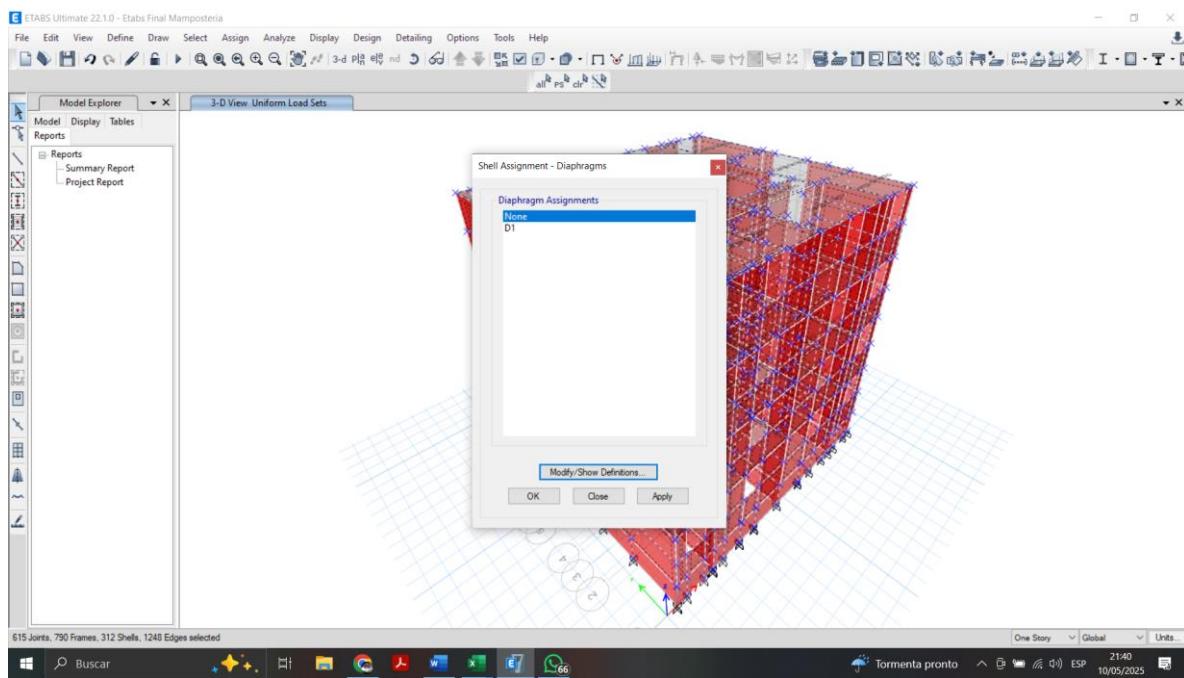
## CARGA VIVA DE TECHO



## CARGA VIVA DE HABITACIONES

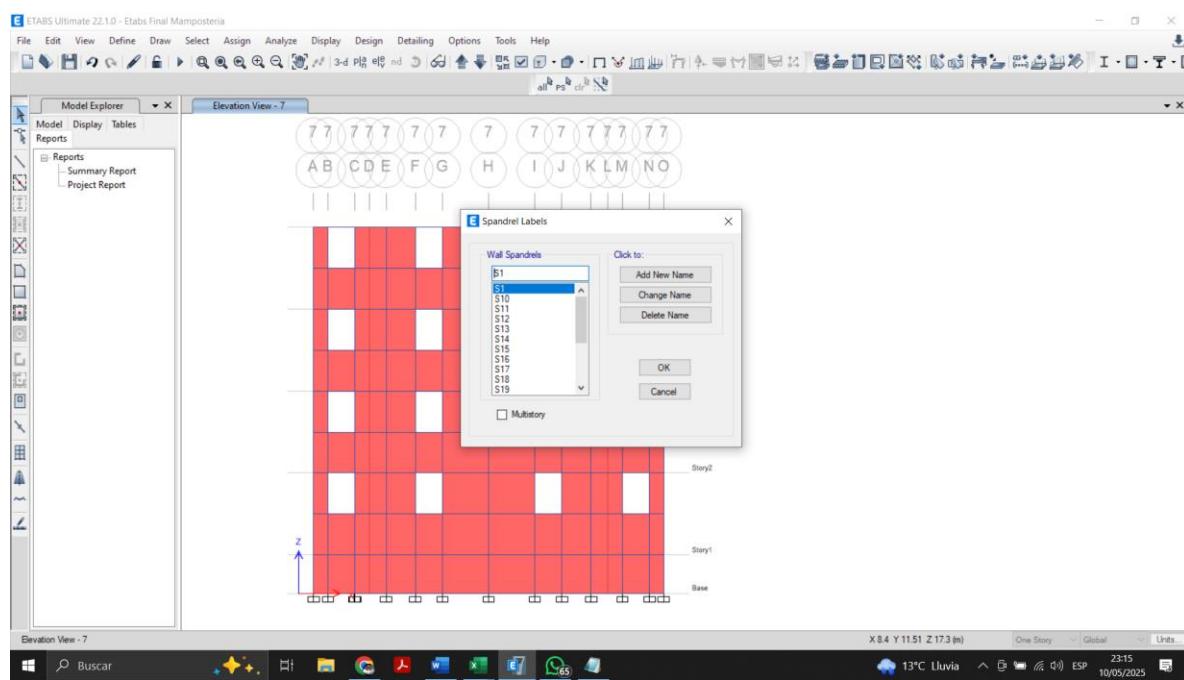
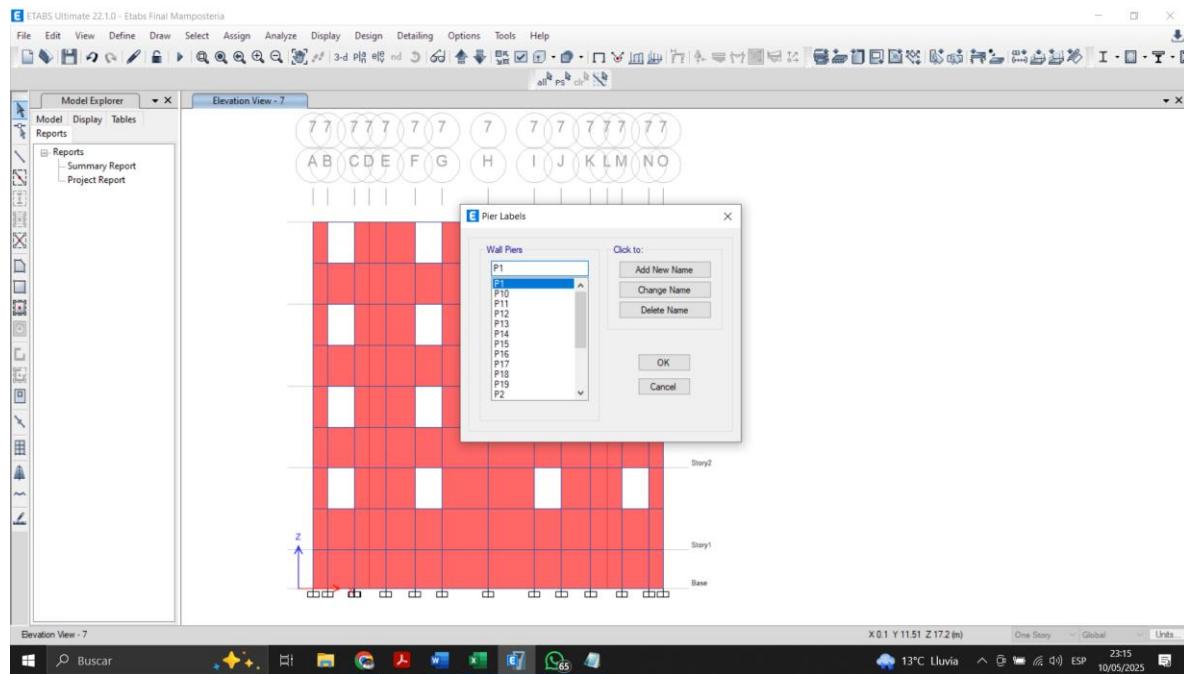


