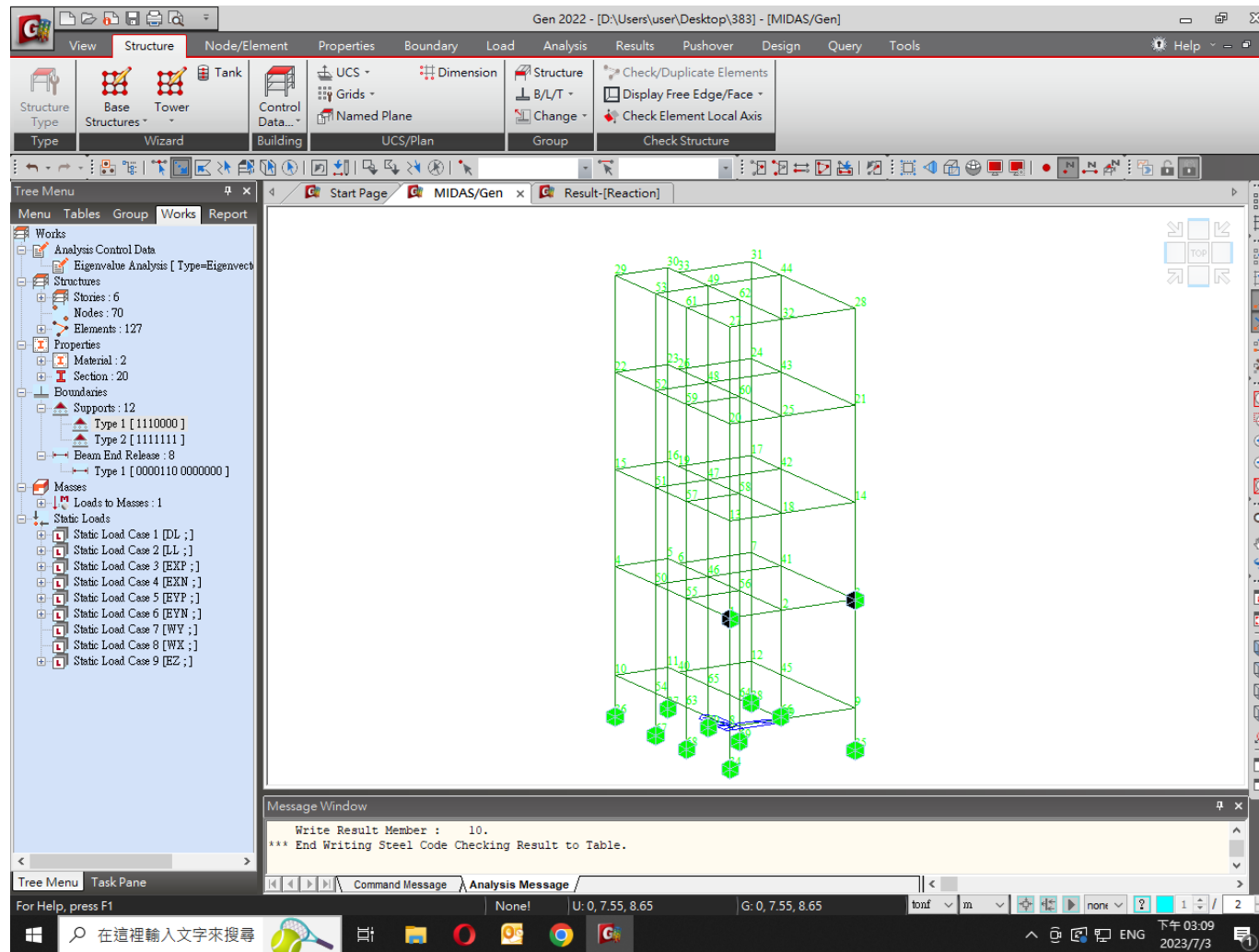
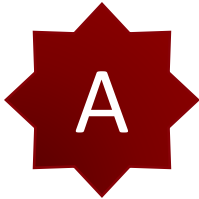




