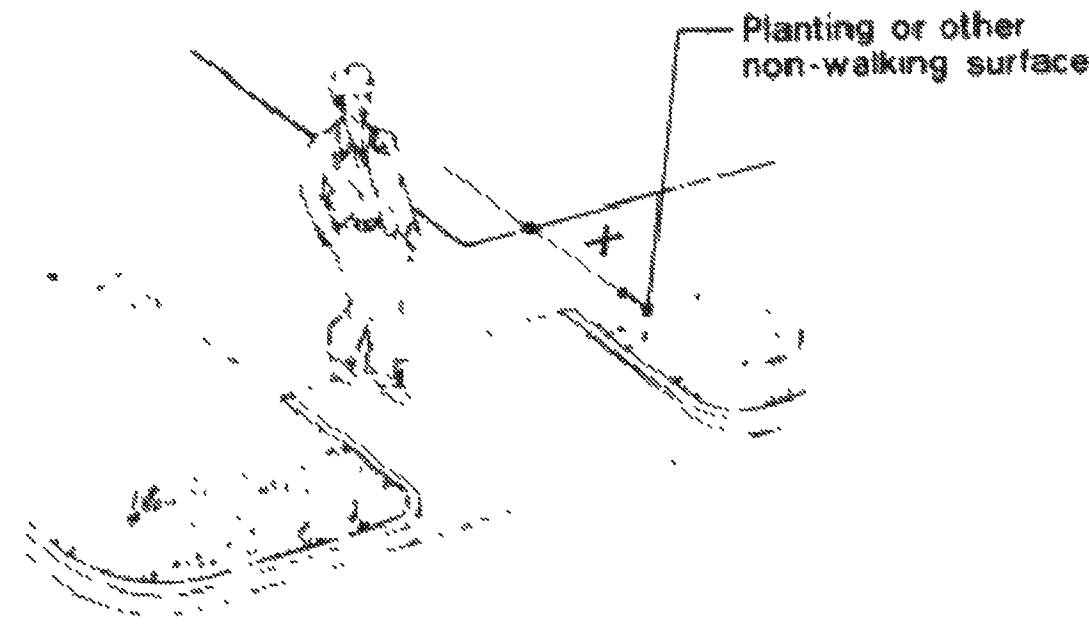
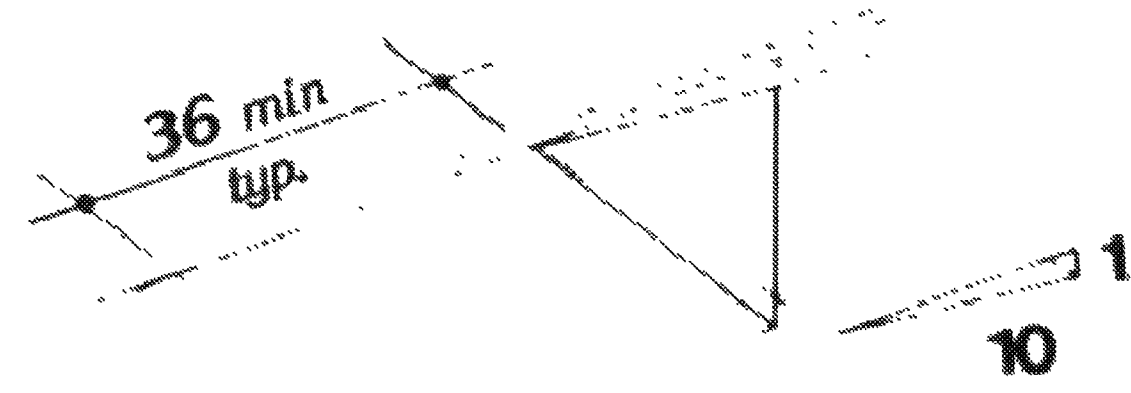




Where the curb ramp is completely contained within a planting strip or other non-walking surface, so that pedestrians would not normally cross the sides, the curb ramp sides can have steep sides including vertical returned curbs.

Figure 12b

Sides of Curb Ramps - Returned Curb



A built-up curb ramp extends outward from the curb and slopes to the ground surface. The sides must also be tapered from the ramp surface to the ground, with a maximum slope of 1:10, so that there are no drop-offs along the edges.