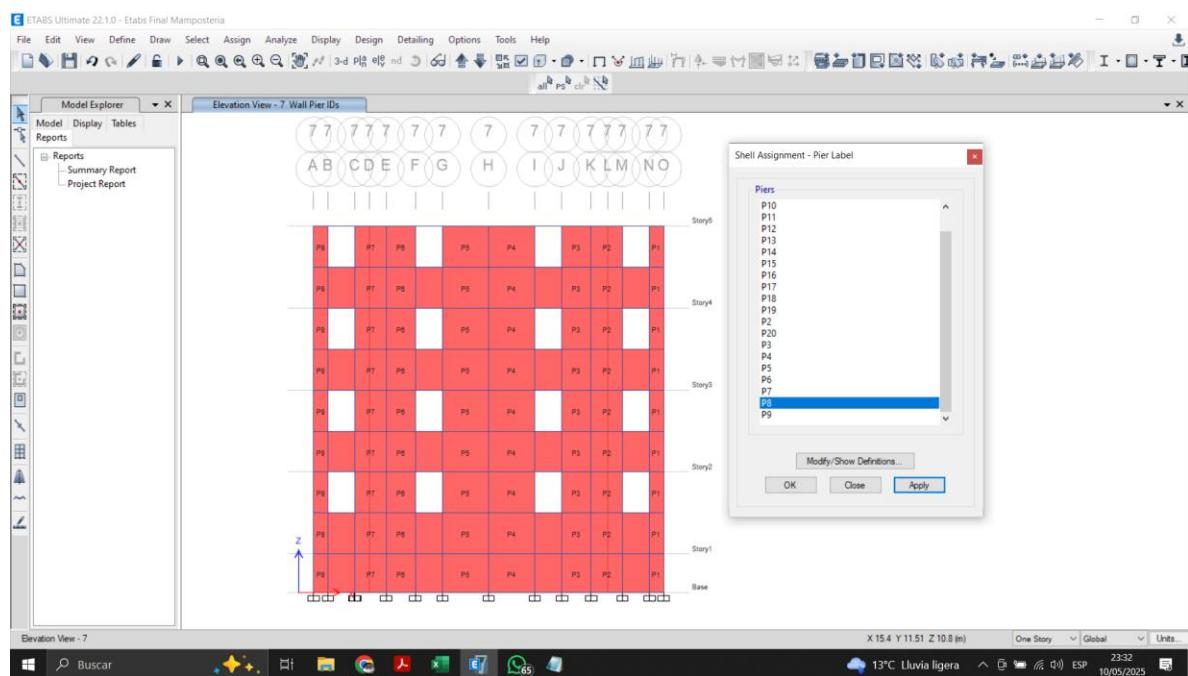
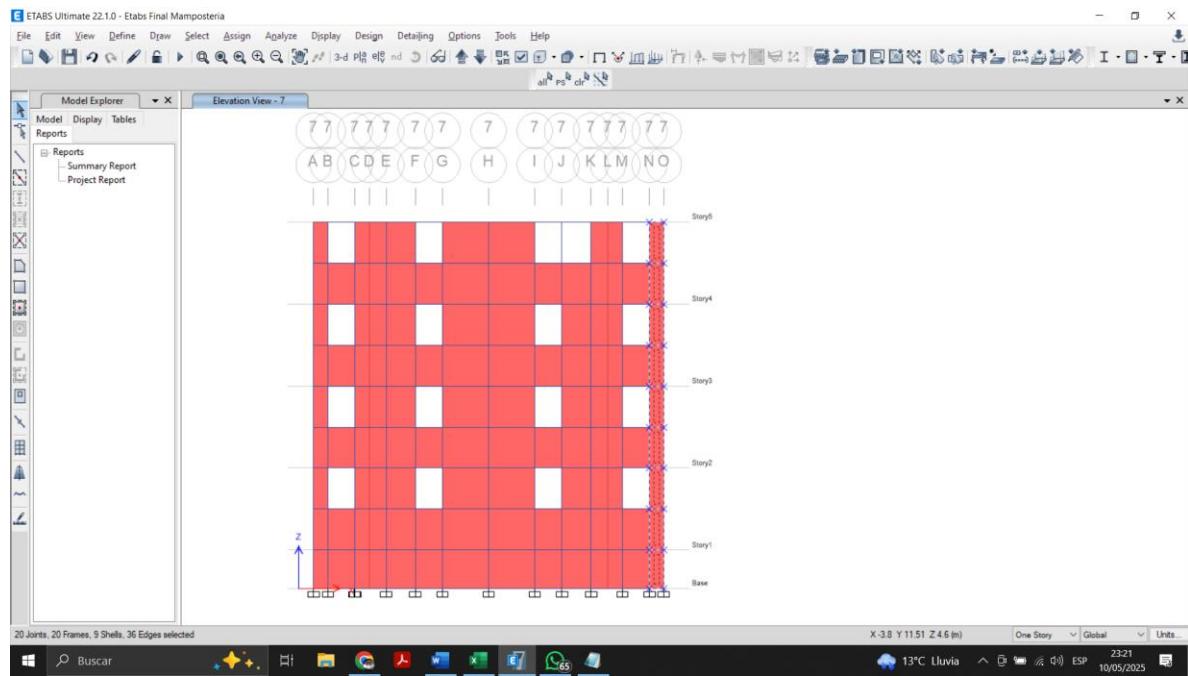
## ASINGANDO DIAFRAGMA