請問我的建築物側邊打 PINNED，但反力卻只有 Z-向有力，請問是否有哪邊設定錯誤？





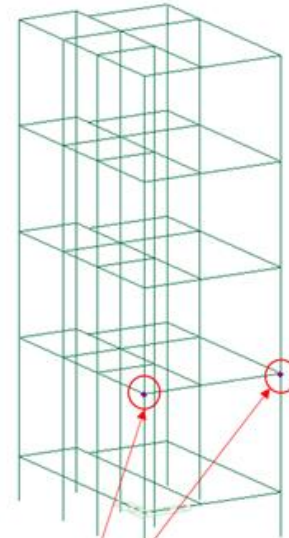
在 2F，您已經設定 Diaphragm。
 因為在 2F，您已經設定 Diaphragm。
 所以如果您輸入 Pinned Support 在 Node no.1 和 3，應該有問題。

Story Data

Ground Level: 3 m

Module Name	Story Name	Level(m)	Height(m)	Floor Diaphragm
Base	Roof	13.60	0.00	Consider
Base	4F	10.30	3.30	Consider
Base	3F	7.00	3.30	Consider
Base	2F	3.70	3.30	Consider
Base	1F	0.00	3.70	Consider
Base	B1	-1.40	1.40	Do not consider

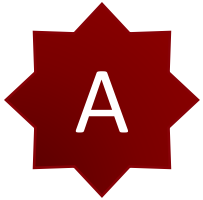
在 2F，您已經設定 Diaphragm。



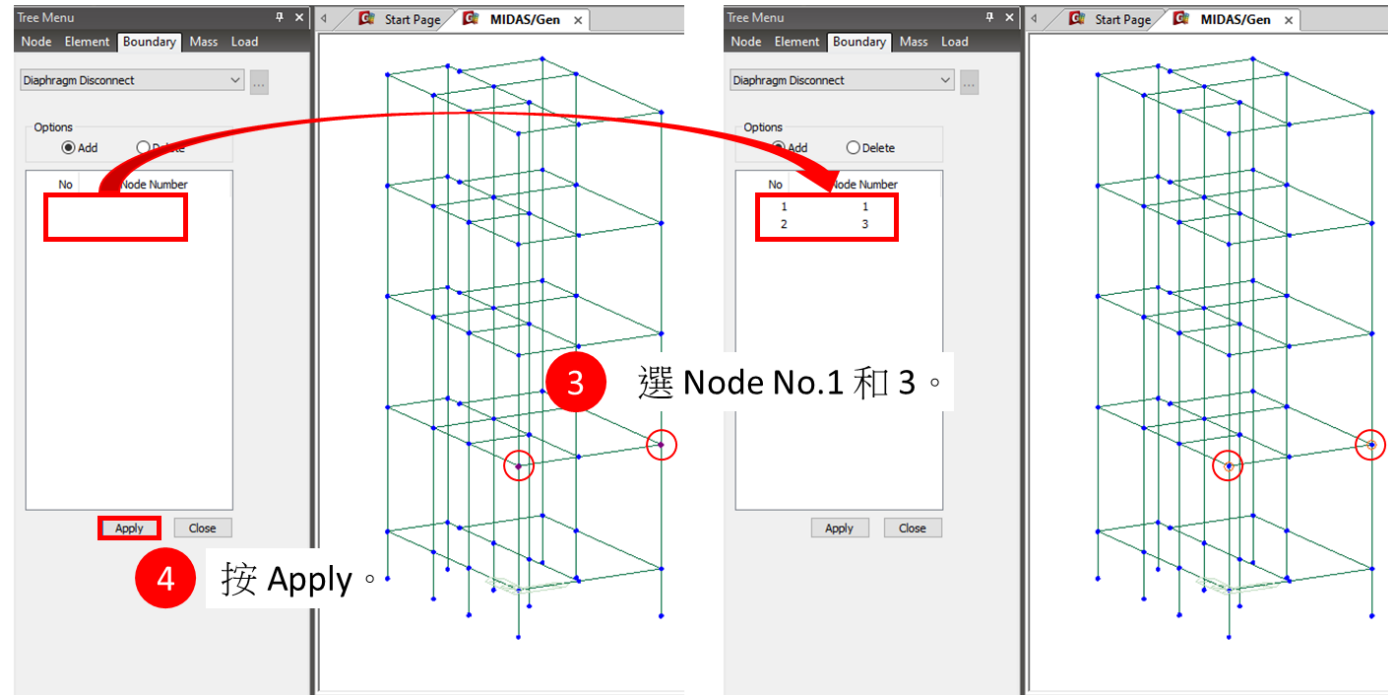
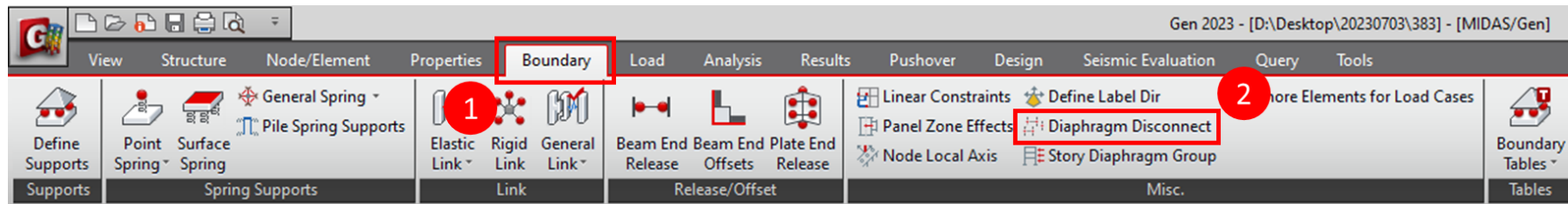
```

Checking the Input Data to perform Analysis.
Creating Data for Analysis.
[Warning]Constrained degrees-of-freedom at Slave nodes are automatically released. Node=1, DOF component=X - Displacement
[Warning]Constrained degrees-of-freedom at Slave nodes are automatically released. Node=1, DOF component=Y - Displacement
[Warning]Constrained degrees-of-freedom at Slave nodes are automatically released. Node=3, DOF component=X - Displacement
