

SITE EVALUATION

1) DETERMINE RAMP NEEDS

Evaluate the ramp location, allowing space for the ramp based on a 1:12 slope ratio (12 inches of ramp length for every one inch of rise, or 4.8 degrees). Bear in mind that there may not be suitable space available for a ramp at the location desired. A safe ramp must provide a 1:12 slope ratio.

2) PICK A START AND END POINT FOR THE RAMP

What is the approximate workable area that the ramp system can occupy? For a wheelchair to transition smoothly onto or off from the ramp, the top and bottom of the ramp should be placed on a firm, level surface. Are platforms or landing pads needed? (Guidelines suggest a 5' x 5' maneuvering area, which can be either a porch or platform.) Consider these variations:

A) CONNECTS TO EXISTING PORCH

If the top of the ramp connects to a porch, account for the door swing and chair maneuvering room (FIG B).

B) OVER AN EXISTING PORCH OR STEPS

If the platform is over an existing porch, be aware that the deck of the platform will be 3½-inches higher than the surface of the porch or steps. If the door (or screen door) swings outward, the platform will not allow the door to open. If this happens, two options are available:

- i. A custom porch platform is available that adds only 1½" to the height of the porch surface.
- ii. Mount the platform flush to the front edge of the porch.

C) DIRECTLY AGAINST A DOOR (WITHOUT PORCH)

If a platform used is directly against a door it is best to keep the platform surface even with the doorway threshold.

D) IT IS RECOMMENDED NOT TO CONNECT A RAMP DIRECTLY TO A DOOR WITHOUT A LANDING.

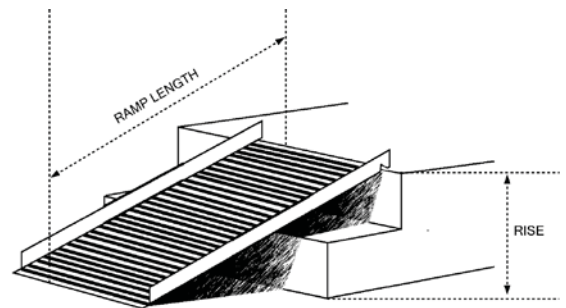
This does not allow safe maneuvering room to open the door.

3) IS THE PORCH WOOD OR CONCRETE?

The upper end of the ramp or platform must be attached to the porch. Fasteners are supplied that will attach to either wood or concrete (a masonry bit or rotary hammer will be necessary for the concrete fasteners).

4) MEASURE THE TOTAL RISE (see diagram at right)

A) The length of the ramp needed is determined by the total rise (the vertical height of the area requiring a ramp). The total rise is the difference in height between the top of the steps or landing and the ground. Using a builder's level or tape measure, determine the rise and keep in mind that this measurement always includes door thresholds, steps, and all slopes down to the lowest area (uneven yard, etc.).



B) Once this height is determined, (i.e., 40" rise), measure out 40' to see if there are additional drops or difference in rise due to uneven yard, etc.

5) CONSIDER HANDRAILS

EZ-ACCESS, along with most regulatory agencies and building codes, recommends the use of handrails for all modular ramps. A minimum of 1½" of outside clearance is needed for finger allowance (see ADA 4.8.5 for additional information on handrails).

When handrails are attached, the overall outside width of the ramp is 43" (includes handrails as well as supports). When measuring for the system, be sure to allow for 43".

6) LOOK FOR OBSTACLES

Describe any porch railings, trees, shrubs, etc. that may interfere with the ramps, platforms, platform support tubes, rails, and ramp support assemblies.

7) COMBINED LENGTH

What is the combined length of ramp system (NOT including platforms)?

8) DETERMINE SURFACE

What type of surface is at the bottom of the ramp? Is it level and suitable for wheelchair use?