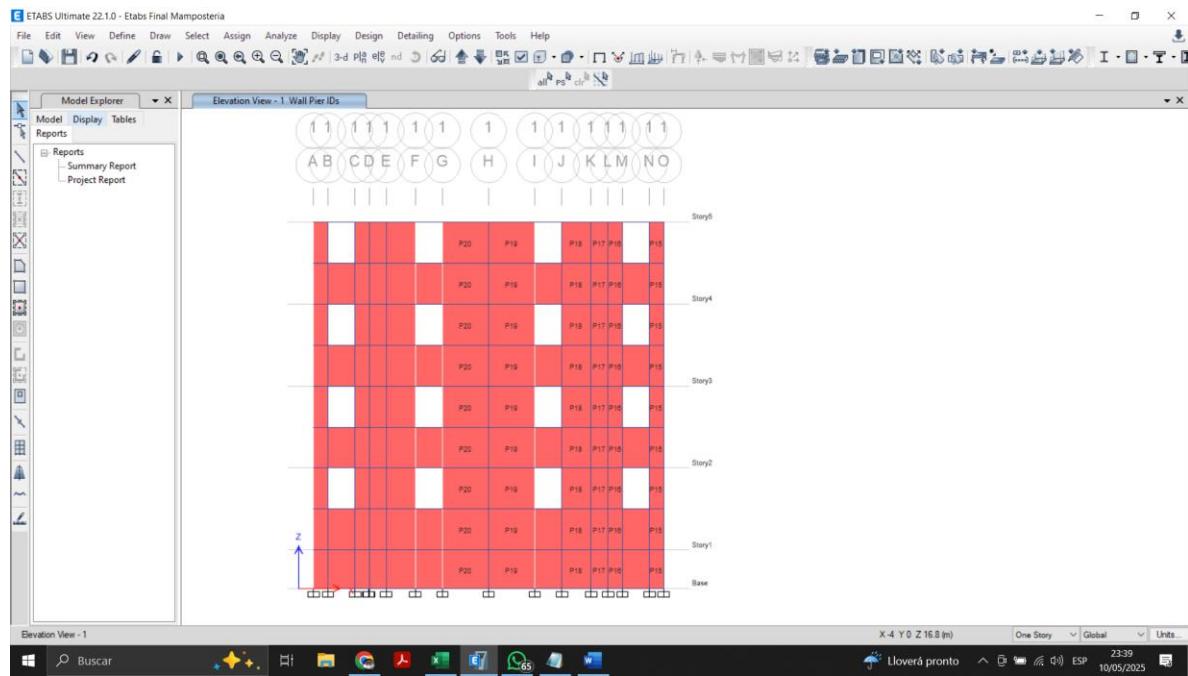


## ASIGNAR PIER LABELS

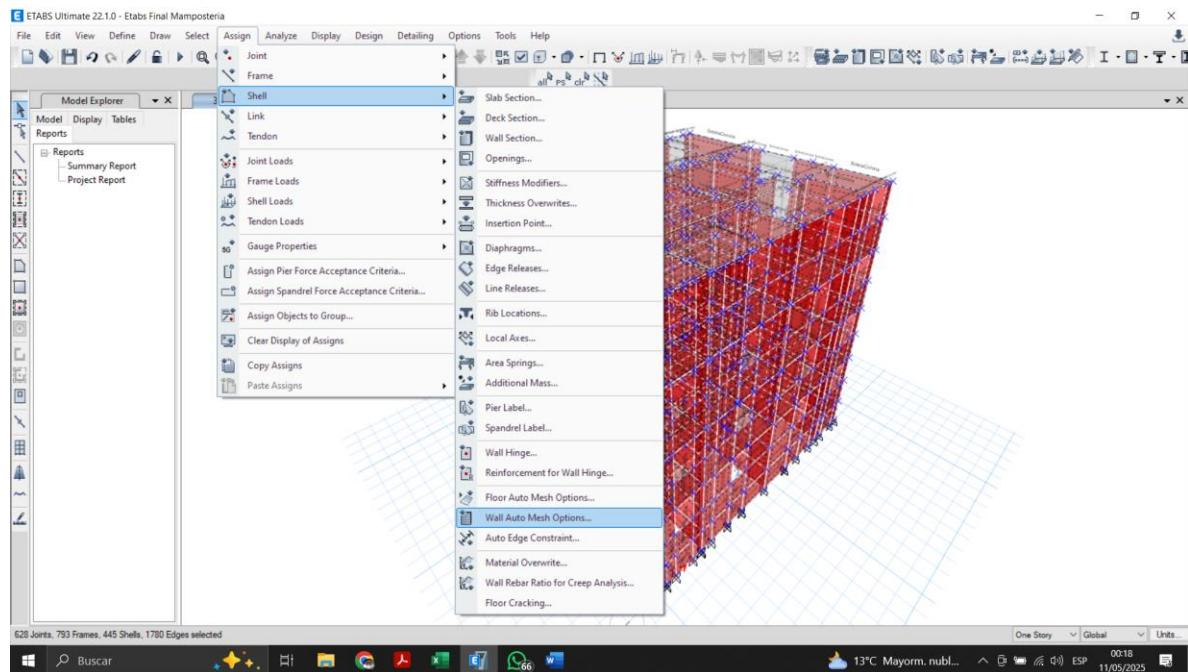
## PIER COLUMNAS SPRANDEL VIGA

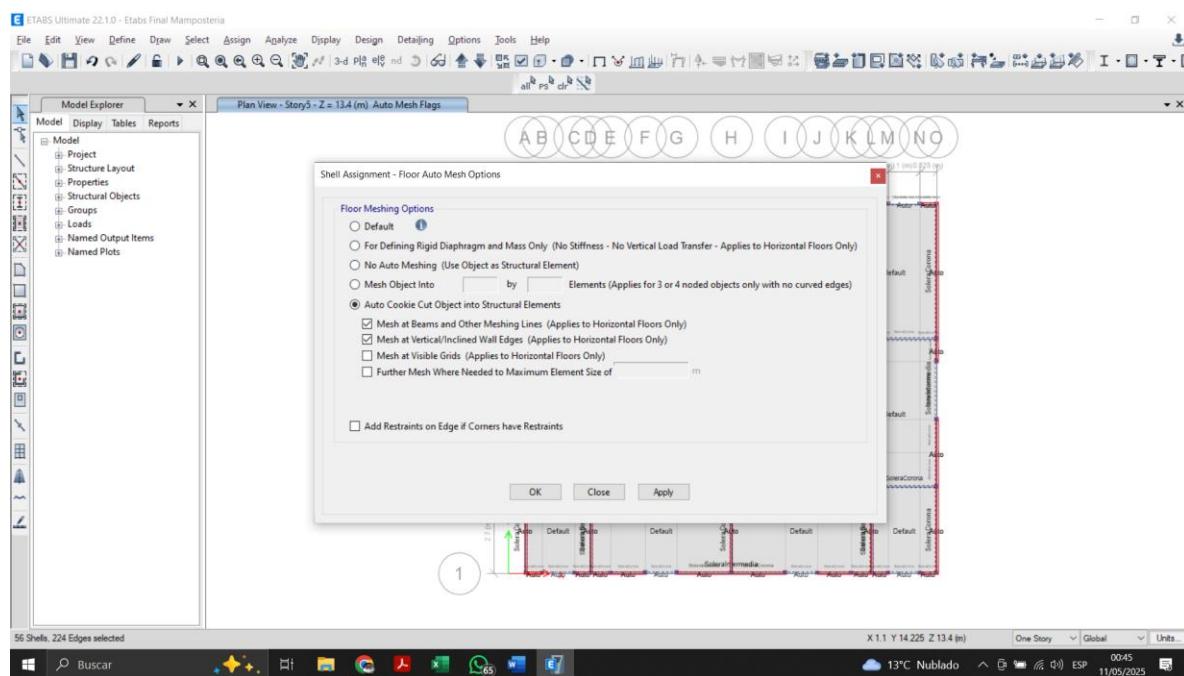
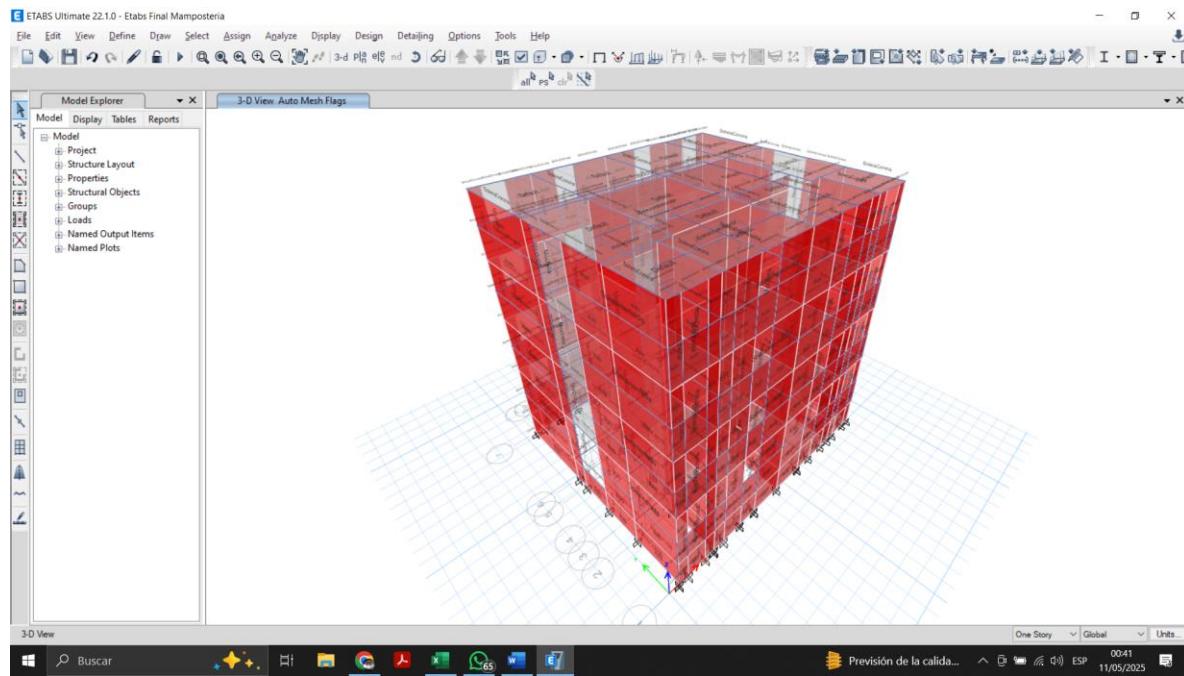




