**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.