



Figure 15: Typical steel stud-framed breakaway wall construction with designated section type, gauge, and size (prescriptive design method); see Table 5 for screw requirements. Note that two no. 6 screws are shown as a diagonal connection for clarity; the typical connection location is between the flanges of the steel stud and steel track.

Table 5: Required Number of 1-inch-long No. 6 Self-Tapping Screws for Steel Stud-Framed Breakaway Walls with Different Heights and Pile Spacings

Breakaway Wall Height (feet)	Pile Spacing (feet)	Number of Screws ⁽¹⁾
6	8	22
	10	28
	12	32
7	8	26
	10	32
	12	38
8	8	30
	10	36
	12	44
9	8	32
	10	42
	12	50

(1) Divided equally between top and bottom and evenly spaced and conforming to SAE J78 with a Type II coating in accordance with ASTM B 633 (screws must not be used along panel sides)