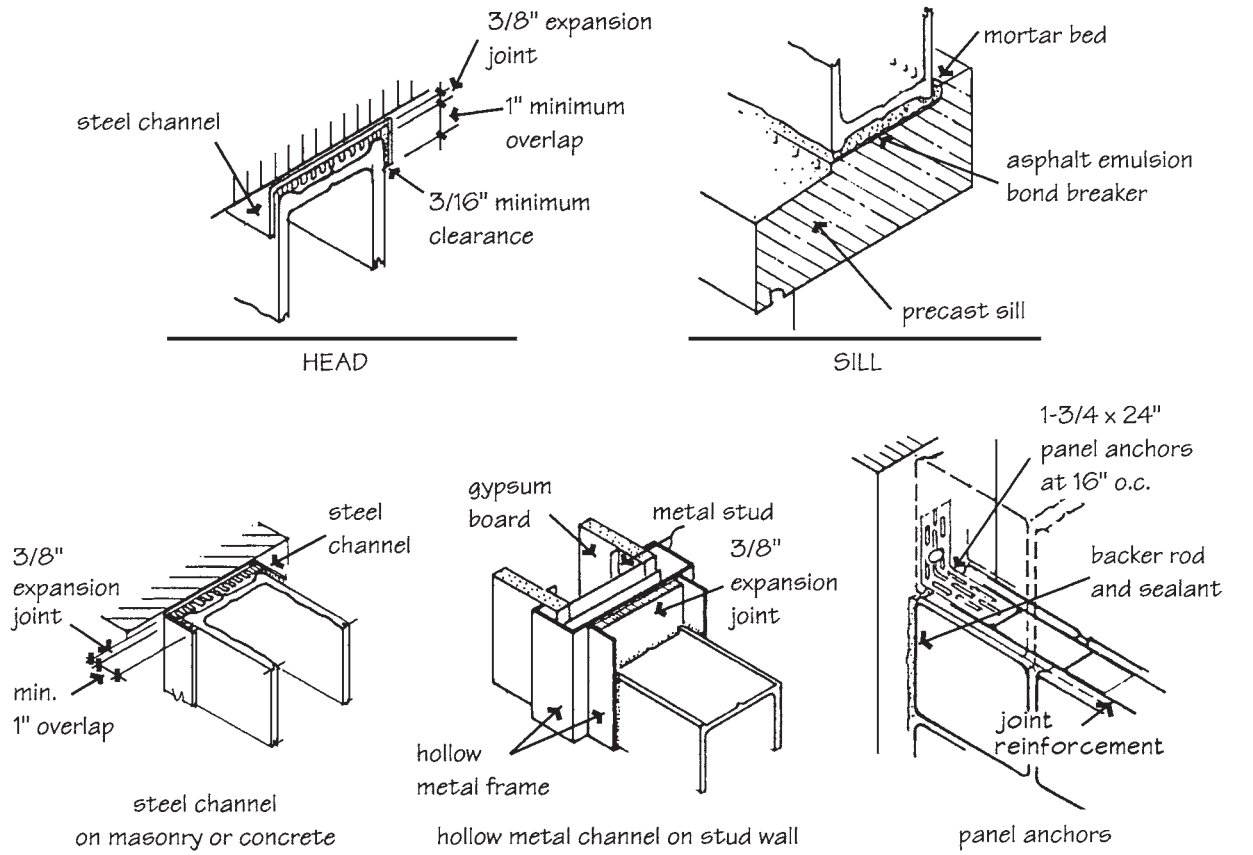
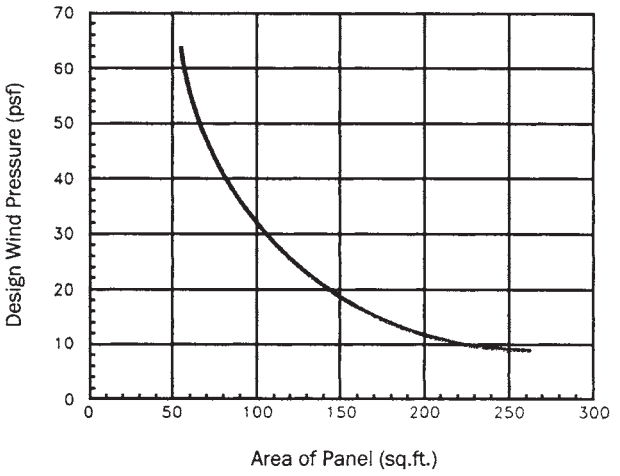


Figure 10-26 Typical glass block panel details.

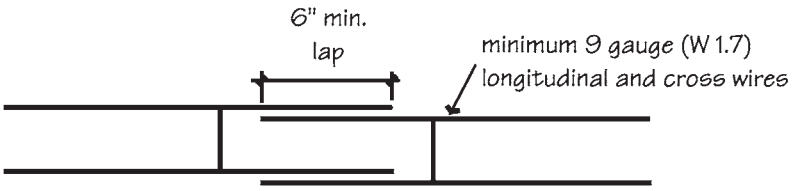
Maximum Glass Block Panel Sizes

Unit	Exterior Walls			Interior Walls		
	Area (sq.ft.)	Height (ft.)	Length (ft.)	Area (sq.ft.)	Height (ft.)	Length (ft.)
Standard, 3-7/8" thick	144§	20	25	250	20	25
Thin, 3-1/8" hollow	85	10	15	150	20	25
Thin, 3" solid	85	10	15	100	20	25

§ Maximum area limit for standard units is for 20 psf wind pressure. For other wind pressures, see graph below.



PANEL AREA ADJUSTMENTS FOR 3-7/8 IN. THICK STANDARD GLASS BLOCK UNITS FOR WIND PRESSURES OTHER THAN 20 PSF



JOINT REINFORCEMENT SPLICE DETAIL

joint reinforcement is required in bed joints at 16" on center, and in the first bed joint above and below openings

Figure 10-27 Code requirements for glass block panels. (*Based on* International Building Code 2003.)

10.4.2 Analytical Design

Masonry curtain walls which exceed allowable *h*/*t* ratios must be analytically designed, and may require reinforcing steel to resist flexural tensile stresses from either positive or negative wind pressures.

Long walls are usually designed to span horizontally between columns or cross walls, and must therefore resist bending and flexure in this direc-