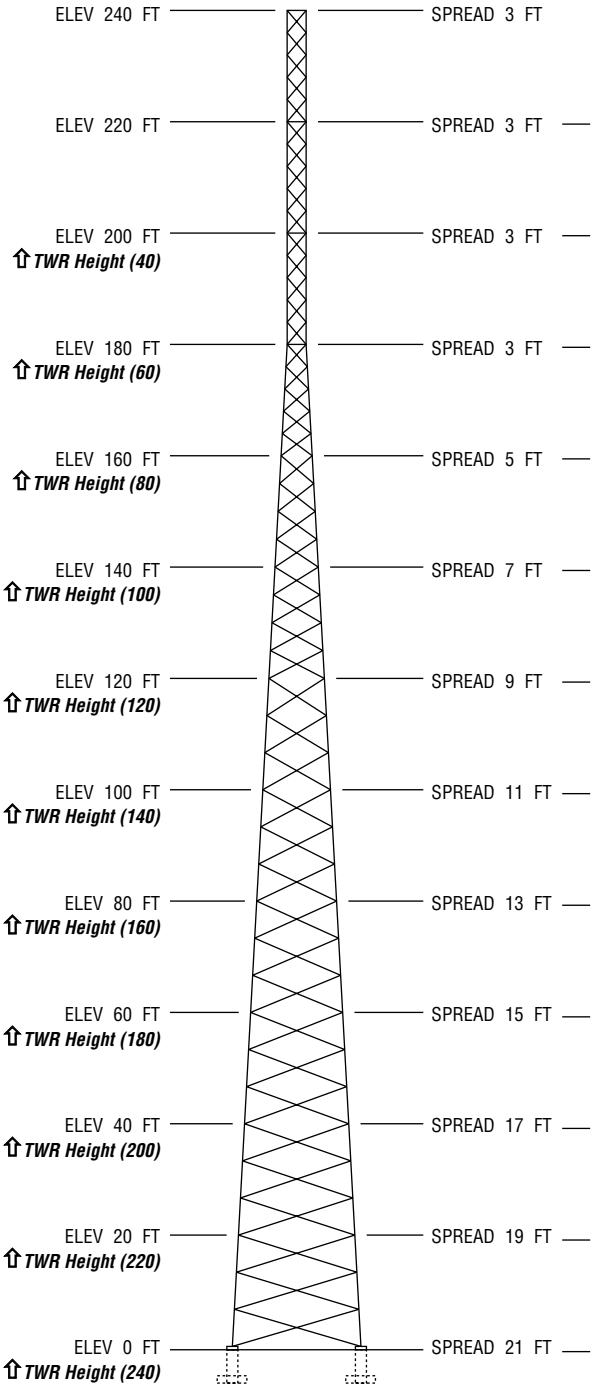
Sabre™ Site Solutions
A Division of Sabre Industries, Inc.

Series VL Self-Supporting Tower
Figure 1A

Moving from bottom to top, choose a tower height to find the corresponding base spread. Next go to the wind speed you need and move up the chart to obtain leg size, bracing size and spread for each section of the tower.