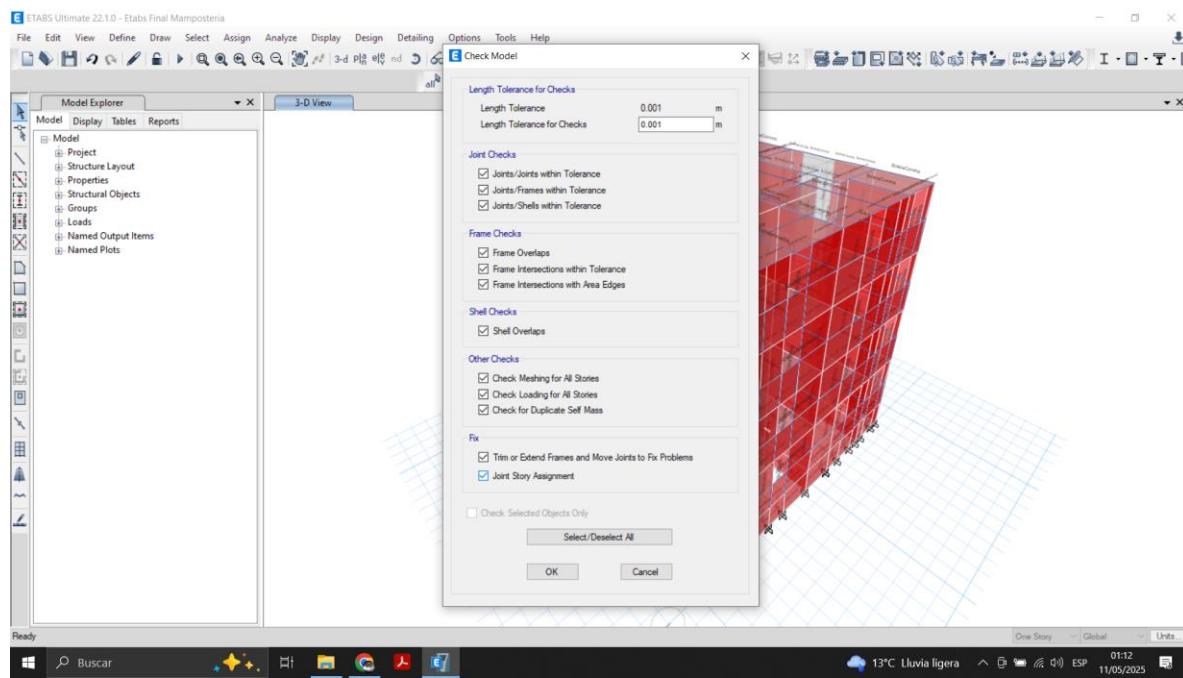


## AGREGANDO AUTOMESH

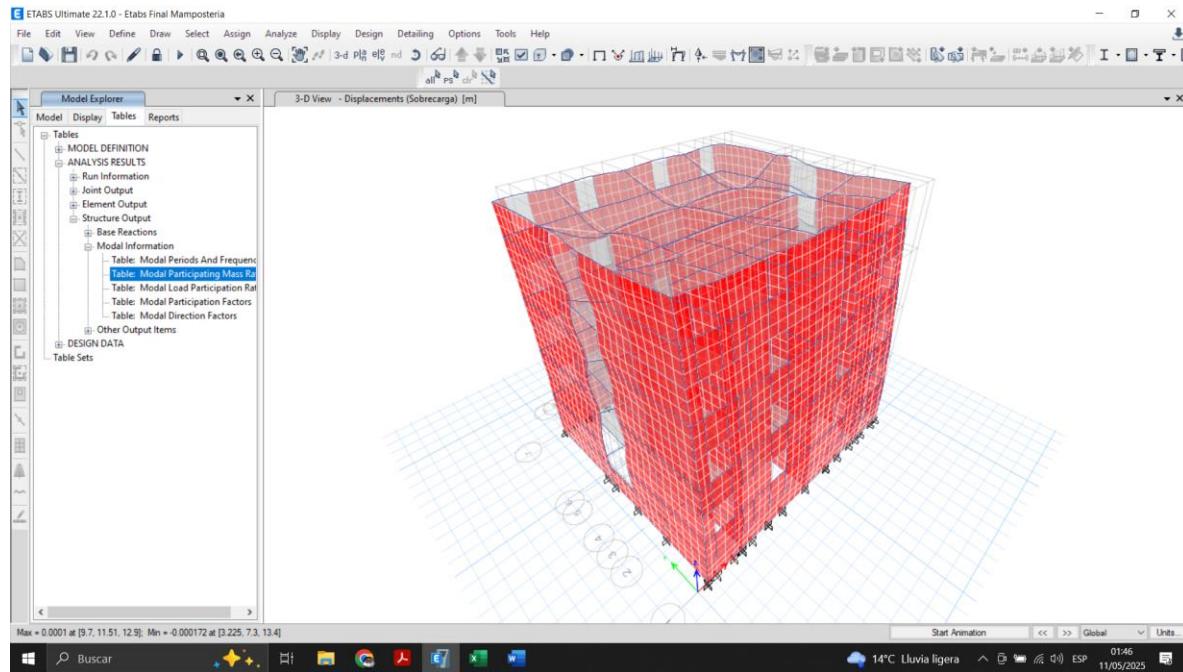




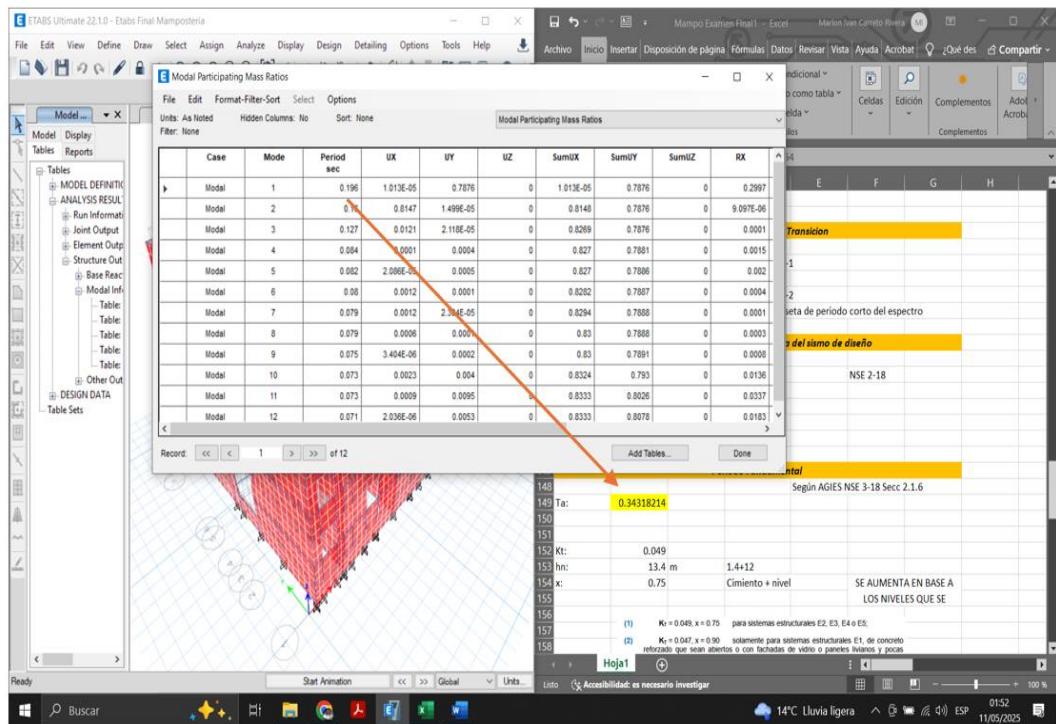
