**Section 870.TABLE F Pier Load and Minimum Pier Capacity for 14 Foot Wide Section (Pounds)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Roof Live Load (psf) | Mating/Perimeter Wall Opening (feet) | | | | | | | | | | | | | |
|  | 5 | | 10 | | 15 | | 20 | | 25 | | 30 | | 35 | |
|  | 20 | 1000 | | 2000 | | 3000 | | 4100 | | 5100 | | 6100 | | 7100 | |
|  | 30 | 1400 | | 2700 | | 4100 | | 5400 | | 6800 | | 8100\* | | 9500\* | |
|  | 40 | 1700 | | 3400 | | 5100 | | 6800 | | 8400\* | | 10100\* | | 11800\* | |
| Soil's Load- Bearing Capacity (psf) | Footing Area (square inches) | | | | | | | | | | | | | | |
| 1000 | 20 | | 144 | | 288 | | 432 | | 590 | | 734 | | 878 | | 1022 |
| 30 | | 202 | | 389 | | 590 | | 778 | | 979 | | 1166 | | 1368 |
| 40 | | 245 | | 490 | | 734 | | 979 | | 1210 | | 1454 | | 1699 |
| 1500 | 20 | | 144 | | 192 | | 288 | | 394 | | 490 | | 586 | | 682 |
| 30 | | 144 | | 259 | | 394 | | 518 | | 653 | | 778 | | 912 |
| 40 | | 163 | | 326 | | 490 | | 653 | | 806 | | 970 | | 1133 |
| 2000 | 20 | | 144 | | 144 | | 216 | | 295 | | 367 | | 439 | | 511 |
| 30 | | 144 | | 194 | | 295 | | 389 | | 490 | | 583 | | 684 |
| 40 | | 144 | | 245 | | 367 | | 490 | | 605 | | 727 | | 850 |
| 3000 | 20 | | 144 | | 144 | | 144 | | 197 | | 245 | | 293 | | 341 |
| 30 | | 144 | | 144 | | 197 | | 260 | | 326 | | 389 | | 456 |
| 40 | | 144 | | 163 | | 245 | | 326 | | 403 | | 485 | | 566 |
| 4000 | 20 | | 144 | | 144 | | 144 | | 148 | | 184 | | 220 | | 256 |
| 30 | | 144 | | 144 | | 148 | | 194 | | 245 | | 292 | | 342 |
| 40 | | 144 | | 144 | | 184 | | 245 | | 302 | | 364 | | 425 |

\* Individual supports shall NOT support loads greater than 8000 pounds for a single stack of 8"x8"x16" stack of blocks, 14000 pounds for a double stack.