

TABLE NO. XIV  
ALLOWABLE WALL HEIGHTS (CONTINUED)

HS SECTION (1-3/8" FLANGE) - ALLOWABLE WALL HEIGHT IN FEET (Ft.)

CLADDING ON BOTH SIDES OF WALL (SEE NOTE 3)

DEFLECTION LIMIT = L / 120  
(WIND LOAD ONLY - NO AXIAL LOAD)

DEFLECTION LIMIT = L / 240  
(WIND LOAD ONLY - NO AXIAL LOAD)

DEPTH (IN.)	5 PSF			15 PSF			20 PSF			25 PSF			30 PSF			40 PSF			DEPTH (IN.)	5 PSF			15 PSF			20 PSF			25 PSF			30 PSF			40 PSF		
	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING		STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING	STUD SPACING					
20 GAUGE																		20 GAUGE																			
Fy = 33 KSI																		Fy = 33 KSI																			
1.625	12.6	11.4	10.0	8.7	7.9	6.9	7.9	7.2	6.1	7.4	6.6	5.4	6.9	6.1	5.0	6.1	5.3	4.3	1.625	10.0	9.1	7.9	6.9	6.3	5.5	6.3	5.7	5.0	5.8	5.3	4.6	5.5	5.0	4.4	5.0	4.5	4.0
2.500	17.4	15.8	13.8	12.1	11.0	9.2	11.0	9.8	8.0	10.1	8.7	7.1	9.2	8.0	6.5	8.0	6.9	5.6	2.500	13.8	12.5	11.0	9.6	8.7	7.6	8.7	7.9	6.9	8.1	7.3	6.4	7.6	6.9	6.0	6.9	6.3	5.5
3.500	22.5	20.5	17.9	15.6	14.1	11.5	14.1	12.2	10.0	12.6	10.9	8.9	11.5	10.0	8.1	10.0	8.6	7.0	3.500	17.9	16.2	14.2	12.4	11.3	9.8	11.3	10.2	8.9	10.4	9.5	8.3	9.8	8.9	7.8	8.9	8.1	7.0
3.625	23.1	21.0	18.4	16.0	14.4	11.8	14.4	12.5	10.2	12.9	11.2	9.1	11.8	10.2	8.3	10.2	8.8	7.2	3.625	18.4	16.7	14.6	12.7	11.6	10.1	11.6	10.5	9.2	10.7	9.8	8.5	10.1	9.2	8.0	9.2	8.3	7.2
4.000	25.0	22.7	19.8	17.3	15.4	12.6	15.4	13.4	10.9	13.8	11.9	9.8	12.6	10.9	8.9	10.9	9.4	7.7	4.000	19.8	18.0	15.7	13.7	12.5	10.9	12.5	11.3	9.9	11.6	10.5	9.2	10.9	9.9	8.7	9.9	9.0	7.7
6.000	34.4	31.3	27.3	23.5	20.4	16.6	20.4	17.7	14.4	18.2	15.8	12.9	16.6	14.4	11.8	14.4	12.5	10.2	6.000	27.3	24.8	21.7	19.0	17.2	15.0	17.2	15.6	13.7	16.0	14.5	12.7	15.0	13.7	11.8	13.7	12.4	10.2
18 GAUGE																		18 GAUGE																			
Fy = 33 KSI																		Fy = 33 KSI																			
2.500	18.9	17.2	15.0	13.1	11.9	10.4	11.9	10.8	9.4	11.0	10.0	8.5	10.4	9.4	7.7	9.4	8.2	6.7	2.500	15.0	13.6	11.9	10.4	9.4	8.2	9.4	8.6	7.5	8.8	8.0	7.0	8.2	7.5	6.5	7.5	6.8	5.9
3.500	24.5	22.2	19.4	17.0	15.4	13.5	15.4	14.0	11.8	14.3	12.9	10.6	13.5	11.8	9.6	11.8	10.2	8.3	3.500	19.4	17.7	15.4	13.5	12.2	10.7	12.2	11.1	9.7	11.4	10.3	9.0	10.7	9.7	8.5	9.7	8.8	7.7
4.000	27.2	24.7	21.6	18.8	17.1	14.9	17.1	15.6	12.9	15.9	14.1	11.5	14.9	12.9	10.5	12.9	11.2	9.1	4.000	21.6	19.6	17.1	15.0	13.6	11.9	13.6	12.3	10.8	12.6	11.5	10.0	11.9	10.8	9.4	10.8	9.8	8.6