Figure 13

Built-Up Curb Ramp

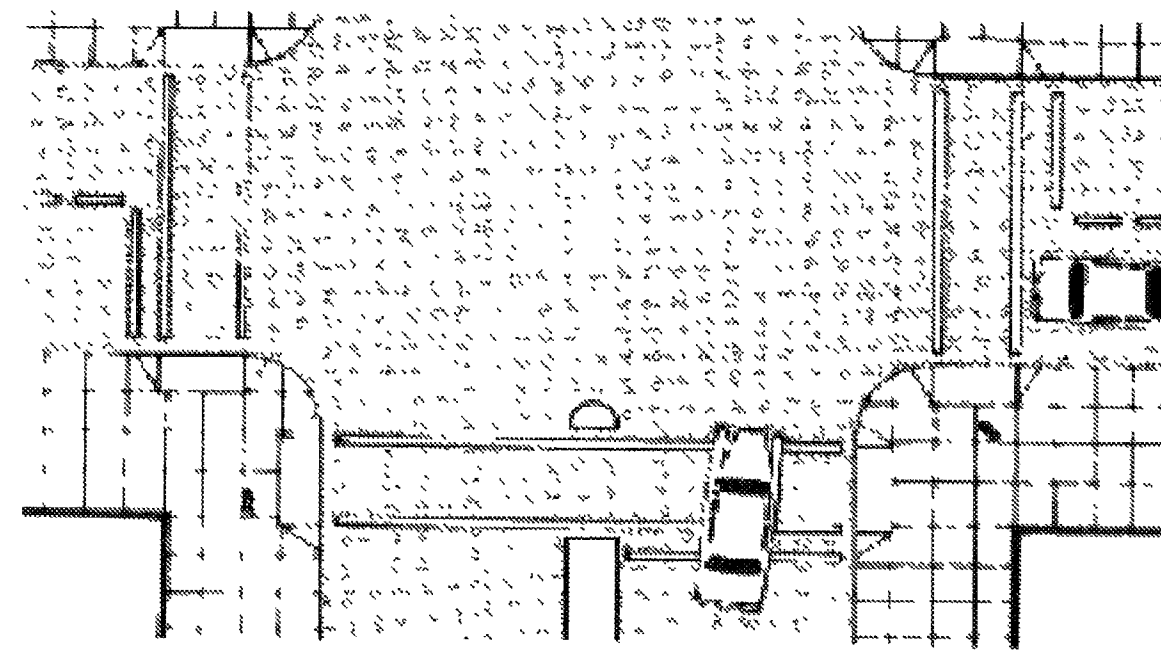


Figure 15a

Curb Ramp at Marked Crossings

