

**SC-18 Table** Minimum Foundation Depth (inches) - Assumes 6" (152 mm) Row Spacing

Cover Height ft (m)	Minimum Required Bearing Capacity for Subgrade ksf (kPa)										
	4.0 (192)	3.8 (182)	3.6 (172)	3.4 (163)	3.2 (153)	3 (144)	2.8 (134)	2.6 (124)	2.4 (115)	2.2 (105)	2.0 (96)
1.5 (0.46)	6	6	6	6	6	6	9	9	9	12	12
2 (0.61)	6	6	6	6	6	6	6	9	9	12	12
3 (0.91)	6	6	6	6	6	6	6	6	9	12	12
4 (1.22)	6	6	6	6	6	6	6	6	6	9	9
6 (1.83)	6	6	6	6	6	6	6	6	9	9	12
8 (2.44)	6	6	6	6	6	6	6	9	9	12	12
10 (3.05)	6	6	6	6	6	6	6	9	9	12	12
12 (3.66)	6	6	6	6	6	6	9	9	9	12	12
14 (4.27)	9	9	9	9	9	9	9	12	12	12	*N/A
16 (4.88)	9	9	9	9	9	12	12	12	12	*N/A	*N/A

\*Call to discuss project (6" = 152 mm, 9" = 229 mm, 12" = 305 mm)

**SC-34 Table** Minimum Foundation Depth (inches) - Assumes 6" (152 mm) Row Spacing

Cover Height ft (m)	Minimum Required Bearing Capacity for Subgrade ksf (kPa)										
	4.0 (192)	3.8 (182)	3.6 (172)	3.4 (163)	3.2 (153)	3.0 (144)	2.8 (134)	2.6 (124)	2.4 (115)	2.2 (105)	2.0 (96)
1.5 (0.46)	6	6	6	6	6	6	9	9	9	12	12
2 (0.61)	6	6	6	6	6	6	9	9	9	12	12
3 (0.91)	6	6	6	6	6	6	9	9	9	12	12
4 (1.22)	6	6	6	6	6	9	9	9	9	12	15
6 (1.83)	6	6	6	6	6	9	9	9	12	15	15
8 (2.44)	6	6	6	6	9	9	12	12	15	15	18
10 (3.05)	6	6	6	9	9	9	12	15	15	18	18
12 (3.66)	6	6	9	9	9	12	15	15	18	18	18
14 (4.27)	9	9	9	9	12	12	15	18	18	18	*N/A
16 (4.88)	9	9	9	12	12	15	18	18	18	*N/A	*N/A

\*Call to discuss project (6" = 152 mm, 9" = 229 mm, 12" = 305 mm)

**SC-44 Table** Minimum Foundation Depth (inches) - Assumes 9" (229 mm) Row Spacing

Cover Height ft (m)	Minimum Required Bearing Capacity for Subgrade ksf (kPa)												
	4.4 (211)	4.2 (201)	4.0 (192)	3.8 (182)	3.6 (172)	3.4 (163)	3.2 (153)	3.0 (144)	2.8 (134)	2.6 (124)	2.4 (115)	2.2 (105)	2.0 (96)
1.83 (0.56)	9	9	9	9	9	9	9	9	12	12	12	12	15
2 (0.61)	9	9	9	9	9	9	9	9	12	12	12	15	15
3 (0.91)	9	9	9	9	9	9	9	12	12	12	15	15	18
4 (1.22)	9	9	9	9	9	12	12	12	12	15	15	18	18
5 (1.53)	9	9	9	9	12	12	12	12	15	15	18	18	21
6 (1.83)	9	9	6	12	12	12	12	15	15	18	18	21	21
7 (2.13)	9	12	12	12	12	12	15	15	18	18	21	21	24
8 (2.44)	12	12	12	12	15	15	15	18	18	21	21	24	24

(6" = 152 mm, 9" = 229 mm, 12" = 305 mm)

**Note:** The Design Engineer is ultimately responsible for evaluating the allowable bearing capacity of the subgrade soils and determining the foundation stone depth. Subgrade bearing resistance should be evaluated with consideration for the range of soil types and conditions expected under a typical stormwater infiltration/detention system.