

HARBOUR DOOR

III HARBOUR GATE | 25 YEARS OF SERIOUS SERVICE

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RESIDENTIAL FRAMING INSTRUCTIONS

Applies only to Residential Doors 8' or under in height.

Headroom Requirements To Allow for Door and Electric Opener

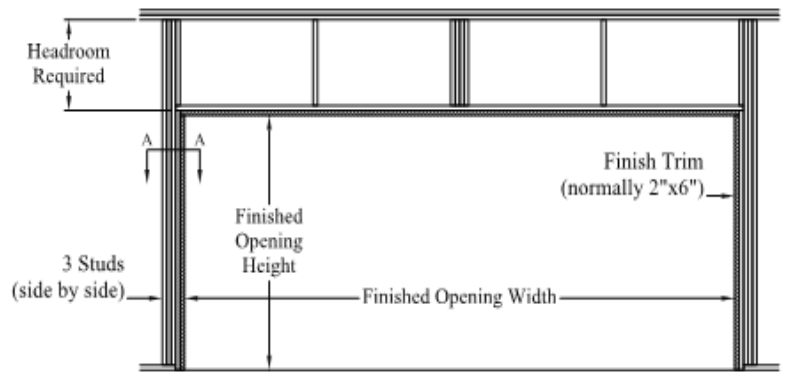
14"	Standard Lift
9"	O&E Low Headroom Kit
6"	Double Track Low Headroom

Finished Opening

Door width less 2"

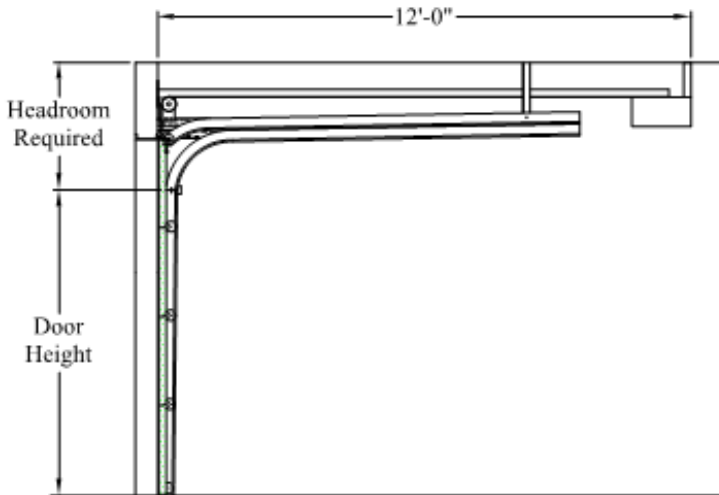
Height of door

Residential Framing Diagram

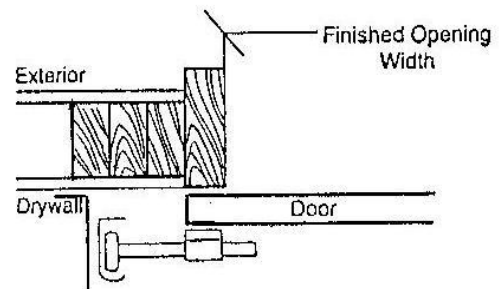


*General Guidelines only- Please Consult Office for Door/Job Specific Information

Operator Clearance



Jamb Detail (A-A from above drawing)



All interior surfaces must be flush from the floor to the door height plus required head room. Minimum side clearance to be door width plus 4 1/2" on each side.

Drawing based on Standard Lift Residential Door – up to 8' high.
Framing for Garage Door must be as shown. If not, an extra charge for framing labour and materials, or false trip may apply.

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1. Opening Size

Steel Doors: Finished opening – Same as door height and 2" less than door width.
E.g. Door Size = 9' X 7' Finished opening = 8'10" X 7'

Note: Steel doors cannot be scribed to seal on uneven floors. The bottom weatherstrip will accommodate no more than ½" of floor slope. A sloping Add-On retainer may be required, to deal with a sloping floor.

Wood Doors: Finished opening – ½" less than door height and 2" less than door width. If your floor is uneven, or sloping, the door will be scribed to fit, which will result in the door height being reduced. Reduce the "finished" opening to reflect the reduced door height.

Note: Watch for concrete that may be in the way. You should have the door width + 4 ½" each side between the footings, to accommodate the track OR keep your footing flush with the wall on the inside.

2. Headroom Requirements

(Distance from the underside of the rough opening to the finished ceiling)

1. 14" (standard lift hardware) is the recommended amount of headroom that will accommodate a door and an electric operator.
2. 12" (standard lift hardware) will accommodate a door only. There is no headroom for an electric operator.
3. 9" (low headroom O&E hardware) allows room for a door and electrical operator using special top fixtures.
4. 6" (double track low headroom hardware) will accommodate a door and electric operator.
5. 4" (double track low headroom hardware) will accommodate a door only. There is no headroom for an electric operator.

3. Side Room

(Distance from inside of jamb outward toward side wall)

There must be no less than 4 ½" of solid material (3 studs side by side) on both sides of the garage door opening.

DO NOT COUNT YOUR 2X6 LINER AS PART OF YOUR SIDEROOM!!

4. Spring Pad

There **MUST** be backing provided in the center of the header (minimum 6" X 14" solid wood) in order to anchor the torsion springs securely. This backing **MUST BE FLUSH** with the materials on the sides of the opening.

5. Backroom

(Distance from the inside of the opening back towards the rear of the garage.)

The backroom required, for the door only, is the height of the door plus 18". This space **MUST** be clear of pipes, lights, trusses, beams, etc. If a garage door operator is desired, you **MUST** allow a **FULL 12'** of clear backroom, up to 8' high door.

6. **OPENING MUST BE FLUSH ON THE INSIDE ALL THE WAY AROUND.**