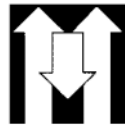


SILENT SERVANT

Manual Dumbwaiter
Hoistway
Suggested Framing Detail



**MILLER
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Manual Dumbwaiter Hoistway Typical 2x4 Wood Framing

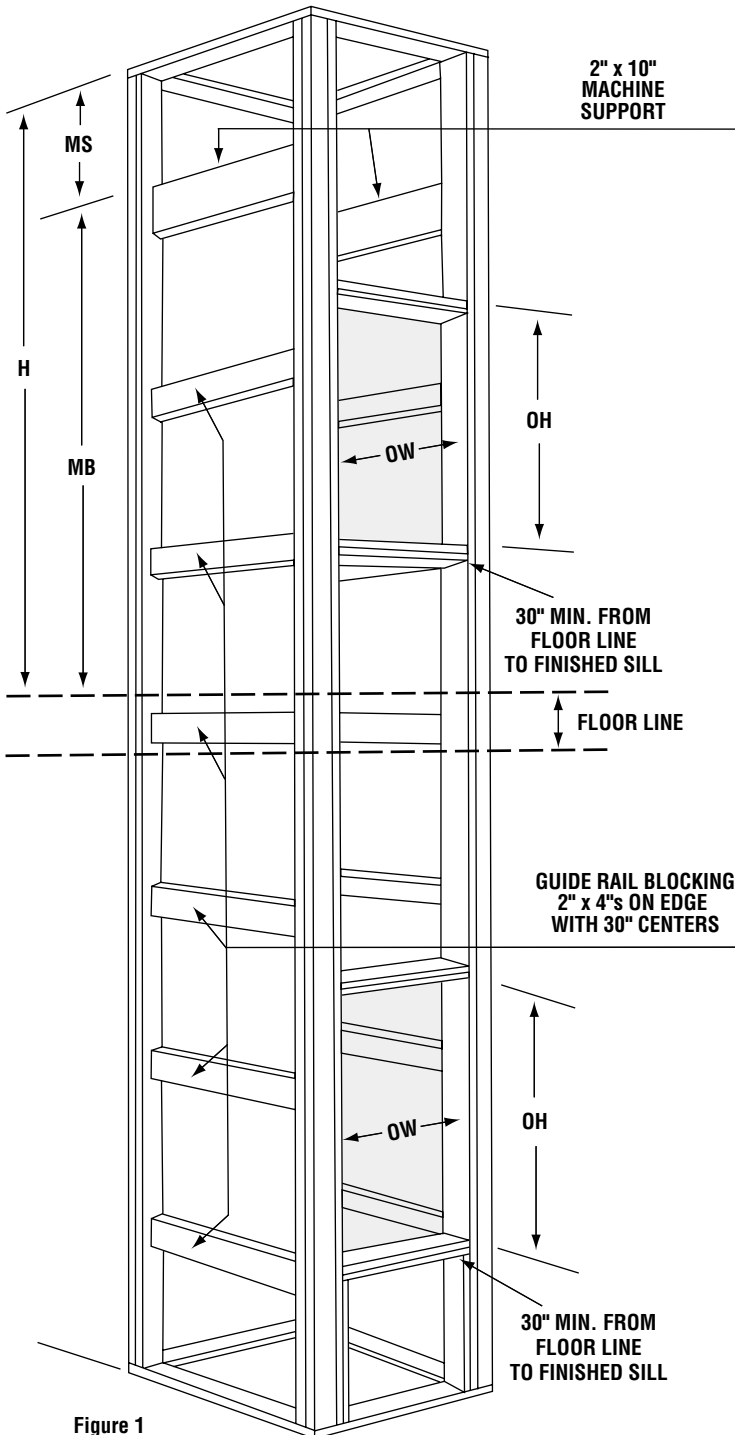


Figure 1

Front Opening Shown

Machine Support Blocking (Top Floor Only)

Refer to the chart (Figure 2). It is important to note that dimensions **MB**, **MS** and **H** are minimum dimensions needed to achieve a 30" sill (landing) height. If you wish to have a higher sill, dimensions **H** and **MB** must be increased by the amount over 30".

Use 2x10 wood members or other suitable material. This material must be placed as shown in Figure 1. Refer to the suggested dimensions in columns **MB** and/or **MS** (Figure 2). Firmly secure machine support blocking on both side walls within the rough framing.