	70 mph	80 mph	90 mph	100 mph	110 mph
SPREAD 3 FT	Leg Size 2⅜" OD x .154 Bracing Size 1½" x 1½" x ⅛"	Leg Size 2⅜" OD x .154 Bracing Size 1½" x 1½" x ⅛"	Leg Size 2⅜" OD x .154 Bracing Size 1½" x 1½" x ⅛"	Leg Size 2⅜" OD x .154 Bracing Size 1½" x 1½" x ⅛"	Leg Size 2⅜" OD x .154 Bracing Size 1½" x 1½" x ⅛"
SPREAD 3 FT	Leg Size 2⅜" OD x .154 Bracing Size 1½" x 1½" x ⅛"	Leg Size 2⅜" OD x .154 Bracing Size 1½" x 1½" x ⅛"	Leg Size 2⅜" OD x .154 Bracing Size 1½" x 1½" x ⅛"	Leg Size 2⅜" OD x .154 Bracing Size 1½" x 1½" x ⅛"	Leg Size 2⅜" OD x .218 Bracing Size 1½" x 1½" x ⅛"
SPREAD 3 FT	Leg Size 2⅜" OD x .154 Bracing Size 1½" x 1½" x ⅛"	Leg Size 2⅜" OD x .218 Bracing Size 1½" x 1½" x ⅛"	Leg Size 2⅞" OD x .203 Bracing Size 1½" x 1½" x ⅛"	Leg Size 3½" OD x .216 Bracing Size 1½" x 1½" x ⅛"	Leg Size 4" OD x .226 Bracing Size 1½" x 1½" x 3⁄16"
SPREAD 3 FT	Leg Size 2⅜" OD x .218 Bracing Size 1½" x 1½" x ⅛"	Leg Size 2⅞" OD x .203 Bracing Size 1½" x 1½" x ⅛"	Leg Size 3½" OD x .216 Bracing Size 1½" x 1½" x ⅛"	Leg Size 3½" OD x .216 Bracing Size 1½" x 1½" x ⅛"	Leg Size 4" OD x .226 Bracing Size 1½" x 1½" x ⅛"
SPREAD 5 FT	Leg Size 2⅜" OD x .218 Bracing Size 1½" x 1½" x ⅛"	Leg Size 2⅞" OD x .203 Bracing Size 1½" x 1½" x ⅛"	Leg Size 3½" OD x .216 Bracing Size 1½" x 1½" x ⅛"	Leg Size 4" OD x .226 Bracing Size 1½" x 1½" x ⅛"	Leg Size 4½" OD x .237 Bracing Size 1½" x 1½" x ⅛"
SPREAD 7 FT	Leg Size 2⅞" OD x .203 Bracing Size 2" x 2" x ⅛"	Leg Size 3½" OD x .216 Bracing Size 2" x 2" x ⅛"	Leg Size 3½" OD x .216 Bracing Size 2" x 2" x ⅛"	Leg Size 4" OD x .226 Bracing Size 2" x 2" x ⅛"	Leg Size 4½" OD x .237 Bracing Size 2" x 2" x ⅛"
SPREAD 9 FT	Leg Size 3½" OD x .216 Bracing Size 2" x 2" x ⅛"	Leg Size 3½" OD x .216 Bracing Size 2" x 2" x ⅛"	Leg Size 4" OD x .226 Bracing Size 2" x 2" x ⅛"	Leg Size 4½" OD x .237 Bracing Size 2" x 2" x ⅛"	Leg Size 5⁹⁄16" OD x .258 Bracing Size 2" x 2" x ⅛"
SPREAD 11 FT	Leg Size 3½" OD x .216 Bracing Size 2½" x 2½" x 3⁄16"	Leg Size 4" OD x .226 Bracing Size 2½" x 2½" x 3⁄16"	Leg Size 4½" OD x .237 Bracing Size 2½" x 2½" x 3⁄16"	Leg Size 5⁹⁄16" OD x .258 Bracing Size 2½" x 2½" x 3⁄16"	Leg Size 5⁹⁄16" OD x .258 Bracing Size 2½" x 2½" x 3⁄16"
SPREAD 13 FT	Leg Size 3½" OD x .216 Bracing Size 2½" x 2½" x 3⁄16"	Leg Size 4" OD x .226 Bracing Size 2½" x 2½" x 3⁄16"	Leg Size 5⁹⁄16" OD x .258 Bracing Size 2½" x 2½" x 3⁄16"	Leg Size 5⁹⁄16" OD x .258 Bracing Size 2½" x 2½" x 3⁄16"	Leg Size 6⅝" OD x .280 Bracing Size 2½" x 2½" x 3⁄16"
SPREAD 15 FT	Leg Size 4" OD x .226 Bracing Size 3" x 3" x 3⁄16"	Leg Size 4½" OD x .237 Bracing Size 3" x 3" x 3⁄16"	Leg Size 5⁹⁄16" OD x .258 Bracing Size 3" x 3" x 3⁄16"	Leg Size 5⁹⁄16" OD x .258 Bracing Size 3" x 3" x 3⁄16"	Leg Size 6⅝" OD x .280 Bracing Size 3" x 3" x 3⁄16"
SPREAD 17 FT	Leg Size 4" OD x .226 Bracing Size 3" x 3" x 3⁄16"	Leg Size 4½" OD x .237 Bracing Size 3" x 3" x 3⁄16"	Leg Size 5⁹⁄16" OD x .258 Bracing Size 3" x 3" x 3⁄16"	Leg Size 6⅝" OD x .280 Bracing Size 3" x 3" x 3⁄16"	Leg Size 8⅝" OD x .322 Bracing Size 3" x 3" x 3⁄16"
SPREAD 19 FT	Leg Size 4½" OD x .237 Bracing Size 3½" x 3½" x ¼"	Leg Size 5⁹⁄16" OD x .258 Bracing Size 3½" x 3½" x ¼"	Leg Size 5⁹⁄16" OD x .258 Bracing Size 3½" x 3½" x ¼"	Leg Size 6⅝" OD x .280 Bracing Size 3½" x 3½" x ¼"	Leg Size 8⅝" OD x .322 Bracing Size 3½" x 3½" x ¼"
SPREAD 21 FT					