6.000	37.5	34.1	29.8	26.0	23.6	19.8	23.6	21.0	17.1	21.6	18.7	15.3	19.8	17.1	14.0	17.1	14.8	12.1	6.000	29.8	27.1	23.6	20.7	18.8	16.4	18.8	17.1	14.9	17.4	15.8	13.8	16.4	14.9	13.0	14.9	13.5	11.8
8.000	47.5	43.2	37.7	32.9	29.8	24.4	29.8	25.8	21.1	26.7	23.1	18.9	24.4	21.1	17.2	21.1	18.3	14.9	8.000	37.7	34.3	29.9	26.1	23.8	20.7	23.8	21.6	18.9	22.0	20.0	17.5	20.7	18.9	16.5	18.9	17.1	14.9
10.000	57.3	52.0	45.4	38.0	32.9	26.9	32.9	28.5	23.3	29.4	25.5	20.8	26.9	23.3	19.0	23.3	20.2	16.5	10.000	45.4	41.3	36.1	31.5	28.6	25.0	28.6	26.0	22.7	26.6	24.1	20.8	25.0	22.7	19.0	22.7	20.2	16.5
12.000	66.5	60.4	50.6	41.3	35.8	29.2	35.8	31.0	25.3	32.0	27.7	22.6	29.2	25.3	20.6	25.3	21.9	17.9	12.000	52.7	47.9	41.9	36.6	33.2	29.0	33.2	30.2	25.3	30.8	27.7	22.6	29.0	25.3	20.6	25.3	21.9	17.9
16 GAUGE																		16 GAUGE																			
Fy = 50 KSI																		Fy = 50 KSI																			
2.500	20.3	18.5	16.1	14.1	12.8	11.2	12.8	11.6	10.2	11.9	10.8	9.4	11.2	10.2	8.9	10.2	9.2	8.1	2.500	16.1	14.6	12.8	11.2	10.2	8.9	10.2	9.2	8.1	9.4	8.6	7.5	8.9	8.1	7.0	8.1	7.3	6.4
3.500	26.4	24.0	20.9	18.3	16.6	14.5	16.6	15.1	13.2	15.4	14.0	12.2	14.5	13.2	11.5	13.2	12.0	10.5	3.500	20.9	19.0	16.6	14.5	13.2	11.5	13.2	12.0	10.5	12.2	11.1	9.7	11.5	10.5	9.1	10.5	9.5	8.3
3.625	27.1	24.6	21.5	18.8	17.1	14.9	17.1	15.5	13.6	15.9	14.4	12.6	14.9	13.6	11.8	13.6	12.3	10.8	3.625	21.5	19.6	17.1	14.9	13.6	11.8	13.6	12.3	10.8	12.6	11.4	10.0	11.8	10.8	9.4	10.8	9.8	8.5
4.000	29.3	26.6	23.3	20.3	18.5	16.1	18.5	16.8	14.7	17.1	15.6	13.6	16.1	14.7	12.8	14.7	13.3	11.6	4.000	23.3	21.1	18.5	16.1	14.7	12.8	14.7	13.3	11.6	13.6	12.4	10.8	12.8	11.6	10.2	11.6	10.6	9.2
6.000	40.5	36.8	32.2	28.1	25.5	22.3	25.5	23.2	20.3	23.7	21.5	18.8	22.3	20.3	17.7	20.3	18.4	16.1	6.000	32.2	29.2	25.5	22.3	20.3	17.7	20.3	18.4	16.1	18.8	17.1	14.9	17.7	16.1	14.0	16.1	14.6	12.8
8.000	51.3	46.6	40.7	35.6	32.3	28.2	32.3	29.4	25.6	30.0	27.3	23.8	28.2	25.6	22.4	25.6	23.3	20.4	8.000	40.7	37.0	32.3	28.2	25.6	22.4	25.6	23.3	20.4	23.8	21.6	18.9	22.4	20.4	17.8	20.4	18.5	16.2
10.000	61.8	56.2	49.1	42.9	39.0	34.0	39.0	35.4	30.9	36.2	32.9	28.7	34.0	30.9	26.5	30.9	28.1	22.9	10.000	49.1	44.6	39.0	34.0	30.9	27.0	30.9	28.1	24.5	28.7	26.1	22.8	27.0	24.5	21.4	24.5	22.3	19.5
12.000	72.0	65.4	57.2	49.9	45.4	39.6	45.4	41.2	35.2	42.1	38.3	31.5	39.6	35.2	28.8	35.2	30.5	24.9	12.000	57.2	51.9	45.4	39.6	36.0	31.5	36.0	32.7	28.6	33.4	30.4	26.5	31.5	28.6	25.0	28.6	26.0	22.7