Special Note: On CP models that have the narrow opening at the top floor the MACHINE SUPPORT BLOCKING must be placed on the front and back walls instead of the left and right walls. And the upper door opening must be the full hoistway width to allow room for machine installation.

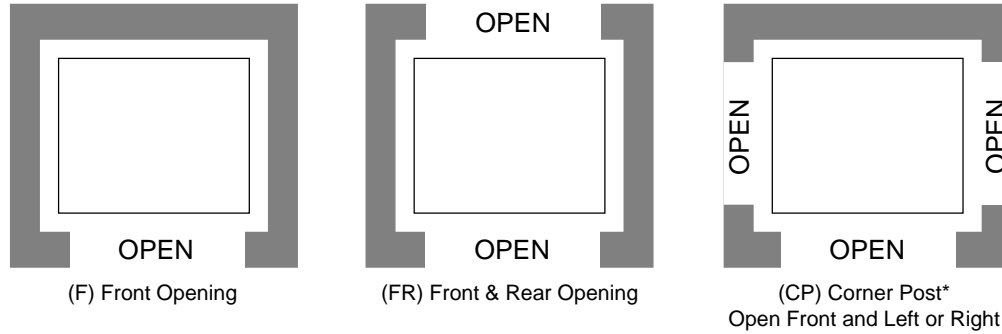
Guide Rail Blocking

For best results, placement of guide rail blocking should be on the left side wall of dumbwaiter hoistway for front opening models. Blocking can be on either side for front and rear models and the opposite wall to the narrow opening for CP models. Starting at the lower level, firmly secure 2 x 4 wood members or other suitable material at 30" from floor to center and continuing on 30" centers as shown in Figure 1. Blocking must be placed on edge within rough framing, and continuous to the underside of 2 x 10 machine support blocking.

Note: Detail shown for two floors, three or more would be typical.

Manual Dumbwaiter Hoistway

Opening Styles — Plan View



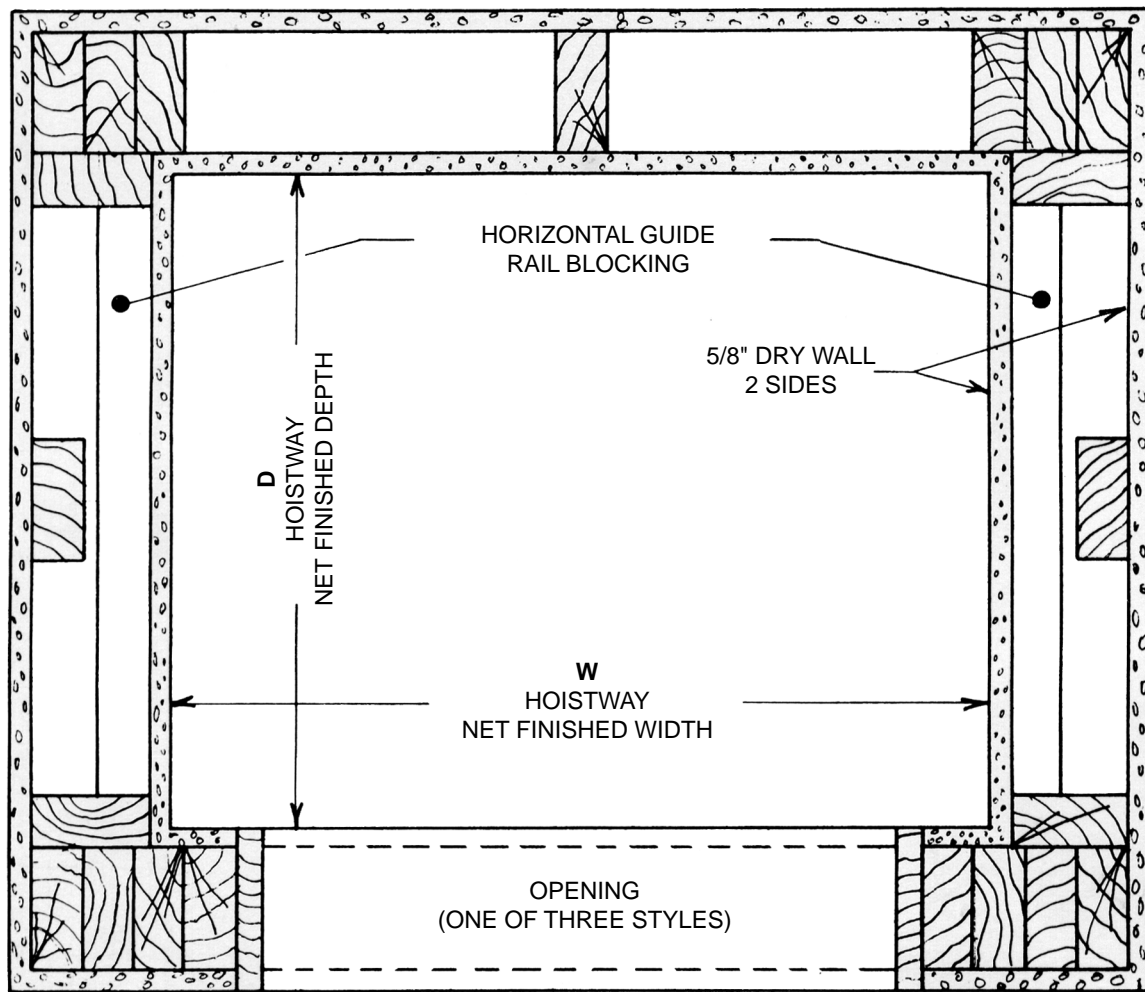
*CP Models may be open on three sides (front, rear and one side)