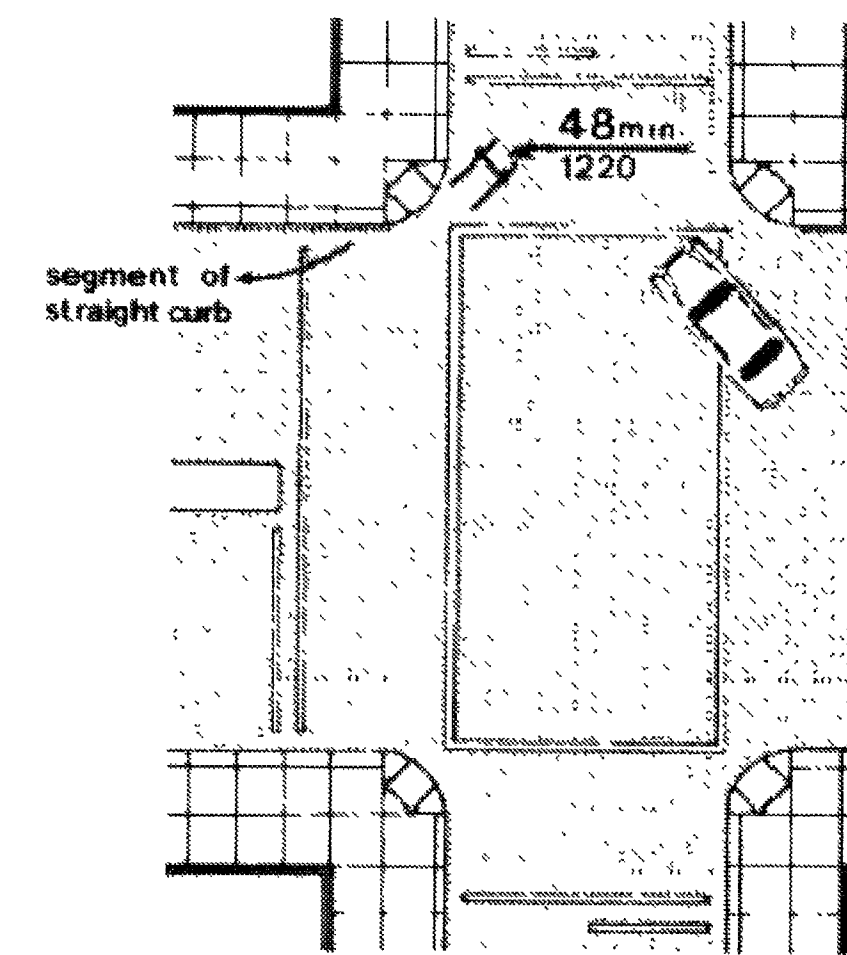


Figure 15b

Curb Ramp at Marked Crossings

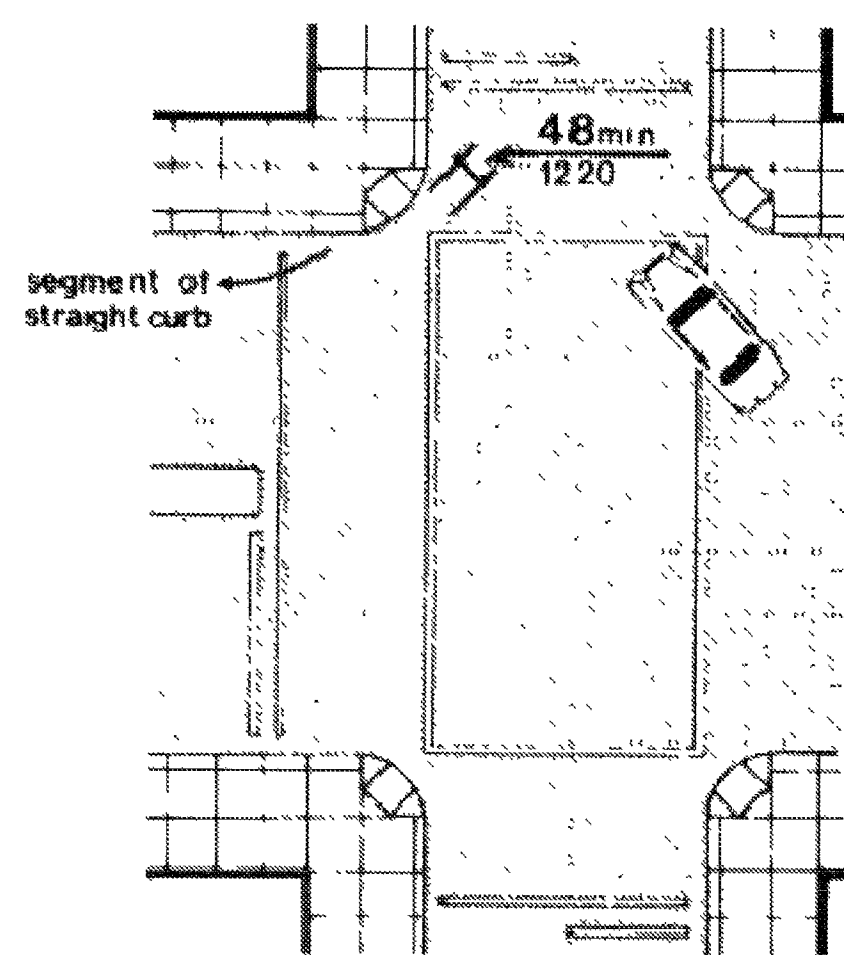


