FireSafe Pet Doors - Large Pet Door Installation Instructions

WHATS INCLUDED

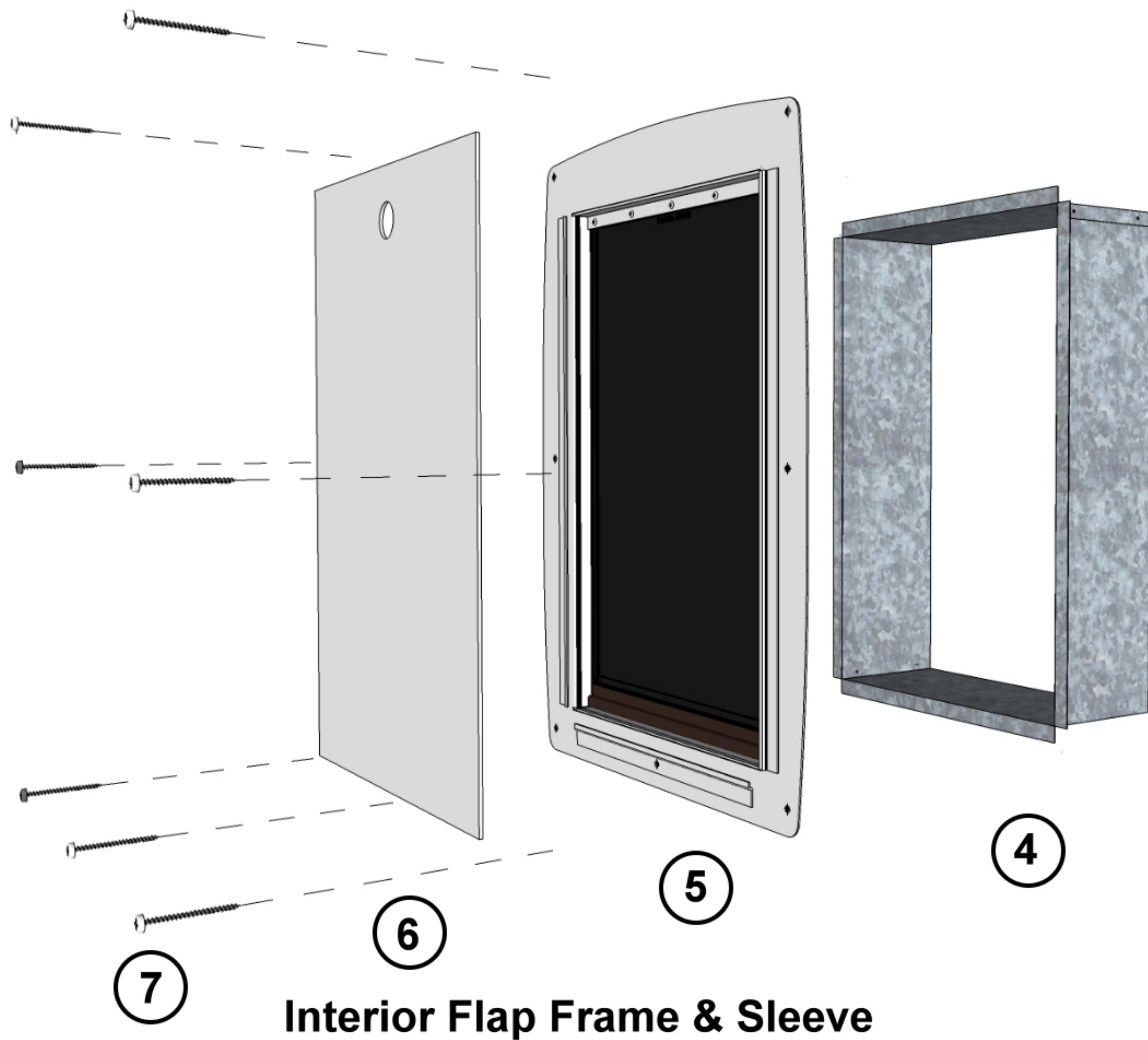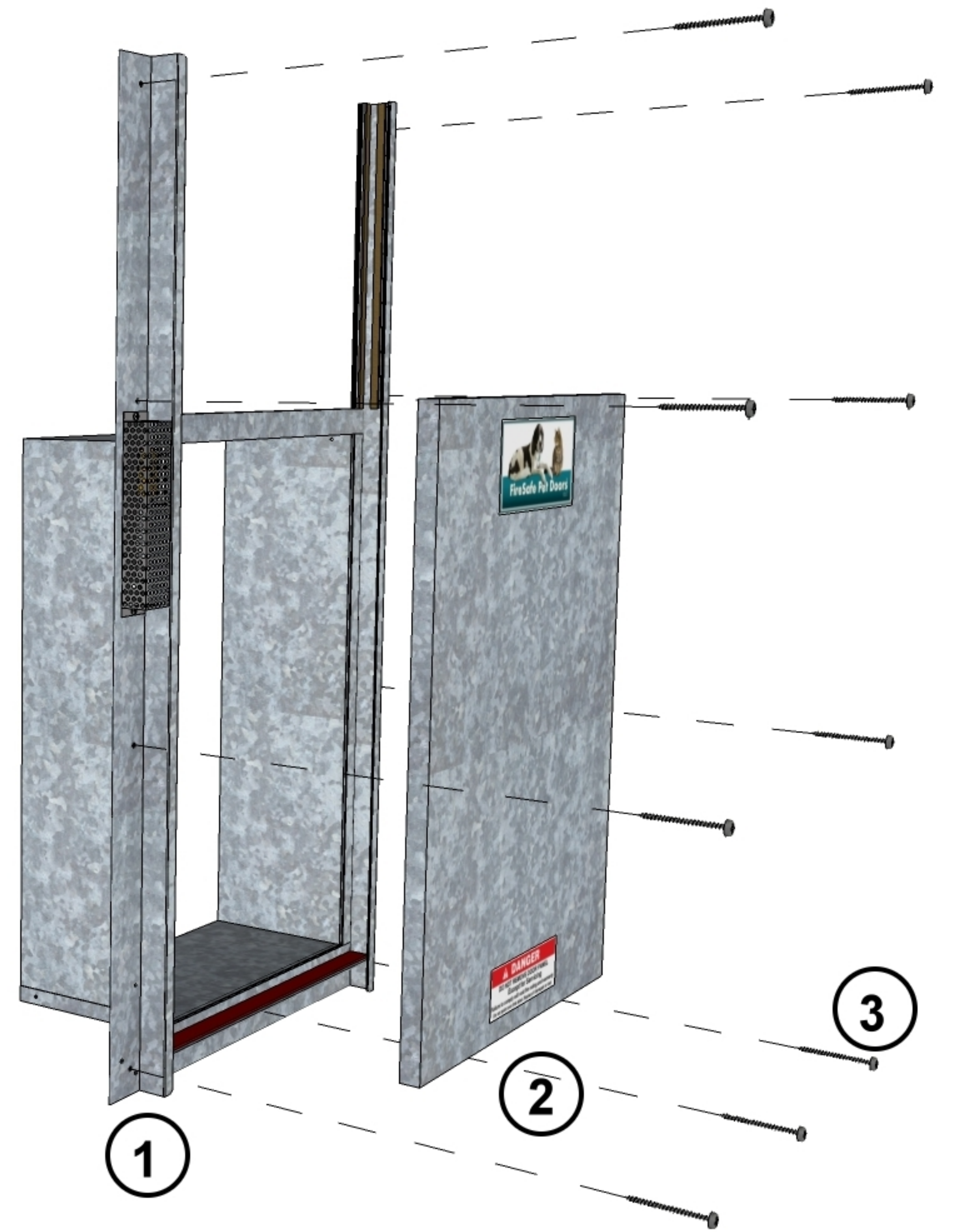**Interior Flap Frame & Sleeve**