## ANALIZANDOLO



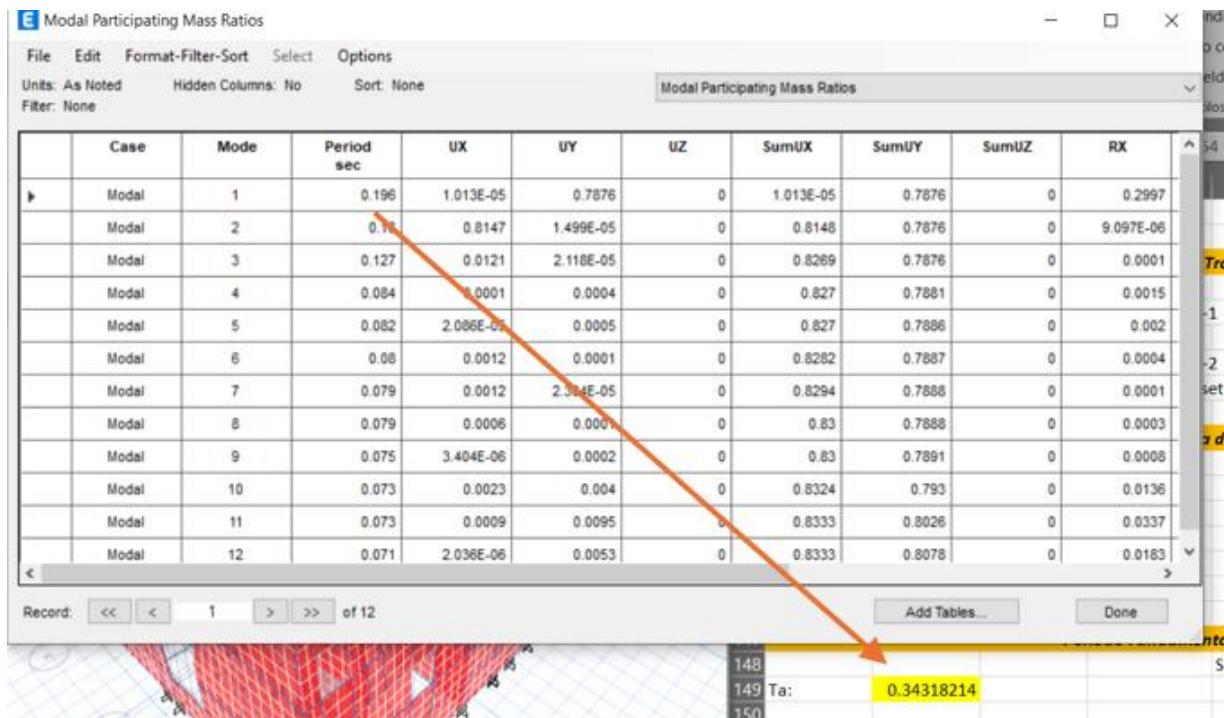
## CORRIENDO EL PROGRAMA



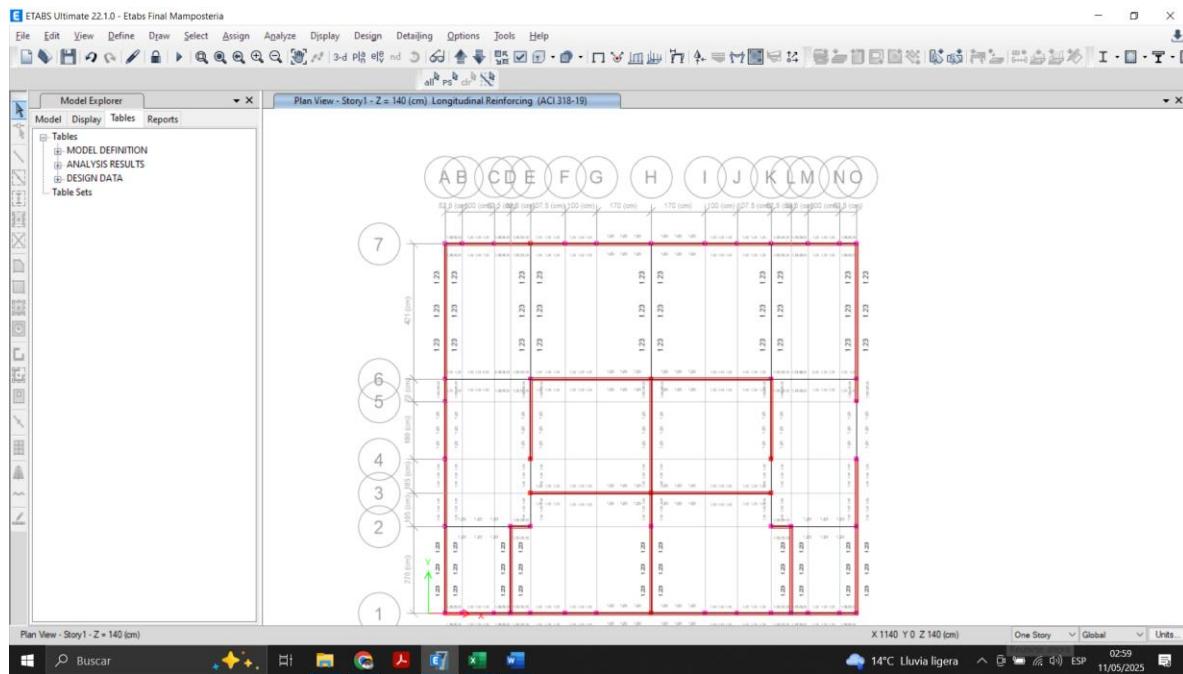
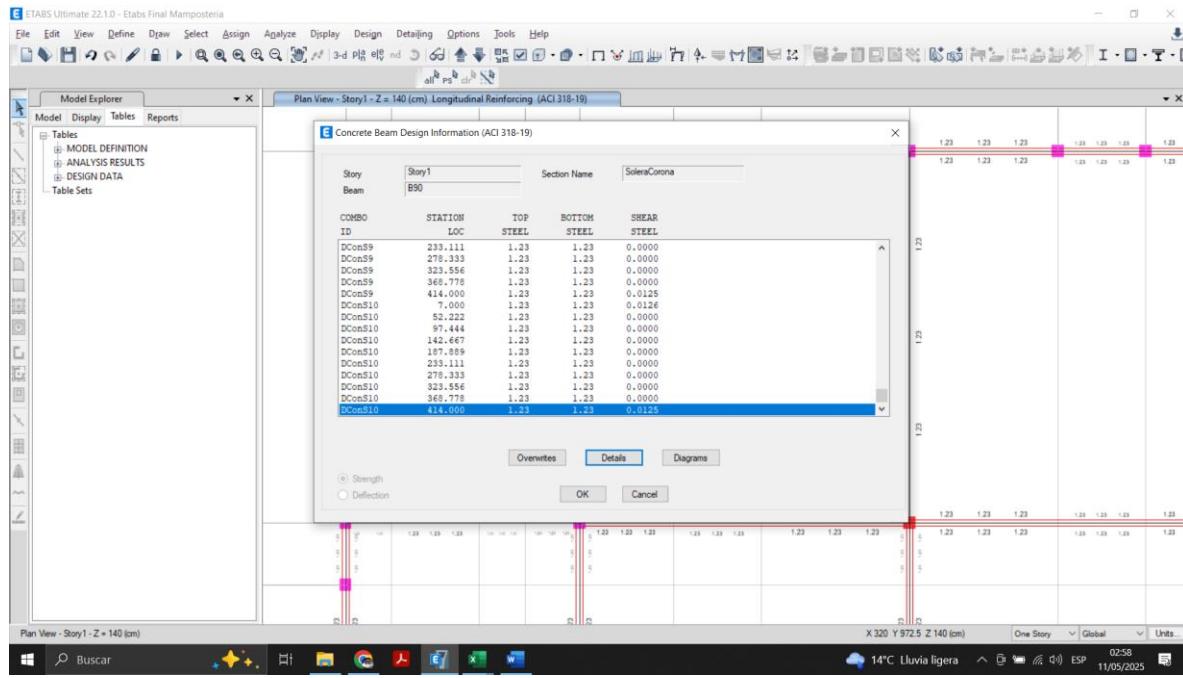
## Chequeando el Periodo

