

Table: Element Forces - Frames, Part 1 of 3

Table: Element Forces - Frames, Part 1 of 3

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|---------|-----------|----------|-----------|------------|
| 15 | 0.0000 | SLE | LinStatic | 0.000 | -855.325 | 0.000 | 0.0000 | 0.0000 |
| 15 | 0.40350 | SLE | LinStatic | 0.000 | -812.558 | 0.000 | 0.0000 | 0.0000 |
| 15 | 0.80700 | SLE | LinStatic | 0.000 | -769.792 | 0.000 | 0.0000 | 0.0000 |
| 15 | 1.21050 | SLE | LinStatic | 0.000 | -727.026 | 0.000 | 0.0000 | 0.0000 |
| 15 | 1.61400 | SLE | LinStatic | 0.000 | -684.260 | 0.000 | 0.0000 | 0.0000 |
| 15 | 2.01750 | SLE | LinStatic | 0.000 | -641.494 | 0.000 | 0.0000 | 0.0000 |
| 15 | 0.00000 | SLU | LinStatic | 0.000 | -1111.922 | 0.000 | 0.0000 | 0.0000 |
| 15 | 0.40350 | SLU | LinStatic | 0.000 | -1056.326 | 0.000 | 0.0000 | 0.0000 |
| 15 | 0.80700 | SLU | LinStatic | 0.000 | -1000.730 | 0.000 | 0.0000 | 0.0000 |
| 15 | 1.21050 | SLU | LinStatic | 0.000 | -945.134 | 0.000 | 0.0000 | 0.0000 |
| 15 | 1.61400 | SLU | LinStatic | 0.000 | -889.538 | 0.000 | 0.0000 | 0.0000 |
| 15 | 2.01750 | SLU | LinStatic | 0.000 | -833.942 | 0.000 | 0.0000 | 0.0000 |
| 15 | 0.00000 | SISMA | LinStatic | 0.000 | -970.366 | 0.000 | 0.0000 | 0.0000 |
| 15 | 0.40350 | SISMA | LinStatic | 0.000 | -921.848 | 0.000 | 0.0000 | 0.0000 |
| 15 | 0.80700 | SISMA | LinStatic | 0.000 | -873.329 | 0.000 | 0.0000 | 0.0000 |
| 15 | 1.21050 | SISMA | LinStatic | 0.000 | -824.811 | 0.000 | 0.0000 | 0.0000 |
| 15 | 1.61400 | SISMA | LinStatic | 0.000 | -776.293 | 0.000 | 0.0000 | 0.0000 |
| 15 | 2.01750 | SISMA | LinStatic | 0.000 | -727.774 | 0.000 | 0.0000 | 0.0000 |
| 16 | 0.00000 | SLE | LinStatic | 0.000 | -641.494 | 0.000 | 0.0000 | 0.0000 |
| 16 | 0.40350 | SLE | LinStatic | 0.000 | -598.727 | 0.000 | 0.0000 | 0.0000 |
| 16 | 0.80700 | SLE | LinStatic | 0.000 | -555.961 | 0.000 | 0.0000 | 0.0000 |
| 16 | 1.21050 | SLE | LinStatic | 0.000 | -513.195 | 0.000 | 0.0000 | 0.0000 |
| 16 | 1.61400 | SLE | LinStatic | 0.000 | -470.429 | 0.000 | 0.0000 | 0.0000 |
| 16 | 2.01750 | SLE | LinStatic | 0.000 | -427.662 | 0.000 | 0.0000 | 0.0000 |
| 16 | 0.00000 | SLU | LinStatic | 0.000 | -833.942 | 0.000 | 0.0000 | 0.0000 |
| 16 | 0.40350 | SLU | LinStatic | 0.000 | -778.345 | 0.000 | 0.0000 | 0.0000 |
| 16 | 0.80700 | SLU | LinStatic | 0.000 | -722.749 | 0.000 | 0.0000 | 0.0000 |
| 16 | 1.21050 | SLU | LinStatic | 0.000 | -667.153 | 0.000 | 0.0000 | 0.0000 |
| 16 | 1.61400 | SLU | LinStatic | 0.000 | -611.557 | 0.000 | 0.0000 | 0.0000 |
| 16 | 2.01750 | SLU | LinStatic | 0.000 | -555.961 | 0.000 | 0.0000 | 0.0000 |
| 16 | 0.00000 | SISMA | LinStatic | 0.000 | -727.774 | 0.000 | 0.0000 | 0.0000 |
| 16 | 0.40350 | SISMA | LinStatic | 0.000 | -679.256 | 0.000 | 0.0000 | 0.0000 |
| 16 | 0.80700 | SISMA | LinStatic | 0.000 | -630.738 | 0.000 | 0.0000 | 0.0000 |
| 16 | 1.21050 | SISMA | LinStatic | 0.000 | -582.220 | 0.000 | 0.0000 | 0.0000 |
| 16 | 1.61400 | SISMA | LinStatic | 0.000 | -533.701 | 0.000 | 0.0000 | 0.0000 |
| 16 | 2.01750 | SISMA | LinStatic | 0.000 | -485.183 | 0.000 | 0.0000 | 0.0000 |
| 17 | 0.00000 | SLE | LinStatic | 0.000 | -427.662 | 0.000 | 0.0000 | 0.0000 |
| 17 | 0.40350 | SLE | LinStatic | 0.000 | -384.896 | 0.000 | 0.0000 | 0.0000 |
| 17 | 0.80700 | SLE | LinStatic | 0.000 | -342.130 | 0.000 | 0.0000 | 0.0000 |
| 17 | 1.21050 | SLE | LinStatic | 0.000 | -299.364 | 0.000 | 0.0000 | 0.0000 |
| 17 | 1.61400 | SLE | LinStatic | 0.000 | -256.597 | 0.000 | 0.0000 | 0.0000 |
| 17 | 2.01750 | SLE | LinStatic | 0.000 | -213.831 | 0.000 | 0.0000 | 0.0000 |
| 17 | 0.00000 | SLU | LinStatic | 0.000 | -555.961 | 0.000 | 0.0000 | 0.0000 |
| 17 | 0.40350 | SLU | LinStatic | 0.000 | -500.365 | 0.000 | 0.0000 | 0.0000 |
| 17 | 0.80700 | SLU | LinStatic | 0.000 | -444.769 | 0.000 | 0.0000 | 0.0000 |
| 17 | 1.21050 | SLU | LinStatic | 0.000 | -389.173 | 0.000 | 0.0000 | 0.0000 |
| 17 | 1.61400 | SLU | LinStatic | 0.000 | -333.577 | 0.000 | 0.0000 | 0.0000 |
| 17 | 2.01750 | SLU | LinStatic | 0.000 | -277.981 | 0.000 | 0.0000 | 0.0000 |
| 17 | 0.00000 | SISMA | LinStatic | 0.000 | -485.183 | 0.000 | 0.0000 | 0.0000 |
| 17 | 0.40350 | SISMA | LinStatic | 0.000 | -436.665 | 0.000 | 0.0000 | 0.0000 |
| 17 | 0.80700 | SISMA | LinStatic | 0.000 | -388.146 | 0.000 | 0.0000 | 0.0000 |
| 17 | 1.21050 | SISMA | LinStatic | 0.000 | -339.628 | 0.000 | 0.0000 | 0.0000 |
| 17 | 1.61400 | SISMA | LinStatic | 0.000 | -291.110 | 0.000 | 0.0000 | 0.0000 |
| 17 | 2.01750 | SISMA | LinStatic | 0.000 | -242.591 | 0.000 | 0.0000 | 0.0000 |

Table: Element Forces - Frames, Part 1 of 3

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|---------|------------|----------|-----------|------------|
| 18 | 0.00000 | SLE | LinStatic | 0.000 | -213.831 | 0.000 | 0.0000 | 0.0000 |
| 18 | 0.40350 | SLE | LinStatic | 0.000 | -171.065 | 0.000 | 0.0000 | 0.0000 |
| 18 | 0.80700 | SLE | LinStatic | 0.000 | -128.299 | 0.000 | 0.0000 | 0.0000 |
| 18 | 1.21050 | SLE | LinStatic | 0.000 | -85.532 | 0.000 | 0.0000 | 0.0000 |
| 18 | 1.61400 | SLE | LinStatic | 0.000 | -42.766 | 0.000 | 0.0000 | 0.0000 |
| 18 | 2.01750 | SLE | LinStatic | 0.000 | -8.562E-13 | 0.000 | 0.0000 | 0.0000 |
| 18 | 0.00000 | SLU | LinStatic | 0.000 | -277.981 | 0.000 | 0.0000 | 0.0000 |
| 18 | 0.40350 | SLU | LinStatic | 0.000 | -222.384 | 0.000 | 0.0000 | 0.0000 |
| 18 | 0.80700 | SLU | LinStatic | 0.000 | -166.788 | 0.000 | 0.0000 | 0.0000 |
| 18 | 1.21050 | SLU | LinStatic | 0.000 | -111.192 | 0.000 | 0.0000 | 0.0000 |
| 18 | 1.61400 | SLU | LinStatic | 0.000 | -55.596 | 0.000 | 0.0000 | 0.0000 |
| 18 | 2.01750 | SLU | LinStatic | 0.000 | -3.872E-12 | 0.000 | 0.0000 | 0.0000 |
| 18 | 0.00000 | SISMA | LinStatic | 0.000 | -242.591 | 0.000 | 0.0000 | 0.0000 |
| 18 | 0.40350 | SISMA | LinStatic | 0.000 | -194.073 | 0.000 | 0.0000 | 0.0000 |
| 18 | 0.80700 | SISMA | LinStatic | 0.000 | -145.555 | 0.000 | 0.0000 | 0.0000 |
| 18 | 1.21050 | SISMA | LinStatic | 0.000 | -97.037 | 0.000 | 0.0000 | 0.0000 |
| 18 | 1.61400 | SISMA | LinStatic | 0.000 | -48.518 | 0.000 | 0.0000 | 0.0000 |
| 18 | 2.01750 | SISMA | LinStatic | 0.000 | 3.027E-12 | 0.000 | 0.0000 | 0.0000 |
| 19 | 0.00000 | SLE | LinStatic | 0.000 | 1.819E-12 | 0.000 | 0.0000 | 0.0000 |
| 19 | 0.40350 | SLE | LinStatic | 0.000 | 42.766 | 0.000 | 0.0000 | 0.0000 |
| 19 | 0.80700 | SLE | LinStatic | 0.000 | 85.532 | 0.000 | 0.0000 | 0.0000 |
| 19 | 1.21050 | SLE | LinStatic | 0.000 | 128.299 | 0.000 | 0.0000 | 0.0000 |
| 19 | 1.61400 | SLE | LinStatic | 0.000 | 171.065 | 0.000 | 0.0000 | 0.0000 |
| 19 | 2.01750 | SLE | LinStatic | 0.000 | 213.831 | 0.000 | 0.0000 | 0.0000 |
| 19 | 0.00000 | SLU | LinStatic | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 |
| 19 | 0.40350 | SLU | LinStatic | 0.000 | 55.596 | 0.000 | 0.0000 | 0.0000 |
| 19 | 0.80700 | SLU | LinStatic | 0.000 | 111.192 | 0.000 | 0.0000 | 0.0000 |
| 19 | 1.21050 | SLU | LinStatic | 0.000 | 166.788 | 0.000 | 0.0000 | 0.0000 |
| 19 | 1.61400 | SLU | LinStatic | 0.000 | 222.384 | 0.000 | 0.0000 | 0.0000 |
| 19 | 2.01750 | SLU | LinStatic | 0.000 | 277.981 | 0.000 | 0.0000 | 0.0000 |
| 19 | 0.00000 | SISMA | LinStatic | 0.000 | -1.819E-12 | 0.000 | 0.0000 | 0.0000 |
| 19 | 0.40350 | SISMA | LinStatic | 0.000 | 48.518 | 0.000 | 0.0000 | 0.0000 |
| 19 | 0.80700 | SISMA | LinStatic | 0.000 | 97.037 | 0.000 | 0.0000 | 0.0000 |
| 19 | 1.21050 | SISMA | LinStatic | 0.000 | 145.555 | 0.000 | 0.0000 | 0.0000 |
| 19 | 1.61400 | SISMA | LinStatic | 0.000 | 194.073 | 0.000 | 0.0000 | 0.0000 |
| 19 | 2.01750 | SISMA | LinStatic | 0.000 | 242.591 | 0.000 | 0.0000 | 0.0000 |
| 20 | 0.00000 | SLE | LinStatic | 0.000 | 213.831 | 0.000 | 0.0000 | 0.0000 |
| 20 | 0.40350 | SLE | LinStatic | 0.000 | 256.597 | 0.000 | 0.0000 | 0.0000 |
| 20 | 0.80700 | SLE | LinStatic | 0.000 | 299.364 | 0.000 | 0.0000 | 0.0000 |
| 20 | 1.21050 | SLE | LinStatic | 0.000 | 342.130 | 0.000 | 0.0000 | 0.0000 |
| 20 | 1.61400 | SLE | LinStatic | 0.000 | 384.896 | 0.000 | 0.0000 | 0.0000 |
| 20 | 2.01750 | SLE | LinStatic | 0.000 | 427.662 | 0.000 | 0.0000 | 0.0000 |
| 20 | 0.00000 | SLU | LinStatic | 0.000 | 277.981 | 0.000 | 0.0000 | 0.0000 |
| 20 | 0.40350 | SLU | LinStatic | 0.000 | 333.577 | 0.000 | 0.0000 | 0.0000 |
| 20 | 0.80700 | SLU | LinStatic | 0.000 | 389.173 | 0.000 | 0.0000 | 0.0000 |
| 20 | 1.21050 | SLU | LinStatic | 0.000 | 444.769 | 0.000 | 0.0000 | 0.0000 |
| 20 | 1.61400 | SLU | LinStatic | 0.000 | 500.365 | 0.000 | 0.0000 | 0.0000 |
| 20 | 2.01750 | SLU | LinStatic | 0.000 | 555.961 | 0.000 | 0.0000 | 0.0000 |
| 20 | 0.00000 | SISMA | LinStatic | 0.000 | 242.591 | 0.000 | 0.0000 | 0.0000 |
| 20 | 0.40350 | SISMA | LinStatic | 0.000 | 291.110 | 0.000 | 0.0000 | 0.0000 |
| 20 | 0.80700 | SISMA | LinStatic | 0.000 | 339.628 | 0.000 | 0.0000 | 0.0000 |
| 20 | 1.21050 | SISMA | LinStatic | 0.000 | 388.146 | 0.000 | 0.0000 | 0.0000 |
| 20 | 1.61400 | SISMA | LinStatic | 0.000 | 436.665 | 0.000 | 0.0000 | 0.0000 |
| 20 | 2.01750 | SISMA | LinStatic | 0.000 | 485.183 | 0.000 | 0.0000 | 0.0000 |
| 21 | 0.00000 | SLE | LinStatic | 0.000 | 427.662 | 0.000 | 0.0000 | 0.0000 |
| 21 | 0.40350 | SLE | LinStatic | 0.000 | 470.429 | 0.000 | 0.0000 | 0.0000 |
| 21 | 0.80700 | SLE | LinStatic | 0.000 | 513.195 | 0.000 | 0.0000 | 0.0000 |
| 21 | 1.21050 | SLE | LinStatic | 0.000 | 555.961 | 0.000 | 0.0000 | 0.0000 |
| 21 | 1.61400 | SLE | LinStatic | 0.000 | 598.727 | 0.000 | 0.0000 | 0.0000 |

