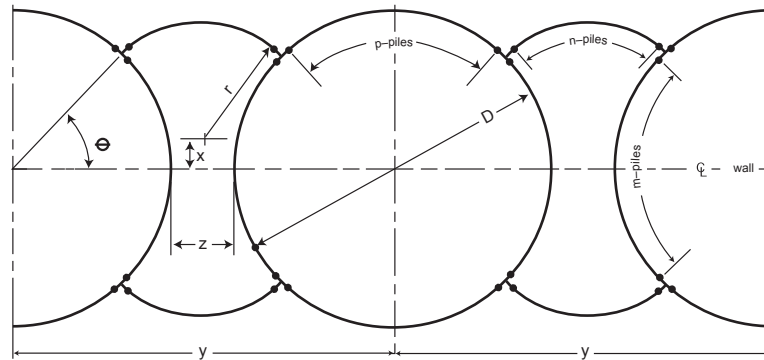


GERDAU SHEET PILING

PS FLAT SHEET PILING 90° TEE LAYOUT



Θ is measured to the center of the 90° connection

| Number of Piles in Cell† | D ft (m) | z ft (m) | y ft (m) | r ft (m) | X ft (m) | Θ deg | Number of Piles | | | Area | | Average Width ft (m) | Layout Number (see Website) |
|--------------------------|----------|----------|----------|----------|----------|-------|-----------------|----|----|----------------------------|------------------------------|----------------------|-----------------------------|
| | | | | | | | m | n | p | Within Circle sq ft (sq m) | Between Circles sq ft (sq m) | | |
| 44 | 21.20 | 7.53 | 28.73 | 9.72 | 0.68 | 45.3 | 10 | 9 | 10 | 353 | 197 | 19.2 | 4 |
| | 6.46 | 2.30 | 8.76 | 2.96 | 0.21 | | | | | 32.8 | 18.3 | 5.9 | |
| 48 | 23.29 | 6.84 | 30.13 | 9.67 | 1.45 | 45.2 | 11 | 9 | 11 | 426 | 203 | 20.9 | 6 |
| | 7.10 | 2.08 | 9.18 | 2.95 | 0.44 | | | | | 39.6 | 18.9 | 6.4 | |
| 52 | 25.38 | 6.31 | 31.69 | 9.73 | 2.15 | 45.2 | 12 | 9 | 12 | 506 | 210 | 22.6 | 4 |
| | 7.74 | 1.92 | 9.66 | 2.97 | 0.66 | | | | | 47.0 | 19.5 | 6.9 | |
| 56 | 27.47 | 5.62 | 33.09 | 9.68 | 2.92 | 45.2 | 13 | 9 | 13 | 593 | 213 | 24.3 | 6 |
| | 8.37 | 1.71 | 10.09 | 2.95 | 0.89 | | | | | 55.1 | 19.8 | 7.4 | |
| 60 | 29.56 | 5.09 | 34.64 | 9.73 | 3.62 | 45.2 | 14 | 9 | 14 | 686 | 218 | 26.1 | 4 |
| | 9.01 | 1.55 | 10.56 | 2.97 | 1.10 | | | | | 63.7 | 20.3 | 8.0 | |
| 64 | 31.65 | 5.95 | 37.60 | 10.76 | 3.58 | 45 | 15 | 10 | 15 | 787 | 264 | 27.9 | 3 |
| | 9.65 | 1.81 | 11.46 | 3.28 | 1.09 | | | | | 73.1 | 24.5 | 8.5 | |
| 68 | 33.73 | 5.42 | 39.15 | 10.82 | 4.28 | 45 | 16 | 10 | 16 | 894 | 269 | 29.7 | 5 |
| | 10.28 | 1.65 | 11.93 | 3.30 | 1.30 | | | | | 83.1 | 25.0 | 9.1 | |
| 72 | 35.82 | 4.73 | 40.55 | 10.76 | 5.05 | 45.2 | 17 | 10 | 17 | 1008 | 269 | 31.5 | 3 |
| | 10.92 | 1.44 | 12.36 | 3.28 | 1.54 | | | | | 93.6 | 25.0 | 9.6 | |
| 76 | 37.91 | 5.59 | 43.51 | 11.83 | 5.09 | 45.1 | 18 | 11 | 18 | 1129 | 324 | 33.4 | 4 |
| | 11.55 | 1.70 | 13.26 | 3.61 | 1.55 | | | | | 104.9 | 30.1 | 10.2 | |
| 80 | 40.00 | 4.91 | 44.91 | 11.77 | 5.87 | 45.1 | 19 | 11 | 19 | 1257 | 323 | 35.2 | 6 |
