



MOMENT CALCULATIONS

$M_{2,104} = -903.760\# \cdot 32.1404' = -29047.2\text{''}\#$
 $M_{2,104} + = -903.760\# \cdot 32.1404' - 2664.52\# \cdot 3.19796' = -37568.3\text{''}\#$
 $M_{2,266} = -903.760\# \cdot 37.9664' + 1109.71\# \cdot 5.82609' + 2664.52\# \cdot (3.94184' + 3.19796') - 1700.11\# \cdot 3.94183' = -32566.7\text{''}\#$
 $M_{2,266} + = -903.760\# \cdot 37.9664' + 1109.71\# \cdot 5.82609' + 2664.52\# \cdot (3.94184' - 3.19796') - 1700.11\# \cdot 3.94183' + 1570.40\# \cdot (3.94183' + 2.22499') = -22889.8\text{''}\#$

SHEAR DIAGRAM CALCULATIONS

$F_{Dy} + F_{Dy} + F_{Cy} + F_{By} = 0$
 $-903.760\# + 1109.71\# - 1007.50\# + 801.554\# = 0$
 $205.95\#$
 $M_{2,266} = -903.760\# \cdot 37.9664' - 1700.11\# \cdot 19.2583' + 1109.71\# \cdot 25.7143' + 2664.52\# \cdot (19.2583' - 3.19796') - 1007.50\# \cdot 19.8882' + 1570.40\# \cdot (19.2583' + 2.22499') - 0.518021' = 0$