Table: Element Forces - Frames, Part 1 of 3

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|---------|-----------|----------|-----------|------------|
| 21 | 2.01750 | SLE | LinStatic | 0.000 | 641.494 | 0.000 | 0.0000 | 0.0000 |
| 21 | 0.00000 | SLU | LinStatic | 0.000 | 555.961 | 0.000 | 0.0000 | 0.0000 |
| 21 | 0.40350 | SLU | LinStatic | 0.000 | 611.557 | 0.000 | 0.0000 | 0.0000 |
| 21 | 0.80700 | SLU | LinStatic | 0.000 | 667.153 | 0.000 | 0.0000 | 0.0000 |
| 21 | 1.21050 | SLU | LinStatic | 0.000 | 722.749 | 0.000 | 0.0000 | 0.0000 |
| 21 | 1.61400 | SLU | LinStatic | 0.000 | 778.345 | 0.000 | 0.0000 | 0.0000 |
| 21 | 2.01750 | SLU | LinStatic | 0.000 | 833.942 | 0.000 | 0.0000 | 0.0000 |
| 21 | 0.00000 | SISMA | LinStatic | 0.000 | 485.183 | 0.000 | 0.0000 | 0.0000 |
| 21 | 0.40350 | SISMA | LinStatic | 0.000 | 533.701 | 0.000 | 0.0000 | 0.0000 |
| 21 | 0.80700 | SISMA | LinStatic | 0.000 | 582.220 | 0.000 | 0.0000 | 0.0000 |
| 21 | 1.21050 | SISMA | LinStatic | 0.000 | 630.738 | 0.000 | 0.0000 | 0.0000 |
| 21 | 1.61400 | SISMA | LinStatic | 0.000 | 679.256 | 0.000 | 0.0000 | 0.0000 |
| 21 | 2.01750 | SISMA | LinStatic | 0.000 | 727.774 | 0.000 | 0.0000 | 0.0000 |
| 22 | 0.00000 | SLE | LinStatic | 0.000 | 641.494 | 0.000 | 0.0000 | 0.0000 |
| 22 | 0.40350 | SLE | LinStatic | 0.000 | 684.260 | 0.000 | 0.0000 | 0.0000 |
| 22 | 0.80700 | SLE | LinStatic | 0.000 | 727.026 | 0.000 | 0.0000 | 0.0000 |
| 22 | 1.21050 | SLE | LinStatic | 0.000 | 769.792 | 0.000 | 0.0000 | 0.0000 |
| 22 | 1.61400 | SLE | LinStatic | 0.000 | 812.558 | 0.000 | 0.0000 | 0.0000 |
| 22 | 2.01750 | SLE | LinStatic | 0.000 | 855.325 | 0.000 | 0.0000 | 0.0000 |
| 22 | 0.00000 | SLU | LinStatic | 0.000 | 833.942 | 0.000 | 0.0000 | 0.0000 |
| 22 | 0.40350 | SLU | LinStatic | 0.000 | 889.538 | 0.000 | 0.0000 | 0.0000 |
| 22 | 0.80700 | SLU | LinStatic | 0.000 | 945.134 | 0.000 | 0.0000 | 0.0000 |
| 22 | 1.21050 | SLU | LinStatic | 0.000 | 1000.730 | 0.000 | 0.0000 | 0.0000 |
| 22 | 1.61400 | SLU | LinStatic | 0.000 | 1056.326 | 0.000 | 0.0000 | 0.0000 |
| 22 | 2.01750 | SLU | LinStatic | 0.000 | 1111.922 | 0.000 | 0.0000 | 0.0000 |
| 22 | 0.00000 | SISMA | LinStatic | 0.000 | 727.774 | 0.000 | 0.0000 | 0.0000 |
| 22 | 0.40350 | SISMA | LinStatic | 0.000 | 776.293 | 0.000 | 0.0000 | 0.0000 |
| 22 | 0.80700 | SISMA | LinStatic | 0.000 | 824.811 | 0.000 | 0.0000 | 0.0000 |
| 22 | 1.21050 | SISMA | LinStatic | 0.000 | 873.329 | 0.000 | 0.0000 | 0.0000 |
| 22 | 1.61400 | SISMA | LinStatic | 0.000 | 921.848 | 0.000 | 0.0000 | 0.0000 |
| 22 | 2.01750 | SISMA | LinStatic | 0.000 | 970.366 | 0.000 | 0.0000 | 0.0000 |
| 23 | 0.00000 | SLE | LinStatic | 0.000 | -855.325 | 0.000 | 0.0000 | 0.0000 |
| 23 | 0.40350 | SLE | LinStatic | 0.000 | -812.558 | 0.000 | 0.0000 | 0.0000 |
| 23 | 0.80700 | SLE | LinStatic | 0.000 | -769.792 | 0.000 | 0.0000 | 0.0000 |
| 23 | 1.21050 | SLE | LinStatic | 0.000 | -727.026 | 0.000 | 0.0000 | 0.0000 |
| 23 | 1.61400 | SLE | LinStatic | 0.000 | -684.260 | 0.000 | 0.0000 | 0.0000 |
| 23 | 2.01750 | SLE | LinStatic | 0.000 | -641.494 | 0.000 | 0.0000 | 0.0000 |
| 23 | 0.00000 | SLU | LinStatic | 0.000 | -1111.922 | 0.000 | 0.0000 | 0.0000 |
| 23 | 0.40350 | SLU | LinStatic | 0.000 | -1056.326 | 0.000 | 0.0000 | 0.0000 |
| 23 | 0.80700 | SLU | LinStatic | 0.000 | -1000.730 | 0.000 | 0.0000 | 0.0000 |
| 23 | 1.21050 | SLU | LinStatic | 0.000 | -945.134 | 0.000 | 0.0000 | 0.0000 |
| 23 | 1.61400 | SLU | LinStatic | 0.000 | -889.538 | 0.000 | 0.0000 | 0.0000 |
| 23 | 2.01750 | SLU | LinStatic | 0.000 | -833.942 | 0.000 | 0.0000 | 0.0000 |
| 23 | 0.00000 | SISMA | LinStatic | 0.000 | -970.366 | 0.000 | 0.0000 | 0.0000 |
| 23 | 0.40350 | SISMA | LinStatic | 0.000 | -921.848 | 0.000 | 0.0000 | 0.0000 |
| 23 | 0.80700 | SISMA | LinStatic | 0.000 | -873.329 | 0.000 | 0.0000 | 0.0000 |
| 23 | 1.21050 | SISMA | LinStatic | 0.000 | -824.811 | 0.000 | 0.0000 | 0.0000 |
| 23 | 1.61400 | SISMA | LinStatic | 0.000 | -776.293 | 0.000 | 0.0000 | 0.0000 |
| 23 | 2.01750 | SISMA | LinStatic | 0.000 | -727.774 | 0.000 | 0.0000 | 0.0000 |
| 24 | 0.00000 | SLE | LinStatic | 0.000 | -641.494 | 0.000 | 0.0000 | 0.0000 |
| 24 | 0.40350 | SLE | LinStatic | 0.000 | -598.727 | 0.000 | 0.0000 | 0.0000 |
| 24 | 0.80700 | SLE | LinStatic | 0.000 | -555.961 | 0.000 | 0.0000 | 0.0000 |
| 24 | 1.21050 | SLE | LinStatic | 0.000 | -513.195 | 0.000 | 0.0000 | 0.0000 |
| 24 | 1.61400 | SLE | LinStatic | 0.000 | -470.429 | 0.000 | 0.0000 | 0.0000 |
| 24 | 2.01750 | SLE | LinStatic | 0.000 | -427.662 | 0.000 | 0.0000 | 0.0000 |
| 24 | 0.00000 | SLU | LinStatic | 0.000 | -833.942 | 0.000 | 0.0000 | 0.0000 |
| 24 | 0.40350 | SLU | LinStatic | 0.000 | -778.345 | 0.000 | 0.0000 | 0.0000 |
| 24 | 0.80700 | SLU | LinStatic | 0.000 | -722.749 | 0.000 | 0.0000 | 0.0000 |
| 24 | 1.21050 | SLU | LinStatic | 0.000 | -667.153 | 0.000 | 0.0000 | 0.0000 |

Table: Element Forces - Frames, Part 1 of 3

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|---------|-----------|----------|-----------|------------|
| 24 | 1.61400 | SLU | LinStatic | 0.000 | -611.557 | 0.000 | 0.0000 | 0.0000 |
| 24 | 2.01750 | SLU | LinStatic | 0.000 | -555.961 | 0.000 | 0.0000 | 0.0000 |
| 24 | 0.00000 | SISMA | LinStatic | 0.000 | -727.774 | 0.000 | 0.0000 | 0.0000 |
| 24 | 0.40350 | SISMA | LinStatic | 0.000 | -679.256 | 0.000 | 0.0000 | 0.0000 |
| 24 | 0.80700 | SISMA | LinStatic | 0.000 | -630.738 | 0.000 | 0.0000 | 0.0000 |
| 24 | 1.21050 | SISMA | LinStatic | 0.000 | -582.220 | 0.000 | 0.0000 | 0.0000 |
| 24 | 1.61400 | SISMA | LinStatic | 0.000 | -533.701 | 0.000 | 0.0000 | 0.0000 |
| 24 | 2.01750 | SISMA | LinStatic | 0.000 | -485.183 | 0.000 | 0.0000 | 0.0000 |
| 25 | 0.00000 | SLE | LinStatic | 0.000 | -427.662 | 0.000 | 0.0000 | 0.0000 |
| 25 | 0.40350 | SLE | LinStatic | 0.000 | -384.896 | 0.000 | 0.0000 | 0.0000 |
| 25 | 0.80700 | SLE | LinStatic | 0.000 | -342.130 | 0.000 | 0.0000 | 0.0000 |
| 25 | 1.21050 | SLE | LinStatic | 0.000 | -299.364 | 0.000 | 0.0000 | 0.0000 |
| 25 | 1.61400 | SLE | LinStatic | 0.000 | -256.597 | 0.000 | 0.0000 | 0.0000 |
| 25 | 2.01750 | SLE | LinStatic | 0.000 | -213.831 | 0.000 | 0.0000 | 0.0000 |
| 25 | 0.00000 | SLU | LinStatic | 0.000 | -555.961 | 0.000 | 0.0000 | 0.0000 |
| 25 | 0.40350 | SLU | LinStatic | 0.000 | -500.365 | 0.000 | 0.0000 | 0.0000 |
| 25 | 0.80700 | SLU | LinStatic | 0.000 | -444.769 | 0.000 | 0.0000 | 0.0000 |
| 25 | 1.21050 | SLU | LinStatic | 0.000 | -389.173 | 0.000 | 0.0000 | 0.0000 |
| 25 | 1.61400 | SLU | LinStatic | 0.000 | -333.577 | 0.000 | 0.0000 | 0.0000 |
| 25 | 2.01750 | SLU | LinStatic | 0.000 | -277.981 | 0.000 | 0.0000 | 0.0000 |
| 25 | 0.00000 | SISMA | LinStatic | 0.000 | -485.183 | 0.000 | 0.0000 | 0.0000 |
| 25 | 0.40350 | SISMA | LinStatic | 0.000 | -436.665 | 0.000 | 0.0000 | 0.0000 |
| 25 | 0.80700 | SISMA | LinStatic | 0.000 | -388.146 | 0.000 | 0.0000 | 0.0000 |
| 25 | 1.21050 | SISMA | LinStatic | 0.000 | -339.628 | 0.000 | 0.0000 | 0.0000 |
| 25 | 1.61400 | SISMA | LinStatic | 0.000 | -291.110 | 0.000 | 0.0000 | 0.0000 |
| 25 | 2.01750 | SISMA | LinStatic | 0.000 | -242.591 | 0.000 | 0.0000 | 0.0000 |
| 26 | 0.00000 | SLE | LinStatic | 0.000 | -213.831 | 0.000 | 0.0000 | 0.0000 |
| 26 | 0.40350 | SLE | LinStatic | 0.000 | -171.065 | 0.000 | 0.0000 | 0.0000 |
| 26 | 0.80700 | SLE | LinStatic | 0.000 | -128.299 | 0.000 | 0.0000 | 0.0000 |
| 26 | 1.21050 | SLE | LinStatic | 0.000 | -85.532 | 0.000 | 0.0000 | 0.0000 |
| 26 | 1.61400 | SLE | LinStatic | 0.000 | -42.766 | 0.000 | 0.0000 | 0.0000 |
| 26 | 2.01750 | SLE | LinStatic | 0.000 | 8.239E-12 | 0.000 | 0.0000 | 0.0000 |
| 26 | 0.00000 | SLU | LinStatic | 0.000 | -277.981 | 0.000 | 0.0000 | 0.0000 |
| 26 | 0.40350 | SLU | LinStatic | 0.000 | -222.384 | 0.000 | 0.0000 | 0.0000 |
| 26 | 0.80700 | SLU | LinStatic | 0.000 | -166.788 | 0.000 | 0.0000 | 0.0000 |
| 26 | 1.21050 | SLU | LinStatic | 0.000 | -111.192 | 0.000 | 0.0000 | 0.0000 |
| 26 | 1.61400 | SLU | LinStatic | 0.000 | -55.596 | 0.000 | 0.0000 | 0.0000 |
| 26 | 2.01750 | SLU | LinStatic | 0.000 | 1.432E-11 | 0.000 | 0.0000 | 0.0000 |
| 26 | 0.00000 | SISMA | LinStatic | 0.000 | -242.591 | 0.000 | 0.0000 | 0.0000 |
| 26 | 0.40350 | SISMA | LinStatic | 0.000 | -194.073 | 0.000 | 0.0000 | 0.0000 |
| 26 | 0.80700 | SISMA | LinStatic | 0.000 | -145.555 | 0.000 | 0.0000 | 0.0000 |
| 26 | 1.21050 | SISMA | LinStatic | 0.000 | -97.037 | 0.000 | 0.0000 | 0.0000 |
| 26 | 1.61400 | SISMA | LinStatic | 0.000 | -48.518 | 0.000 | 0.0000 | 0.0000 |
| 26 | 2.01750 | SISMA | LinStatic | 0.000 | 8.484E-12 | 0.000 | 0.0000 | 0.0000 |
| 27 | 0.00000 | SLE | LinStatic | 0.000 | 1.455E-11 | 0.000 | 0.0000 | 0.0000 |
| 27 | 0.40350 | SLE | LinStatic | 0.000 | 42.766 | 0.000 | 0.0000 | 0.0000 |
| 27 | 0.80700 | SLE | LinStatic | 0.000 | 85.532 | 0.000 | 0.0000 | 0.0000 |
| 27 | 1.21050 | SLE | LinStatic | 0.000 | 128.299 | 0.000 | 0.0000 | 0.0000 |
| 27 | 1.61400 | SLE | LinStatic | 0.000 | 171.065 | 0.000 | 0.0000 | 0.0000 |
| 27 | 2.01750 | SLE | LinStatic | 0.000 | 213.831 | 0.000 | 0.0000 | 0.0000 |
| 27 | 0.00000 | SLU | LinStatic | 0.000 | 7.276E-12 | 0.000 | 0.0000 | 0.0000 |
| 27 | 0.40350 | SLU | LinStatic | 0.000 | 55.596 | 0.000 | 0.0000 | 0.0000 |
| 27 | 0.80700 | SLU | LinStatic | 0.000 | 111.192 | 0.000 | 0.0000 | 0.0000 |
| 27 | 1.21050 | SLU | LinStatic | 0.000 | 166.788 | 0.000 | 0.0000 | 0.0000 |
| 27 | 1.61400 | SLU | LinStatic | 0.000 | 222.384 | 0.000 | 0.0000 | 0.0000 |
| 27 | 2.01750 | SLU | LinStatic | 0.000 | 277.981 | 0.000 | 0.0000 | 0.0000 |
| 27 | 0.00000 | SISMA | LinStatic | 0.000 | 7.276E-12 | 0.000 | 0.0000 | 0.0000 |
| 27 | 0.40350 | SISMA | LinStatic | 0.000 | 48.518 | 0.000 | 0.0000 | 0.0000 |
| 27 | 0.80700 | SISMA | LinStatic | 0.000 | 97.037 | 0.000 | 0.0000 | 0.0000 |

