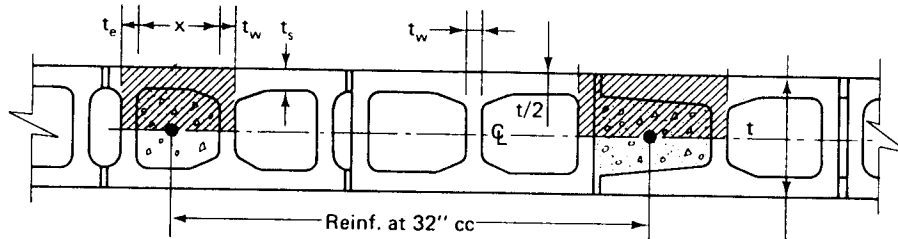
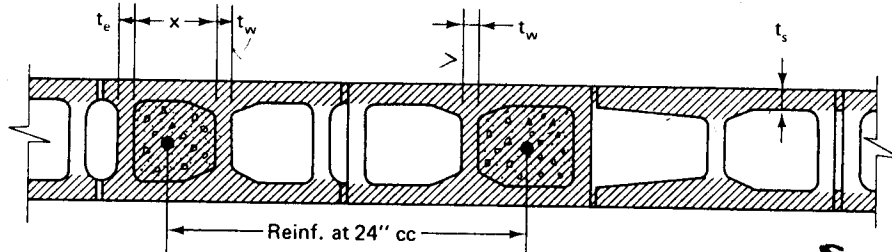


(a) Area assumed effective in flexural compression, force normal to face



(b) Area assumed effective in shear, force normal to face



$x = 6''$ $t_w = 1''$
 $t_s = 1.25''$ $t_e = 1.25''$

(c) Area assumed effective in shear, force parallel to face

FIGURE 7-6. Compressive and shear areas.

TABLE 7-4
 Equivalent Solid Thickness—Hollow Unit Masonry Walls^a

Grout spacing	Includes all webs Nominal unit thickness (in.)			In-plane shear area—in. ² /ft (8 in. block)
	6	8	12	
Solid grouted	5.6	7.6	11.6	88.5
Grout at 16 in. oc	4.5	5.8	8.5	60.9
24	4.1	5.2	7.5	50.5
32	3.9	4.9	7.0	45.3
40	3.8	4.7	6.7	42.3
48	3.7	4.6	6.5	40.5
No grout	3.4	4.0	5.5	30

^aSome special shapes will vary from the figures shown.