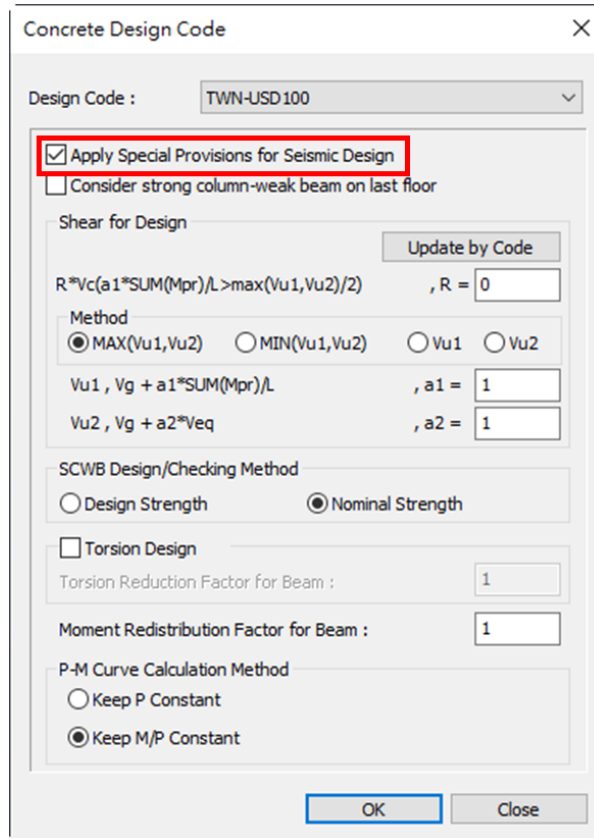




開設計表單與抓出該構件力量檢討，結果發現程式輸出與表單數值不符的狀況。想跟各位請教為何如此？

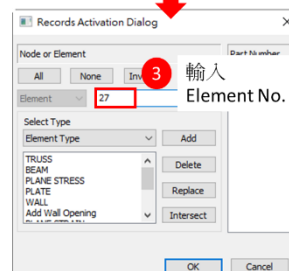
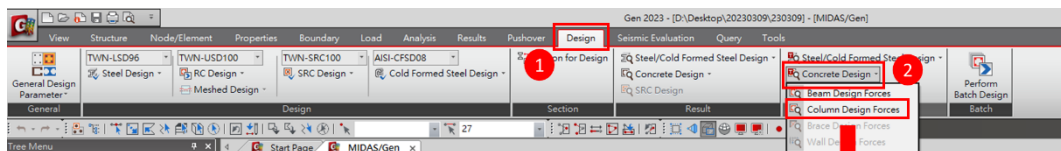


這個問題因為在 RC Code 您勾選 “Apply Special Provision for Seismic Design”。



所以在 Design > Force/Properties > Concrete Design > Beam/Column Design Force Table，您可以看 Fx、Fy、Fz、Mx、My、和 Mz。

那個 Force 跟 Design Result 的一樣。



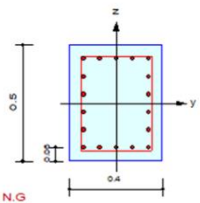
Preview Window

No : 27

Print Print All Close Save

### 1. Design Condition

Design Code : RW-USD100 UNIT SYSTEM : tonf, m  
 Member Number : 27  
 Material Data :  $f_c = 2800$ ,  $f_y = 42000$ ,  $f_{ys} = 42000$  tonf/m<sup>2</sup>  
 Column Height : 3.2 m  
 Section Property : RC50x40 (No : 2)  
 Rebar Pattern : 18 - 6 - D25  $A_{st} = 0.009126$  m<sup>2</sup> (Rho<sub>st</sub> = 0.046)



### 2. Axial and Moments Capacity

Load Combination : 21 (Pos : J)

Compressive max. Axial Load	PhiPn-max	= 435.538 tonf	
Axial Load Ratio	Pu / PhiPn	= 67.8787 / 43.0495	= 5.202 > 1.000 ..... N.G
Moment Ratio	Mx / PhiMn	= 224.7142 / 43.8006	= 5.194 > 1.000 ..... N.G
	My / PhiMn	= -33.4179 / 5.64242	= 5.332 > 1.000 ..... N.G
	Mz / PhiMn	= 224.714 / 43.2940	= 5.190 > 1.000 ..... N.G

Column Design Forces

Memb	Part	LCom Name	Type	Fx (tonf)	Fy (tonf)	Fz (tonf)	Mx (tonf*m)	My (tonf*m)	Mz (tonf*m)
27	J	c.LCB6	Max	24.7780	51.4716	45.7008	0.0000	13.9073	209.4570
27	J	c.LCB7	Max	62.5371	52.8649	45.0789	0.0000	-11.5438	25.6869
27	J	c.LCB8	Max	60.1821	52.7963	45.0448	0.0000	-11.1294	25.5487
27	J	c.LCB9	Max	62.8891	52.8755	33.7340	0.0000	-14.4591	25.3271
27	J	c.LCB10	Max	60.5341	52.8068	33.6998	0.0000	-14.0448	25.1696
27	J	c.LCB11	Max	44.9656	52.3340	46.2644	0.0000	-4.2542	5.1193
27	J	c.LCB12	Max	57.8958	52.7229	46.3011	0.0000	-19.0517	113.5298
27	J	c.LCB13	Max	45.0221	52.3357	46.3093	0.0000	-4.7353	4.9578
27	J	c.LCB14	Max	57.8394	52.7212	46.3113	0.0000	-18.5706	21.1306
27	J	c.LCB15	Max	55.5869	52.6534	44.7382	0.0000	-11.7652	26.3849
27	J	c.LCB16	Max	47.2746	52.4035	44.5162	0.0000	-11.5407	24.8488
27	J	c.LCB17	Max	55.6925	52.6566	33.6296	0.0000	-12.6398	26.1221
27	J	c.LCB18	Max	47.1690	52.4003	33.4031	0.0000	-10.6861	24.3723
27	J	c.LCB19	Max	67.6905	53.0221	46.8037	0.0000	-33.8142	7.1636
27	J	c.LCB20	Max	70.2455	53.0907	46.8090	0.0000	-34.2285	9.5107
27	J	c.LCB21	Max	67.8787	53.0277	46.7596	0.0000	-35.4179	224.7142
27	J	c.LCB22	Max	70.2336	53.0964	46.7679	0.0000	-35.8322	209.4570
27	J	c.LCB23	Max	32.4746	51.8899	44.3399	0.0000	-10.3811	25.6869
27	J	c.LCB24	Max	34.8295	52.0113	44.4062	0.0000	-10.7954	25.5487
27	J	c.LCB25	Max	32.1226	51.8708	32.9800	0.0000	-7.4658	25.3271
27	J	c.LCB26	Max	34.4775	51.9950	33.0462	0.0000	-7.8801	25.1696