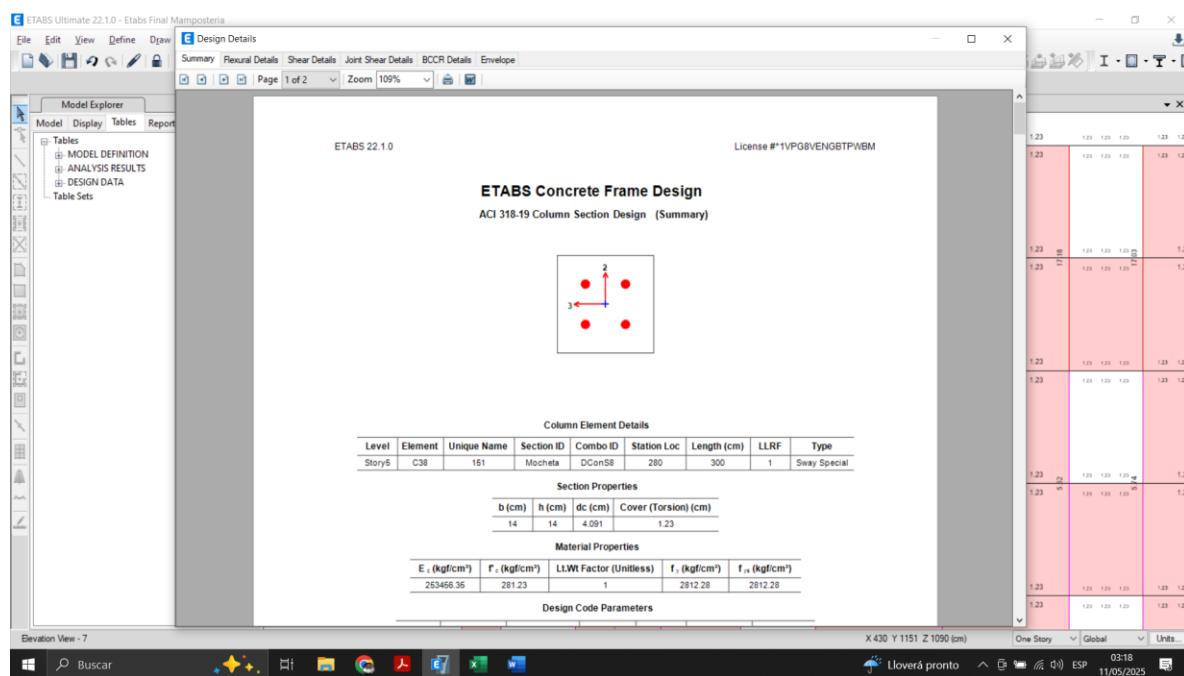
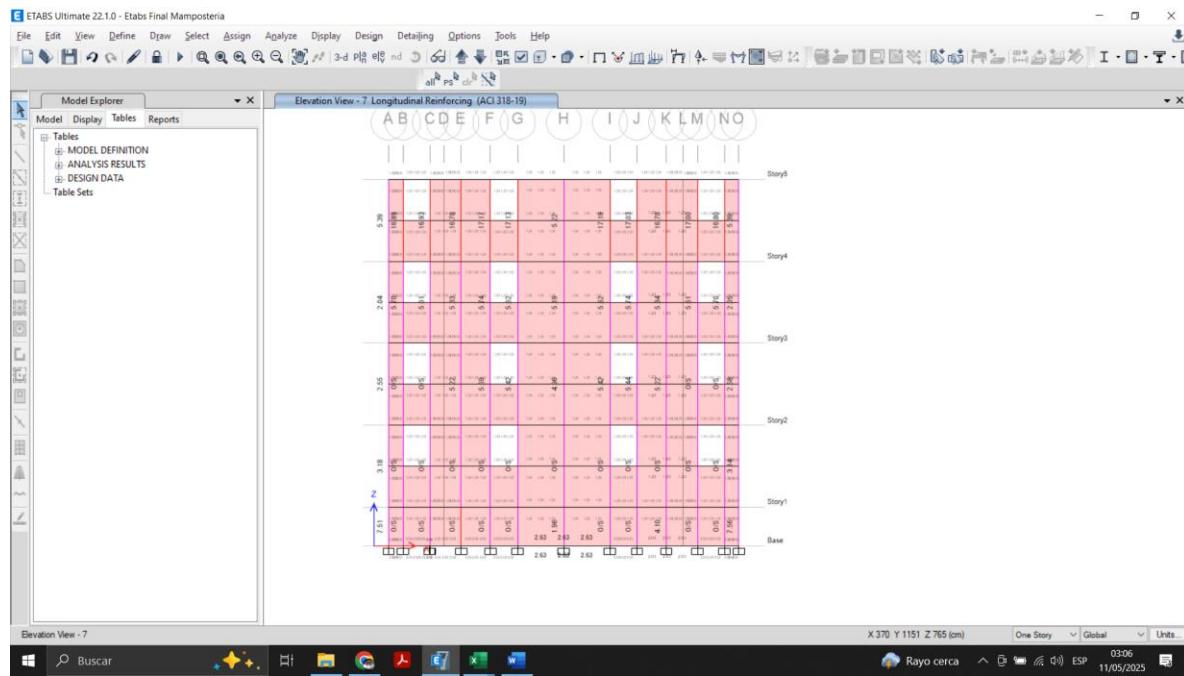


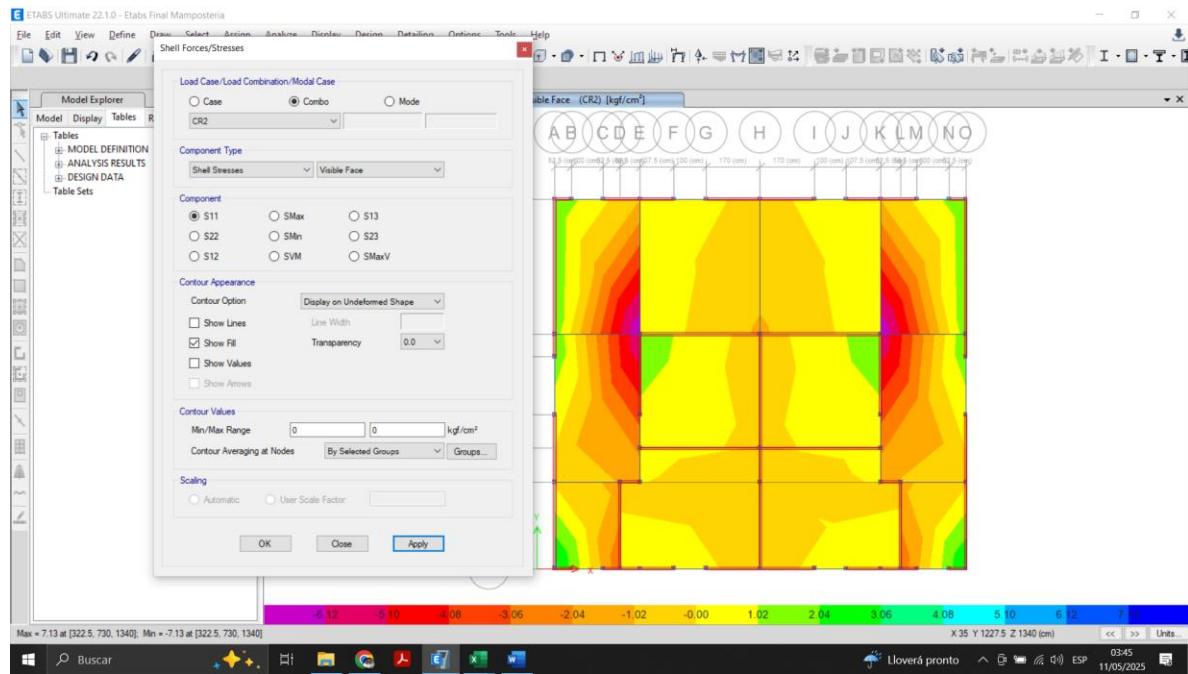
