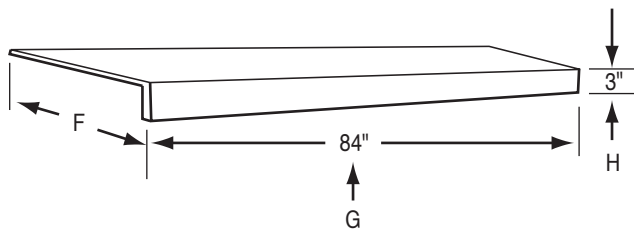


FOUNDATION PLATES



Dimensions		
H	F	G
3"	5"	7'
3"	8"	7'
3"	11"	7'
3"	14"	7'

Foundation plates are angle irons used to modify non standard size foundations to allow use of standard size doors, also they may be used to cap irregular surfaces such as stone or rough concrete, eliminating the need to set forms and pour a new concrete cap.

"H" dimensions is always 3".

"G" dimension is standard 7' long. Length is cut to size in field with a circular or reciprocating saw and metal cutting blade.

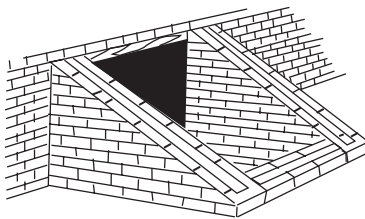
Longer lengths available—special order.

NOTE: Available in one inch increments

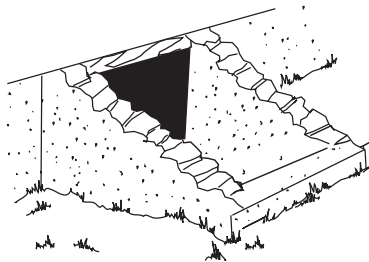
3" x 3" x 7', 3" x 4" x 7', ... 3" x 20" x 7', 3" x 21" x 7'...

USES

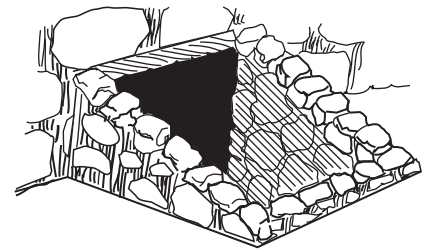
(HOLLOW BRICK)



(ROUGH CEMENT)

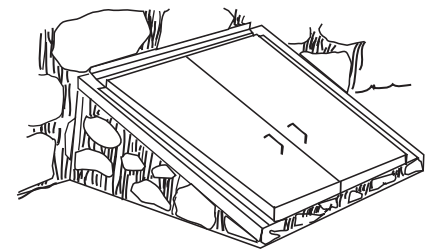
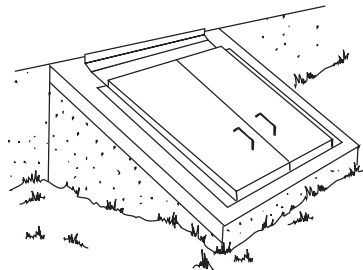
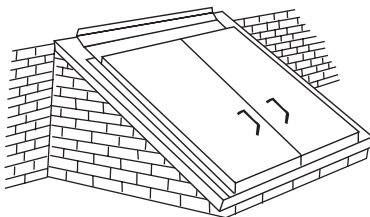


(FIELD STONE or GRANITE)



BEFORE

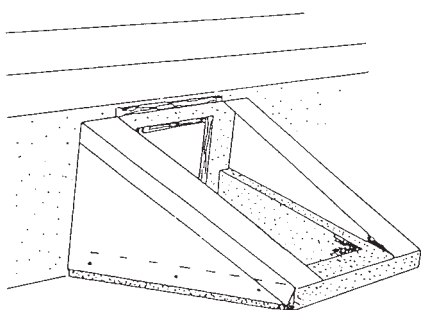
Covering foundations like the ones above, with foundation plates, makes the cellar door installation a much easier task.