Table: Element Forces - Frames, Part 1 of 3

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|---------|----------|----------|-----------|------------|
| 27 | 1.21050 | SISMA | LinStatic | 0.000 | 145.555 | 0.000 | 0.0000 | 0.0000 |
| 27 | 1.61400 | SISMA | LinStatic | 0.000 | 194.073 | 0.000 | 0.0000 | 0.0000 |
| 27 | 2.01750 | SISMA | LinStatic | 0.000 | 242.591 | 0.000 | 0.0000 | 0.0000 |
| 28 | 0.00000 | SLE | LinStatic | 0.000 | 213.831 | 0.000 | 0.0000 | 0.0000 |
| 28 | 0.40350 | SLE | LinStatic | 0.000 | 256.597 | 0.000 | 0.0000 | 0.0000 |
| 28 | 0.80700 | SLE | LinStatic | 0.000 | 299.364 | 0.000 | 0.0000 | 0.0000 |
| 28 | 1.21050 | SLE | LinStatic | 0.000 | 342.130 | 0.000 | 0.0000 | 0.0000 |
| 28 | 1.61400 | SLE | LinStatic | 0.000 | 384.896 | 0.000 | 0.0000 | 0.0000 |
| 28 | 2.01750 | SLE | LinStatic | 0.000 | 427.662 | 0.000 | 0.0000 | 0.0000 |
| 28 | 0.00000 | SLU | LinStatic | 0.000 | 277.981 | 0.000 | 0.0000 | 0.0000 |
| 28 | 0.40350 | SLU | LinStatic | 0.000 | 333.577 | 0.000 | 0.0000 | 0.0000 |
| 28 | 0.80700 | SLU | LinStatic | 0.000 | 389.173 | 0.000 | 0.0000 | 0.0000 |
| 28 | 1.21050 | SLU | LinStatic | 0.000 | 444.769 | 0.000 | 0.0000 | 0.0000 |
| 28 | 1.61400 | SLU | LinStatic | 0.000 | 500.365 | 0.000 | 0.0000 | 0.0000 |
| 28 | 2.01750 | SLU | LinStatic | 0.000 | 555.961 | 0.000 | 0.0000 | 0.0000 |
| 28 | 0.00000 | SISMA | LinStatic | 0.000 | 242.591 | 0.000 | 0.0000 | 0.0000 |
| 28 | 0.40350 | SISMA | LinStatic | 0.000 | 291.110 | 0.000 | 0.0000 | 0.0000 |
| 28 | 0.80700 | SISMA | LinStatic | 0.000 | 339.628 | 0.000 | 0.0000 | 0.0000 |
| 28 | 1.21050 | SISMA | LinStatic | 0.000 | 388.146 | 0.000 | 0.0000 | 0.0000 |
| 28 | 1.61400 | SISMA | LinStatic | 0.000 | 436.665 | 0.000 | 0.0000 | 0.0000 |
| 28 | 2.01750 | SISMA | LinStatic | 0.000 | 485.183 | 0.000 | 0.0000 | 0.0000 |
| 29 | 0.00000 | SLE | LinStatic | 0.000 | 427.662 | 0.000 | 0.0000 | 0.0000 |
| 29 | 0.40350 | SLE | LinStatic | 0.000 | 470.429 | 0.000 | 0.0000 | 0.0000 |
| 29 | 0.80700 | SLE | LinStatic | 0.000 | 513.195 | 0.000 | 0.0000 | 0.0000 |
| 29 | 1.21050 | SLE | LinStatic | 0.000 | 555.961 | 0.000 | 0.0000 | 0.0000 |
| 29 | 1.61400 | SLE | LinStatic | 0.000 | 598.727 | 0.000 | 0.0000 | 0.0000 |
| 29 | 2.01750 | SLE | LinStatic | 0.000 | 641.494 | 0.000 | 0.0000 | 0.0000 |
| 29 | 0.00000 | SLU | LinStatic | 0.000 | 555.961 | 0.000 | 0.0000 | 0.0000 |
| 29 | 0.40350 | SLU | LinStatic | 0.000 | 611.557 | 0.000 | 0.0000 | 0.0000 |
| 29 | 0.80700 | SLU | LinStatic | 0.000 | 667.153 | 0.000 | 0.0000 | 0.0000 |
| 29 | 1.21050 | SLU | LinStatic | 0.000 | 722.749 | 0.000 | 0.0000 | 0.0000 |
| 29 | 1.61400 | SLU | LinStatic | 0.000 | 778.345 | 0.000 | 0.0000 | 0.0000 |
| 29 | 2.01750 | SLU | LinStatic | 0.000 | 833.942 | 0.000 | 0.0000 | 0.0000 |
| 29 | 0.00000 | SISMA | LinStatic | 0.000 | 485.183 | 0.000 | 0.0000 | 0.0000 |
| 29 | 0.40350 | SISMA | LinStatic | 0.000 | 533.701 | 0.000 | 0.0000 | 0.0000 |
| 29 | 0.80700 | SISMA | LinStatic | 0.000 | 582.220 | 0.000 | 0.0000 | 0.0000 |
| 29 | 1.21050 | SISMA | LinStatic | 0.000 | 630.738 | 0.000 | 0.0000 | 0.0000 |
| 29 | 1.61400 | SISMA | LinStatic | 0.000 | 679.256 | 0.000 | 0.0000 | 0.0000 |
| 29 | 2.01750 | SISMA | LinStatic | 0.000 | 727.774 | 0.000 | 0.0000 | 0.0000 |
| 30 | 0.00000 | SLE | LinStatic | 0.000 | 641.494 | 0.000 | 0.0000 | 0.0000 |
| 30 | 0.40350 | SLE | LinStatic | 0.000 | 684.260 | 0.000 | 0.0000 | 0.0000 |
| 30 | 0.80700 | SLE | LinStatic | 0.000 | 727.026 | 0.000 | 0.0000 | 0.0000 |
| 30 | 1.21050 | SLE | LinStatic | 0.000 | 769.792 | 0.000 | 0.0000 | 0.0000 |
| 30 | 1.61400 | SLE | LinStatic | 0.000 | 812.558 | 0.000 | 0.0000 | 0.0000 |
| 30 | 2.01750 | SLE | LinStatic | 0.000 | 855.325 | 0.000 | 0.0000 | 0.0000 |
| 30 | 0.00000 | SLU | LinStatic | 0.000 | 833.942 | 0.000 | 0.0000 | 0.0000 |
| 30 | 0.40350 | SLU | LinStatic | 0.000 | 889.538 | 0.000 | 0.0000 | 0.0000 |
| 30 | 0.80700 | SLU | LinStatic | 0.000 | 945.134 | 0.000 | 0.0000 | 0.0000 |
| 30 | 1.21050 | SLU | LinStatic | 0.000 | 1000.730 | 0.000 | 0.0000 | 0.0000 |
| 30 | 1.61400 | SLU | LinStatic | 0.000 | 1056.326 | 0.000 | 0.0000 | 0.0000 |
| 30 | 2.01750 | SLU | LinStatic | 0.000 | 1111.922 | 0.000 | 0.0000 | 0.0000 |
| 30 | 0.00000 | SISMA | LinStatic | 0.000 | 727.774 | 0.000 | 0.0000 | 0.0000 |
| 30 | 0.40350 | SISMA | LinStatic | 0.000 | 776.293 | 0.000 | 0.0000 | 0.0000 |
| 30 | 0.80700 | SISMA | LinStatic | 0.000 | 824.811 | 0.000 | 0.0000 | 0.0000 |
| 30 | 1.21050 | SISMA | LinStatic | 0.000 | 873.329 | 0.000 | 0.0000 | 0.0000 |
| 30 | 1.61400 | SISMA | LinStatic | 0.000 | 921.848 | 0.000 | 0.0000 | 0.0000 |
| 30 | 2.01750 | SISMA | LinStatic | 0.000 | 970.366 | 0.000 | 0.0000 | 0.0000 |

Table: Element Forces - Frames, Part 2 of 3

Table: Element Forces - Frames, Part 2 of 3

| Frame | Station m | OutputCase | M3 KN-m | S11Max KN/m2 | PtS11Max | x2S11Max m | x3S11Max m | S11Min KN/m2 |
|-------|--------------|------------|------------|-----------------|----------|---------------|---------------|-----------------|
| 15 | 0.0000 | SLE | -2300.8234 | 5392.55 | 3 | 0.800000 | -0.500000 | -5392.55 |
| 15 | 0.40350 | SLE | -1964.3280 | 4603.89 | 3 | 0.800000 | -0.500000 | -4603.89 |
| 15 | 0.80700 | SLE | -1645.0887 | 3855.68 | 3 | 0.800000 | -0.500000 | -3855.68 |
| 15 | 1.21050 | SLE | -1343.1057 | 3147.90 | 3 | 0.800000 | -0.500000 | -3147.90 |
| 15 | 1.61400 | SLE | -1058.3788 | 2480.58 | 3 | 0.800000 | -0.500000 | -2480.58 |
| 15 | 2.01750 | SLE | -790.9080 | 1853.69 | 3 | 0.800000 | -0.500000 | -1853.69 |
| 15 | 0.00000 | SLU | -2991.0704 | 7010.32 | 3 | 0.800000 | -0.500000 | -7010.32 |
| 15 | 0.40350 | SLU | -2553.6264 | 5985.06 | 3 | 0.800000 | -0.500000 | -5985.06 |
| 15 | 0.80700 | SLU | -2138.6153 | 5012.38 | 3 | 0.800000 | -0.500000 | -5012.38 |
| 15 | 1.21050 | SLU | -1746.0373 | 4092.28 | 3 | 0.800000 | -0.500000 | -4092.28 |
| 15 | 1.61400 | SLU | -1375.8924 | 3224.75 | 3 | 0.800000 | -0.500000 | -3224.75 |
| 15 | 2.01750 | SLU | -1028.1805 | 2409.80 | 3 | 0.800000 | -0.500000 | -2409.80 |
| 15 | 0.00000 | SISMA | -2610.2841 | 6117.85 | 3 | 0.800000 | -0.500000 | -6117.85 |
| 15 | 0.40350 | SISMA | -2228.5301 | 5223.12 | 3 | 0.800000 | -0.500000 | -5223.12 |
| 15 | 0.80700 | SISMA | -1866.3532 | 4374.27 | 3 | 0.800000 | -0.500000 | -4374.27 |
| 15 | 1.21050 | SISMA | -1523.7534 | 3571.30 | 3 | 0.800000 | -0.500000 | -3571.30 |
| 15 | 1.61400 | SISMA | -1200.7307 | 2814.21 | 3 | 0.800000 | -0.500000 | -2814.21 |
| 15 | 2.01750 | SISMA | -897.2852 | 2103.01 | 3 | 0.800000 | -0.500000 | -2103.01 |
| 16 | 0.00000 | SLE | -790.9080 | 1853.69 | 3 | 0.800000 | -0.500000 | -1853.69 |
| 16 | 0.40350 | SLE | -540.6935 | 1267.25 | 3 | 0.800000 | -0.500000 | -1267.25 |
| 16 | 0.80700 | SLE | -307.7351 | 721.25 | 3 | 0.800000 | -0.500000 | -721.25 |
| 16 | 1.21050 | SLE | -92.0329 | 215.70 | 3 | 0.800000 | -0.500000 | -215.70 |
| 16 | 1.61400 | SLE | 106.4131 | 249.41 | 1 | -0.800000 | -0.500000 | -249.41 |
| 16 | 2.01750 | SLE | 287.6029 | 674.07 | 1 | -0.800000 | -0.500000 | -674.07 |
| 16 | 0.00000 | SLU | -1028.1805 | 2409.80 | 3 | 0.800000 | -0.500000 | -2409.80 |
| 16 | 0.40350 | SLU | -702.9015 | 1647.43 | 3 | 0.800000 | -0.500000 | -1647.43 |
| 16 | 0.80700 | SLU | -400.0557 | 937.63 | 3 | 0.800000 | -0.500000 | -937.63 |
| 16 | 1.21050 | SLU | -119.6428 | 280.41 | 3 | 0.800000 | -0.500000 | -280.41 |
| 16 | 1.61400 | SLU | 138.3370 | 324.23 | 1 | -0.800000 | -0.500000 | -324.23 |
| 16 | 2.01750 | SLU | 373.8838 | 876.29 | 1 | -0.800000 | -0.500000 | -876.29 |
| 16 | 0.00000 | SISMA | -897.2852 | 2103.01 | 3 | 0.800000 | -0.500000 | -2103.01 |
| 16 | 0.40350 | SISMA | -613.4168 | 1437.70 | 3 | 0.800000 | -0.500000 | -1437.70 |
| 16 | 0.80700 | SISMA | -349.1255 | 818.26 | 3 | 0.800000 | -0.500000 | -818.26 |
| 16 | 1.21050 | SISMA | -104.4114 | 244.71 | 3 | 0.800000 | -0.500000 | -244.71 |
| 16 | 1.61400 | SISMA | 120.7256 | 282.95 | 1 | -0.800000 | -0.500000 | -282.95 |
| 16 | 2.01750 | SISMA | 326.2855 | 764.73 | 1 | -0.800000 | -0.500000 | -764.73 |
| 17 | 0.00000 | SLE | 287.6029 | 674.07 | 1 | -0.800000 | -0.500000 | -674.07 |
| 17 | 0.40350 | SLE | 451.5366 | 1058.29 | 1 | -0.800000 | -0.500000 | -1058.29 |
| 17 | 0.80700 | SLE | 598.2141 | 1402.06 | 1 | -0.800000 | -0.500000 | -1402.06 |
| 17 | 1.21050 | SLE | 727.6354 | 1705.40 | 1 | -0.800000 | -0.500000 | -1705.40 |
| 17 | 1.61400 | SLE | 839.8005 | 1968.28 | 1 | -0.800000 | -0.500000 | -1968.28 |
| 17 | 2.01750 | SLE | 934.7095 | 2190.73 | 1 | -0.800000 | -0.500000 | -2190.73 |
| 17 | 0.00000 | SLU | 373.8838 | 876.29 | 1 | -0.800000 | -0.500000 | -876.29 |
| 17 | 0.40350 | SLU | 586.9976 | 1375.78 | 1 | -0.800000 | -0.500000 | -1375.78 |
| 17 | 0.80700 | SLU | 777.6783 | 1822.68 | 1 | -0.800000 | -0.500000 | -1822.68 |
| 17 | 1.21050 | SLU | 945.9260 | 2217.01 | 1 | -0.800000 | -0.500000 | -2217.01 |
| 17 | 1.61400 | SLU | 1091.7407 | 2558.77 | 1 | -0.800000 | -0.500000 | -2558.77 |
| 17 | 2.01750 | SLU | 1215.1224 | 2847.94 | 1 | -0.800000 | -0.500000 | -2847.94 |
| 17 | 0.00000 | SISMA | 326.2855 | 764.73 | 1 | -0.800000 | -0.500000 | -764.73 |
| 17 | 0.40350 | SISMA | 512.2683 | 1200.63 | 1 | -0.800000 | -0.500000 | -1200.63 |
| 17 | 0.80700 | SISMA | 678.6739 | 1590.64 | 1 | -0.800000 | -0.500000 | -1590.64 |
| 17 | 1.21050 | SISMA | 825.5024 | 1934.77 | 1 | -0.800000 | -0.500000 | -1934.77 |
| 17 | 1.61400 | SISMA | 952.7537 | 2233.02 | 1 | -0.800000 | -0.500000 | -2233.02 |
| 17 | 2.01750 | SISMA | 1060.4279 | 2485.38 | 1 | -0.800000 | -0.500000 | -2485.38 |
| 18 | 0.00000 | SLE | 934.7095 | 2190.73 | 1 | -0.800000 | -0.500000 | -2190.73 |
| 18 | 0.40350 | SLE | 1012.3623 | 2372.72 | 1 | -0.800000 | -0.500000 | -2372.72 |