9) COMPLETE "SITE EVALUATION WORKSHEET" and QUOTE RAMP

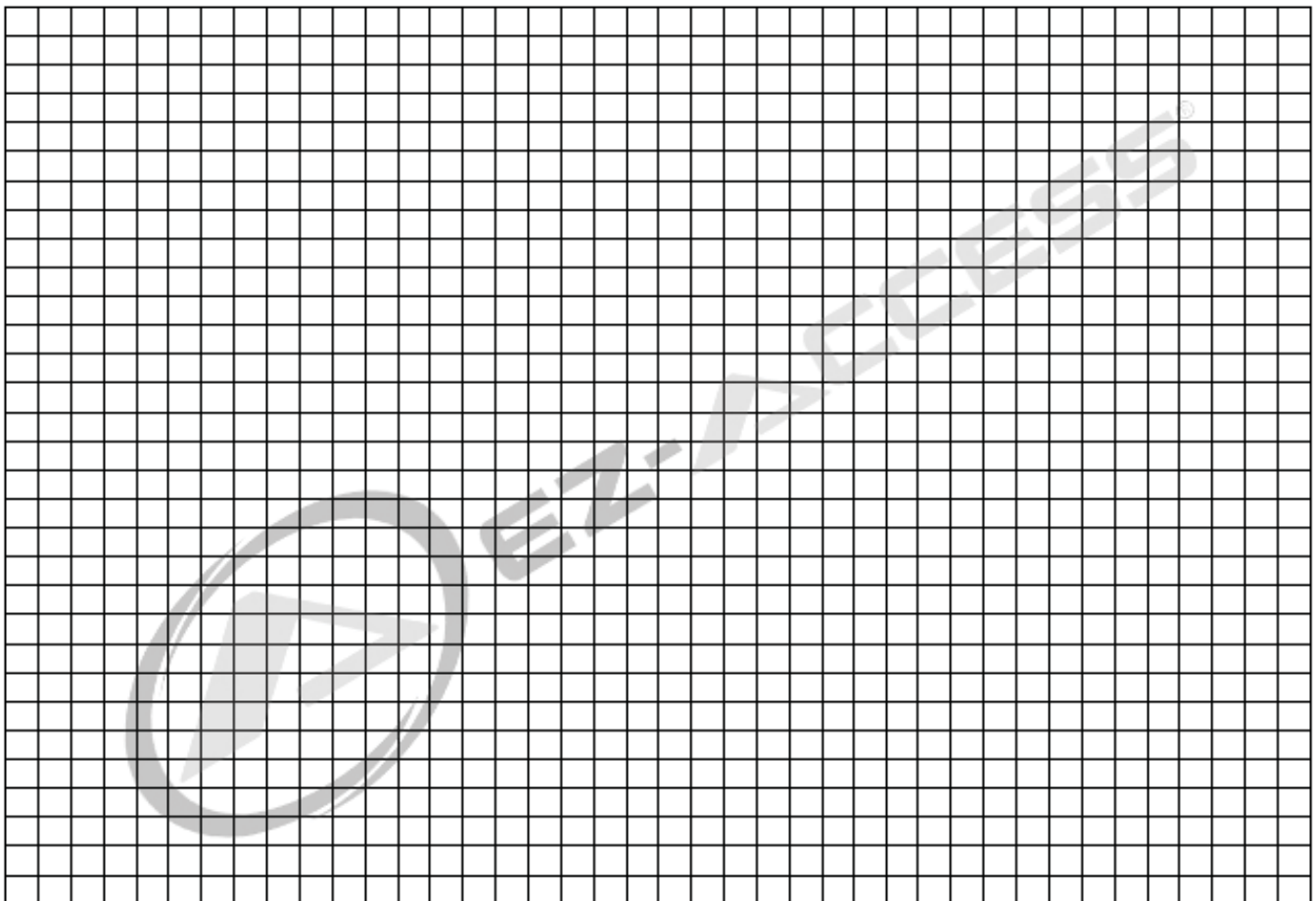
SITE EVALUATION WORKSHEET

SECTION 1 - JOB SITE & END-USER INFORMATION			
TODAY'S DATE	END USER LAST NAME	END USER FIRST NAME	TELEPHONE
JOB SITE ADDRESS	CITY	STATE	ZIP

SECTION 2 – EVALUATOR INFORMATION			
EVALUATION DATE	EVALUATION COMPANY NAME	EVALUATOR'S NAME	TELEPHONE
EVALUATOR'S ADDRESS	CITY	STATE	ZIP

SECTION 3 – CONSIDER THE FOLLOWING	
TOTAL RISE	ENTRANCE <input type="checkbox"/> FRONT <input type="checkbox"/> REAR <input type="checkbox"/> SIDE <input type="checkbox"/> GARAGE

SCALE: 1 SQUARE = 1 FOOT (BE SURE TO NOTE OBSTACLES SUCH AS DRIVEWAY, SIDEWALKS, TREES, SHRUBS, ETC.)



