

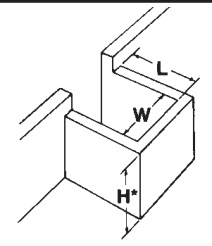
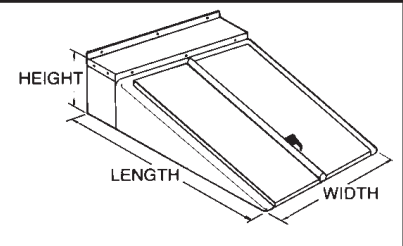
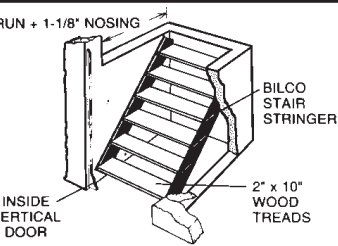


Planning or Adding an Areaway for a Bilco Basement Door

If you are planning to add a basement areaway to an existing home or plan to include one on your new home, there are two methods of supplying a basement areaway. The first is to have a pre-fabricated areaway delivered and installed on your home by an authorized BILCO installer (See the PermEntry Basement Entrance section on the Bilco website for more information). The second method is to construct your own basement areaway on site. If you choose to construct your own areaway, the following information will help you with this process.

Constructing an Areaway

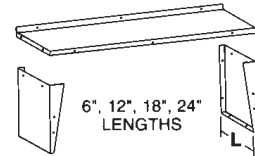
- 1) Select the location of the Areaway - Locate the basement entrance where it does not interfere with partitions, utilities, piping or appliances. It should be located to provide a convenient traffic pattern relative to the inside basement stairway. Locate the areaway away from potential hazards that could prevent access to the Bilco Door, such as furnace, fireplace, or garage.
- 2) Determine Areaway Dimensions and Door Size - At the selected areaway location, determine the height of the outside grade above your basement floor. Refer to the table below for the inside dimensions of the areaway, and correct size BILCO Door, extension, (if required), and stair stringers.
- 3) Construct areaway foundation - Construct the areaway foundation at the same time as the house foundation, utilizing the same type of footings, materials, and methods. Top of finished areaway should be 4" to 6" above grade. For complete information on adding an areaway foundation to your existing home, contact The BILCO Company.

HEIGHT OF GRADE ABOVE FINISHED BASEMENT FLOOR WILL BE:	AREAWAY DIMENSIONS					STAIR STRINGER SPECIFICATIONS		
	BUILD AREAWAY TO THESE INSIDE DIMENSIONS (See Drawing Above)			USE THIS BILCO DOOR AND EXTENSION		STRINGER UNIT HAS 8-1/4\" RISE, 8-3/8\" RUN AND 1-1/8\" NOSING		USE THESE BILCO STAIR STRINGERS AND EXTENSIONS (Size E Extension has 3-Tread Run)
	H*	L	W	Door Size	Extension Size	Run+ in Areaway	Treads in Areaway	
24" to 31"‡	33"	40"	44"	SL	None	26-1/4"	3	(Not Available)
32" to 39"	41-1/4"	40"	44"	SL	None	34-5/8"	4	SL
➔ 40" to 47" (See Note)	49-1/2"	40"	44"	SL	None	34-5/8"	4	SL
48" to 55"‡‡	57-3/4"	54"	40"	O	None	51-3/8"	6	O
56" to 64"‡‡	66"	60"	44"	B	None	59-3/4"	7	B
65" to 72"	74-1/4"	68"	48"	C	None	68-1/8"	8	C
➔ 73" to 80" (See Note)	82-1/2"	68"	48"	C	None	68-1/8"	8	C
73" to 80"	82-1/2"	80"	48"	C	12"	76-1/2"	9	O + E
➔ 81" to 88" (See Note)	90-3/4"	80"	48"	C	12"	76-1/2"	9	O + E
81" to 88"	90-3/4"	86"	48"	C	18"	84-7/8"	10	B + E
➔ 89" to 97" (See Note)	99"	86"	48"	C	18"	84-7/8"	10	B + E
89" to 97"	99"	93"	48"	C	24"	93-1/4"	11	C + E
98" to 106"	107-1/4"	104"	48"	C	24" + 12"	101-5/8"	12	C + SL
107" to 115"	115-1/2"	114"	48"	C	24" + 18"	110"	13	O + B

* Above Finished Basement Floor ‡ Maximum House Wall 85" ‡‡ Maximum House Wall 88" + Run plus 1-1/8" Nosing on Bottom Tread

BILCO DOOR EXTENSIONS: Available for Size C Door (only), these extensions increase the length to fit longer areaways. Horizontal top and two sidepieces are easily assembled and installed. Furnished in four sizes: 6", 12", 18" and 24". Complete with instructions and required hardware.



STAIR STRINGER EXTENSION -- SIZE E: Three-tread extension butts to bottom of standard stringer unit. Used with any size (O, B or C) Stair Stringer. Complete with hardware.

NOTE: For basements more than 91" deep (finished floor to top of foundation wall) building a bottom step within the foundation wall opening (see drawing below) is recommended. The concrete step should extend 6" into stairwell.

CAUTION: Suggested construction allows minimum of 74" headroom. This is the recommended minimum.