Table: Element Forces - Frames, Part 2 of 3

| Frame | Station m | OutputCase | M3 KN-m | S11Max KN/m2 | PtS11Max | x2S11Max m | x3S11Max m | S11Min KN/m2 |
|-------|--------------|------------|------------|-----------------|----------|---------------|---------------|-----------------|
| 18 | 0.80700 | SLE | 1072.7589 | 2514.28 | 1 | -0.800000 | -0.500000 | -2514.28 |
| 18 | 1.21050 | SLE | 1115.8993 | 2615.39 | 1 | -0.800000 | -0.500000 | -2615.39 |
| 18 | 1.61400 | SLE | 1141.7836 | 2676.06 | 1 | -0.800000 | -0.500000 | -2676.06 |
| 18 | 2.01750 | SLE | 1150.4117 | 2696.28 | 1 | -0.800000 | -0.500000 | -2696.28 |
| 18 | 0.00000 | SLU | 1215.1224 | 2847.94 | 1 | -0.800000 | -0.500000 | -2847.94 |
| 18 | 0.40350 | SLU | 1316.0710 | 3084.54 | 1 | -0.800000 | -0.500000 | -3084.54 |
| 18 | 0.80700 | SLU | 1394.5866 | 3268.56 | 1 | -0.800000 | -0.500000 | -3268.56 |
| 18 | 1.21050 | SLU | 1450.6691 | 3400.01 | 1 | -0.800000 | -0.500000 | -3400.01 |
| 18 | 1.61400 | SLU | 1484.3187 | 3478.87 | 1 | -0.800000 | -0.500000 | -3478.87 |
| 18 | 2.01750 | SLU | 1495.5352 | 3505.16 | 1 | -0.800000 | -0.500000 | -3505.16 |
| 18 | 0.00000 | SISMA | 1060.4279 | 2485.38 | 1 | -0.800000 | -0.500000 | -2485.38 |
| 18 | 0.40350 | SISMA | 1148.5250 | 2691.86 | 1 | -0.800000 | -0.500000 | -2691.86 |
| 18 | 0.80700 | SISMA | 1217.0450 | 2852.45 | 1 | -0.800000 | -0.500000 | -2852.45 |
| 18 | 1.21050 | SISMA | 1265.9878 | 2967.16 | 1 | -0.800000 | -0.500000 | -2967.16 |
| 18 | 1.61400 | SISMA | 1295.3535 | 3035.98 | 1 | -0.800000 | -0.500000 | -3035.98 |
| 18 | 2.01750 | SISMA | 1305.1421 | 3058.93 | 1 | -0.800000 | -0.500000 | -3058.93 |
| 19 | 0.00000 | SLE | 1150.4117 | 2696.28 | 1 | -0.800000 | -0.500000 | -2696.28 |
| 19 | 0.40350 | SLE | 1141.7836 | 2676.06 | 1 | -0.800000 | -0.500000 | -2676.06 |
| 19 | 0.80700 | SLE | 1115.8993 | 2615.39 | 1 | -0.800000 | -0.500000 | -2615.39 |
| 19 | 1.21050 | SLE | 1072.7589 | 2514.28 | 1 | -0.800000 | -0.500000 | -2514.28 |
| 19 | 1.61400 | SLE | 1012.3623 | 2372.72 | 1 | -0.800000 | -0.500000 | -2372.72 |
| 19 | 2.01750 | SLE | 934.7095 | 2190.73 | 1 | -0.800000 | -0.500000 | -2190.73 |
| 19 | 0.00000 | SLU | 1495.5352 | 3505.16 | 1 | -0.800000 | -0.500000 | -3505.16 |
| 19 | 0.40350 | SLU | 1484.3187 | 3478.87 | 1 | -0.800000 | -0.500000 | -3478.87 |
| 19 | 0.80700 | SLU | 1450.6691 | 3400.01 | 1 | -0.800000 | -0.500000 | -3400.01 |
| 19 | 1.21050 | SLU | 1394.5866 | 3268.56 | 1 | -0.800000 | -0.500000 | -3268.56 |
| 19 | 1.61400 | SLU | 1316.0710 | 3084.54 | 1 | -0.800000 | -0.500000 | -3084.54 |
| 19 | 2.01750 | SLU | 1215.1224 | 2847.94 | 1 | -0.800000 | -0.500000 | -2847.94 |
| 19 | 0.00000 | SISMA | 1305.1421 | 3058.93 | 1 | -0.800000 | -0.500000 | -3058.93 |
| 19 | 0.40350 | SISMA | 1295.3535 | 3035.98 | 1 | -0.800000 | -0.500000 | -3035.98 |
| 19 | 0.80700 | SISMA | 1265.9878 | 2967.16 | 1 | -0.800000 | -0.500000 | -2967.16 |
| 19 | 1.21050 | SISMA | 1217.0450 | 2852.45 | 1 | -0.800000 | -0.500000 | -2852.45 |
| 19 | 1.61400 | SISMA | 1148.5250 | 2691.86 | 1 | -0.800000 | -0.500000 | -2691.86 |
| 19 | 2.01750 | SISMA | 1060.4279 | 2485.38 | 1 | -0.800000 | -0.500000 | -2485.38 |
| 20 | 0.00000 | SLE | 934.7095 | 2190.73 | 1 | -0.800000 | -0.500000 | -2190.73 |
| 20 | 0.40350 | SLE | 839.8005 | 1968.28 | 1 | -0.800000 | -0.500000 | -1968.28 |
| 20 | 0.80700 | SLE | 727.6354 | 1705.40 | 1 | -0.800000 | -0.500000 | -1705.40 |
| 20 | 1.21050 | SLE | 598.2141 | 1402.06 | 1 | -0.800000 | -0.500000 | -1402.06 |
| 20 | 1.61400 | SLE | 451.5366 | 1058.29 | 1 | -0.800000 | -0.500000 | -1058.29 |
| 20 | 2.01750 | SLE | 287.6029 | 674.07 | 1 | -0.800000 | -0.500000 | -674.07 |
| 20 | 0.00000 | SLU | 1215.1224 | 2847.94 | 1 | -0.800000 | -0.500000 | -2847.94 |
| 20 | 0.40350 | SLU | 1091.7407 | 2558.77 | 1 | -0.800000 | -0.500000 | -2558.77 |
| 20 | 0.80700 | SLU | 945.9260 | 2217.01 | 1 | -0.800000 | -0.500000 | -2217.01 |
| 20 | 1.21050 | SLU | 777.6783 | 1822.68 | 1 | -0.800000 | -0.500000 | -1822.68 |
| 20 | 1.61400 | SLU | 586.9976 | 1375.78 | 1 | -0.800000 | -0.500000 | -1375.78 |
| 20 | 2.01750 | SLU | 373.8838 | 876.29 | 1 | -0.800000 | -0.500000 | -876.29 |
| 20 | 0.00000 | SISMA | 1060.4279 | 2485.38 | 1 | -0.800000 | -0.500000 | -2485.38 |
| 20 | 0.40350 | SISMA | 952.7537 | 2233.02 | 1 | -0.800000 | -0.500000 | -2233.02 |
| 20 | 0.80700 | SISMA | 825.5024 | 1934.77 | 1 | -0.800000 | -0.500000 | -1934.77 |
| 20 | 1.21050 | SISMA | 678.6739 | 1590.64 | 1 | -0.800000 | -0.500000 | -1590.64 |
| 20 | 1.61400 | SISMA | 512.2683 | 1200.63 | 1 | -0.800000 | -0.500000 | -1200.63 |
| 20 | 2.01750 | SISMA | 326.2855 | 764.73 | 1 | -0.800000 | -0.500000 | -764.73 |
| 21 | 0.00000 | SLE | 287.6029 | 674.07 | 1 | -0.800000 | -0.500000 | -674.07 |
| 21 | 0.40350 | SLE | 106.4131 | 249.41 | 1 | -0.800000 | -0.500000 | -249.41 |
| 21 | 0.80700 | SLE | -92.0329 | 215.70 | 3 | 0.800000 | -0.500000 | -215.70 |
| 21 | 1.21050 | SLE | -307.7351 | 721.25 | 3 | 0.800000 | -0.500000 | -721.25 |
| 21 | 1.61400 | SLE | -540.6935 | 1267.25 | 3 | 0.800000 | -0.500000 | -1267.25 |
| 21 | 2.01750 | SLE | -790.9080 | 1853.69 | 3 | 0.800000 | -0.500000 | -1853.69 |
| 21 | 0.00000 | SLU | 373.8838 | 876.29 | 1 | -0.800000 | -0.500000 | -876.29 |

Table: Element Forces - Frames, Part 2 of 3

| Frame | Station m | OutputCase | M3 KN-m | S11Max KN/m2 | PtS11Max | x2S11Max m | x3S11Max m | S11Min KN/m2 |
|-------|--------------|------------|------------|-----------------|----------|---------------|---------------|-----------------|
| 21 | 0.40350 | SLU | 138.3370 | 324.23 | 1 | -0.800000 | -0.500000 | -324.23 |
| 21 | 0.80700 | SLU | -119.6428 | 280.41 | 3 | 0.800000 | -0.500000 | -280.41 |
| 21 | 1.21050 | SLU | -400.0557 | 937.63 | 3 | 0.800000 | -0.500000 | -937.63 |
| 21 | 1.61400 | SLU | -702.9015 | 1647.43 | 3 | 0.800000 | -0.500000 | -1647.43 |
| 21 | 2.01750 | SLU | -1028.1805 | 2409.80 | 3 | 0.800000 | -0.500000 | -2409.80 |
| 21 | 0.00000 | SISMA | 326.2855 | 764.73 | 1 | -0.800000 | -0.500000 | -764.73 |
| 21 | 0.40350 | SISMA | 120.7256 | 282.95 | 1 | -0.800000 | -0.500000 | -282.95 |
| 21 | 0.80700 | SISMA | -104.4114 | 244.71 | 3 | 0.800000 | -0.500000 | -244.71 |
| 21 | 1.21050 | SISMA | -349.1255 | 818.26 | 3 | 0.800000 | -0.500000 | -818.26 |
| 21 | 1.61400 | SISMA | -613.4168 | 1437.70 | 3 | 0.800000 | -0.500000 | -1437.70 |
| 21 | 2.01750 | SISMA | -897.2852 | 2103.01 | 3 | 0.800000 | -0.500000 | -2103.01 |
| 22 | 0.00000 | SLE | -790.9080 | 1853.69 | 3 | 0.800000 | -0.500000 | -1853.69 |
| 22 | 0.40350 | SLE | -1058.3788 | 2480.58 | 3 | 0.800000 | -0.500000 | -2480.58 |
| 22 | 0.80700 | SLE | -1343.1057 | 3147.90 | 3 | 0.800000 | -0.500000 | -3147.90 |
| 22 | 1.21050 | SLE | -1645.0887 | 3855.68 | 3 | 0.800000 | -0.500000 | -3855.68 |
| 22 | 1.61400 | SLE | -1964.3280 | 4603.89 | 3 | 0.800000 | -0.500000 | -4603.89 |
| 22 | 2.01750 | SLE | -2300.8234 | 5392.55 | 3 | 0.800000 | -0.500000 | -5392.55 |
| 22 | 0.00000 | SLU | -1028.1805 | 2409.80 | 3 | 0.800000 | -0.500000 | -2409.80 |
| 22 | 0.40350 | SLU | -1375.8924 | 3224.75 | 3 | 0.800000 | -0.500000 | -3224.75 |
| 22 | 0.80700 | SLU | -1746.0373 | 4092.28 | 3 | 0.800000 | -0.500000 | -4092.28 |
| 22 | 1.21050 | SLU | -2138.6153 | 5012.38 | 3 | 0.800000 | -0.500000 | -5012.38 |
| 22 | 1.61400 | SLU | -2553.6264 | 5985.06 | 3 | 0.800000 | -0.500000 | -5985.06 |
| 22 | 2.01750 | SLU | -2991.0704 | 7010.32 | 3 | 0.800000 | -0.500000 | -7010.32 |
| 22 | 0.00000 | SISMA | -897.2852 | 2103.01 | 3 | 0.800000 | -0.500000 | -2103.01 |
| 22 | 0.40350 | SISMA | -1200.7307 | 2814.21 | 3 | 0.800000 | -0.500000 | -2814.21 |
| 22 | 0.80700 | SISMA | -1523.7534 | 3571.30 | 3 | 0.800000 | -0.500000 | -3571.30 |
| 22 | 1.21050 | SISMA | -1866.3532 | 4374.27 | 3 | 0.800000 | -0.500000 | -4374.27 |
| 22 | 1.61400 | SISMA | -2228.5301 | 5223.12 | 3 | 0.800000 | -0.500000 | -5223.12 |
| 22 | 2.01750 | SISMA | -2610.2841 | 6117.85 | 3 | 0.800000 | -0.500000 | -6117.85 |
| 23 | 0.00000 | SLE | 0.0000 | 0.00 | 0 | 0.000000 | 0.000000 | 0.00 |
| 23 | 0.40350 | SLE | 336.4954 | 788.66 | 1 | -0.800000 | -0.500000 | -788.66 |
| 23 | 0.80700 | SLE | 655.7347 | 1536.88 | 1 | -0.800000 | -0.500000 | -1536.88 |
| 23 | 1.21050 | SLE | 957.7177 | 2244.65 | 1 | -0.800000 | -0.500000 | -2244.65 |
| 23 | 1.61400 | SLE | 1242.4446 | 2911.98 | 1 | -0.800000 | -0.500000 | -2911.98 |
| 23 | 2.01750 | SLE | 1509.9153 | 3538.86 | 1 | -0.800000 | -0.500000 | -3538.86 |
| 23 | 0.00000 | SLU | 3.638E-12 | 8.527E-12 | 1 | -0.800000 | -0.500000 | -8.527E-12 |
| 23 | 0.40350 | SLU | 437.4440 | 1025.26 | 1 | -0.800000 | -0.500000 | -1025.26 |
| 23 | 0.80700 | SLU | 852.4551 | 1997.94 | 1 | -0.800000 | -0.500000 | -1997.94 |
| 23 | 1.21050 | SLU | 1245.0331 | 2918.05 | 1 | -0.800000 | -0.500000 | -2918.05 |
| 23 | 1.61400 | SLU | 1615.1780 | 3785.57 | 1 | -0.800000 | -0.500000 | -3785.57 |
| 23 | 2.01750 | SLU | 1962.8900 | 4600.52 | 1 | -0.800000 | -0.500000 | -4600.52 |
| 23 | 0.00000 | SISMA | 0.0000 | 0.00 | 0 | 0.000000 | 0.000000 | 0.00 |
| 23 | 0.40350 | SISMA | 381.7541 | 894.74 | 1 | -0.800000 | -0.500000 | -894.74 |
| 23 | 0.80700 | SISMA | 743.9310 | 1743.59 | 1 | -0.800000 | -0.500000 | -1743.59 |
| 23 | 1.21050 | SISMA | 1086.5308 | 2546.56 | 1 | -0.800000 | -0.500000 | -2546.56 |
| 23 | 1.61400 | SISMA | 1409.5534 | 3303.64 | 1 | -0.800000 | -0.500000 | -3303.64 |
| 23 | 2.01750 | SISMA | 1712.9990 | 4014.84 | 1 | -0.800000 | -0.500000 | -4014.84 |
| 24 | 0.00000 | SLE | 1509.9153 | 3538.86 | 1 | -0.800000 | -0.500000 | -3538.86 |
| 24 | 0.40350 | SLE | 1760.1299 | 4125.30 | 1 | -0.800000 | -0.500000 | -4125.30 |
| 24 | 0.80700 | SLE | 1993.0883 | 4671.30 | 1 | -0.800000 | -0.500000 | -4671.30 |
| 24 | 1.21050 | SLE | 2208.7905 | 5176.85 | 1 | -0.800000 | -0.500000 | -5176.85 |
| 24 | 1.61400 | SLE | 2407.2365 | 5641.96 | 1 | -0.800000 | -0.500000 | -5641.96 |
| 24 | 2.01750 | SLE | 2588.4263 | 6066.62 | 1 | -0.800000 | -0.500000 | -6066.62 |
| 24 | 0.00000 | SLU | 1962.8900 | 4600.52 | 1 | -0.800000 | -0.500000 | -4600.52 |
| 24 | 0.40350 | SLU | 2288.1689 | 5362.90 | 1 | -0.800000 | -0.500000 | -5362.90 |
| 24 | 0.80700 | SLU | 2591.0147 | 6072.69 | 1 | -0.800000 | -0.500000 | -6072.69 |
| 24 | 1.21050 | SLU | 2871.4276 | 6729.91 | 1 | -0.800000 | -0.500000 | -6729.91 |
| 24 | 1.61400 | SLU | 3129.4074 | 7334.55 | 1 | -0.800000 | -0.500000 | -7334.55 |
| 24 | 2.01750 | SLU | 3364.9542 | 7886.61 | 1 | -0.800000 | -0.500000 | -7886.61 |