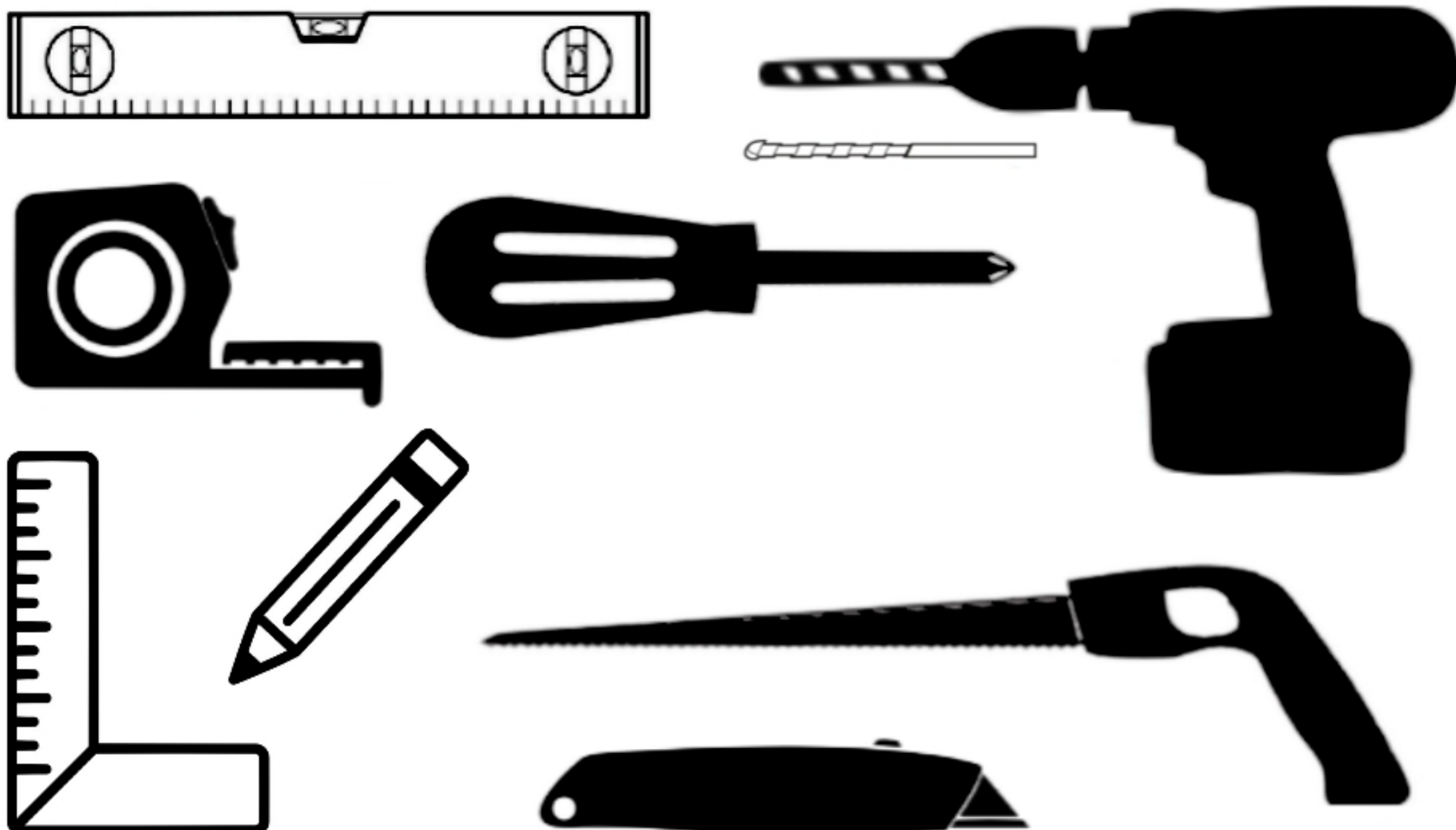
Garage Side Fire Rated Frame & Door

