



CITY OF GLEN COVE

BUILDING DEPARTMENT

WHEELCHAIR RAMP REQUIREMENTS

Every exterior or interior ramp which leads to or from a required exit shall comply with the requirements of 2020 NYSRC and 2017 ICC A117.1 Section 405, 505.

All ramp plans must be designed by a NYS licensed professional.

1. **SLOPE:** Ramps shall have a maximum slope of one unit vertical in twelve units (1:12) horizontally (8.3 % slope).
Exception: Where it is technically infeasible to comply because of site constraints, ramps may have a maximum slope of one unit vertical in eight (1:8) horizontal (12.5 % slope).
2. **SURFACE & WIDTH:** Ramps shall have a slip-resistant surface and shall have a minimum width of 36 inches measured between handrails. Handrails shall not project into the required clear width of the ramp run.
3. **RISE:** The rise for any ramp run shall be 30 inches maximum.
4. **LANDINGS:** Ramps shall have landings at the bottom and top of each ramp run, and when ramps change direction. Landings shall comply with ICC code section 405.7.
5. **HANDRAILS:** Handrails shall be provided on both sides of stairs and ramps.
 - a. **HEIGHT.** Handrail height, measured above the finished surface of the ramp slope, shall be not less than 34 inches and not more than 38 inches.
 - b. **HANDRAIL GRIP SIZE:** Handrails on ramps shall comply with Section R311.5.6.3, Type I or Type II. NYSRC p. 40.
 - c. **CONTINUITY:** Handrails on ramps shall be continuous for the full length of the ramp. 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 1.5 inches between the wall and the handrails.
6. **EDGE PROTECTION:** Edge protection complying with Section 405.9.1 or 405.9.2 shall be provided on each side of ramp runs and at each side of ramp landings.

