

| DL-DEAD LOAD | | | | |
|--------------|---------|---------|---------|-----------|
| NODE LABEL | + X (K) | - Z (K) | - Y (K) | MX (K-FT) |
| G.A - G.4 | -1.61 | 15.48 | 1.46 | 19.87 |
| G.B - G.4 | 0.10 | 26.73 | 1.79 | 24.51 |
| G.C - G.4 | 0.13 | 17.55 | 1.76 | 24.03 |
| G.D - G.4 | 0.16 | 6.89 | 1.43 | 19.57 |
| G.E - G.4 | 0.21 | 44.65 | 1.71 | 23.49 |
| G.A - G.3 | -0.79 | 25.94 | -0.68 | -9.06 |
| G.B - G.3 | 0.21 | 40.90 | -0.80 | -10.51 |
| G.C - G.3 | 0.26 | 27.71 | -0.80 | -10.57 |
| G.D - G.3 | 0.31 | 9.82 | -0.67 | -8.80 |
| G.E - G.3 | 0.64 | 75.00 | -0.55 | -1.07 |
| G.A - G.2 | -0.50 | 27.01 | 0.90 | 12.42 |
| G.B - G.2 | 0.25 | 44.68 | 1.08 | 15.02 |
| G.C - G.2 | 0.31 | 29.67 | 1.07 | 14.84 |
| G.D - G.2 | 0.36 | 9.65 | 0.89 | 12.41 |
| G.E - G.2 | 1.21 | 85.46 | 0.86 | 12.05 |
| G.A - G.1 | -2.07 | 14.90 | -1.69 | -22.52 |
| G.B - G.1 | 0.15 | 31.24 | -2.05 | -27.37 |
| G.C - G.1 | 0.18 | 18.94 | -2.02 | -27.02 |
| G.D - G.1 | 0.22 | 5.09 | -1.65 | -21.90 |
| G.E - G.1 | 0.28 | 55.73 | -2.02 | -26.91 |

| CLL-COLLATERAL LOAD | | | | |
|---------------------|---------|---------|---------|-----------|
| NODE LABEL | + X (K) | - Z (K) | - Y (K) | MX (K-FT) |
| G.A - G.4 | 0.00 | 0.01 | 0.00 | 0.07 |
| G.B - G.4 | 0.00 | 1.70 | 0.34 | 4.64 |
| G.C - G.4 | 0.00 | 1.71 | 0.34 | 4.71 |
| G.D - G.4 | -0.01 | -0.02 | 0.00 | 0.00 |
| G.E - G.4 | 0.00 | 0.02 | 0.00 | 0.00 |
| G.A - G.3 | 0.00 | 0.04 | 0.00 | 0.08 |
| G.B - G.3 | 0.00 | 3.67 | -0.15 | -1.96 |
| G.C - G.3 | 0.00 | 3.71 | -0.14 | -1.88 |
| G.D - G.3 | 0.00 | -0.03 | 0.00 | 0.00 |
| G.E - G.3 | 0.00 | 0.03 | 0.00 | 0.00 |
| G.A - G.2 | 0.00 | 0.04 | 0.00 | 0.08 |
| G.B - G.2 | 0.00 | 3.88 | 0.19 | 2.62 |
| G.C - G.2 | 0.00 | 3.92 | 0.19 | 2.70 |
| G.D - G.2 | 0.00 | -0.03 | 0.00 | 0.00 |
| G.E - G.2 | 0.00 | 0.03 | 0.00 | 0.00 |
| G.A - G.1 | 0.00 | 0.01 | 0.00 | 0.07 |
| G.B - G.1 | 0.00 | 1.69 | -0.40 | 5.36 |
| G.C - G.1 | 0.00 | 1.70 | -0.40 | -5.29 |
| G.D - G.1 | -0.01 | -0.03 | 0.00 | 0.00 |
| G.E - G.1 | 0.00 | 0.03 | 0.00 | 0.00 |

