

Date:

General UFAS Compliant Ramp Specification Guide*

Project Name:

Project Location:

Scope of Work:

Check all below that are applicable:

Y/N	Work Required:	Notes:
	Remove existing ramp in its entirety	
	Fabricate and install a new UFAS compliant ramp. Ramp to be constructed with (Concrete / Asphalt / Pressure Treated Lumber / Other).	Select option
	Furnish and install new (wood / metal) handrails (required if the rise is greater than 6").	Select option
	Furnish and install new edge protection (required if ramp will have a drop-off greater than 1/2").	
	Furnish and install new guardrail(s) (required if the ramp will be greater than 30" above grade level).	
	Grade and loam the area around the ramp to eliminate all drop-offs.	
	Provide a warranty on workmanship. Complete RD Form 1924-19	
	Other Specifications / Requirements:	

The property is financed by the USDA, Rural Development and proposals and work are subject to their contract forms, review and inspection. We reserve the right to reject any and all proposals.

All Payments shall be made per RD1924 - 6 construction contract procedures. Payments for reserve account projects will be made upon completion of the work and funds have been authorized by Rural Development.

A. General Requirements

1. Protect all of existing structure, shrubs, and tenant owned personal property during removal, taking caution to keep all entrances free of hazards.
2. All construction shall be done in accordance with the Uniform Federal Accessibility Standards (UFAS) and applicable building codes.
3. All materials removed/replaced shall be the responsibility of the contractor to properly dispose of. Contractor shall clean areas affected by the construction and all exterior work and landscaping shall be restored to its pre - construction status.

B. United Federal Accessibility Standards (UFAS)

Note: the items listed here are for reference only and do not encompass all of the required standards; the Contractor is responsible to ensure the work fully complies with UFAS.

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1. Slope and Rise: The least possible slope shall be used for any ramp. The maximum slope of a ramp in new construction shall be 1:12. The maximum rise for any run shall be 30".
 - a. Exception: existing sites with space limitations:
 - 1) Steeper than 1:10 but not steeper than 1:8: 3" maximum rise, 2' maximum run.
 - 2) Steeper than 1:12 but not steeper than 1:10: 6" maximum rise, 5' maximum run.
2. The minimum clear width of a ramp shall be 36" (dimension between handrails).
3. Landings (see fig. 3 below): Ramps shall have level landings at the bottom and top of each run. Landings shall have the following features:
 - a. The landing shall be at least as wide as the ramp run leading to it.
 - b. The landing length shall be a minimum of 60" clear (inside of handrails).
 - c. If ramps change direction at landings, the minimum landing size shall be 60" by 60".
 - d. If a door is located at a landing, the ramp shall comply with the maneuvering clearance at doors; UFAS section 4.13.6 (see fig. 1 below).
4. Handrails: If a ramp run has a rise greater than 6" or a horizontal projection greater than 72", then it shall have handrails on both sides.
 - a. Handrails shall be provided along both sides of ramp segments. The inside handrail on switchback or dogleg ramps shall always be continuous.
 - b. If handrails are not continuous, they shall extend at least 12" beyond the top and bottom of the ramp segment and shall be parallel with the floor or ground surface.
 - c. Circular cross section with an outside diameter of not less than 1-1/4" and not more than 2".
 - d. The clear space between the handrail and the wall shall be 1-1/2".
 - e. Gripping surfaces shall be continuous.
 - f. Top of handrail gripping surfaces shall be mounted between 34" and 35" above ramp surfaces.
 - g. Ends of handrails shall be either rounded or returned smoothly to floor, wall or post.
 - h. Handrails shall not rotate within their fittings.
 - i. Handrails shall be able to resist a single concentrated load of 200 pounds, applied in any direction at any point along the top, and to transfer this load through the supports to the structure.
5. Cross Slope and Surfaces:
 - a. The cross slope of ramp surfaces shall be no greater than 1:50.
 - b. Ramp surfaces shall be stable, firm, and slip-resistant.
6. Edge Protection (see fig. 2 below):
 - a. Ramps and landings with drop-offs shall have curbs (minimum of 2" high), walls, railings, or projecting surfaces that prevent people from slipping off the ramp.
 - 1) If a railing is provided as edge protection, the railing shall allow a maximum of 4" clear space above the ramp surface.