NOTES

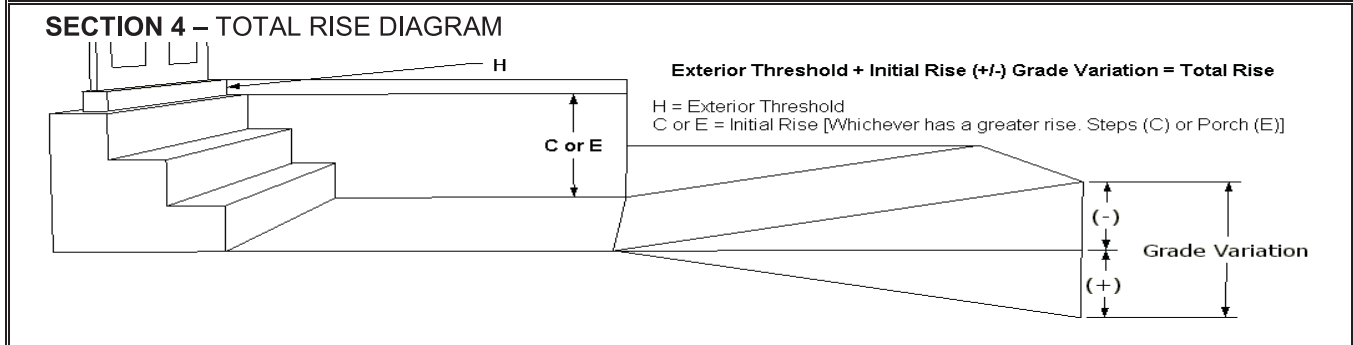
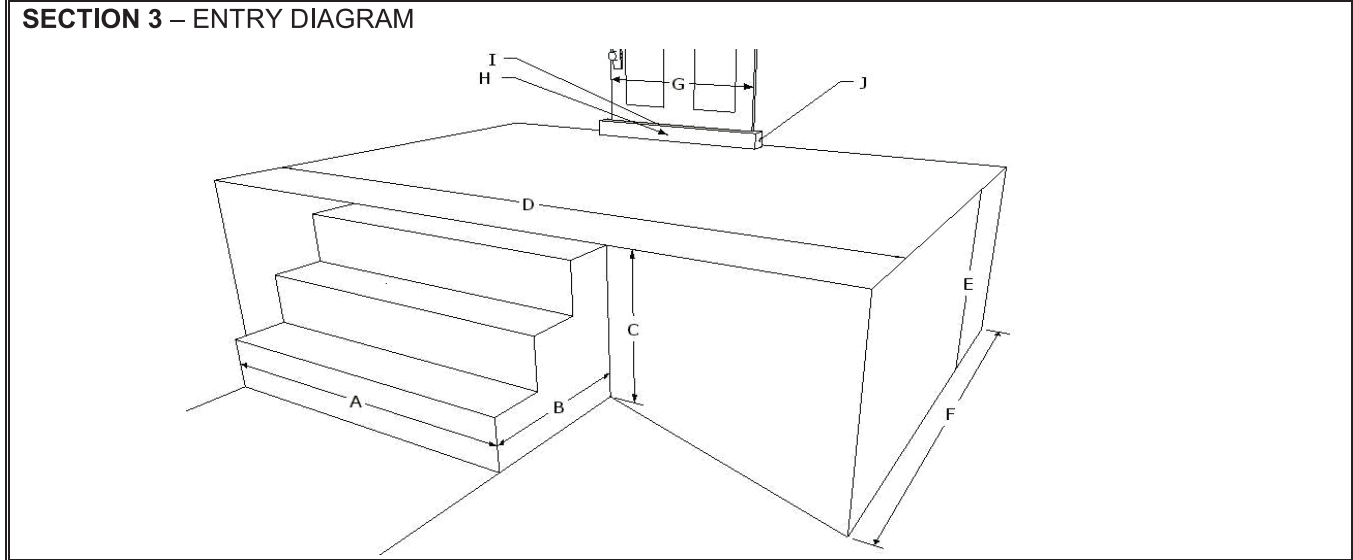
Please call 800-397-5899 with your ramp configuration information.

ENTRY REFERENCE WORKSHEET

PROJECT # _____

SECTION 1 – EVALUATOR'S NAME	SECTION 2 – END USER NAME
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NOTE: All measurements that do not apply to the entry are to be given a value of 0



SECTION 5 - MEASUREMENTS

WIDTH OF STEPS (or between the hand rail)..... A= _____

DEPTH OF STEPS B= _____

RISE OF STEPS..... C= _____

WIDTH OF PORCH (if differs from steps) D= _____

RISE OF PORCH (if differs form steps)..... E= _____

DEPTH OF PORCH..... F= _____

WIDTH OF DOOR (usable space) G= _____

RISE OF EXTERIOR THRESHOLD..... H= _____

RISE OF INTERIOR THRESHOLD..... I= _____

DEPTH OF THRESHOLD..... J= _____

SECTION 6 – CLARIFYING QUESTIONS

RISE OF EXTERIOR THRESHOLD H= _____

INITIAL RISE OF STEPS/PORCH +C or E= _____

* GRADE VARIATION (if any) + or - _____

TOTAL RISE = _____

IS A BRIDGE PLATE REQUIRED? (yes or no) _____

THE DOOR OPENS (in or out/left or right) _____

* Any ground variations should be added (decline) or subtracted (incline) from the total rise.

EZ-ACCESS®, along with most regulatory agencies, recommends 1-foot of ramp run per 1-inch of rise in height (1:12 ratio). For example, if a porch and steps have a total rise of 20-inches, a ramp with a 20-foot run would be required. Please note that this does not include platforms that may be necessary for the ramp system.

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