Residential Models	R20F/FR	24"	19"	22"	32"	n/a	n/a	7' 3"	5' 11"	16"
	R20CP	24"	19"	22"	32"	18"	32"	7' 9"	5' 11"	22"
	R24F/FR	28"	23"	26"	38"	n/a	n/a	8' 1"	6' 7"	18"
	R24CP	28"	23"	26"	38"	22"	38"	8' 7"	6' 7"	24"
	R28F/FR	32"	27"	30"	38"	n/a	n/a	8' 5"	6' 9"	20"
	R28CP	32"	27"	30"	38"	26"	38"	8' 11"	6' 9"	26"
	R32F/FR	36"	31"	34"	38"	n/a	n/a	8' 8"	6' 10"	22"
	R32CP	36"	31"	34"	38"	30"	38"	9' 2"	6' 10"	28"
		W Hoistway Width Net Finished	D Hoistway Depth Net Finished	OW Door Opening Rough Width	OH Door Opening Rough Height	SW Side Opening Rough Width	SH Side Opening Rough Height	H Top Floor Ceiling Height (min.)	MB Floor to Top of Machine Block	MS Ceiling to Top Machine Block
Commercial Models	C24F/FR	28"	23"	26"	38"	n/a	n/a	8' 1"	6' 3"	22"
	C24CP	28"	23"	26"	38"	22"	38"	8' 7"	6' 3"	28"
	C28F/FR	32"	27"	30"	38"	n/a	n/a	8' 5"	6' 5"	24"
	C28CP	32"	27"	30"	38"	26"	38"	8' 11"	6' 5"	30"
	C32F/FR	36"	31"	34"	38"	n/a	n/a	8' 8"	6' 6"	26"
	C32CP	36"	31"	34"	38"	30"	38"	9' 2"	6' 6"	32"
	C36F/FR	40"	39"	38"	44"	n/a	n/a	9' 6"	7' 2"	28"
	C36CP	40"	39"	38"	44"	38"	44"	10'	7' 2"	34"

Figure 2

**If you have any questions please call the factory for assistance.
1-800-232-2177 or (707) 584-9528**

Manual Dumbwaiter Hoistway Typical Wood Frame Construction



LOWER LEVEL OPENING MUST BE LEFT
ROUGH TO PERMIT INSTALLATION OF
DUMBWAITER CAR INTO HOISTWAY.
REFER TO COLUMNS **OW** AND **OH** IN CHART
(FIGURE 2) ON PAGE 2.

Note: Consult local fire codes for proper fire rating required in your building class.

Miller Manufacturing offers a 1 3/8" solid-core door with self-closing hinges, pre-hung, 3/4" x 4 13/16" F/J jambs and stops weather stripped four sides. Stain grade. This type of door is needed if a one hour shaft is required.