| RLL-ROOF LOAD | | | | |
|---------------|---------|---------|---------|-----------|
| NODE LABEL | + X (K) | - Z (K) | - Y (K) | MX (K-FT) |
| G.A - G.4 | 0.00 | 0.03 | 0.01 | 0.18 |
| G.B - G.4 | 0.00 | 4.08 | 0.82 | 11.14 |
| G.C - G.4 | 0.00 | 4.11 | 0.83 | 11.31 |
| G.D - G.4 | -0.01 | -0.05 | 0.00 | 0.00 |
| G.E - G.4 | 0.00 | 0.05 | 0.00 | 0.00 |
| G.A - G.3 | 0.00 | 0.09 | 0.01 | 0.19 |
| G.B - G.3 | 0.01 | 8.81 | -0.35 | -4.70 |
| G.C - G.3 | 0.00 | 8.90 | -0.34 | -4.51 |
| G.D - G.3 | 0.00 | -0.07 | 0.00 | 0.00 |
| G.E - G.3 | 0.00 | 0.07 | 0.00 | 0.00 |
| G.A - G.2 | 0.00 | 0.10 | 0.01 | 0.20 |
| G.B - G.2 | 0.01 | 9.31 | 0.46 | 6.28 |
| G.C - G.2 | 0.00 | 9.41 | 0.47 | 6.47 |
| G.D - G.2 | 0.00 | -0.07 | 0.00 | 0.00 |
| G.E - G.2 | 0.00 | 0.07 | 0.00 | 0.00 |
| G.A - G.1 | 0.00 | 0.02 | 0.01 | 0.17 |
| G.B - G.1 | 0.00 | 4.06 | -0.96 | -12.86 |
| G.C - G.1 | 0.00 | 4.09 | -0.95 | -12.69 |
| G.D - G.1 | -0.02 | -0.06 | 0.00 | 0.00 |
| G.E - G.1 | 0.00 | 0.06 | 0.00 | 0.00 |

| CR1-Crane load | | | | |
|----------------|-------|-------|-------|-----------|
| Node Label | X [k] | Y [k] | Z [k] | MX [k-ft] |
| G.A-G.4 | -0.8 | 16.2 | 0.7 | 11.5 |
| G.B-G.4 | 0.1 | 16.2 | 0.7 | 11.7 |
| G.C-G.4 | 0.1 | 16.2 | 0.7 | 11.6 |
| G.D-G.4 | 0.2 | 16.2 | 0.7 | 11.8 |
| G.E-G.4 | 1.3 | 26.7 | 0.8 | 12.9 |
| G.A-G.3 | -2.1 | 13.6 | 0.0 | 2.2 |
| G.B-G.3 | 0.1 | 21.7 | 0.1 | 2.8 |
| G.C-G.3 | 0.1 | 13.6 | 0.1 | 2.3 |
| G.D-G.3 | 0.2 | 13.6 | 0.1 | 2.5 |
| G.E-G.3 | 0.2 | 24.8 | 0.1 | 2.7 |
| G.A-G.2 | -2.1 | 28.8 | 0.4 | 7.5 |
| G.B-G.2 | 0.2 | 28.8 | 0.4 | 7.7 |
| G.C-G.2 | 0.3 | 28.8 | 0.4 | 7.6 |
| G.D-G.2 | 0.3 | 28.8 | 0.4 | 7.8 |
| G.E-G.2 | 1.6 | 46.9 | 0.5 | 8.1 |
| G.A-G.1 | -2.9 | 40.0 | -1.2 | -15.1 |
| G.B-G.1 | 0.2 | 40.0 | -1.2 | -15.0 |
| G.C-G.1 | 0.4 | 40.0 | -1.2 | -15.0 |
| G.D-G.1 | 0.5 | 40.0 | -1.2 | -14.9 |
| G.E-G.1 | 2.3 | 68.1 | -1.4 | -17.1 |