AFTER

Drill underlying foundation plate with 1/4 in. sheet metal drill bit. Drill holes into the foundation 1 1/4 in. deep, insert rawlplugs and fasten with 1 in. screws.

SPECIAL SIDES

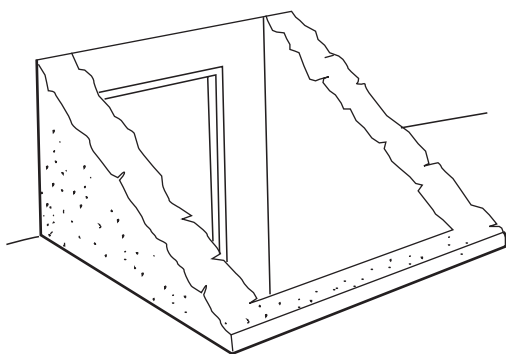


Custom sides are generally used in situations with an unusual K height. Sides are cut to height and length requirements and foundation plates are welded on to them. A standard RD model then installs on the custom sides. Note that there is no flange on the bottom of custom sides. The sides overlap the foundation by 3" and are attached from the side, therefore, the foundation needs to be a minimum of 3" above grade to use custom sides. Call with exact A, B, C, D, and K, dimensions for quote.

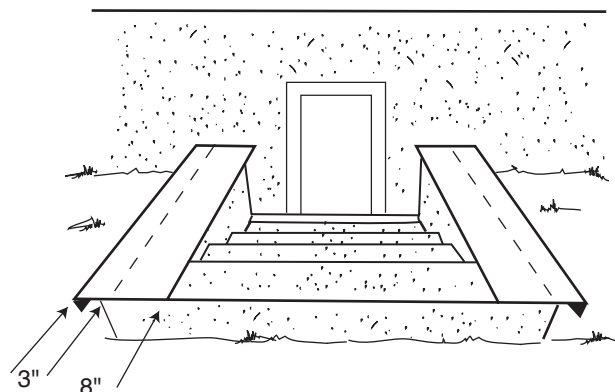
FOUNDATION PLATES

TOO WIDE

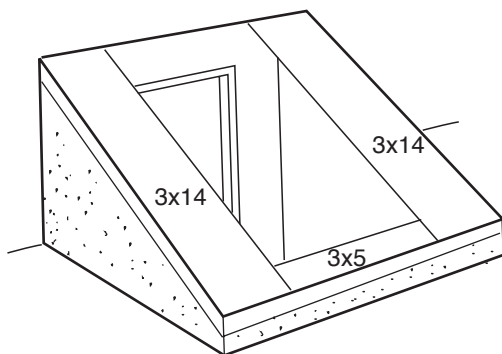
TOO NARROW



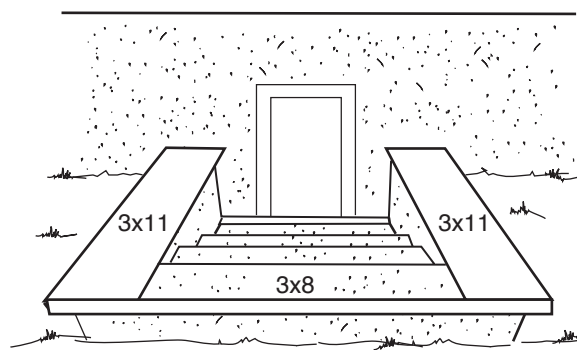
Foundation openings on older homes are often much wider than standard door widths. Foundation plates are used in this situation to reduce the width of the opening to accept a standard model door.



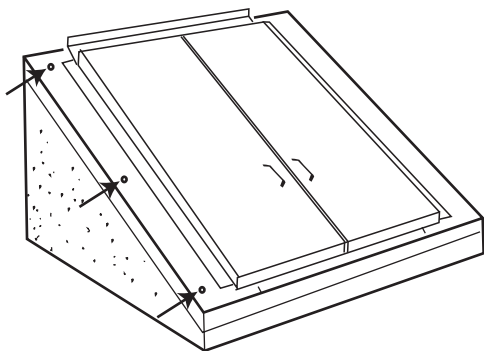
Foundation plates on older homes are often too narrow for standard door widths. Foundation plates are used in this situation to extend the width of the foundation to accept a standard model door.



