

**TABLE 7: 800 Series — Factored Moment Capacities\* (in-lbs/ft width of wall) — Reinforced Sections 4 Rebar**

Bar Size	Concrete Compressive Strength, $f'_c$ psi				
	3,000	3,500	4,000	4,500	5,000
No. 4	95,900	100,900	104,900	108,100	109,900
No. 5	127,100	132,800	138,100	143,100	147,700
No. 6	161,200	167,900	174,100	179,800	185,300
No. 7	201,600	209,100	216,200	222,800	229,000
No. 8	248,200	256,600	264,500	271,900	278,900

\*As stated on page 1, the reported ultimate (factored) moment capacities were computed by multiplying the nominal moment capacity by a strength reduction factor of 0.65.

**TABLE 8: 800 Series — Bending Stiffness (lb-in<sup>2</sup>/ft width of wall) — Reinforced Sections 4 Rebar**

Bar Size	Concrete Compressive Strength, $f'_c$ psi				
	3,000	3,500	4,000	4,500	5,000
No. 4	234,820,000	239,000,000	242,900,000	246,235,000	249,500,000
No. 5	309,785,000	317,402,000	323,775,000	330,000,000	334,400,000
No. 6	383,022,000	394,125,000	404,646,000	413,000,000	420,000,000
No. 7	459,000,000	475,658,000	489,700,000	501,500,000	511,750,000
No. 8	537,000,000	558,815,000	576,993,000	592,869,000	606,500,000

**TABLE 9: 800 Series — Factored Shear Capacity/ft width\* — Reinforced Sections 4 Rebar**

$V_c + V_F$	Concrete Compressive Strength, $f'_c$ psi				
	3,000	3,500	4,000	4,500	5,000
lb/ft	8,000	8,260	8,510	8,740	8,950

\*As stated on page 1, the reported factored shear capacities were computed by multiplying the nominal shear capacity by a strength reduction factor of 0.75.

#### 800 Series — Rebar Placement — Reinforced Sections 4 Rebar