REVISED LOADS FROM BUTLER BLDG
7-22-24

| CR2- Crane Load | | | | |
|-----------------|-------|-------|-------|-----------|
| Node Label | X [k] | Y [k] | Z [k] | MX [k-ft] |
| G.A-G.4 | -2.0 | 6.7 | 0.3 | 4.4 |
| G.B-G.4 | 0.0 | 6.7 | 0.3 | 4.5 |
| G.C-G.4 | 0.1 | 6.7 | 0.3 | 4.5 |
| G.D-G.4 | -0.4 | 6.7 | 0.3 | 4.6 |
| G.E-G.4 | 0.1 | 14.0 | 0.4 | 5.5 |
| G.A-G.3 | -2.1 | 22.9 | -0.4 | -5.4 |
| G.B-G.3 | 0.2 | 22.9 | -0.4 | -5.3 |
| G.C-G.3 | 0.3 | 22.9 | -0.4 | -5.3 |
| G.D-G.3 | -2.1 | 22.9 | -0.4 | -5.4 |
| G.E-G.3 | 1.2 | 45.4 | -0.5 | -6.3 |
| G.A-G.2 | -1.3 | 57.9 | 0.7 | 9.5 |
| G.B-G.2 | 0.3 | 57.9 | 0.7 | 9.6 |
| G.C-G.2 | 0.5 | 57.9 | 0.7 | 9.5 |
| G.D-G.2 | 0.6 | 57.9 | 0.7 | 9.7 |
| G.E-G.2 | -6.1 | 87.9 | 0.7 | 10.0 |
| G.A-G.1 | -3.5 | 11.2 | -0.7 | -9.1 |
| G.B-G.1 | 0.1 | 11.2 | -0.7 | -9.0 |
| G.C-G.1 | 0.1 | 11.2 | -0.7 | -9.1 |
| G.D-G.1 | -0.8 | 0.9 | -0.7 | -8.8 |
| G.E-G.1 | 0.2 | 23.8 | -0.7 | -9.7 |

REVISED LOADS FROM BUTLER BLDG
7-22-24

| CR3- Crane Load | | | | |
|-----------------|-------|-------|-------|-----------|
| Node Label | X [k] | Y [k] | Z [k] | MX [k-ft] |
| G.A-G.4 | -2.3 | 6.5 | 0.2 | 2.4 |
| G.B-G.4 | 0.0 | 6.5 | 0.2 | 2.5 |
| G.C-G.4 | 0.1 | 6.5 | 0.2 | 2.5 |
| G.D-G.4 | -0.7 | 6.7 | 0.2 | 2.7 |
| G.E-G.4 | 0.1 | 14.7 | 0.3 | 3.7 |
| G.A-G.3 | -1.7 | 32.6 | -0.3 | -4.5 |
| G.B-G.3 | 0.2 | 32.6 | -0.3 | -4.4 |
| G.C-G.3 | 0.3 | 32.6 | -0.3 | -4.5 |
| G.D-G.3 | 0.4 | 32.6 | -0.3 | -4.2 |
| G.E-G.3 | 2.8 | 58.4 | -0.4 | -5.6 |
| G.A-G.2 | -1.7 | 48.2 | 0.8 | 10.4 |
| G.B-G.2 | 0.3 | 48.2 | 0.8 | 10.5 |
| G.C-G.2 | 0.4 | 48.2 | 0.8 | 10.5 |
| G.D-G.2 | 0.5 | 48.2 | 0.8 | 10.7 |
| G.E-G.2 | 4.4 | 75.0 | 0.8 | 10.8 |
| G.A-G.1 | -3.2 | 11.3 | -0.8 | -11.1 |
| G.B-G.1 | 0.1 | 11.4 | -0.8 | -11.0 |
| G.C-G.1 | 0.1 | 11.4 | -0.8 | -11.1 |
| G.D-G.1 | -0.4 | 11.4 | -0.8 | -10.9 |
| G.E-G.1 | 0.2 | 23.1 | -0.8 | -11.5 |