14 GAUGE																		14 GAUGE																			
Fy = 50 KSI																		Fy = 50 KSI																			
3.500	28.4	25.8	22.5	19.7	17.9	15.6	17.9	16.3	14.2	16.6	15.1	13.2	16.6	14.2	12.4	14.2	12.9	11.3	3.500	22.5	20.5	17.9	15.6	14.2	12.4	14.2	12.9	11.3	13.2	12.0	10.5	12.4	11.3	9.8	11.3	10.2	8.9
3.625	29.2	26.5	23.2	20.2	18.4	16.1	18.4	16.7	14.6	17.1	15.5	13.6	16.1	14.6	12.8	14.6	13.3	11.6	3.625	23.2	21.1	18.4	16.1	14.6	12.8	14.6	13.3	11.6	13.6	12.3	10.8	12.8	11.6	10.1	11.6	10.5	9.2
4.000	31.6	28.7	25.0	21.9	19.9	17.4	19.9	18.1	15.8	18.5	16.8	14.6	17.4	15.8	13.8	15.8	14.3	12.5	4.000	25.0	22.8	19.9	17.4	15.8	13.8	15.8	14.3	12.5	14.6	13.3	11.6	13.8	12.5	10.9	12.5	11.4	9.9
6.000	43.7	39.7	34.7	30.3	27.5	24.0	27.5	25.0	21.8	25.6	23.2	20.3	24.0	21.8	19.1	21.8	19.8	17.3	6.000	34.7	31.5	27.5	24.0	21.8	19.1	21.8	19.8	17.3	20.3	18.4	16.1	19.1	17.3	15.1	17.3	15.8	13.8
8.000	55.3	50.3	43.9	38.4	34.9	30.5	34.9	31.7	27.7	32.4	29.4	25.7	30.5	27.7	24.2	27.7	25.1	22.0	8.000	43.9	39.9	34.9	30.5	27.7	24.2	27.7	25.1	22.0	25.7	23.3	20.4	24.2	22.0	19.2	22.0	20.0	17.4
10.000	66.7	60.6	53.0	46.3	42.0	36.7	42.0	38.2	33.4	39.0	35.5	31.0	36.7	33.4	29.2	33.4	30.3	26.5	10.000	53.0	48.1	42.0	36.7	33.4	29.2	33.4	30.3	26.5	31.0	28.1	24.6	29.2	26.5	23.1	26.5	24.1	21.0
12.000	78.0	70.9	61.9	54.1	49.1	42.9	49.1	44.6	39.0	45.6	41.4	36.2	42.9	39.0	34.1	39.0	35.4	30.0	12.000	61.9	56.2	49.1	42.9	39.0	34.1	39.0	35.4	31.0	36.2	32.9	28.7	34.1	31.0	27.0	31.0	28.1	24.6
12 GAUGE																		12 GAUGE																			
Fy = 50 KSI																		Fy = 50 KSI																			
3.500	31.6	28.7	25.1	21.9	19.9	17.4	19.9	18.1	15.8	18.5	16.8	14.7	17.4	15.8	13.8	15.8	14.3	12.5	3.500	25.1	22.8	19.9	17.4	15.8	13.8	15.8	14.3	12.5	14.7	13.3	11.6	13.8	12.5	10.9	12.5	11.4	9.9
3.625	32.5	29.5	25.8	22.5	20.4	17.9	20.4	18.6	16.2	19.0	17.2	15.1	17.9	16.2	14.2	16.2	14.7	12.9	3.625	25.8	23.4	20.4	17.9	16.2	14.2	16.2	14.7	12.9	15.1	13.7	12.0	14.2	12.9	11.3	12.9	11.7	10.2
4.000	35.1	31.9	27.9	24.4	22.1	19.3	22.1	20.1	17.6	20.5	18.7	16.3	19.3	17.6	15.3	17.6	16.0	13.9	4.000	27.9	25.3	22.1	19.3	17.6	15.3	17.6	16.0	13.9	16.3	14.8	12.9	15.3	13.9	12.2	13.9	12.7	11.1
6.000	48.8	44.3	38.7	33.8	30.7	26.8	30.7	27.9	24.4	28.5	25.9	22.6	26.8	24.4	21.3	24.4	22.2	19.4	6.000	38.7	35.2	30.7	26.8	24.4	21.3	24.4	22.2	19.4	22.6	20.6							