(4) **Sleeve (Optional Purchase) for walls deeper than 4 9/16" up to 8" deep (2 x 6 walls)**

(5) **Interior flap frame assembly**

(6) **Closure panel**

(7) **(7) #8 x 1 1/2 inch installation screws**

(1) **Fire rated pet door frame assembly**

(2) **Fire rated door**

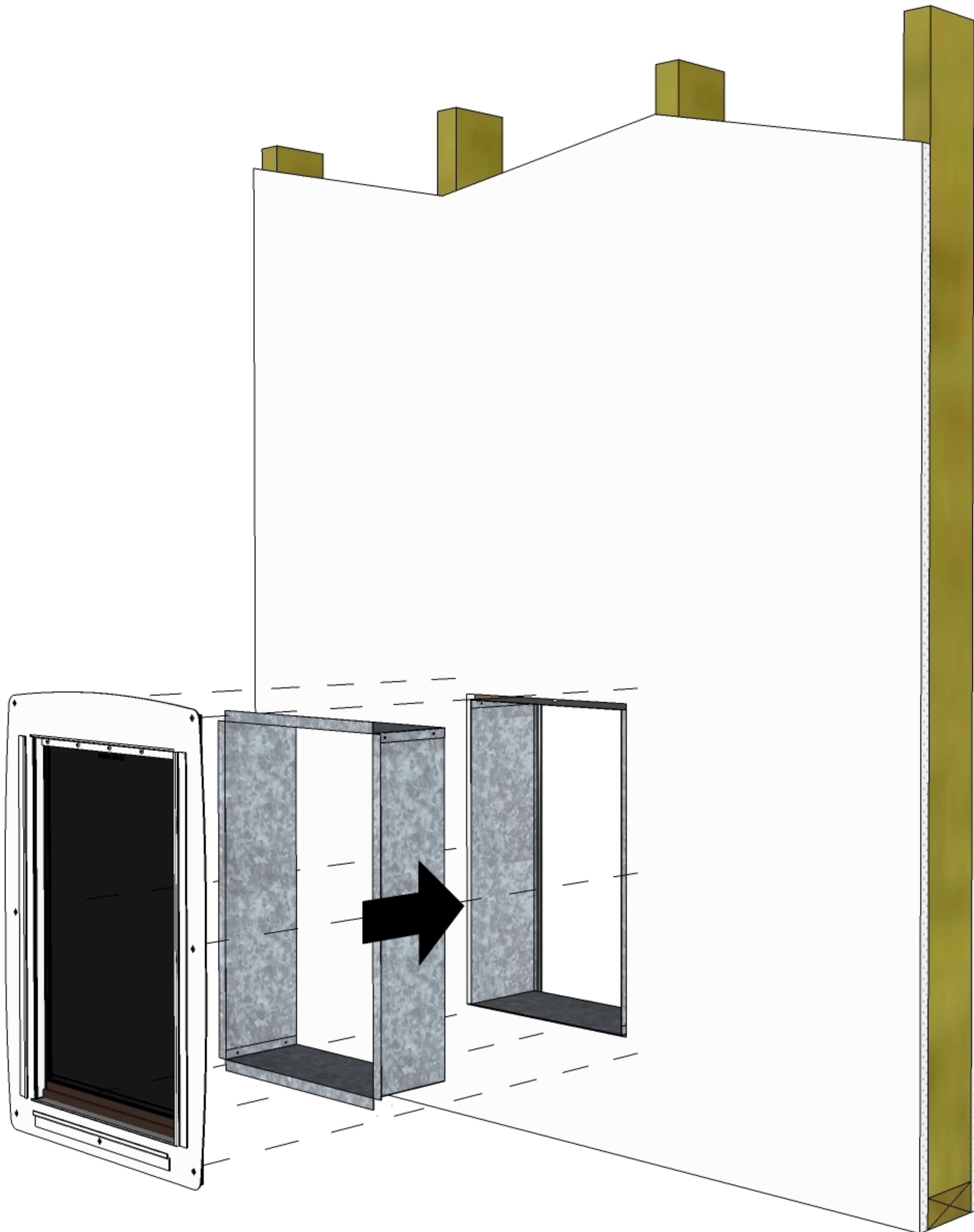(3) **(9) #8 x 2 inch installation screws**

INSTALLATION TOOLS NEEDED

Level
Drill
1/8" Drill bit
Measuring tape
Philips screw driver
Square
Pencil
Keyhole saw
Utility knife