Figure 15c

Curb Ramp at Marked Crossings

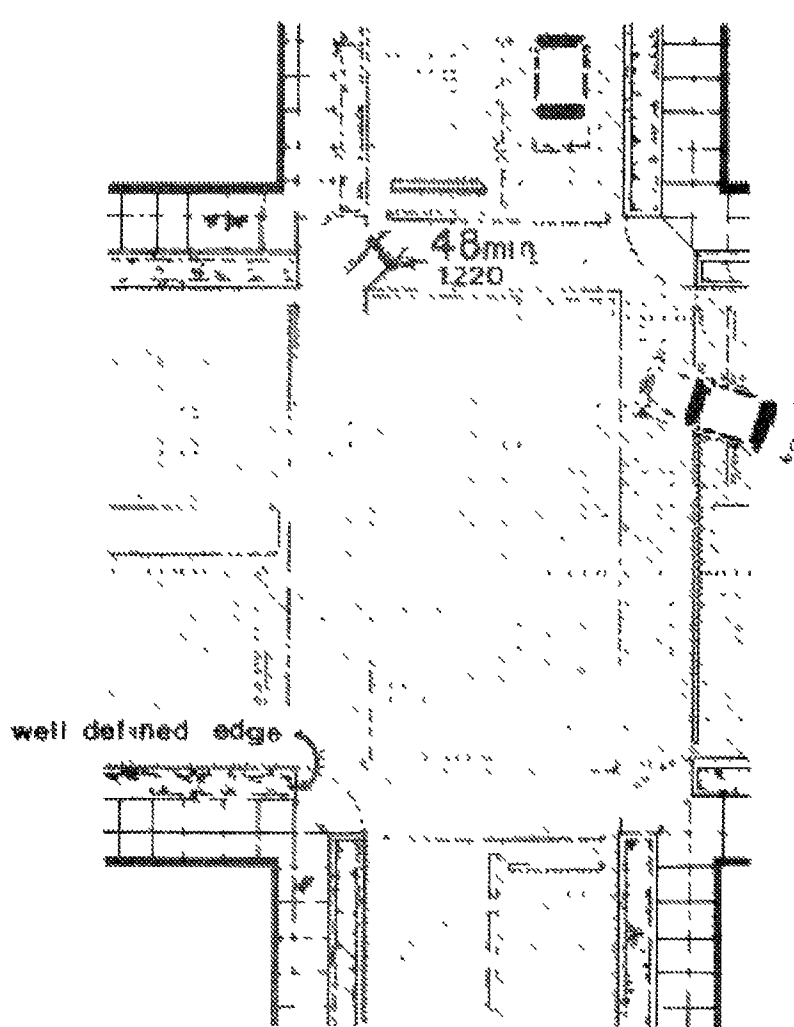
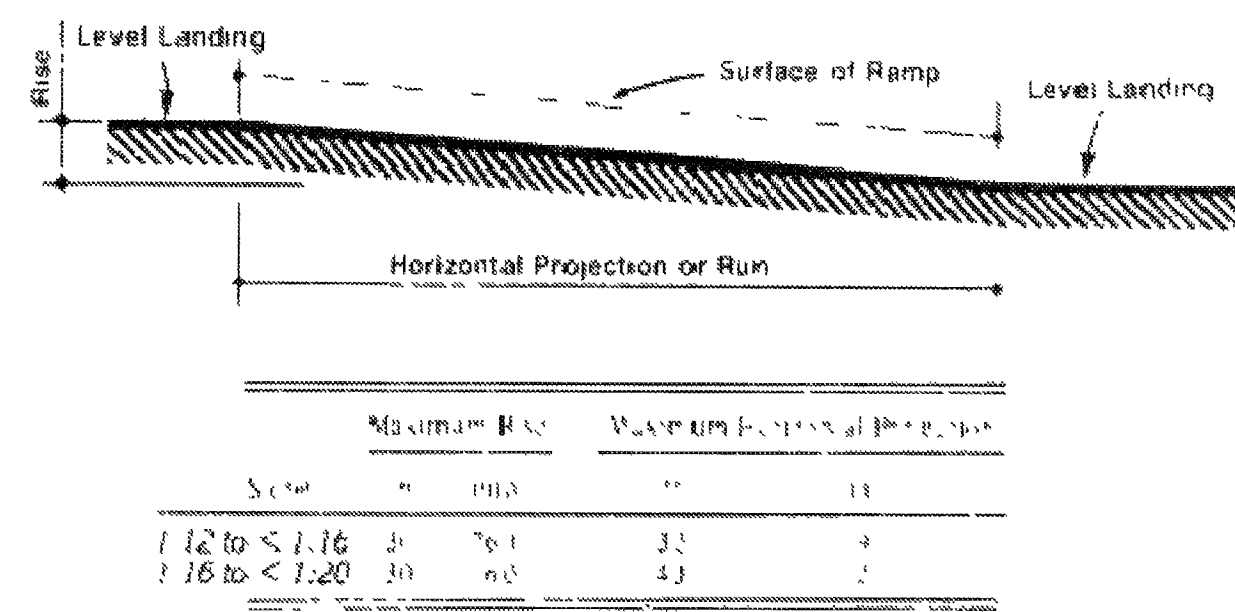


