



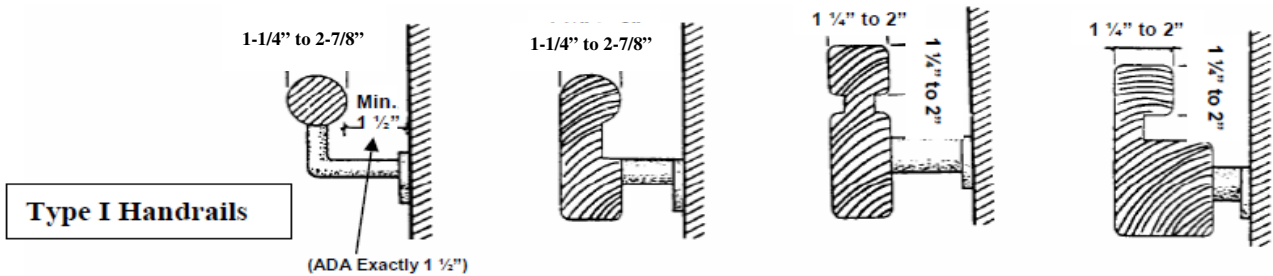
City of Portage Building Department

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Residential Handrail Grip Requirements

Examples of acceptable handrails

- 1. Type I.** Circular : 1-1/4" to 2-7/8" diameter
 Non-circular: Maximum 2-7/8" graspable diameter

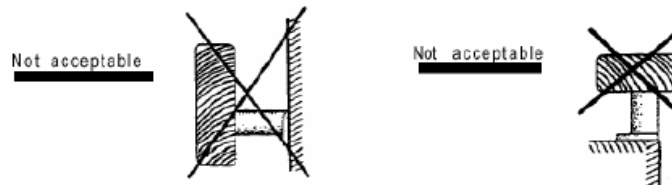


675 IAC 14-4.3-33 Section R311.5.6.3; handrail grip size:

The handrail grip size portion of handrails shall have a circular cross section of 1/4 inches (32 mm) minimum to 2-7/8 inches (80 mm) maximum. Other handrail shapes that provide an equivalent grasping surface are permissible. Edges shall have a minimum radius of 1/8 inch (3.2 mm).



Examples of Unacceptable Handrails



Additional handrail code information

IRC - R311.5.6.1 Height. Handrail height, measured vertically from the sloped plane adjoining the tread nosing, or finish surface of ramp slope, shall be not less than 34" and not more than 38" .

IRC R311.5.6.2 Continuity. Handrails for stairways shall serve each tread for the full length of the flight, from a point directly above the top riser of the flight to a point directly above the lowest riser of the flight. Handrail ends shall be returned or shall terminate in newel posts or safety terminals. Handrails adjacent to a wall shall have a space of not less than 1 1/2 inch (38 mm) between the wall and the handrails.

last riser. [ADA - same except if stair is NOT connected to a ramp or elevator, bottom handrail must be level for 12" beyond the one tread width extension.]