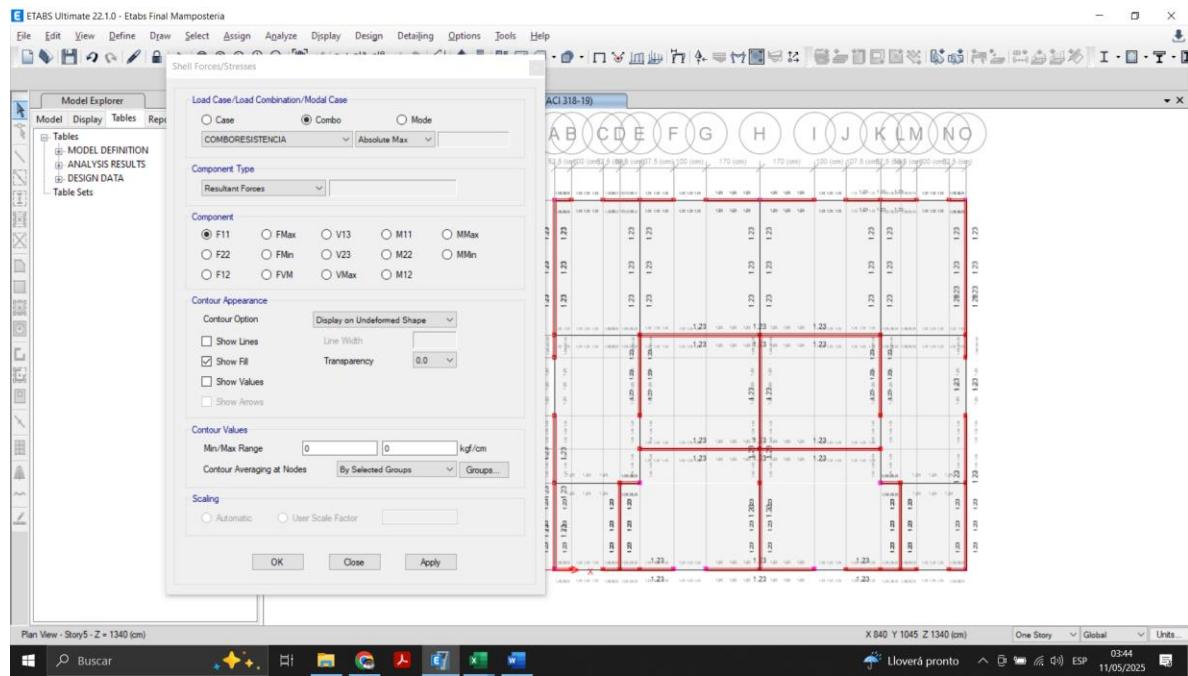
El periodo obtenido del programa es menor al calculado

