



floor to ceiling: 13'-1.5"
 columns: 9"x9"
 beams: 11" d x 9" w
 sec. beams: 3" d x 5.5" w
 sec. beam spacing: 66"

floor to ceiling: 12'-2.5"
 columns: 9"x12"
 beams: 16" d x 16" w
 sec. beams: 3" d x 7" w
 sec. beam spacing: 40"

floor to ceiling: 12'-9"
 columns: 11"x11"
 beams: 14.5" d x 15" w
 sec. beams: 3" d x 7" w
 sec. beam spacing: 40"

floor to ceiling: 12'-5"
 columns: 13"x11.75"
 beams: 15" d x 15" w
 sec. beams: 3" d x 7" w
 sec. beam spacing: 40"

floor to ceiling: 12'-1"
 columns: 12.5"x15"
 beams: 15" d x 15" w
 sec. beams: 3" d x 7" w
 sec. beam spacing: 40"

floor to ceiling: 13'-2"
 columns: 16"
 beams: 15" d x 15" w
 sec. beams: 3" d x 7" w
 sec. beam spacing: 38"

floor to ceiling: 12'-6"
 columns: 16"
 beams: 15" d x 18" w
 sec. beams: 3" d x 7" w
 sec. beam spacing: 48"

floor to ceiling: 12'-7"
 columns: 16"
 beams: 15" d x 15.5" w
 sec. beams: 3" d x 7" w
 sec. beam spacing: 40"

7

6

5

4

3

2

1

b

roof of reference building: 111'-11.11"

110'-0.00"

105'-0.00"

100'-0.00"

95'-0.00"

90'-0.00"

85'-0.00"

80'-0.00"

75'-0.00"

70'-0.00"

65'-0.00"

60'-0.00"

55'-0.00"

50'-0.00"

45'-0.00"

40'-0.00"

35'-0.00"

30'-0.00"

25'-0.00"

20'-0.00"

15'-0.00"

10'-0.00"

5'-0.00"

0'-0.00"

1 e-w section 1/8"=1'-0"