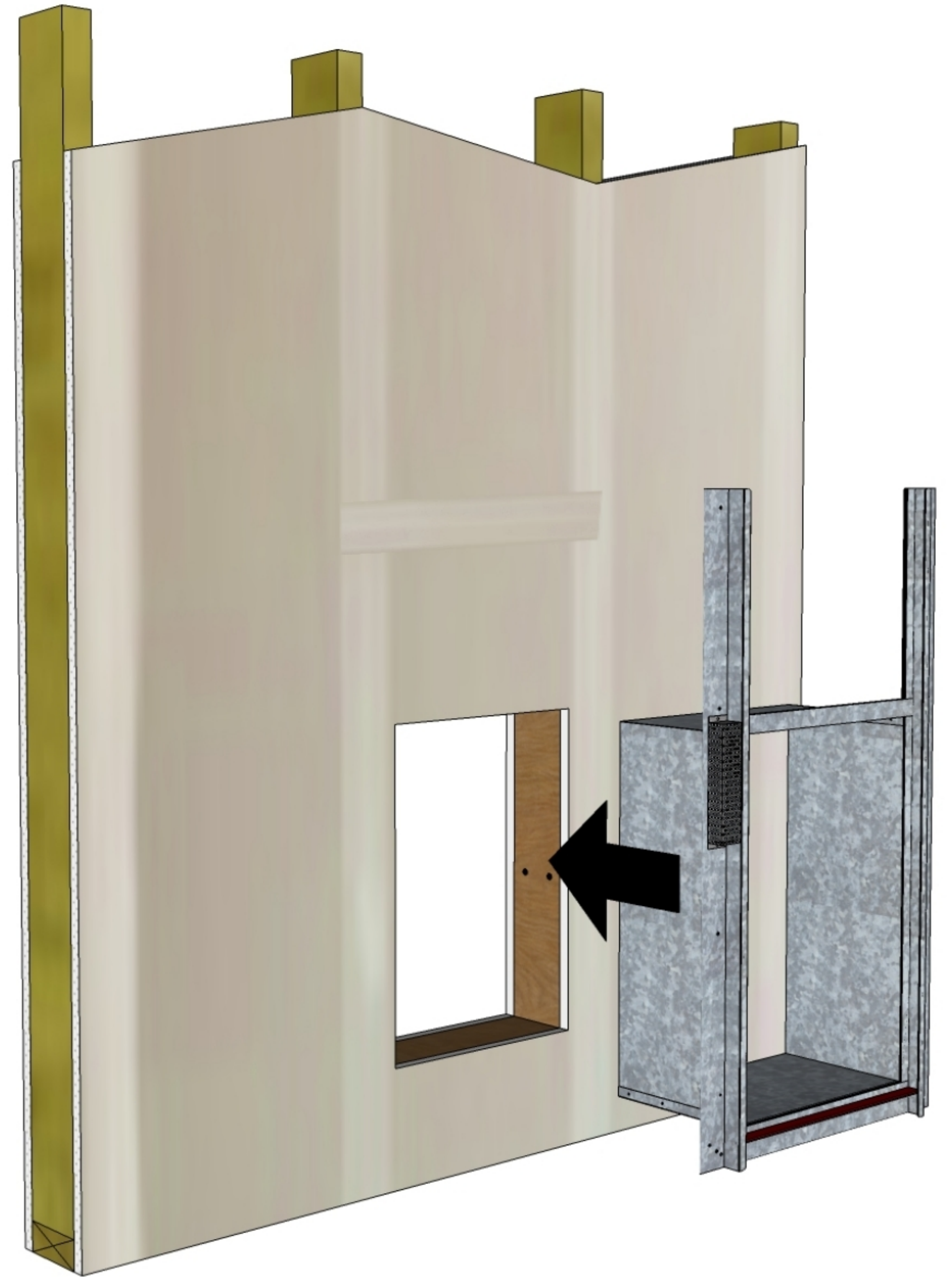*NOTE* Additional tools will be needed for new framing (not shown)

INSTALLATION

Living Area Interior Installation

Garage Side Installation

⚠️ This is the safety alert symbol. It is used to alert you to potential personal injury hazards or important issues during installation. Obey all safety messages that follow this symbol to avoid possible injury or death

⚠️ **WARNING** Indicates a hazardous situation which, if not avoided, could result in death or serious injury

⚠️ **CAUTION** Used with safety alerts, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

⚠️ **NOTE** Used to address important issues regarding installation and or code issues

⚠️ **CAUTION**

It is **recommended** that you hire a handyman, carpenter, contractor or professional installer. However FireSafe Pets Pet Doors can be installed by a homeowner with good Do It Yourself and carpentry abilities.

Have a **professional** verify that you are not cutting a load bearing wall stud. Major damage will result if a load bearing wall support is cut.

Due to the various styles and types of firewall construction there are multiple ways to frame the opening. Consult a professional as needed to ensure that the framing and installation are to local building dept. and fire codes.

The user and or installer, prior to installation, must become familiar with all building and fire codes that may affect the installation of the fire rated pet door and determine it's suitability in a given installation. This pet door is fire rated and intended for installation in an attached garage firewall.

It is important for the owner and contractor to consider any risks that may be present inside or outside of the pet door, and any risks that may be created by subsequent changes to your property and how they may relate to the existance and use, including misuse of the pet door.

Check for electrical, plumbing or any other obstructions that could be hidden in the wall where you wish to install the door.