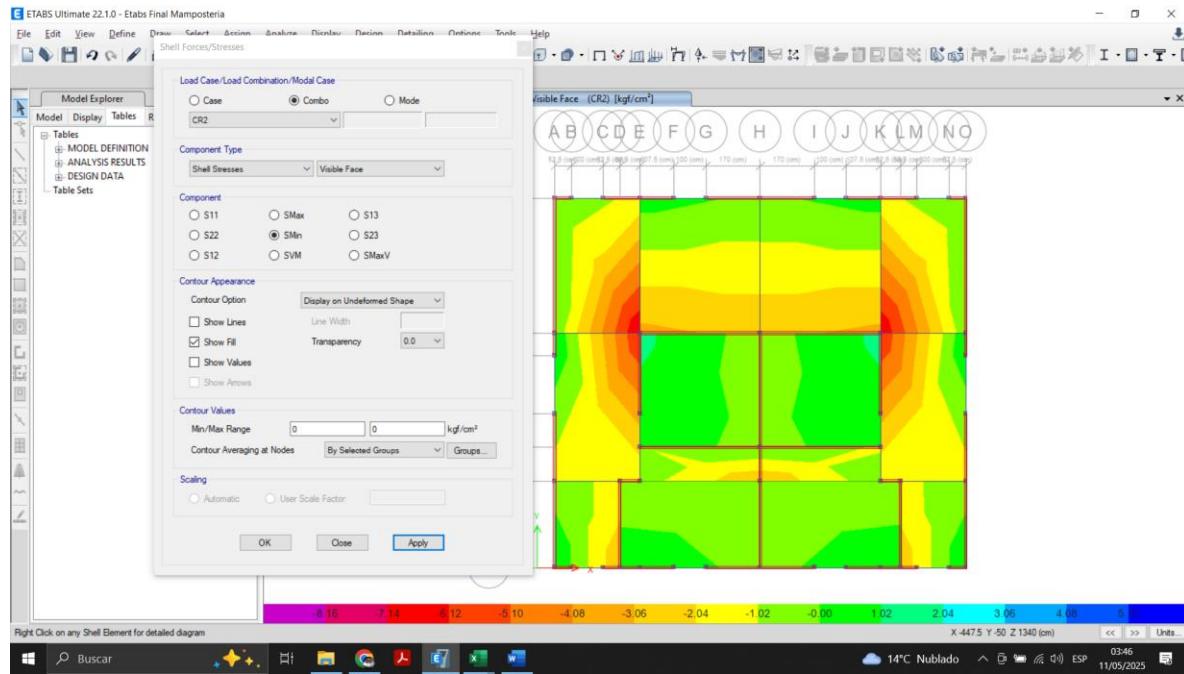


## Datos Generados

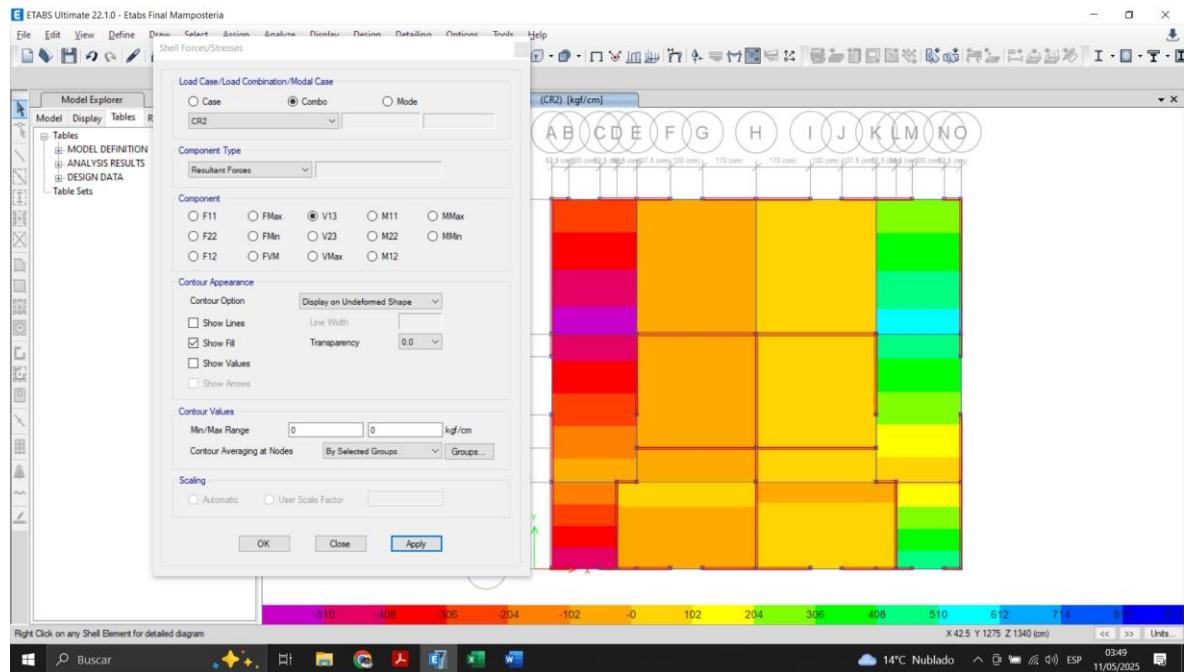








## Chequeo con COMBORESISTENCIA



## Momentos para Diseño

