



# WHEELCHAIR RAMPS

BUILDING INSPECTIONS DIVISION:

217/424-2787

## I. Basic Requirements

- A. A site location map is to be completed on the reverse side. The map should show the location of the ramp in relation to the house, streets and any other structures on the property including dimensions. Ramps can be placed in the rear and side yard setbacks and in the front yard setback if a rear or side yard application is not possible to achieve. Indicate all overhead power lines.
- B. Ramps are to be a minimum of 3 feet inside clear width. The ramp should slope a maximum of 1 inch rise for every 12 inches of run. The top landing can be a porch or deck and the bottom landing can be a driveway, sidewalk or any other flat finished surface. Where the ramp run change's direction, then the landing is to be a minimum of 5 feet in width and a minimum of 5 or 7 feet in length depending on the angle of the turn in direction.
- C. Handrails are required on both sides of any ramp and should have a height of between 34 to 38 inches above the walking surface. Guardrails are required where any walking surface is 30 or more inches above grade. The rail minimum height shall be 36 inches above the walking surface with vertical members in the guardrail system no more than four inches apart.

## II. Construction requirements

- A. All wood used for construction purposes shall be pressure treated lumber or other approved materials.
- B. Holes for support posts shall be minimum 8 inches wide, a minimum depth of 36 inches below grade and at a maximum spacing of 8 feet apart. The holes can be filled entirely to or above grade with concrete and with the post attached on top, or a 6 inch thick pad can be poured in the bottom for the support post to bear, and the remainder of the hole backfilled. Support posts shall be of nominal 4 x 4 lumber.
- C. Ramp stringers shall have direct bearing and be attached to the support posts with ½ inch diameter galvanized lag or thru bolts.
- D. The ramp surface can be made of nominal 2inch thick boards, deck boards or ¾ inch thick plywood.
- E. Handrails should be "T" or "L" shaped, or a straight rail can be used but only when vertical supports are placed a maximum of 4 feet on center.

## III. Temporary ramps

- A. We will issue permits for temporary ramps with removal date to be no longer than two years from date of issue.
- B. These ramps may be supported on concrete deck blocks which are placed on grade or adjustable aluminum legs as long as the structure is not attached to the house other than at the doorway.

## IV. Permit Fee

.5% of Project Value, minimum \$50

## V. Inspections

- A. Footing inspection prior to concrete being poured.
- B. Framing inspection if it can't be seen at final.
- C. Final inspection after ramp is complete and prior to being used.

Owner Name \_\_\_\_\_

Owner Address \_\_\_\_\_

Owner Phone No. \_\_\_\_\_

Contractor \_\_\_\_\_

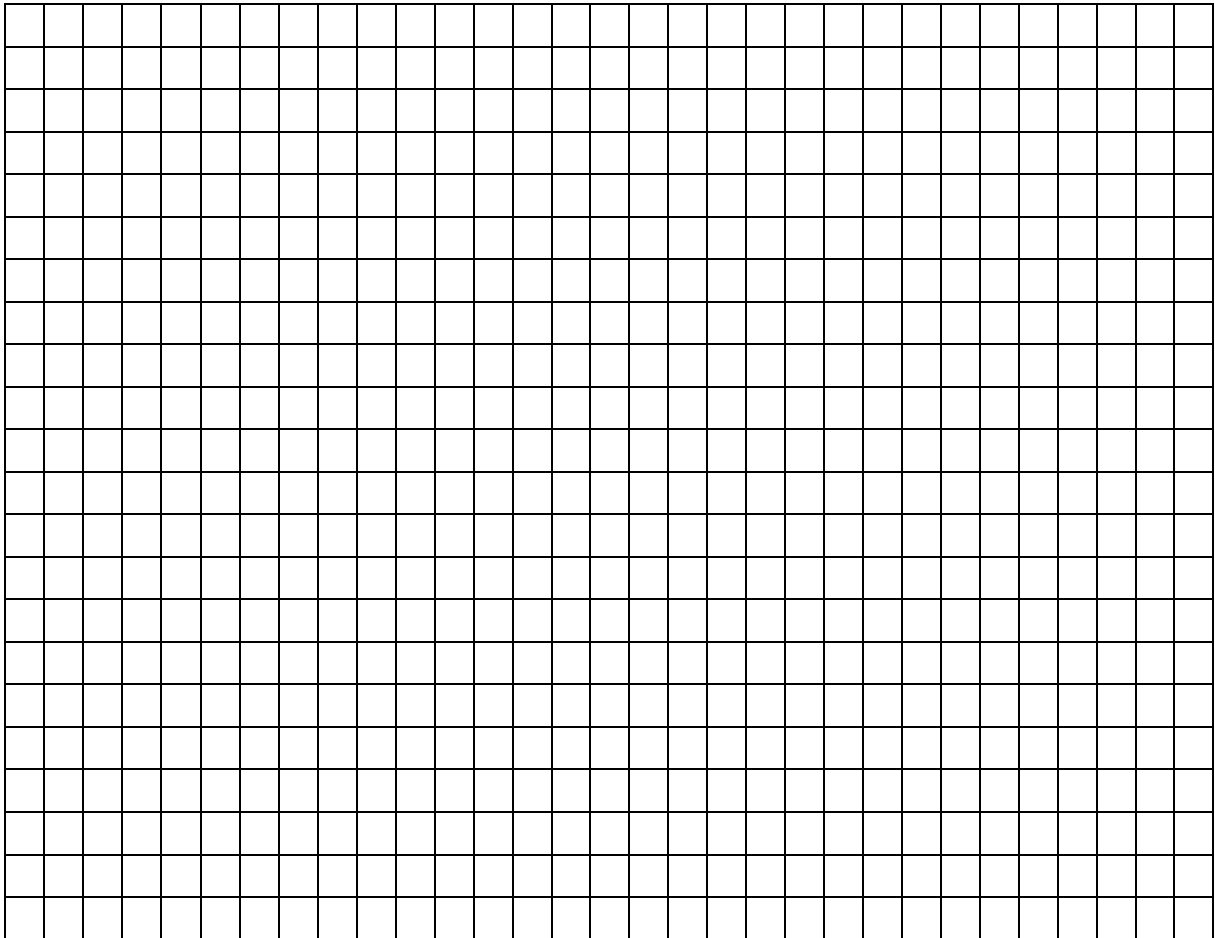
Contractor Phone No. \_\_\_\_\_

Cost of Project \$ \_\_\_\_\_

Signature of Applicant \_\_\_\_\_ Date \_\_\_\_\_

Staff Approval \_\_\_\_\_ Date \_\_\_\_\_

**Rear Property Line**



**Front Property Line**