[Warning]Constrained degrees-of-freedom at Slave nodes are automatically released. Node=3, DOF component=Y - Displacement
*** Reading Analysis Result
Reading Reaction Force Result - Static Analysis
Reading Displacement Result - Static Analysis
    
```

因為在 2F，您已經設定 Diaphragm。
 所以如果您輸入 Pinned Support 在 Node no.1 和 3，
 應該有問題。



所以您可以做 Diaphragm Disconnect。
 在 Boundary > Diaphragm Disconnect > 然後選 Node 1 和 Node 3 > 按 Apply。
 然後分析結果應該沒有問題。



Start Page MIDAS/Gen Result-[Reaction] x								
	Node	Load	FX (tonf)	FY (tonf)	FZ (tonf)	MX (tonf*m)	MY (tonf*m)	MZ (tonf*m)
▶	1	EXP	-19.516962	-21.279509	-16.547235	0.000000	0.000000	0.000000
	3	EXP	-16.345071	20.702176	16.745403	0.000000	0.000000	0.000000
	1	EYP	-0.399407	-24.919662	-14.581219	0.000000	0.000000	0.000000
	3	EYP	-0.327483	-26.624004	-5.835125	0.000000	0.000000	0.000000
SUMMATION OF REACTION FORCES PRINTOUT								
		Load	FX (tonf)	FY (tonf)	FZ (tonf)			
		EXP	-32.648712					
		EYP	-0.000000	-37.734962	0.000000			

Pinned Support 結果有 FX、FY、和 FZ。