

TABLE 4.2 Design Considerations for Outdoor Stairways

1. Outdoor stairs should be made easier to use than indoor stairways because people tend to be moving faster when outdoors.
2. The use of a single stair should be avoided. A minimum of three steps should be used to clearly signal the change in grade.
3. A minimum tread height of 4.5 in should be maintained. A maximum tread height of 7 in should also be observed.
4. Stair treads should be designed with a minimum of 2% positive pitch to provide drainage.
5. Vertical distance between landings should be 5 ft or less.
6. Stair design should incorporate visual signals to indicate stair treads and edges.

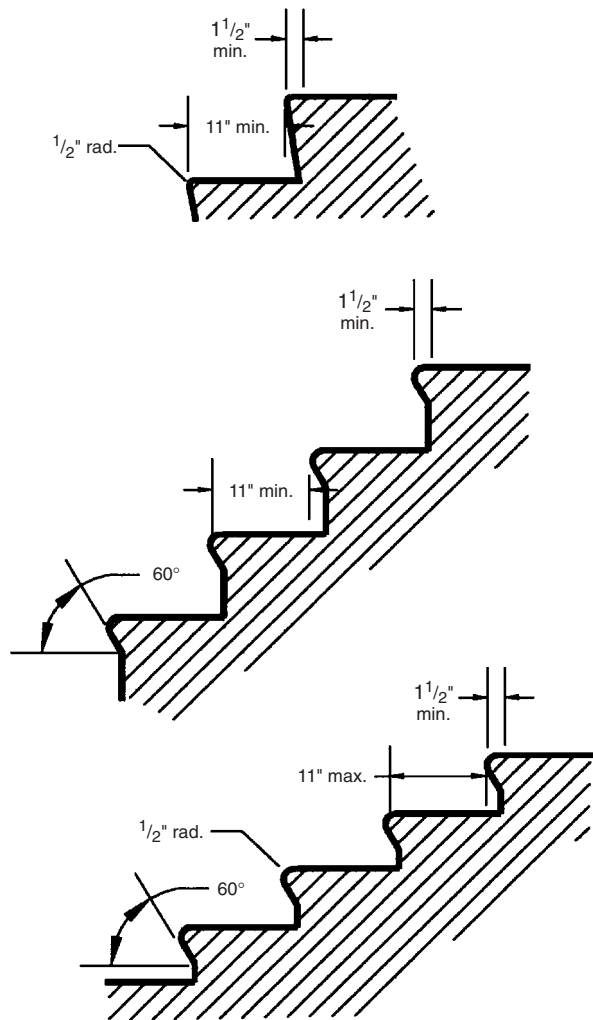


Figure 4.5 Usable tread width and acceptable nosing detail.