Table: Element Forces - Frames, Part 2 of 3

| Frame | Station m | OutputCase | M3 KN-m | S11Max KN/m2 | PtS11Max | x2S11Max m | x3S11Max m | S11Min KN/m2 |
|-------|--------------|------------|------------|-----------------|----------|---------------|---------------|-----------------|
| 24 | 0.00000 | SISMA | 1712.9990 | 4014.84 | 1 | -0.800000 | -0.500000 | -4014.84 |
| 24 | 0.40350 | SISMA | 1996.8674 | 4680.16 | 1 | -0.800000 | -0.500000 | -4680.16 |
| 24 | 0.80700 | SISMA | 2261.1586 | 5299.59 | 1 | -0.800000 | -0.500000 | -5299.59 |
| 24 | 1.21050 | SISMA | 2505.8728 | 5873.14 | 1 | -0.800000 | -0.500000 | -5873.14 |
| 24 | 1.61400 | SISMA | 2731.0098 | 6400.80 | 1 | -0.800000 | -0.500000 | -6400.80 |
| 24 | 2.01750 | SISMA | 2936.5696 | 6882.59 | 1 | -0.800000 | -0.500000 | -6882.59 |
| 25 | 0.00000 | SLE | 2588.4263 | 6066.62 | 1 | -0.800000 | -0.500000 | -6066.62 |
| 25 | 0.40350 | SLE | 2752.3600 | 6450.84 | 1 | -0.800000 | -0.500000 | -6450.84 |
| 25 | 0.80700 | SLE | 2899.0375 | 6794.62 | 1 | -0.800000 | -0.500000 | -6794.62 |
| 25 | 1.21050 | SLE | 3028.4588 | 7097.95 | 1 | -0.800000 | -0.500000 | -7097.95 |
| 25 | 1.61400 | SLE | 3140.6239 | 7360.84 | 1 | -0.800000 | -0.500000 | -7360.84 |
| 25 | 2.01750 | SLE | 3235.5329 | 7583.28 | 1 | -0.800000 | -0.500000 | -7583.28 |
| 25 | 0.00000 | SLU | 3364.9542 | 7886.61 | 1 | -0.800000 | -0.500000 | -7886.61 |
| 25 | 0.40350 | SLU | 3578.0680 | 8386.10 | 1 | -0.800000 | -0.500000 | -8386.10 |
| 25 | 0.80700 | SLU | 3768.7487 | 8833.00 | 1 | -0.800000 | -0.500000 | -8833.00 |
| 25 | 1.21050 | SLU | 3936.9964 | 9227.34 | 1 | -0.800000 | -0.500000 | -9227.34 |
| 25 | 1.61400 | SLU | 4082.8111 | 9569.09 | 1 | -0.800000 | -0.500000 | -9569.09 |
| 25 | 2.01750 | SLU | 4206.1928 | 9858.26 | 1 | -0.800000 | -0.500000 | -9858.26 |
| 25 | 0.00000 | SISMA | 2936.5696 | 6882.59 | 1 | -0.800000 | -0.500000 | -6882.59 |
| 25 | 0.40350 | SISMA | 3122.5524 | 7318.48 | 1 | -0.800000 | -0.500000 | -7318.48 |
| 25 | 0.80700 | SISMA | 3288.9580 | 7708.50 | 1 | -0.800000 | -0.500000 | -7708.50 |
| 25 | 1.21050 | SISMA | 3435.7865 | 8052.62 | 1 | -0.800000 | -0.500000 | -8052.62 |
| 25 | 1.61400 | SISMA | 3563.0378 | 8350.87 | 1 | -0.800000 | -0.500000 | -8350.87 |
| 25 | 2.01750 | SISMA | 3670.7121 | 8603.23 | 1 | -0.800000 | -0.500000 | -8603.23 |
| 26 | 0.00000 | SLE | 3235.5329 | 7583.28 | 1 | -0.800000 | -0.500000 | -7583.28 |
| 26 | 0.40350 | SLE | 3313.1857 | 7765.28 | 1 | -0.800000 | -0.500000 | -7765.28 |
| 26 | 0.80700 | SLE | 3373.5823 | 7906.83 | 1 | -0.800000 | -0.500000 | -7906.83 |
| 26 | 1.21050 | SLE | 3416.7227 | 8007.94 | 1 | -0.800000 | -0.500000 | -8007.94 |
| 26 | 1.61400 | SLE | 3442.6070 | 8068.61 | 1 | -0.800000 | -0.500000 | -8068.61 |
| 26 | 2.01750 | SLE | 3451.2351 | 8088.83 | 1 | -0.800000 | -0.500000 | -8088.83 |
| 26 | 0.00000 | SLU | 4206.1928 | 9858.26 | 1 | -0.800000 | -0.500000 | -9858.26 |
| 26 | 0.40350 | SLU | 4307.1414 | 10094.86 | 1 | -0.800000 | -0.500000 | -10094.86 |
| 26 | 0.80700 | SLU | 4385.6570 | 10278.88 | 1 | -0.800000 | -0.500000 | -10278.88 |
| 26 | 1.21050 | SLU | 4441.7395 | 10410.33 | 1 | -0.800000 | -0.500000 | -10410.33 |
| 26 | 1.61400 | SLU | 4475.3891 | 10489.19 | 1 | -0.800000 | -0.500000 | -10489.19 |
| 26 | 2.01750 | SLU | 4486.6056 | 10515.48 | 1 | -0.800000 | -0.500000 | -10515.48 |
| 26 | 0.00000 | SISMA | 3670.7121 | 8603.23 | 1 | -0.800000 | -0.500000 | -8603.23 |
| 26 | 0.40350 | SISMA | 3758.8092 | 8809.71 | 1 | -0.800000 | -0.500000 | -8809.71 |
| 26 | 0.80700 | SISMA | 3827.3291 | 8970.30 | 1 | -0.800000 | -0.500000 | -8970.30 |
| 26 | 1.21050 | SISMA | 3876.2719 | 9085.01 | 1 | -0.800000 | -0.500000 | -9085.01 |
| 26 | 1.61400 | SISMA | 3905.6376 | 9153.84 | 1 | -0.800000 | -0.500000 | -9153.84 |
| 26 | 2.01750 | SISMA | 3915.4262 | 9176.78 | 1 | -0.800000 | -0.500000 | -9176.78 |
| 27 | 0.00000 | SLE | 3451.2351 | 8088.83 | 1 | -0.800000 | -0.500000 | -8088.83 |
| 27 | 0.40350 | SLE | 3442.6070 | 8068.61 | 1 | -0.800000 | -0.500000 | -8068.61 |
| 27 | 0.80700 | SLE | 3416.7227 | 8007.94 | 1 | -0.800000 | -0.500000 | -8007.94 |
| 27 | 1.21050 | SLE | 3373.5823 | 7906.83 | 1 | -0.800000 | -0.500000 | -7906.83 |
| 27 | 1.61400 | SLE | 3313.1857 | 7765.28 | 1 | -0.800000 | -0.500000 | -7765.28 |
| 27 | 2.01750 | SLE | 3235.5329 | 7583.28 | 1 | -0.800000 | -0.500000 | -7583.28 |
| 27 | 0.00000 | SLU | 4486.6056 | 10515.48 | 1 | -0.800000 | -0.500000 | -10515.48 |
| 27 | 0.40350 | SLU | 4475.3891 | 10489.19 | 1 | -0.800000 | -0.500000 | -10489.19 |
| 27 | 0.80700 | SLU | 4441.7395 | 10410.33 | 1 | -0.800000 | -0.500000 | -10410.33 |
| 27 | 1.21050 | SLU | 4385.6570 | 10278.88 | 1 | -0.800000 | -0.500000 | -10278.88 |
| 27 | 1.61400 | SLU | 4307.1414 | 10094.86 | 1 | -0.800000 | -0.500000 | -10094.86 |
| 27 | 2.01750 | SLU | 4206.1928 | 9858.26 | 1 | -0.800000 | -0.500000 | -9858.26 |
| 27 | 0.00000 | SISMA | 3915.4262 | 9176.78 | 1 | -0.800000 | -0.500000 | -9176.78 |
| 27 | 0.40350 | SISMA | 3905.6376 | 9153.84 | 1 | -0.800000 | -0.500000 | -9153.84 |
| 27 | 0.80700 | SISMA | 3876.2719 | 9085.01 | 1 | -0.800000 | -0.500000 | -9085.01 |
| 27 | 1.21050 | SISMA | 3827.3291 | 8970.30 | 1 | -0.800000 | -0.500000 | -8970.30 |
| 27 | 1.61400 | SISMA | 3758.8092 | 8809.71 | 1 | -0.800000 | -0.500000 | -8809.71 |

Table: Element Forces - Frames, Part 2 of 3

| Frame | Station m | OutputCase | M3 KN-m | S11Max KN/m2 | PtS11Max | x2S11Max m | x3S11Max m | S11Min KN/m2 |
|-------|--------------|------------|------------|-----------------|----------|---------------|---------------|-----------------|
| 27 | 2.01750 | SISMA | 3670.7121 | 8603.23 | 1 | -0.800000 | -0.500000 | -8603.23 |
| 28 | 0.00000 | SLE | 3235.5329 | 7583.28 | 1 | -0.800000 | -0.500000 | -7583.28 |
| 28 | 0.40350 | SLE | 3140.6239 | 7360.84 | 1 | -0.800000 | -0.500000 | -7360.84 |
| 28 | 0.80700 | SLE | 3028.4588 | 7097.95 | 1 | -0.800000 | -0.500000 | -7097.95 |
| 28 | 1.21050 | SLE | 2899.0375 | 6794.62 | 1 | -0.800000 | -0.500000 | -6794.62 |
| 28 | 1.61400 | SLE | 2752.3600 | 6450.84 | 1 | -0.800000 | -0.500000 | -6450.84 |
| 28 | 2.01750 | SLE | 2588.4263 | 6066.62 | 1 | -0.800000 | -0.500000 | -6066.62 |
| 28 | 0.00000 | SLU | 4206.1928 | 9858.26 | 1 | -0.800000 | -0.500000 | -9858.26 |
| 28 | 0.40350 | SLU | 4082.8111 | 9569.09 | 1 | -0.800000 | -0.500000 | -9569.09 |
| 28 | 0.80700 | SLU | 3936.9964 | 9227.34 | 1 | -0.800000 | -0.500000 | -9227.34 |
| 28 | 1.21050 | SLU | 3768.7487 | 8833.00 | 1 | -0.800000 | -0.500000 | -8833.00 |
| 28 | 1.61400 | SLU | 3578.0680 | 8386.10 | 1 | -0.800000 | -0.500000 | -8386.10 |
| 28 | 2.01750 | SLU | 3364.9542 | 7886.61 | 1 | -0.800000 | -0.500000 | -7886.61 |
| 28 | 0.00000 | SISMA | 3670.7121 | 8603.23 | 1 | -0.800000 | -0.500000 | -8603.23 |
| 28 | 0.40350 | SISMA | 3563.0378 | 8350.87 | 1 | -0.800000 | -0.500000 | -8350.87 |
| 28 | 0.80700 | SISMA | 3435.7865 | 8052.62 | 1 | -0.800000 | -0.500000 | -8052.62 |
| 28 | 1.21050 | SISMA | 3288.9580 | 7708.50 | 1 | -0.800000 | -0.500000 | -7708.50 |
| 28 | 1.61400 | SISMA | 3122.5524 | 7318.48 | 1 | -0.800000 | -0.500000 | -7318.48 |
| 28 | 2.01750 | SISMA | 2936.5696 | 6882.59 | 1 | -0.800000 | -0.500000 | -6882.59 |
| 29 | 0.00000 | SLE | 2588.4263 | 6066.62 | 1 | -0.800000 | -0.500000 | -6066.62 |
| 29 | 0.40350 | SLE | 2407.2365 | 5641.96 | 1 | -0.800000 | -0.500000 | -5641.96 |
| 29 | 0.80700 | SLE | 2208.7905 | 5176.85 | 1 | -0.800000 | -0.500000 | -5176.85 |
| 29 | 1.21050 | SLE | 1993.0883 | 4671.30 | 1 | -0.800000 | -0.500000 | -4671.30 |
| 29 | 1.61400 | SLE | 1760.1299 | 4125.30 | 1 | -0.800000 | -0.500000 | -4125.30 |
| 29 | 2.01750 | SLE | 1509.9153 | 3538.86 | 1 | -0.800000 | -0.500000 | -3538.86 |
| 29 | 0.00000 | SLU | 3364.9542 | 7886.61 | 1 | -0.800000 | -0.500000 | -7886.61 |
| 29 | 0.40350 | SLU | 3129.4074 | 7334.55 | 1 | -0.800000 | -0.500000 | -7334.55 |
| 29 | 0.80700 | SLU | 2871.4276 | 6729.91 | 1 | -0.800000 | -0.500000 | -6729.91 |
| 29 | 1.21050 | SLU | 2591.0147 | 6072.69 | 1 | -0.800000 | -0.500000 | -6072.69 |
| 29 | 1.61400 | SLU | 2288.1689 | 5362.90 | 1 | -0.800000 | -0.500000 | -5362.90 |
| 29 | 2.01750 | SLU | 1962.8900 | 4600.52 | 1 | -0.800000 | -0.500000 | -4600.52 |
| 29 | 0.00000 | SISMA | 2936.5696 | 6882.59 | 1 | -0.800000 | -0.500000 | -6882.59 |
| 29 | 0.40350 | SISMA | 2731.0098 | 6400.80 | 1 | -0.800000 | -0.500000 | -6400.80 |
| 29 | 0.80700 | SISMA | 2505.8728 | 5873.14 | 1 | -0.800000 | -0.500000 | -5873.14 |
| 29 | 1.21050 | SISMA | 2261.1586 | 5299.59 | 1 | -0.800000 | -0.500000 | -5299.59 |
| 29 | 1.61400 | SISMA | 1996.8674 | 4680.16 | 1 | -0.800000 | -0.500000 | -4680.16 |
| 29 | 2.01750 | SISMA | 1712.9990 | 4014.84 | 1 | -0.800000 | -0.500000 | -4014.84 |
| 30 | 0.00000 | SLE | 1509.9153 | 3538.86 | 1 | -0.800000 | -0.500000 | -3538.86 |
| 30 | 0.40350 | SLE | 1242.4446 | 2911.98 | 1 | -0.800000 | -0.500000 | -2911.98 |
| 30 | 0.80700 | SLE | 957.7177 | 2244.65 | 1 | -0.800000 | -0.500000 | -2244.65 |
| 30 | 1.21050 | SLE | 655.7347 | 1536.88 | 1 | -0.800000 | -0.500000 | -1536.88 |
| 30 | 1.61400 | SLE | 336.4954 | 788.66 | 1 | -0.800000 | -0.500000 | -788.66 |
| 30 | 2.01750 | SLE | -2.440E-12 | 5.718E-12 | 3 | 0.800000 | -0.500000 | -5.718E-12 |
| 30 | 0.00000 | SLU | 1962.8900 | 4600.52 | 1 | -0.800000 | -0.500000 | -4600.52 |
| 30 | 0.40350 | SLU | 1615.1780 | 3785.57 | 1 | -0.800000 | -0.500000 | -3785.57 |
| 30 | 0.80700 | SLU | 1245.0331 | 2918.05 | 1 | -0.800000 | -0.500000 | -2918.05 |
| 30 | 1.21050 | SLU | 852.4551 | 1997.94 | 1 | -0.800000 | -0.500000 | -1997.94 |
| 30 | 1.61400 | SLU | 437.4440 | 1025.26 | 1 | -0.800000 | -0.500000 | -1025.26 |
| 30 | 2.01750 | SLU | -2.109E-12 | 4.942E-12 | 3 | 0.800000 | -0.500000 | -4.942E-12 |
| 30 | 0.00000 | SISMA | 1712.9990 | 4014.84 | 1 | -0.800000 | -0.500000 | -4014.84 |
| 30 | 0.40350 | SISMA | 1409.5534 | 3303.64 | 1 | -0.800000 | -0.500000 | -3303.64 |
| 30 | 0.80700 | SISMA | 1086.5308 | 2546.56 | 1 | -0.800000 | -0.500000 | -2546.56 |
| 30 | 1.21050 | SISMA | 743.9310 | 1743.59 | 1 | -0.800000 | -0.500000 | -1743.59 |
| 30 | 1.61400 | SISMA | 381.7541 | 894.74 | 1 | -0.800000 | -0.500000 | -894.74 |
| 30 | 2.01750 | SISMA | -2.261E-12 | 5.300E-12 | 3 | 0.800000 | -0.500000 | -5.300E-12 |