Figure 15d

Curb Ramp at Marked Crossings



If the slope of a ramp is between 1:12 and 1:16, the maximum rise shall be 30 inches (760 mm) and the maximum horizontal run shall be 30 feet (9 m). If the slope of the ramp is between 1:16 and 1:20, the maximum rise shall be 30 inches (760 mm) and the maximum horizontal run shall be 40 feet (12 m).

Figure 16

Components of a Single Ramp Run and Sample Ramp Dimensions

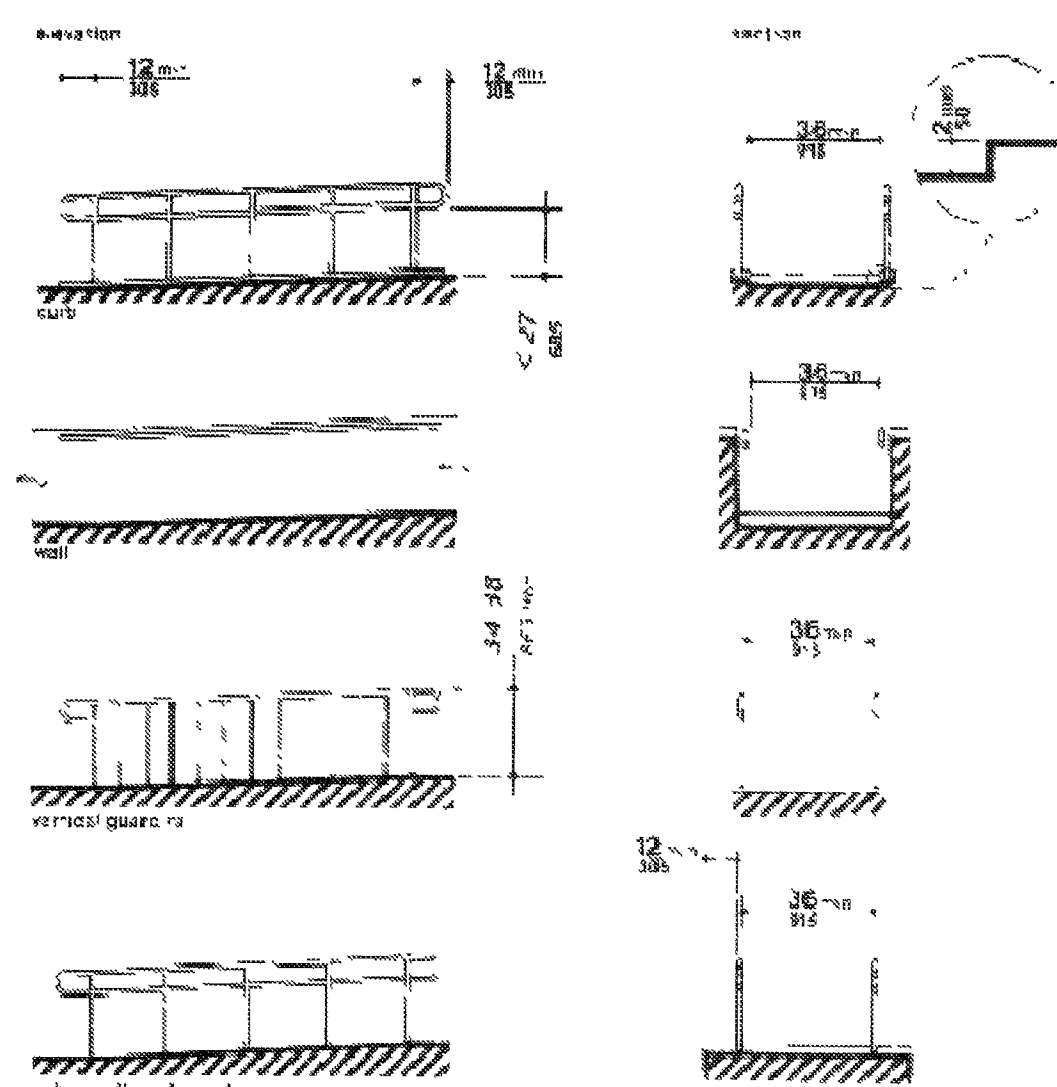


Figure 17

Examples of Edge Protection and Handrail Extensions

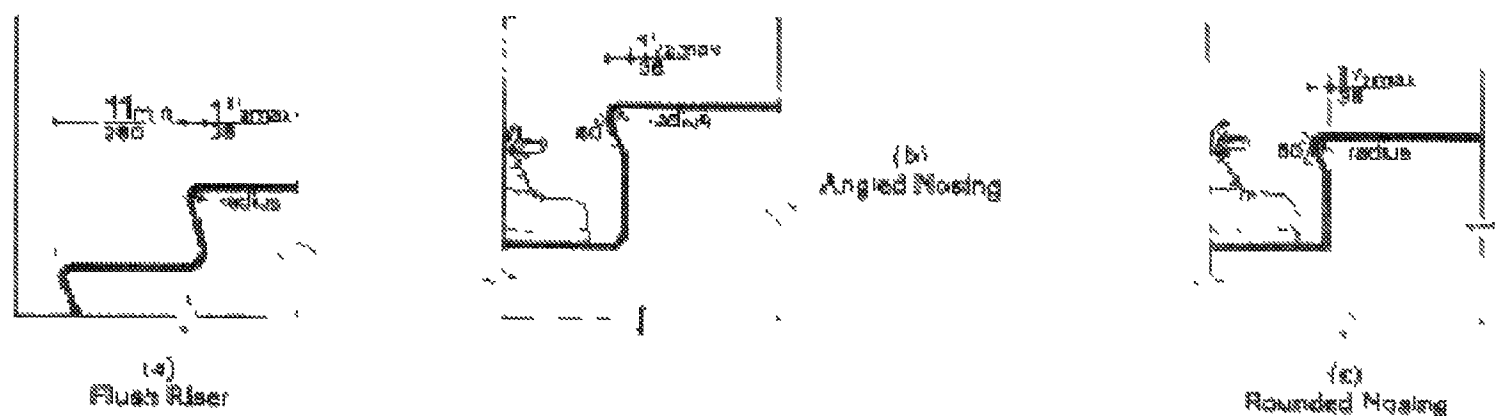


Figure 18

Usable Tread Width and Examples of Acceptable Nosings

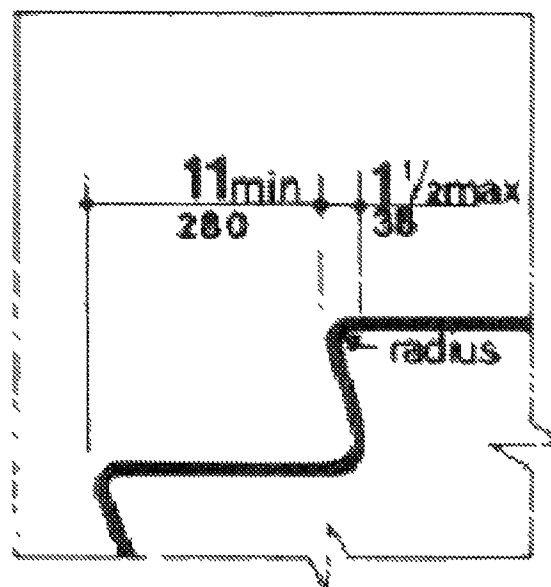


Figure 18a

Usable Tread Width and Examples of Acceptable Nosings - Flush Riser

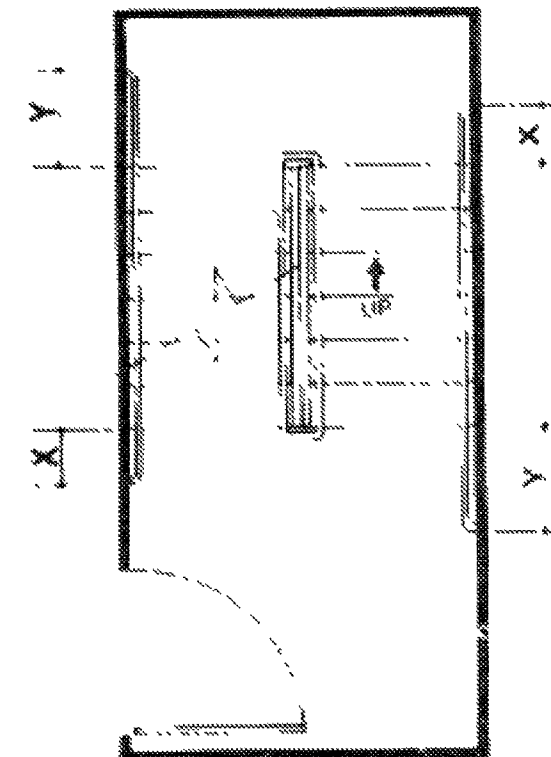


