

## RESIDENTIAL EXTERIOR RAMPS

The following information is intended as a guide for the requirements of various types of ramps on a residential property. Ramps where the landings are detached, not exceeding 200 square feet, not more than 30" above grade, and not serving the required egress door are exempt from permitting. Any ramp landing that is attached to a structure, regardless of size or height, will require a permit.

### GENERAL RAMP REQUIREMENTS

- **Slope and Landings** - Maximum slope of 1:12 required when serving the egress door. Other ramps require maximum 1:8 slope. Landings required at the top, bottom, change of direction, and when doors open onto ramp.
- **Handrails** - Required on at least one side when slope exceeds 1:12.
- **Guardrails** - Required when ramp or landing surface is greater than 30" above grade.
- **Size** - Minimum 36" width required on ramp runs. Landings cannot be less than the width of the ramp and 36" in the direction of the ramp slope.

### WOOD RAMPS

- **Foundation** - Ramp landings are required to be on a minimum 12" deep piers when detached, 30" deep piers when attached. Size is determined based on the tributary area being supported.
- **Construction** - See deck handout for guidance on plan submittal requirements.

### METAL RAMPS

- **Foundation** - Ramp landings are allowed to be supported on grade provided landings are detached with a walking surface no greater than 24" above grade.
- **Construction** - Considered non-conventional construction that is required to be stamped by a Colorado licensed design professional.