Table: Element Forces - Frames, Part 3 of 3

Table: Element Forces - Frames, Part 3 of 3

| Frame | Station m | OutputCase | PtS11Min | x2S11Min m | x3S11Min m | FrameElem | ElemStation m |
|-------|--------------|------------|----------|---------------|---------------|-----------|------------------|
| 15 | 0.00000 | SLE | 1 | -0.800000 | -0.500000 | 15-1 | 0.00000 |
| 15 | 0.40350 | SLE | 1 | -0.800000 | -0.500000 | 15-1 | 0.40350 |
| 15 | 0.80700 | SLE | 1 | -0.800000 | -0.500000 | 15-1 | 0.80700 |
| 15 | 1.21050 | SLE | 1 | -0.800000 | -0.500000 | 15-1 | 1.21050 |
| 15 | 1.61400 | SLE | 1 | -0.800000 | -0.500000 | 15-1 | 1.61400 |
| 15 | 2.01750 | SLE | 1 | -0.800000 | -0.500000 | 15-1 | 2.01750 |
| 15 | 0.00000 | SLU | 1 | -0.800000 | -0.500000 | 15-1 | 0.00000 |
| 15 | 0.40350 | SLU | 1 | -0.800000 | -0.500000 | 15-1 | 0.40350 |
| 15 | 0.80700 | SLU | 1 | -0.800000 | -0.500000 | 15-1 | 0.80700 |
| 15 | 1.21050 | SLU | 1 | -0.800000 | -0.500000 | 15-1 | 1.21050 |
| 15 | 1.61400 | SLU | 1 | -0.800000 | -0.500000 | 15-1 | 1.61400 |
| 15 | 2.01750 | SLU | 1 | -0.800000 | -0.500000 | 15-1 | 2.01750 |
| 15 | 0.00000 | SISMA | 1 | -0.800000 | -0.500000 | 15-1 | 0.00000 |
| 15 | 0.40350 | SISMA | 1 | -0.800000 | -0.500000 | 15-1 | 0.40350 |
| 15 | 0.80700 | SISMA | 1 | -0.800000 | -0.500000 | 15-1 | 0.80700 |
| 15 | 1.21050 | SISMA | 1 | -0.800000 | -0.500000 | 15-1 | 1.21050 |
| 15 | 1.61400 | SISMA | 1 | -0.800000 | -0.500000 | 15-1 | 1.61400 |
| 15 | 2.01750 | SISMA | 1 | -0.800000 | -0.500000 | 15-1 | 2.01750 |
| 16 | 0.00000 | SLE | 1 | -0.800000 | -0.500000 | 16-1 | 0.00000 |
| 16 | 0.40350 | SLE | 1 | -0.800000 | -0.500000 | 16-1 | 0.40350 |
| 16 | 0.80700 | SLE | 1 | -0.800000 | -0.500000 | 16-1 | 0.80700 |
| 16 | 1.21050 | SLE | 1 | -0.800000 | -0.500000 | 16-1 | 1.21050 |
| 16 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 16-1 | 1.61400 |
| 16 | 2.01750 | SLE | 3 | 0.800000 | -0.500000 | 16-1 | 2.01750 |
| 16 | 0.00000 | SLU | 1 | -0.800000 | -0.500000 | 16-1 | 0.00000 |
| 16 | 0.40350 | SLU | 1 | -0.800000 | -0.500000 | 16-1 | 0.40350 |
| 16 | 0.80700 | SLU | 1 | -0.800000 | -0.500000 | 16-1 | 0.80700 |
| 16 | 1.21050 | SLU | 1 | -0.800000 | -0.500000 | 16-1 | 1.21050 |
| 16 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 16-1 | 1.61400 |
| 16 | 2.01750 | SLU | 3 | 0.800000 | -0.500000 | 16-1 | 2.01750 |
| 16 | 0.00000 | SISMA | 1 | -0.800000 | -0.500000 | 16-1 | 0.00000 |
| 16 | 0.40350 | SISMA | 1 | -0.800000 | -0.500000 | 16-1 | 0.40350 |
| 16 | 0.80700 | SISMA | 1 | -0.800000 | -0.500000 | 16-1 | 0.80700 |
| 16 | 1.21050 | SISMA | 1 | -0.800000 | -0.500000 | 16-1 | 1.21050 |
| 16 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 16-1 | 1.61400 |
| 16 | 2.01750 | SISMA | 3 | 0.800000 | -0.500000 | 16-1 | 2.01750 |
| 17 | 0.00000 | SLE | 3 | 0.800000 | -0.500000 | 17-1 | 0.00000 |
| 17 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 17-1 | 0.40350 |
| 17 | 0.80700 | SLE | 3 | 0.800000 | -0.500000 | 17-1 | 0.80700 |
| 17 | 1.21050 | SLE | 3 | 0.800000 | -0.500000 | 17-1 | 1.21050 |
| 17 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 17-1 | 1.61400 |
| 17 | 2.01750 | SLE | 3 | 0.800000 | -0.500000 | 17-1 | 2.01750 |
| 17 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 17-1 | 0.00000 |
| 17 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 17-1 | 0.40350 |
| 17 | 0.80700 | SLU | 3 | 0.800000 | -0.500000 | 17-1 | 0.80700 |
| 17 | 1.21050 | SLU | 3 | 0.800000 | -0.500000 | 17-1 | 1.21050 |
| 17 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 17-1 | 1.61400 |
| 17 | 2.01750 | SLU | 3 | 0.800000 | -0.500000 | 17-1 | 2.01750 |
| 17 | 0.00000 | SISMA | 3 | 0.800000 | -0.500000 | 17-1 | 0.00000 |
| 17 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 17-1 | 0.40350 |
| 17 | 0.80700 | SISMA | 3 | 0.800000 | -0.500000 | 17-1 | 0.80700 |
| 17 | 1.21050 | SISMA | 3 | 0.800000 | -0.500000 | 17-1 | 1.21050 |
| 17 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 17-1 | 1.61400 |
| 17 | 2.01750 | SISMA | 3 | 0.800000 | -0.500000 | 17-1 | 2.01750 |
| 18 | 0.00000 | SLE | 3 | 0.800000 | -0.500000 | 18-1 | 0.00000 |
| 18 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 18-1 | 0.40350 |
| 18 | 0.80700 | SLE | 3 | 0.800000 | -0.500000 | 18-1 | 0.80700 |

Table: Element Forces - Frames, Part 3 of 3

| Frame | Station m | OutputCase | PtS11Min | x2S11Min m | x3S11Min m | FrameElem | ElemStation m |
|-------|--------------|------------|----------|---------------|---------------|-----------|------------------|
| 18 | 1.21050 | SLE | 3 | 0.800000 | -0.500000 | 18-1 | 1.21050 |
| 18 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 18-1 | 1.61400 |
| 18 | 2.01750 | SLE | 3 | 0.800000 | -0.500000 | 18-1 | 2.01750 |
| 18 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 18-1 | 0.00000 |
| 18 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 18-1 | 0.40350 |
| 18 | 0.80700 | SLU | 3 | 0.800000 | -0.500000 | 18-1 | 0.80700 |
| 18 | 1.21050 | SLU | 3 | 0.800000 | -0.500000 | 18-1 | 1.21050 |
| 18 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 18-1 | 1.61400 |
| 18 | 2.01750 | SLU | 3 | 0.800000 | -0.500000 | 18-1 | 2.01750 |
| 18 | 0.00000 | SISMA | 3 | 0.800000 | -0.500000 | 18-1 | 0.00000 |
| 18 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 18-1 | 0.40350 |
| 18 | 0.80700 | SISMA | 3 | 0.800000 | -0.500000 | 18-1 | 0.80700 |
| 18 | 1.21050 | SISMA | 3 | 0.800000 | -0.500000 | 18-1 | 1.21050 |
| 18 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 18-1 | 1.61400 |
| 18 | 2.01750 | SISMA | 3 | 0.800000 | -0.500000 | 18-1 | 2.01750 |
| 19 | 0.00000 | SLE | 3 | 0.800000 | -0.500000 | 19-1 | 0.00000 |
| 19 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 19-1 | 0.40350 |
| 19 | 0.80700 | SLE | 3 | 0.800000 | -0.500000 | 19-1 | 0.80700 |
| 19 | 1.21050 | SLE | 3 | 0.800000 | -0.500000 | 19-1 | 1.21050 |
| 19 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 19-1 | 1.61400 |
| 19 | 2.01750 | SLE | 3 | 0.800000 | -0.500000 | 19-1 | 2.01750 |
| 19 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 19-1 | 0.00000 |
| 19 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 19-1 | 0.40350 |
| 19 | 0.80700 | SLU | 3 | 0.800000 | -0.500000 | 19-1 | 0.80700 |
| 19 | 1.21050 | SLU | 3 | 0.800000 | -0.500000 | 19-1 | 1.21050 |
| 19 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 19-1 | 1.61400 |
| 19 | 2.01750 | SLU | 3 | 0.800000 | -0.500000 | 19-1 | 2.01750 |
| 19 | 0.00000 | SISMA | 3 | 0.800000 | -0.500000 | 19-1 | 0.00000 |
| 19 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 19-1 | 0.40350 |
| 19 | 0.80700 | SISMA | 3 | 0.800000 | -0.500000 | 19-1 | 0.80700 |
| 19 | 1.21050 | SISMA | 3 | 0.800000 | -0.500000 | 19-1 | 1.21050 |
| 19 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 19-1 | 1.61400 |
| 19 | 2.01750 | SISMA | 3 | 0.800000 | -0.500000 | 19-1 | 2.01750 |
| 20 | 0.00000 | SLE | 3 | 0.800000 | -0.500000 | 20-1 | 0.00000 |
| 20 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 20-1 | 0.40350 |
| 20 | 0.80700 | SLE | 3 | 0.800000 | -0.500000 | 20-1 | 0.80700 |
| 20 | 1.21050 | SLE | 3 | 0.800000 | -0.500000 | 20-1 | 1.21050 |
| 20 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 20-1 | 1.61400 |
| 20 | 2.01750 | SLE | 3 | 0.800000 | -0.500000 | 20-1 | 2.01750 |
| 20 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 20-1 | 0.00000 |
| 20 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 20-1 | 0.40350 |
| 20 | 0.80700 | SLU | 3 | 0.800000 | -0.500000 | 20-1 | 0.80700 |
| 20 | 1.21050 | SLU | 3 | 0.800000 | -0.500000 | 20-1 | 1.21050 |
| 20 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 20-1 | 1.61400 |
| 20 | 2.01750 | SLU | 3 | 0.800000 | -0.500000 | 20-1 | 2.01750 |
| 20 | 0.00000 | SISMA | 3 | 0.800000 | -0.500000 | 20-1 | 0.00000 |
| 20 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 20-1 | 0.40350 |
| 20 | 0.80700 | SISMA | 3 | 0.800000 | -0.500000 | 20-1 | 0.80700 |
| 20 | 1.21050 | SISMA | 3 | 0.800000 | -0.500000 | 20-1 | 1.21050 |
| 20 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 20-1 | 1.61400 |
| 20 | 2.01750 | SISMA | 3 | 0.800000 | -0.500000 | 20-1 | 2.01750 |
| 21 | 0.00000 | SLE | 3 | 0.800000 | -0.500000 | 21-1 | 0.00000 |
| 21 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 21-1 | 0.40350 |
| 21 | 0.80700 | SLE | 1 | -0.800000 | -0.500000 | 21-1 | 0.80700 |
| 21 | 1.21050 | SLE | 1 | -0.800000 | -0.500000 | 21-1 | 1.21050 |
| 21 | 1.61400 | SLE | 1 | -0.800000 | -0.500000 | 21-1 | 1.61400 |
| 21 | 2.01750 | SLE | 1 | -0.800000 | -0.500000 | 21-1 | 2.01750 |
| 21 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 21-1 | 0.00000 |
| 21 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 21-1 | 0.40350 |