Figure 19a

Stair Handrails - Plan

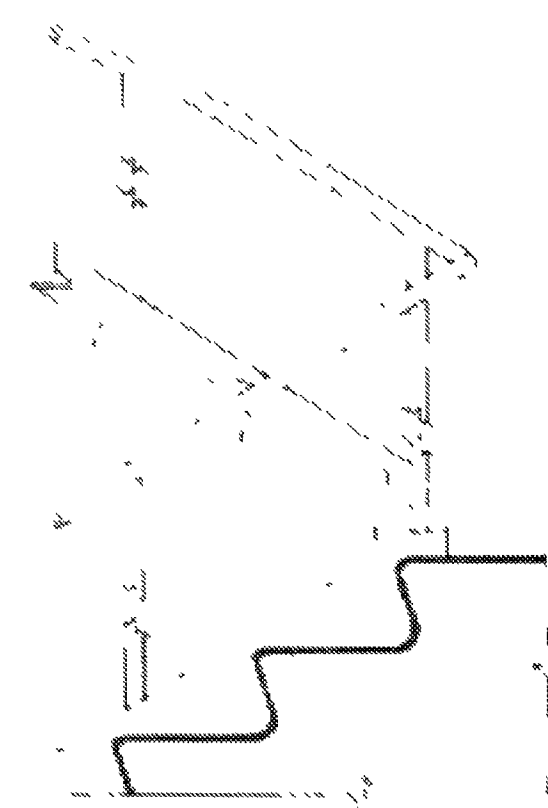


Figure 19b

Stair Handrails - Elevation of Center Handrail

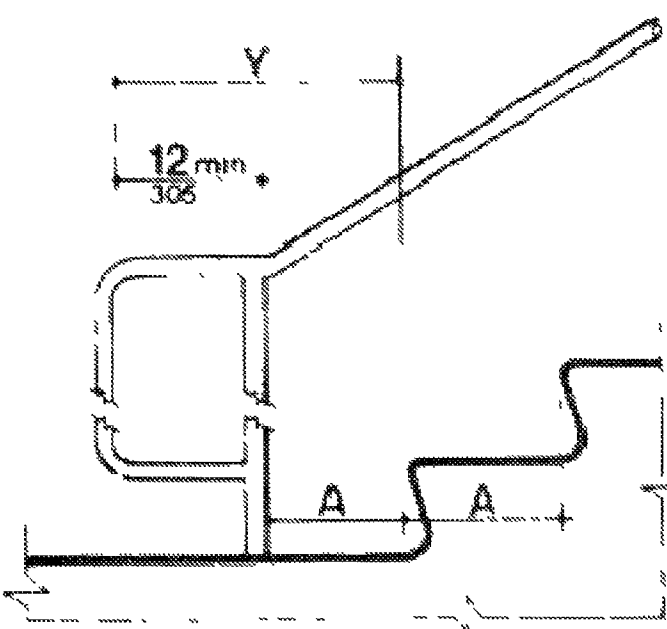


Figure 19c

NOTE
X is the 12 in minimum handrail extension required at each top riser.
Y is the minimum handrail extension of 12 in plus the width of one tread that is required at each bottom riser.