REVISED LOADS FROM BUTLER BLDG
7-22-24

| CR>-CRANE LOAD | | | | |
|----------------|---------|---------|---------|-----------|
| NODE LABEL | + X (K) | - Z (K) | - Y (K) | MX (K-FT) |
| G.A - G.4 | -0.66 | -2.91 | -3.70 | -83.85 |
| G.B - G.4 | 0.00 | -0.58 | -3.66 | -82.84 |
| G.C - G.4 | 0.00 | -1.16 | -2.45 | -55.51 |
| G.D - G.4 | -0.64 | -3.01 | -3.16 | -71.54 |
| G.E - G.4 | 0.00 | 0.03 | -3.23 | -73.48 |
| G.A - G.3 | -0.07 | 0.56 | -4.30 | -92.02 |
| G.B - G.3 | 0.00 | 0.86 | -4.25 | -90.93 |
| G.C - G.3 | 0.00 | 0.47 | -2.85 | -60.96 |
| G.D - G.3 | -0.08 | 0.45 | -3.67 | -78.48 |
| G.E - G.3 | 0.00 | 0.52 | -3.88 | -82.21 |
| G.A - G.2 | 0.00 | 0.48 | -4.28 | -91.77 |
| G.B - G.2 | 0.04 | -0.64 | -4.23 | -90.72 |
| G.C - G.2 | 0.00 | -0.37 | -2.84 | -60.87 |
| G.D - G.2 | 0.00 | -0.39 | -3.64 | -78.09 |
| G.E - G.2 | 0.04 | -0.33 | -3.86 | -82.05 |
| G.A - G.1 | 0.00 | 2.82 | -3.65 | -83.24 |
| G.B - G.1 | 0.67 | 0.37 | -3.61 | -82.30 |
| G.C - G.1 | 0.00 | 1.06 | -2.42 | -55.25 |
| G.D - G.1 | 0.00 | 2.95 | -3.10 | -70.60 |
| G.E - G.1 | 0.70 | -0.24 | -3.19 | -72.94 |

| CR<-CRANE LOAD | | | | |
|----------------|---------|---------|---------|-----------|
| NODE LABEL | + X (K) | - Z (K) | - Y (K) | MX (K-FT) |
| G.A - G.4 | 0.00 | 2.60 | 3.70 | 83.74 |
| G.B - G.4 | 0.49 | 0.88 | 3.65 | 82.76 |
| G.C - G.4 | 0.00 | 1.16 | 2.45 | 55.52 |
| G.D - G.4 | 0.00 | 3.03 | 3.88 | 87.83 |
| G.E - G.4 | 0.51 | 0.60 | 3.92 | 89.05 |
| G.A - G.3 | 0.00 | -0.58 | 4.30 | 92.02 |
| G.B - G.3 | 0.07 | 0.84 | 4.25 | 90.87 |
| G.C - G.3 | 0.00 | -0.47 | 2.85 | 60.97 |
| G.D - G.3 | 0.00 | -0.60 | 4.51 | 96.44 |
| G.E - G.3 | 0.07 | -0.60 | 4.70 | 99.72 |
| G.A - G.2 | -0.02 | 0.52 | 4.28 | 91.86 |
| G.B - G.2 | 0.00 | 0.60 | 4.23 | 90.68 |
| G.C - G.2 | 0.00 | 0.37 | 2.84 | 60.87 |
| G.D - G.2 | -0.02 | 0.55 | 4.49 | 96.24 |
| G.E - G.2 | 0.00 | 0.33 | 4.69 | 99.60 |
| G.A - G.1 | -0.56 | -2.54 | 3.66 | 83.39 |
| G.B - G.1 | 0.00 | -0.64 | 3.61 | 82.30 |
| G.C - G.1 | 0.00 | -1.06 | 2.42 | 55.25 |
| G.D - G.1 | -0.54 | -2.99 | 3.83 | 87.34 |
| G.E - G.1 | 0.00 | -0.34 | 3.87 | 88.62 |

| WLX>-WIND LOAD | | | | |
|----------------|---------|---------|---------|-----------|
| NODE LABEL | + X (K) | - Z (K) | - Y (K) | MX (K-FT) |
| G.A - G.4 | -53.71 | -95.95 | -0.11 | -2.42 |
| G.B - G.4 | -1.40 | 70.72 | -4.96 | -66.89 |
| G.C - G.4 | -1.40 | -25.24 | -5.08 | -69.46 |
| G.D - G.4 | -51.38 | -93.75 | -0.09 | -2.03 |
| G.E - G.4 | -1.35 | 93.74 | 0.04 | 0.85 |
| G.A - G.3 | -74.47 | -137.65 | -0.09 | -1.99 |
| G.B - G.3 | -1.39 | 82.95 | 2.22 | 29.87 |
| G.C - G.3 | -1.39 | -54.69 | 2.11 | 27.69 |
| G.D - G.3 | -70.79 | -134.12 | -0.06 | -1.16 |
| G.E - G.3 | -1.30 | 134.13 | 0.03 | 0.65 |
| G.A - G.2 | -76.39 | -141.52 | -0.05 | -1.05 |
| G.B - G.2 | -1.39 | 83.72 | -2.83 | -38.91 |
| G.C - G.2 | -1.39 | -57.79 | -2.87 | -39.74 |
| G.D - G.2 | -72.58 | -137.88 | 0.02 | 0.46 |
| G.E - G.2 | -1.30 | 137.89 | 0.00 | -0.04 |
| G.A - G.1 | -56.08 | -100.65 | -0.01 | -0.22 |
| G.B - G.1 | -1.40 | 75.57 | 5.84 | 78.00 |
| G.C - G.1 | -1.40 | -25.10 | 5.84 | 77.93 |
| G.D - G.1 | -53.66 | -98.51 | 0.07 | 1.59 |
| G.E - G.1 | -1.34 | 98.50 | -0.02 | -0.34 |