Table: Element Forces - Frames, Part 3 of 3

| Frame | Station m | OutputCase | PtS11Min | x2S11Min m | x3S11Min m | FrameElem | ElemStation m |
|-------|--------------|------------|----------|---------------|---------------|-----------|------------------|
| 21 | 0.80700 | SLU | 1 | -0.800000 | -0.500000 | 21-1 | 0.80700 |
| 21 | 1.21050 | SLU | 1 | -0.800000 | -0.500000 | 21-1 | 1.21050 |
| 21 | 1.61400 | SLU | 1 | -0.800000 | -0.500000 | 21-1 | 1.61400 |
| 21 | 2.01750 | SLU | 1 | -0.800000 | -0.500000 | 21-1 | 2.01750 |
| 21 | 0.00000 | SISMA | 3 | 0.800000 | -0.500000 | 21-1 | 0.00000 |
| 21 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 21-1 | 0.40350 |
| 21 | 0.80700 | SISMA | 1 | -0.800000 | -0.500000 | 21-1 | 0.80700 |
| 21 | 1.21050 | SISMA | 1 | -0.800000 | -0.500000 | 21-1 | 1.21050 |
| 21 | 1.61400 | SISMA | 1 | -0.800000 | -0.500000 | 21-1 | 1.61400 |
| 21 | 2.01750 | SISMA | 1 | -0.800000 | -0.500000 | 21-1 | 2.01750 |
| 22 | 0.00000 | SLE | 1 | -0.800000 | -0.500000 | 22-1 | 0.00000 |
| 22 | 0.40350 | SLE | 1 | -0.800000 | -0.500000 | 22-1 | 0.40350 |
| 22 | 0.80700 | SLE | 1 | -0.800000 | -0.500000 | 22-1 | 0.80700 |
| 22 | 1.21050 | SLE | 1 | -0.800000 | -0.500000 | 22-1 | 1.21050 |
| 22 | 1.61400 | SLE | 1 | -0.800000 | -0.500000 | 22-1 | 1.61400 |
| 22 | 2.01750 | SLE | 1 | -0.800000 | -0.500000 | 22-1 | 2.01750 |
| 22 | 0.00000 | SLU | 1 | -0.800000 | -0.500000 | 22-1 | 0.00000 |
| 22 | 0.40350 | SLU | 1 | -0.800000 | -0.500000 | 22-1 | 0.40350 |
| 22 | 0.80700 | SLU | 1 | -0.800000 | -0.500000 | 22-1 | 0.80700 |
| 22 | 1.21050 | SLU | 1 | -0.800000 | -0.500000 | 22-1 | 1.21050 |
| 22 | 1.61400 | SLU | 1 | -0.800000 | -0.500000 | 22-1 | 1.61400 |
| 22 | 2.01750 | SLU | 1 | -0.800000 | -0.500000 | 22-1 | 2.01750 |
| 22 | 0.00000 | SISMA | 1 | -0.800000 | -0.500000 | 22-1 | 0.00000 |
| 22 | 0.40350 | SISMA | 1 | -0.800000 | -0.500000 | 22-1 | 0.40350 |
| 22 | 0.80700 | SISMA | 1 | -0.800000 | -0.500000 | 22-1 | 0.80700 |
| 22 | 1.21050 | SISMA | 1 | -0.800000 | -0.500000 | 22-1 | 1.21050 |
| 22 | 1.61400 | SISMA | 1 | -0.800000 | -0.500000 | 22-1 | 1.61400 |
| 22 | 2.01750 | SISMA | 1 | -0.800000 | -0.500000 | 22-1 | 2.01750 |
| 23 | 0.00000 | SLE | 0 | 0.000000 | 0.000000 | 23-1 | 0.00000 |
| 23 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 23-1 | 0.40350 |
| 23 | 0.80700 | SLE | 3 | 0.800000 | -0.500000 | 23-1 | 0.80700 |
| 23 | 1.21050 | SLE | 3 | 0.800000 | -0.500000 | 23-1 | 1.21050 |
| 23 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 23-1 | 1.61400 |
| 23 | 2.01750 | SLE | 3 | 0.800000 | -0.500000 | 23-1 | 2.01750 |
| 23 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 23-1 | 0.00000 |
| 23 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 23-1 | 0.40350 |
| 23 | 0.80700 | SLU | 3 | 0.800000 | -0.500000 | 23-1 | 0.80700 |
| 23 | 1.21050 | SLU | 3 | 0.800000 | -0.500000 | 23-1 | 1.21050 |
| 23 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 23-1 | 1.61400 |
| 23 | 2.01750 | SLU | 3 | 0.800000 | -0.500000 | 23-1 | 2.01750 |
| 23 | 0.00000 | SISMA | 0 | 0.000000 | 0.000000 | 23-1 | 0.00000 |
| 23 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 23-1 | 0.40350 |
| 23 | 0.80700 | SISMA | 3 | 0.800000 | -0.500000 | 23-1 | 0.80700 |
| 23 | 1.21050 | SISMA | 3 | 0.800000 | -0.500000 | 23-1 | 1.21050 |
| 23 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 23-1 | 1.61400 |
| 23 | 2.01750 | SISMA | 3 | 0.800000 | -0.500000 | 23-1 | 2.01750 |
| 24 | 0.00000 | SLE | 3 | 0.800000 | -0.500000 | 24-1 | 0.00000 |
| 24 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 24-1 | 0.40350 |
| 24 | 0.80700 | SLE | 3 | 0.800000 | -0.500000 | 24-1 | 0.80700 |
| 24 | 1.21050 | SLE | 3 | 0.800000 | -0.500000 | 24-1 | 1.21050 |
| 24 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 24-1 | 1.61400 |
| 24 | 2.01750 | SLE | 3 | 0.800000 | -0.500000 | 24-1 | 2.01750 |
| 24 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 24-1 | 0.00000 |
| 24 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 24-1 | 0.40350 |
| 24 | 0.80700 | SLU | 3 | 0.800000 | -0.500000 | 24-1 | 0.80700 |
| 24 | 1.21050 | SLU | 3 | 0.800000 | -0.500000 | 24-1 | 1.21050 |
| 24 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 24-1 | 1.61400 |
| 24 | 2.01750 | SLU | 3 | 0.800000 | -0.500000 | 24-1 | 2.01750 |
| 24 | 0.00000 | SISMA | 3 | 0.800000 | -0.500000 | 24-1 | 0.00000 |

Table: Element Forces - Frames, Part 3 of 3

| Frame | Station m | OutputCase | PtS11Min | x2S11Min m | x3S11Min m | FrameElem | ElemStation m |
|-------|--------------|------------|----------|---------------|---------------|-----------|------------------|
| 24 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 24-1 | 0.40350 |
| 24 | 0.80700 | SISMA | 3 | 0.800000 | -0.500000 | 24-1 | 0.80700 |
| 24 | 1.21050 | SISMA | 3 | 0.800000 | -0.500000 | 24-1 | 1.21050 |
| 24 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 24-1 | 1.61400 |
| 24 | 2.01750 | SISMA | 3 | 0.800000 | -0.500000 | 24-1 | 2.01750 |
| 25 | 0.00000 | SLE | 3 | 0.800000 | -0.500000 | 25-1 | 0.00000 |
| 25 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 25-1 | 0.40350 |
| 25 | 0.80700 | SLE | 3 | 0.800000 | -0.500000 | 25-1 | 0.80700 |
| 25 | 1.21050 | SLE | 3 | 0.800000 | -0.500000 | 25-1 | 1.21050 |
| 25 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 25-1 | 1.61400 |
| 25 | 2.01750 | SLE | 3 | 0.800000 | -0.500000 | 25-1 | 2.01750 |
| 25 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 25-1 | 0.00000 |
| 25 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 25-1 | 0.40350 |
| 25 | 0.80700 | SLU | 3 | 0.800000 | -0.500000 | 25-1 | 0.80700 |
| 25 | 1.21050 | SLU | 3 | 0.800000 | -0.500000 | 25-1 | 1.21050 |
| 25 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 25-1 | 1.61400 |
| 25 | 2.01750 | SLU | 3 | 0.800000 | -0.500000 | 25-1 | 2.01750 |
| 25 | 0.00000 | SISMA | 3 | 0.800000 | -0.500000 | 25-1 | 0.00000 |
| 25 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 25-1 | 0.40350 |
| 25 | 0.80700 | SISMA | 3 | 0.800000 | -0.500000 | 25-1 | 0.80700 |
| 25 | 1.21050 | SISMA | 3 | 0.800000 | -0.500000 | 25-1 | 1.21050 |
| 25 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 25-1 | 1.61400 |
| 25 | 2.01750 | SISMA | 3 | 0.800000 | -0.500000 | 25-1 | 2.01750 |
| 26 | 0.00000 | SLE | 3 | 0.800000 | -0.500000 | 26-1 | 0.00000 |
| 26 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 26-1 | 0.40350 |
| 26 | 0.80700 | SLE | 3 | 0.800000 | -0.500000 | 26-1 | 0.80700 |
| 26 | 1.21050 | SLE | 3 | 0.800000 | -0.500000 | 26-1 | 1.21050 |
| 26 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 26-1 | 1.61400 |
| 26 | 2.01750 | SLE | 3 | 0.800000 | -0.500000 | 26-1 | 2.01750 |
| 26 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 26-1 | 0.00000 |
| 26 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 26-1 | 0.40350 |
| 26 | 0.80700 | SLU | 3 | 0.800000 | -0.500000 | 26-1 | 0.80700 |
| 26 | 1.21050 | SLU | 3 | 0.800000 | -0.500000 | 26-1 | 1.21050 |
| 26 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 26-1 | 1.61400 |
| 26 | 2.01750 | SLU | 3 | 0.800000 | -0.500000 | 26-1 | 2.01750 |
| 26 | 0.00000 | SISMA | 3 | 0.800000 | -0.500000 | 26-1 | 0.00000 |
| 26 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 26-1 | 0.40350 |
| 26 | 0.80700 | SISMA | 3 | 0.800000 | -0.500000 | 26-1 | 0.80700 |
| 26 | 1.21050 | SISMA | 3 | 0.800000 | -0.500000 | 26-1 | 1.21050 |
| 26 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 26-1 | 1.61400 |
| 26 | 2.01750 | SISMA | 3 | 0.800000 | -0.500000 | 26-1 | 2.01750 |
| 27 | 0.00000 | SLE | 3 | 0.800000 | -0.500000 | 27-1 | 0.00000 |
| 27 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 27-1 | 0.40350 |
| 27 | 0.80700 | SLE | 3 | 0.800000 | -0.500000 | 27-1 | 0.80700 |
| 27 | 1.21050 | SLE | 3 | 0.800000 | -0.500000 | 27-1 | 1.21050 |
| 27 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 27-1 | 1.61400 |
| 27 | 2.01750 | SLE | 3 | 0.800000 | -0.500000 | 27-1 | 2.01750 |
| 27 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 27-1 | 0.00000 |
| 27 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 27-1 | 0.40350 |
| 27 | 0.80700 | SLU | 3 | 0.800000 | -0.500000 | 27-1 | 0.80700 |
| 27 | 1.21050 | SLU | 3 | 0.800000 | -0.500000 | 27-1 | 1.21050 |
| 27 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 27-1 | 1.61400 |
| 27 | 2.01750 | SLU | 3 | 0.800000 | -0.500000 | 27-1 | 2.01750 |
| 27 | 0.00000 | SISMA | 3 | 0.800000 | -0.500000 | 27-1 | 0.00000 |
| 27 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 27-1 | 0.40350 |
| 27 | 0.80700 | SISMA | 3 | 0.800000 | -0.500000 | 27-1 | 0.80700 |
| 27 | 1.21050 | SISMA | 3 | 0.800000 | -0.500000 | 27-1 | 1.21050 |
| 27 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 27-1 | 1.61400 |
| 27 | 2.01750 | SISMA | 3 | 0.800000 | -0.500000 | 27-1 | 2.01750 |

Table: Element Forces - Frames, Part 3 of 3

| Frame | Station m | OutputCase | PtS11Min | x2S11Min m | x3S11Min m | FrameElem | ElemStation m |
|-------|--------------|------------|----------|---------------|---------------|-----------|------------------|
| 28 | 0.00000 | SLE | 3 | 0.800000 | -0.500000 | 28-1 | 0.00000 |
| 28 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 28-1 | 0.40350 |
| 28 | 0.80700 | SLE | 3 | 0.800000 | -0.500000 | 28-1 | 0.80700 |
| 28 | 1.21050 | SLE | 3 | 0.800000 | -0.500000 | 28-1 | 1.21050 |
| 28 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 28-1 | 1.61400 |
| 28 | 2.01750 | SLE | 3 | 0.800000 | -0.500000 | 28-1 | 2.01750 |
| 28 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 28-1 | 0.00000 |
| 28 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 28-1 | 0.40350 |
| 28 | 0.80700 | SLU | 3 | 0.800000 | -0.500000 | 28-1 | 0.80700 |
| 28 | 1.21050 | SLU | 3 | 0.800000 | -0.500000 | 28-1 | 1.21050 |
| 28 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 28-1 | 1.61400 |
| 28 | 2.01750 | SLU | 3 | 0.800000 | -0.500000 | 28-1 | 2.01750 |
| 28 | 0.00000 | SISMA | 3 | 0.800000 | -0.500000 | 28-1 | 0.00000 |
| 28 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 28-1 | 0.40350 |
| 28 | 0.80700 | SISMA | 3 | 0.800000 | -0.500000 | 28-1 | 0.80700 |
| 28 | 1.21050 | SISMA | 3 | 0.800000 | -0.500000 | 28-1 | 1.21050 |
| 28 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 28-1 | 1.61400 |
| 28 | 2.01750 | SISMA | 3 | 0.800000 | -0.500000 | 28-1 | 2.01750 |
| 29 | 0.00000 | SLE | 3 | 0.800000 | -0.500000 | 29-1 | 0.00000 |
| 29 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 29-1 | 0.40350 |
| 29 | 0.80700 | SLE | 3 | 0.800000 | -0.500000 | 29-1 | 0.80700 |
| 29 | 1.21050 | SLE | 3 | 0.800000 | -0.500000 | 29-1 | 1.21050 |
| 29 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 29-1 | 1.61400 |
| 29 | 2.01750 | SLE | 3 | 0.800000 | -0.500000 | 29-1 | 2.01750 |
| 29 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 29-1 | 0.00000 |
| 29 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 29-1 | 0.40350 |
| 29 | 0.80700 | SLU | 3 | 0.800000 | -0.500000 | 29-1 | 0.80700 |
| 29 | 1.21050 | SLU | 3 | 0.800000 | -0.500000 | 29-1 | 1.21050 |
| 29 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 29-1 | 1.61400 |
| 29 | 2.01750 | SLU | 3 | 0.800000 | -0.500000 | 29-1 | 2.01750 |
| 29 | 0.00000 | SISMA | 3 | 0.800000 | -0.500000 | 29-1 | 0.00000 |
| 29 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 29-1 | 0.40350 |
| 29 | 0.80700 | SISMA | 3 | 0.800000 | -0.500000 | 29-1 | 0.80700 |
| 29 | 1.21050 | SISMA | 3 | 0.800000 | -0.500000 | 29-1 | 1.21050 |
| 29 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 29-1 | 1.61400 |
| 29 | 2.01750 | SISMA | 3 | 0.800000 | -0.500000 | 29-1 | 2.01750 |
| 30 | 0.00000 | SLE | 3 | 0.800000 | -0.500000 | 30-1 | 0.00000 |
| 30 | 0.40350 | SLE | 3 | 0.800000 | -0.500000 | 30-1 | 0.40350 |
| 30 | 0.80700 | SLE | 3 | 0.800000 | -0.500000 | 30-1 | 0.80700 |
| 30 | 1.21050 | SLE | 3 | 0.800000 | -0.500000 | 30-1 | 1.21050 |
| 30 | 1.61400 | SLE | 3 | 0.800000 | -0.500000 | 30-1 | 1.61400 |
| 30 | 2.01750 | SLE | 1 | -0.800000 | -0.500000 | 30-1 | 2.01750 |
| 30 | 0.00000 | SLU | 3 | 0.800000 | -0.500000 | 30-1 | 0.00000 |
| 30 | 0.40350 | SLU | 3 | 0.800000 | -0.500000 | 30-1 | 0.40350 |
| 30 | 0.80700 | SLU | 3 | 0.800000 | -0.500000 | 30-1 | 0.80700 |
| 30 | 1.21050 | SLU | 3 | 0.800000 | -0.500000 | 30-1 | 1.21050 |
| 30 | 1.61400 | SLU | 3 | 0.800000 | -0.500000 | 30-1 | 1.61400 |
| 30 | 2.01750 | SLU | 1 | -0.800000 | -0.500000 | 30-1 | 2.01750 |
| 30 | 0.00000 | SISMA | 3 | 0.800000 | -0.500000 | 30-1 | 0.00000 |
| 30 | 0.40350 | SISMA | 3 | 0.800000 | -0.500000 | 30-1 | 0.40350 |
| 30 | 0.80700 | SISMA | 3 | 0.800000 | -0.500000 | 30-1 | 0.80700 |
| 30 | 1.21050 | SISMA | 3 | 0.800000 | -0.500000 | 30-1 | 1.21050 |
| 30 | 1.61400 | SISMA | 3 | 0.800000 | -0.500000 | 30-1 | 1.61400 |
| 30 | 2.01750 | SISMA | 1 | -0.800000 | -0.500000 | 30-1 | 2.01750 |

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

| Frame | LoadPat | CoordSys | Type | Dir | DistType | RelDistA |
|-------|--------------|----------|-------|---------|----------|----------|
| 15 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 16 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 17 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 18 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 19 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 20 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 21 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 22 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 23 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 24 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 25 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 26 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 27 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 28 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 29 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |
| 30 | RITOMBAMENTO | GLOBAL | Force | Gravity | RelDist | 0.0000 |