Foundation plates are not precut, use a reciprocating or circular saw with a metal cutting blade to cut plates to desired length. Cut the base plate $\frac{1}{4}$ " wider than foundation, then cut the side plates to overall length. **NOTE:** Side plates overlap base plate. For best appearance cut the ends that go against the house

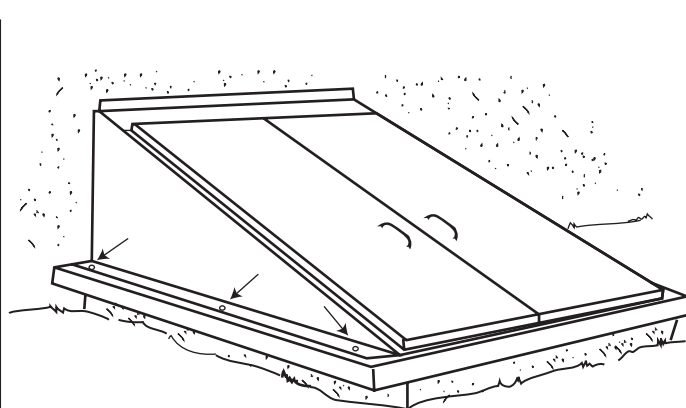


Choose plates wide enough to extend foundation to accommodate overall width of door. Cut base plate to overall desired width. Side plates are then cut to overall length. **NOTE:** Side plates overlap base plate. For best appearance cut the ends that go against the house.



Plates are not predrilled, all holes should be drilled with $\frac{1}{4}$ " sheet metal drill bit. Holes opposite to arrows in above diagram indicate where plates are fastened to the foundation. Foundation plates are fastened by drilling holes in the foundation $1\frac{3}{4}$ " deep with a $\frac{1}{4}$ " masonry drill bit, inserting rawlplugs and $1\frac{1}{2}$ " sheet metal screws. The door frame is attached to the foundation plates with $\frac{1}{4}$ " nuts and bolts. Extra nuts and bolts should be purchased for this installation.

NOTE: This installation procedure is identical for CD and RD model doors.

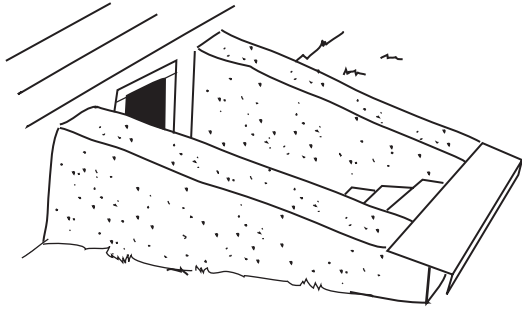


Drill and attach plates to foundation using rawl plug and $1\frac{1}{2}$ " sheet metal screws provided with the door. Drill $\frac{1}{4}$ " holes in plates through prepunched holes in frame and attach frame to plates with $\frac{5}{16}$ " self tapping screws (self tapping screws are not included with door).