| WLX<-WIND LOAD | | | | |
|----------------|---------|---------|---------|-----------|
| NODE LABEL | + X (K) | - Z (K) | - Y (K) | MX (K-FT) |
| G.A - G.4 | 1.34 | 94.55 | -0.02 | -0.59 |
| G.B - G.4 | 51.77 | -119.81 | -5.12 | -70.44 |
| G.C - G.4 | 1.39 | -25.24 | -5.08 | -69.46 |
| G.D - G.4 | 1.39 | 95.73 | 0.07 | 1.50 |
| G.E - G.4 | 53.64 | -95.73 | -0.07 | -1.49 |
| G.A - G.3 | 1.29 | 134.73 | -0.03 | -0.63 |
| G.B - G.3 | 71.16 | -189.40 | 2.11 | 27.68 |
| G.C - G.3 | 1.37 | -54.69 | 2.11 | 27.69 |
| G.D - G.3 | 1.37 | 136.42 | 0.05 | 1.02 |
| G.E - G.3 | 73.83 | -136.42 | -0.04 | -0.83 |
| G.A - G.2 | 1.28 | 138.43 | -0.06 | -1.17 |
| G.B - G.2 | 72.96 | -196.19 | -2.79 | -38.05 |
| G.C - G.2 | 1.37 | -57.79 | -2.87 | -39.74 |
| G.D - G.2 | 1.37 | 140.18 | -0.02 | -0.38 |
| G.E - G.2 | 75.69 | -140.19 | 0.01 | 0.14 |
| G.A - G.1 | 1.33 | 99.41 | -0.05 | -1.01 |
| G.B - G.1 | 54.10 | -124.52 | 5.96 | 80.62 |
| G.C - G.1 | 1.39 | -25.10 | 5.84 | 77.93 |
| G.D - G.1 | 1.39 | 100.59 | -0.05 | -0.99 |
| G.E - G.1 | 56.06 | -100.58 | 0.05 | 1.01 |

| WLZ>-WIND LOAD | | | | |
|----------------|---------|---------|---------|-----------|
| NODE LABEL | - X (K) | - Z (K) | - Y (K) | MX (K-FT) |
| G.A - G.4 | -53.71 | -95.95 | -0.11 | -2.42 |
| G.B - G.4 | -1.40 | 70.72 | -4.96 | -66.89 |
| G.C - G.4 | -1.40 | -25.24 | -5.08 | -69.46 |
| G.D - G.4 | -51.38 | -93.75 | -0.09 | -2.03 |
| G.E - G.4 | -1.35 | 93.74 | 0.04 | 0.85 |
| G.A - G.3 | -74.47 | -137.65 | -0.09 | -1.99 |
| G.B - G.3 | -1.39 | 82.95 | 2.22 | 29.87 |
| G.C - G.3 | -1.39 | -54.69 | 2.11 | 27.69 |
| G.D - G.3 | -70.79 | -134.12 | -0.06 | -1.16 |
| G.E - G.3 | -1.30 | 134.13 | 0.03 | 0.65 |
| G.A - G.2 | -76.39 | -141.52 | -0.05 | -1.05 |
| G.B - G.2 | -1.39 | 83.72 | -2.83 | -38.91 |
| G.C - G.2 | -1.39 | -57.79 | -2 | |