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7. Wood / Plastic composites: if wood / plastic composites are used as deck boards, handrails, or guardrails they shall bear a label indicating the required performance levels and demonstrating compliance with the provisions of ASTM D 702.
8. Outdoor Conditions: Outdoor ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.
9. Guardrails shall comply with the most current approved building code(s).

Owner's Rep:

Date:

Contractor' Rep

Date:

Rural Development

Date:

* This guide is meant only to assist in providing minimum standards for acquiring prices for reserve request contracts, it is not meant to be all inclusive and RD shall accept no responsibility for any errors or omissions in the work.

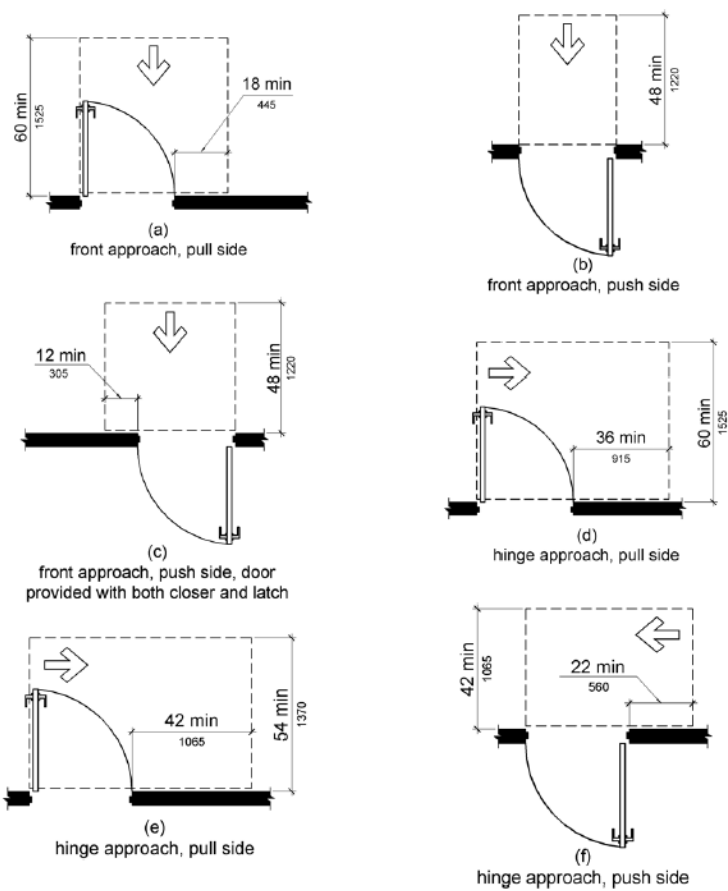


Figure 1
UFAS Section 4.13.6

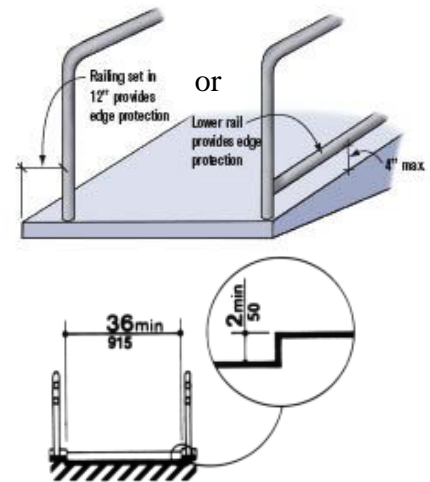


Figure 2
Edge Protection options

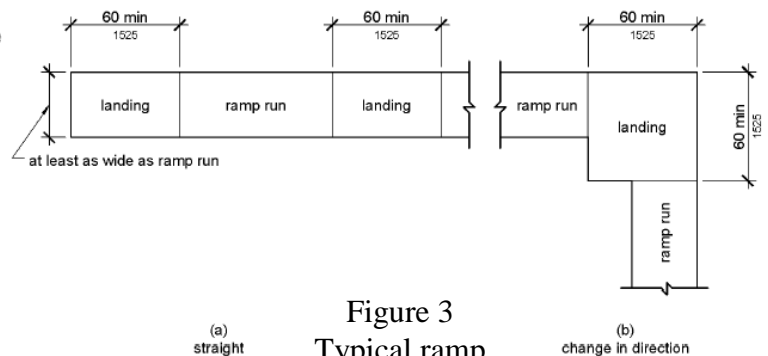


Figure 3
Typical ramp