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

| Frame | LoadPat | RelDistB | AbsDistA m | AbsDistB m | FOverLA KN/m | FOverLB KN/m |
|-------|--------------|----------|---------------|---------------|-----------------|-----------------|
| 15 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 16 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 17 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 18 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 19 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 20 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 21 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 22 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 23 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 24 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 25 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 26 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 27 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 28 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 29 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |
| 30 | RITOMBAMENTO | 1.0000 | 0.00000 | 2.01750 | 66.00 | 66.00 |

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

| Frame | LoadPat | GUID |
|-------|--------------|------|
| 15 | RITOMBAMENTO | |
| 16 | RITOMBAMENTO | |
| 17 | RITOMBAMENTO | |
| 18 | RITOMBAMENTO | |
| 19 | RITOMBAMENTO | |
| 20 | RITOMBAMENTO | |
| 21 | RITOMBAMENTO | |
| 22 | RITOMBAMENTO | |
| 23 | RITOMBAMENTO | |
| 24 | RITOMBAMENTO | |
| 25 | RITOMBAMENTO | |

Table: Frame Loads - Distributed, Part 3 of 3

| Frame | LoadPat | GUID |
|-------|--------------|------|
| 26 | RITOMBAMENTO | |
| 27 | RITOMBAMENTO | |
| 28 | RITOMBAMENTO | |
| 29 | RITOMBAMENTO | |
| 30 | RITOMBAMENTO | |

Table: Frame Section Assignments

Table: Frame Section Assignments

| Frame | SectionType | AutoSelect | AnalSect | DesignSect | MatProp |
|-------|-------------|------------|----------|------------|---------|
| 15 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 16 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 17 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 18 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 19 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 20 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 21 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 22 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 23 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 24 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 25 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 26 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 27 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 28 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 29 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |
| 30 | Rectangular | N.A. | SOLETTA | SOLETTA | Default |

Table: Frame Section Properties 01 - General, Part 1 of 6

Table: Frame Section Properties 01 - General, Part 1 of 6

| SectionName | Material | Shape | t3 m | t2 m | Area m2 | TorsConst m4 |
|-------------|----------|-------------|----------|----------|------------|-----------------|
| SOLETTA | C25/30 | Rectangular | 1.600000 | 1.000000 | 1.600000 | 0.326004 |

Table: Frame Section Properties 01 - General, Part 2 of 6

Table: Frame Section Properties 01 - General, Part 2 of 6

| SectionName | I33 m4 | I22 m4 | I23 m4 | AS2 m2 | AS3 m2 | S33 m3 | S22 m3 |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SOLETTA | 0.341333 | 0.133333 | 0.000000 | 1.333333 | 1.333333 | 0.426667 | 0.266667 |

Table: Frame Section Properties 01 - General, Part 3 of 6

Table: Frame Section Properties 01 - General, Part 3 of 6

| SectionName | Z33 m3 | Z22 m3 | R33 m | R22 m | EccV2 m | ConcCol | ConcBeam |
|-------------|-----------|-----------|----------|----------|------------|---------|----------|
| SOLETTA | 0.640000 | 0.400000 | 0.461880 | 0.288675 | 0.000000 | Yes | No |

Table: Frame Section Properties 01 - General, Part 4 of 6

Table: Frame Section Properties 01 - General, Part 4 of 6

| SectionName | Color | TotalWt KN | TotalMass KN-s2/m | FromFile | AMod | A2Mod | A3Mod |
|-------------|-----------|---------------|----------------------|----------|----------|----------|----------|
| SOLETTA | Gray8Dark | 1290.819 | 131.63 | No | 1.000000 | 1.000000 | 1.000000 |

Table: Frame Section Properties 01 - General, Part 5 of 6

Table: Frame Section Properties 01 - General, Part 5 of 6

| SectionName | JMod | I2Mod | I3Mod | MMod | WMod | GUID |
|-------------|----------|----------|----------|----------|----------|------|
| SOLETTA | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | |

Table: Frame Section Properties 01 - General, Part 6 of 6

Table: Frame Section Properties 01 - General, Part 6 of 6

| SectionName | Notes |
|-------------|---------------------------|
| SOLETTA | Added 17/12/2019 16:22:33 |

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

| Joint | CoordSys | CoordType | XorR m | Y m | Z m | SpecialJt | GlobalX m |
|-------|----------|-----------|-----------|---------|----------|-----------|--------------|
| 1 | GLOBAL | Cartesian | -8.07000 | 0.00000 | 3.00000 | No | -8.07000 |
| 2 | GLOBAL | Cartesian | 8.07000 | 0.00000 | 3.00000 | No | 8.07000 |
| 3 | GLOBAL | Cartesian | -8.07000 | 0.00000 | -3.00000 | No | -8.07000 |
| 4 | GLOBAL | Cartesian | 8.07000 | 0.00000 | -3.00000 | No | 8.07000 |
| 5 | GLOBAL | Cartesian | 0.00000 | 0.00000 | 3.00000 | No | 0.00000 |
| 6 | GLOBAL | Cartesian | 0.00000 | 0.00000 | -3.00000 | No | 0.00000 |
| 7 | GLOBAL | Cartesian | -4.03500 | 0.00000 | 3.00000 | No | -4.03500 |
| 8 | GLOBAL | Cartesian | 4.03500 | 0.00000 | 3.00000 | No | 4.03500 |
| 9 | GLOBAL | Cartesian | -4.03500 | 0.00000 | -3.00000 | No | -4.03500 |
| 10 | GLOBAL | Cartesian | 4.03500 | 0.00000 | -3.00000 | No | 4.03500 |
| 11 | GLOBAL | Cartesian | -6.05250 | 0.00000 | 3.00000 | No | -6.05250 |
| 12 | GLOBAL | Cartesian | -2.01750 | 0.00000 | 3.00000 | No | -2.01750 |
| 13 | GLOBAL | Cartesian | 2.01750 | 0.00000 | 3.00000 | No | 2.01750 |
| 14 | GLOBAL | Cartesian | 6.05250 | 0.00000 | 3.00000 | No | 6.05250 |
| 15 | GLOBAL | Cartesian | -6.05250 | 0.00000 | -3.00000 | No | -6.05250 |
| 16 | GLOBAL | Cartesian | -2.01750 | 0.00000 | -3.00000 | No | -2.01750 |
| 17 | GLOBAL | Cartesian | 2.01750 | 0.00000 | -3.00000 | No | 2.01750 |
| 18 | GLOBAL | Cartesian | 6.05250 | 0.00000 | -3.00000 | No | 6.05250 |

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

| Joint | GlobalY m | GlobalZ m | GUID |
|-------|--------------|--------------|------|
| 1 | 0.00000 | 3.00000 | |
| 2 | 0.00000 | 3.00000 | |
| 3 | 0.00000 | -3.00000 | |
| 4 | 0.00000 | -3.00000 | |
| 5 | 0.00000 | 3.00000 | |
| 6 | 0.00000 | -3.00000 | |
| 7 | 0.00000 | 3.00000 | |
| 8 | 0.00000 | 3.00000 | |

Table: Joint Coordinates, Part 2 of 2

| Joint | GlobalY m | GlobalZ m | GUID |
|-------|--------------|--------------|------|
| 9 | 0.00000 | -3.00000 | |
| 10 | 0.00000 | -3.00000 | |
| 11 | 0.00000 | 3.00000 | |
| 12 | 0.00000 | 3.00000 | |
| 13 | 0.00000 | 3.00000 | |
| 14 | 0.00000 | 3.00000 | |
| 15 | 0.00000 | -3.00000 | |
| 16 | 0.00000 | -3.00000 | |
| 17 | 0.00000 | -3.00000 | |
| 18 | 0.00000 | -3.00000 | |

Table: Joint Displacements

Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|----------|----------|-----------|----------|------------|----------|
| | | | m | m | m | Radians | Radians | Radians |
| 1 | SLE | LinStatic | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 1 | SLU | LinStatic | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 1 | SISMA | LinStatic | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 2 | SLE | LinStatic | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 2 | SLU | LinStatic | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 2 | SISMA | LinStatic | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 3 | SLE | LinStatic | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.001755 | 0.000000 |
| 3 | SLU | LinStatic | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.002281 | 0.000000 |
| 3 | SISMA | LinStatic | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.001991 | 0.000000 |
| 4 | SLE | LinStatic | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -0.001755 | 0.000000 |
| 4 | SLU | LinStatic | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -0.002281 | 0.000000 |
| 4 | SISMA | LinStatic | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -0.001991 | 0.000000 |
| 5 | SLE | LinStatic | 0.000000 | 0.000000 | -0.001971 | 0.000000 | 1.093E-19 | 0.000000 |
| 5 | SLU | LinStatic | 0.000000 | 0.000000 | -0.002562 | 0.000000 | 0.000000 | 0.000000 |
| 5 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.002236 | 0.000000 | -1.073E-19 | 0.000000 |
| 6 | SLE | LinStatic | 0.000000 | 0.000000 | -0.009051 | 0.000000 | -2.601E-18 | 0.000000 |
| 6 | SLU | LinStatic | 0.000000 | 0.000000 | -0.011766 | 0.000000 | -3.035E-18 | 0.000000 |
| 6 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.010268 | 0.000000 | -3.035E-18 | 0.000000 |
| 7 | SLE | LinStatic | 0.000000 | 0.000000 | -0.001146 | 0.000000 | 0.000329 | 0.000000 |
| 7 | SLU | LinStatic | 0.000000 | 0.000000 | -0.001490 | 0.000000 | 0.000428 | 0.000000 |
| 7 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.001300 | 0.000000 | 0.000373 | 0.000000 |
| 8 | SLE | LinStatic | 0.000000 | 0.000000 | -0.001146 | 0.000000 | -0.000329 | 0.000000 |
| 8 | SLU | LinStatic | 0.000000 | 0.000000 | -0.001490 | 0.000000 | -0.000428 | 0.000000 |
| 8 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.001300 | 0.000000 | -0.000373 | 0.000000 |
| 9 | SLE | LinStatic | 0.000000 | 0.000000 | -0.006456 | 0.000000 | 0.001206 | 0.000000 |
| 9 | SLU | LinStatic | 0.000000 | 0.000000 | -0.008393 | 0.000000 | 0.001568 | 0.000000 |
| 9 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.007325 | 0.000000 | 0.001369 | 0.000000 |
| 10 | SLE | LinStatic | 0.000000 | 0.000000 | -0.006456 | 0.000000 | -0.001206 | 0.000000 |
| 10 | SLU | LinStatic | 0.000000 | 0.000000 | -0.008393 | 0.000000 | -0.001568 | 0.000000 |
| 10 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.007325 | 0.000000 | -0.001369 | 0.000000 |
| 11 | SLE | LinStatic | 0.000000 | 0.000000 | -0.000426 | 0.000000 | 0.000288 | 0.000000 |
| 11 | SLU | LinStatic | 0.000000 | 0.000000 | -0.000554 | 0.000000 | 0.000374 | 0.000000 |
| 11 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.000484 | 0.000000 | 0.000327 | 0.000000 |
| 12 | SLE | LinStatic | 0.000000 | 0.000000 | -0.001744 | 0.000000 | 0.000206 | 0.000000 |
| 12 | SLU | LinStatic | 0.000000 | 0.000000 | -0.002267 | 0.000000 | 0.000267 | 0.000000 |
| 12 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.001978 | 0.000000 | 0.000233 | 0.000000 |
| 13 | SLE | LinStatic | 0.000000 | 0.000000 | -0.001744 | 0.000000 | -0.000206 | 0.000000 |
| 13 | SLU | LinStatic | 0.000000 | 0.000000 | -0.002267 | 0.000000 | -0.000267 | 0.000000 |
| 13 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.001978 | 0.000000 | -0.000233 | 0.000000 |
| 14 | SLE | LinStatic | 0.000000 | 0.000000 | -0.000426 | 0.000000 | -0.000288 | 0.000000 |
| 14 | SLU | LinStatic | 0.000000 | 0.000000 | -0.000554 | 0.000000 | -0.000374 | 0.000000 |
| 14 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.000484 | 0.000000 | -0.000327 | 0.000000 |

Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 m | U2 m | U3 m | R1 Radians | R2 Radians | R3 Radians |
|-------|------------|-----------|----------|----------|-----------|---------------|---------------|---------------|
| 15 | SLE | LinStatic | 0.000000 | 0.000000 | -0.003524 | 0.000000 | 0.001604 | 0.000000 |
| 15 | SLU | LinStatic | 0.000000 | 0.000000 | -0.004581 | 0.000000 | 0.002085 | 0.000000 |
| 15 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.003998 | 0.000000 | 0.001820 | 0.000000 |
| 16 | SLE | LinStatic | 0.000000 | 0.000000 | -0.008382 | 0.000000 | 0.000644 | 0.000000 |
| 16 | SLU | LinStatic | 0.000000 | 0.000000 | -0.010896 | 0.000000 | 0.000838 | 0.000000 |
| 16 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.009509 | 0.000000 | 0.000731 | 0.000000 |
| 17 | SLE | LinStatic | 0.000000 | 0.000000 | -0.008382 | 0.000000 | -0.000644 | 0.000000 |
| 17 | SLU | LinStatic | 0.000000 | 0.000000 | -0.010896 | 0.000000 | -0.000838 | 0.000000 |
| 17 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.009509 | 0.000000 | -0.000731 | 0.000000 |
| 18 | SLE | LinStatic | 0.000000 | 0.000000 | -0.003524 | 0.000000 | -0.001604 | 0.000000 |
| 18 | SLU | LinStatic | 0.000000 | 0.000000 | -0.004581 | 0.000000 | -0.002085 | 0.000000 |
| 18 | SISMA | LinStatic | 0.000000 | 0.000000 | -0.003998 | 0.000000 | -0.001820 | 0.000000 |

Table: Joint Restraint Assignments

Table: Joint Restraint Assignments

| Joint | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|-----|-----|-----|-----|-----|-----|
| 1 | Yes | Yes | Yes | Yes | Yes | Yes |
| 2 | Yes | Yes | Yes | Yes | Yes | Yes |
| 3 | Yes | Yes | Yes | No | No | No |
| 4 | No | No | Yes | No | No | No |

Table: Load Case Definitions, Part 1 of 3

Table: Load Case Definitions, Part 1 of 3

| Case | Type | InitialCond | ModalCase | BaseCase | DesTypeOpt | DesignType | DesActOpt |
|----------|-----------|-------------|-----------|----------|------------|------------|-----------|
| DEAD | LinStatic | Zero | | | Prog Det | DEAD | Prog Det |
| RITOMBAM | LinStatic | Zero | | | Prog Det | LIVE | Prog Det |
| ENTO | LinStatic | Zero | | | Prog Det | DEAD | Prog Det |
| SLE | LinStatic | Zero | | | Prog Det | DEAD | Prog Det |
| SLU | LinStatic | Zero | | | Prog Det | DEAD | Prog Det |
| SISMA | LinStatic | Zero | | | Prog Det | DEAD | Prog Det |

Table: Load Case Definitions, Part 2 of 3

Table: Load Case Definitions, Part 2 of 3

| Case | DesignAct | AutoType | RunCase | CaseStatus | GUID |
|----------|----------------------|----------|---------|------------|------|
| DEAD | Non-Composite | None | Yes | Finished | |
| RITOMBAM | Short-Term Composite | None | Yes | Finished | |
| ENTO | Non-Composite | None | Yes | Finished | |
| SLE | Non-Composite | None | Yes | Finished | |
| SLU | Non-Composite | None | Yes | Finished | |
| SISMA | Non-Composite | None | Yes | Finished | |

Table: Load Case Definitions, Part 3 of 3

Table: Load Case Definitions, Part 3 of 3

| Case | Notes |
|----------|-------|
| DEAD | |
| RITOMBAM | |
| ENTO | |
| SLE | |
| SLU | |
| SISMA | |

Table: Load Pattern Definitions

Table: Load Pattern Definitions

| LoadPat | DesignType | SelfWtMult | AutoLoad | GUID | Notes |
|--------------|------------|------------|----------|------|-------|
| RITOMBAMENTO | LIVE | 0.000000 | | | |