



Node IDs

Case 1

① ANC

G: 0.031

S: 1E12

Case 2

① ANC

as Case 1

Case 3

① ANC

as Case 1

Case 4:

① ANC

G: 0.

S: 1E12

② ANC

G: 0

S: 1.5E7

③ ANC

G: 0

S: 1.5E7

③ ANC

G: 0

S: 1E12

③ ANC

as case 3

Fail:

$F_y + 224 \text{ k\#}$

$M_y + 440 \text{ \#-ft}$

No $\Delta y @ \text{①}$

Fail:

$F_y + 222 \text{ k}$

No $\Delta y @ \text{①}$

Fail:

$F_y + 553 \text{ k\#}$

No $\Delta y @ \text{①}$

Fail:

$F_y + 553 \text{ k\#}$

Allowable:

F M

X 3000 875

Y 1400 250

Z 550 2400