

TABLE 1004(g)2—MINIMUM LENGTH OF POSITIVE REINFORCEMENT

Strip	Percentage of required reinforcing steel area to be extended at least as indicated	Maximum distance from centerline of support and of straight bar or bend point of bent bar		Minimum embedment in drop panel of 16 bar diameter but at least 10 in.
		Plat slabs without drop panels	Plat slabs with drop panels	
Column strip reinforcement	Not less than 33 percent	0.125L	0.125L	Minimum embedment in drop panel of 16 bar diameter but at least 10 in.
	Not less than 50 percent*	3 in.	or 0.25L	Minimum embedment in drop panel of 16 bar diameter but at least 10 in.
	Remainder*	0.125L	or 0.25L	Minimum embedment in drop panel of 16 bar diameter but at least 10 in.
Middle strip reinforcement	50 percent	0.15L	0.15L	0.15L
	50 percent*	3 in.	or 0.25L	3 in.

*Bars may be straight, bent, or any combination of straight and bent bars. All bars shall be considered straight bars for the end under consideration unless bent at that end and continued as negative reinforcement.

Note: See also Fig. 1004(g).

are omitted shall equal $(t_1 + t_2)/2$ provided the value of c used in the computations complies with Section 1004(c).

(f) Bending moment coefficients

- The numerical sum of the positive and negative bending moments in the direction of either side of a rectangular panel shall be assumed as not less than

$$M_o = 0.09 WLF \left(1 - \frac{2c}{3L} \right)^2$$

in which $F = 1.15 - c/L$ but not less than 1.

- Unless otherwise provided, the bending moments at the critical section of the column and middle strips shall be at least those given in Table 1004(g).

STRIP	TYPE BAR	LOCATION	MINIMUM % OF REQUIRED AS AT SECTION	WITHOUT DROP PANELS		WITH DROP PANELS		EXTERIOR SUPPORT	INTERIOR SUPPORT	EXTERIOR SUPPORT
				TOP	BOTTOM	TOP	BOTTOM			
COLUMN STRIP	STRAIGHT	TOP	50 → Remainder →	b d	b d	b d	b d	16 Bar dia. or 10" all bars	16 Bar dia. or 10" all bars	16 Bar dia. or 10" all bars
			33 → 34 → Remainder →	b c d	b c d	b c d	b c d	Edge of drop	Edge of drop	Edge of drop
	BENT	TOP	50 → Remainder →	b c e	b c e	b c e	b c e	16 Bar dia. or 10" all bars	16 Bar dia. or 10" all bars	16 Bar dia. or 10" all bars
			33 → 34 → Remainder →	b c e	b c e	b c e	b c e	Edge of drop	Edge of drop	Edge of drop
		BOTTOM	50 to 67 33 to 50 Total not less than 100	b c e	b c e	b c e	b c e	16 Bar dia. or 10" all bars	16 Bar dia. or 10" all bars	16 Bar dia. or 10" all bars