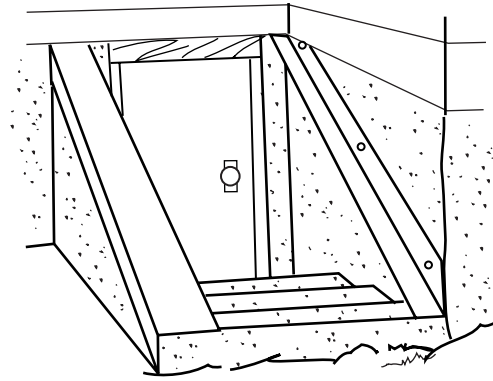
FOUNDATION PLATES

TOO SHORT

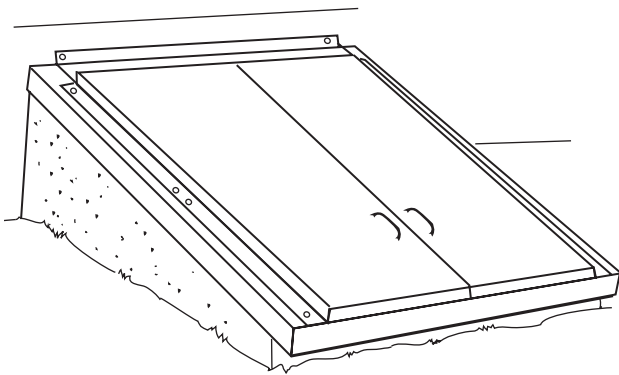
AGAINST THE HOUSE



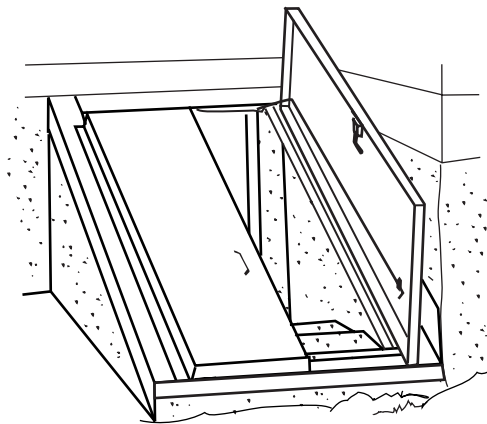
When foundations are too short for standard doors, plates are used to extend the foundation to desired length. Base plate used is attached extending length. Fill gap with pressure treated lumber.



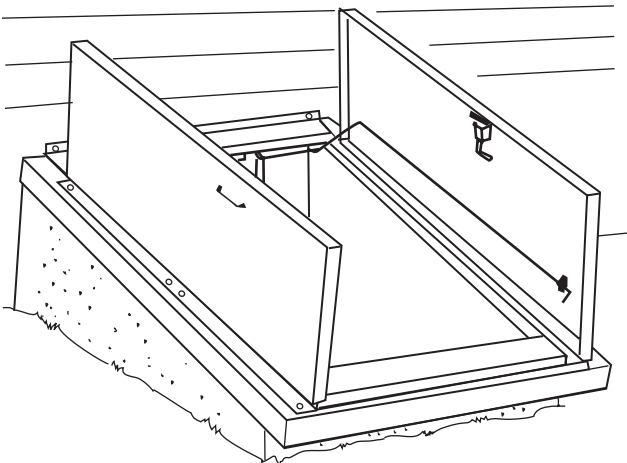
Foundation plates are used to create a side wall against the house where none exists. The 3" portion of the plate turns upward and fastens to the house.



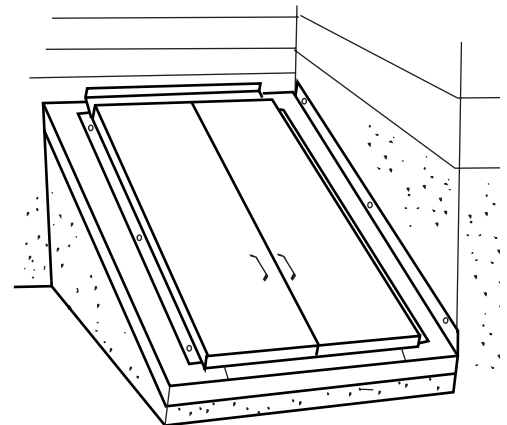
Side plates are then cut to the overall desired length, overlapping the base plate. For best appearance cut the ends that go against the house.



A minimum 3" x 5" plate is necessary to allow clearance for the door to open. Opposite plate is attached in the normal fashion (3" flange down).



Drill and attach door frame to plates and complete installation.



Drill and attach frame to plates and complete installation