| | 12.19 | 1.50 | 13.69 | 3.59 | 1.79 | | | | | 116.8 | 30.0 | 10.7 | |
| 84 | 42.09 | 5.92 | 48.02 | 12.91 | 5.76 | 45 | 20 | 12 | 20 | 1391 | 386 | 37.0 | 5 |
| | 12.83 | 1.80 | 14.64 | 3.93 | 1.76 | | | | | 129.2 | 35.9 | 11.3 | |
| 88 | 44.18 | 5.24 | 49.42 | 12.85 | 6.53 | 45 | 21 | 12 | 21 | 1533 | 384 | 38.8 | 3 |
| | 13.47 | 1.60 | 15.06 | 3.92 | 1.99 | | | | | 142.4 | 35.7 | 11.8 | |
| 92 | 46.27 | 6.10 | 52.37 | 13.92 | 6.57 | 45.1 | 22 | 13 | 22 | 1681 | 450 | 40.7 | 4 |
| | 14.10 | 1.86 | 15.96 | 4.24 | 2.00 | | | | | 156.2 | 41.8 | 12.4 | |
| 96 | 48.36 | 5.42 | 53.77 | 13.86 | 7.34 | 45.1 | 23 | 13 | 23 | 1837 | 448 | 42.5 | 6 |
| | 14.74 | 1.65 | 16.39 | 4.22 | 2.24 | | | | | 170.7 | 41.6 | 13.0 | |
| 100 | 50.45 | 4.88 | 55.33 | 13.92 | 8.04 | 45.1 | 24 | 13 | 24 | 1999 | 451 | 44.3 | 4 |
| | 15.38 | 1.49 | 16.86 | 4.24 | 2.45 | | | | | 185.7 | 41.9 | 13.5 | |
| 104 | 52.54 | 5.74 | 58.28 | 14.94 | 8.01 | 45 | 25 | 14 | 25 | 2168 | 445 | 46.1 | 3 |
| | 16.01 | 1.75 | 17.76 | 4.55 | 2.44 | | | | | 201.4 | 41.3 | 14.1 | |
| 108 | 54.63 | 6.61 | 61.24 | 16.01 | 8.05 | 45.1 | 26 | 15 | 26 | 2344 | 596 | 48.0 | 4 |
| | 16.65 | 2.01 | 18.67 | 4.88 | 2.45 | | | | | 217.8 | 55.4 | 14.6 | |
| 112 | 56.72 | 5.92 | 62.64 | 15.95 | 8.82 | 45.1 | 27 | 15 | 27 | 2526 | 592 | 49.8 | 6 |
| | 17.29 | 1.80 | 19.09 | 4.86 | 2.69 | | | | | 234.7 | 55.0 | 15.2 | |
| 116 | 58.80 | 5.39 | 64.19 | 16.01 | 9.52 | 45.1 | 28 | 15 | 28 | 2716 | 595 | 51.6 | 4 |
| | 17.92 | 1.64 | 19.57 | 4.88 | 2.90 | | | | | 252.3 | 55.3 | 15.7 | |
| 120 | 60.89 | 6.25 | 67.14 | 17.03 | 9.49 | 45 | 29 | 16 | 29 | 2912 | 674 | 53.4 | 3 |
| | 18.56 | 1.91 | 20.46 | 5.19 | 2.89 | | | | | 270.5 | 62.6 | 16.3 | |
| 124 | 62.98 | 5.71 | 68.7 | 17.08 | 10.19 | 45 | 30 | 16 | 30 | 3116 | 677 | 55.2 | 5 |
| | 19.20 | 1.74 | 20.94 | 5.21 | 3.11 | | | | | 289.5 | 62.9 | 16.8 | |
| 128 | 65.07 | 5.03 | 70.1 | 17.03 | 10.96 | 45 | 31 | 16 | 31 | 3326 | 670 | 57.0 | 3 |
| | 19.83 | 1.53 | 21.37 | 5.19 | 3.34 | | | | | 309.0 | 62.2 | 17.4 | |

All dimensions given are nominal.

†Includes 4 (four) 90° Tee connectors