FireSafe Pet Doors LLC will not be liable for incorrect installation by homeowners or their agents. The purchaser of the product accepts full responsibility for the oversight of the opening it creates.

STEP 1 — Measure your Pet & mark interior wall

① From your interior floor measure to your pets shoulders. Add 2 inches. This will be the top of the cut out for your pet door opening.

② Locate the bay between wall studs where you want to cut opening. Drill hole or nail through sheetrock to mark top of opening.
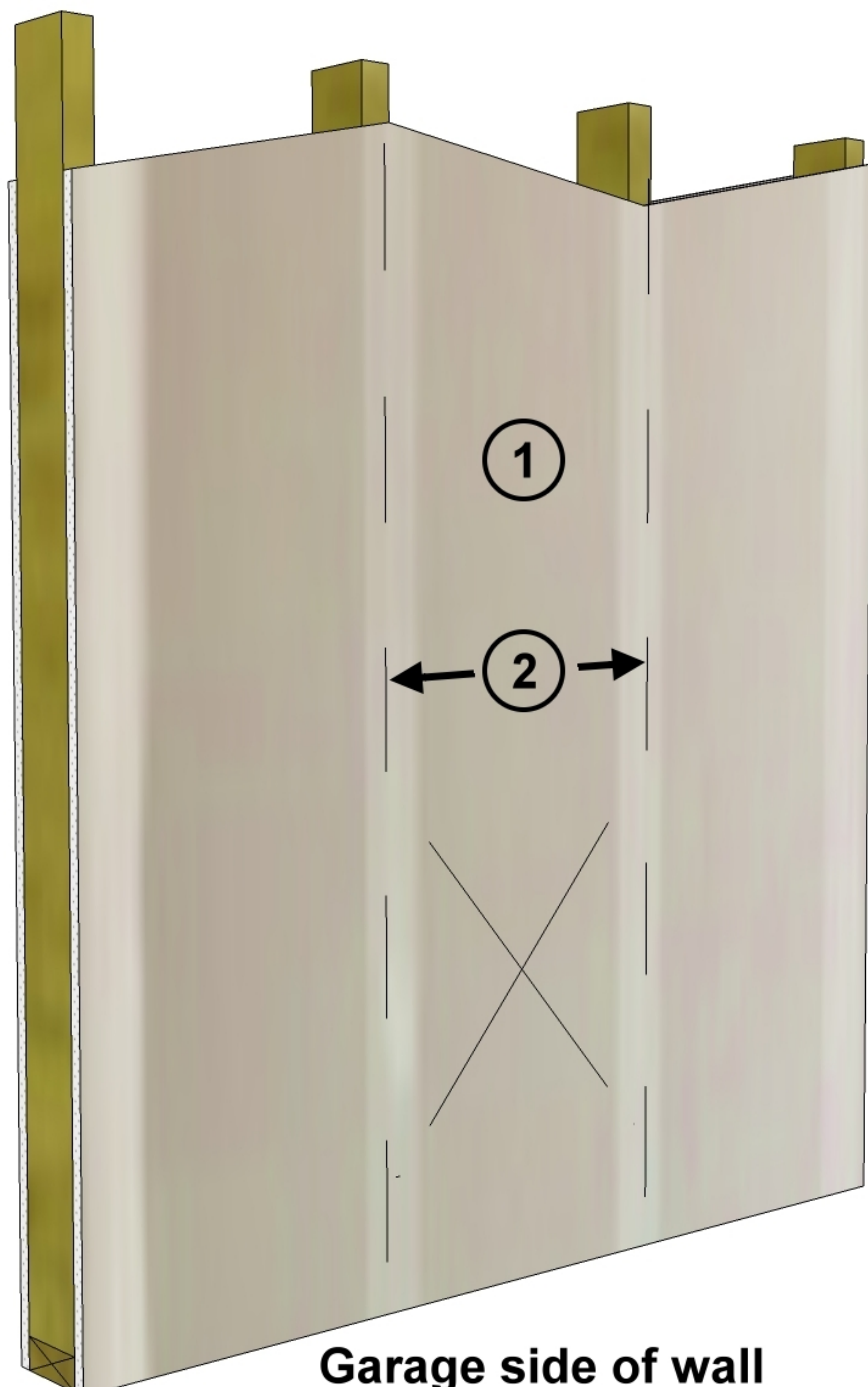
Add 2 inches from your pets shoulders to top of wall cut out

① H + 2 inches

Interior finish floor
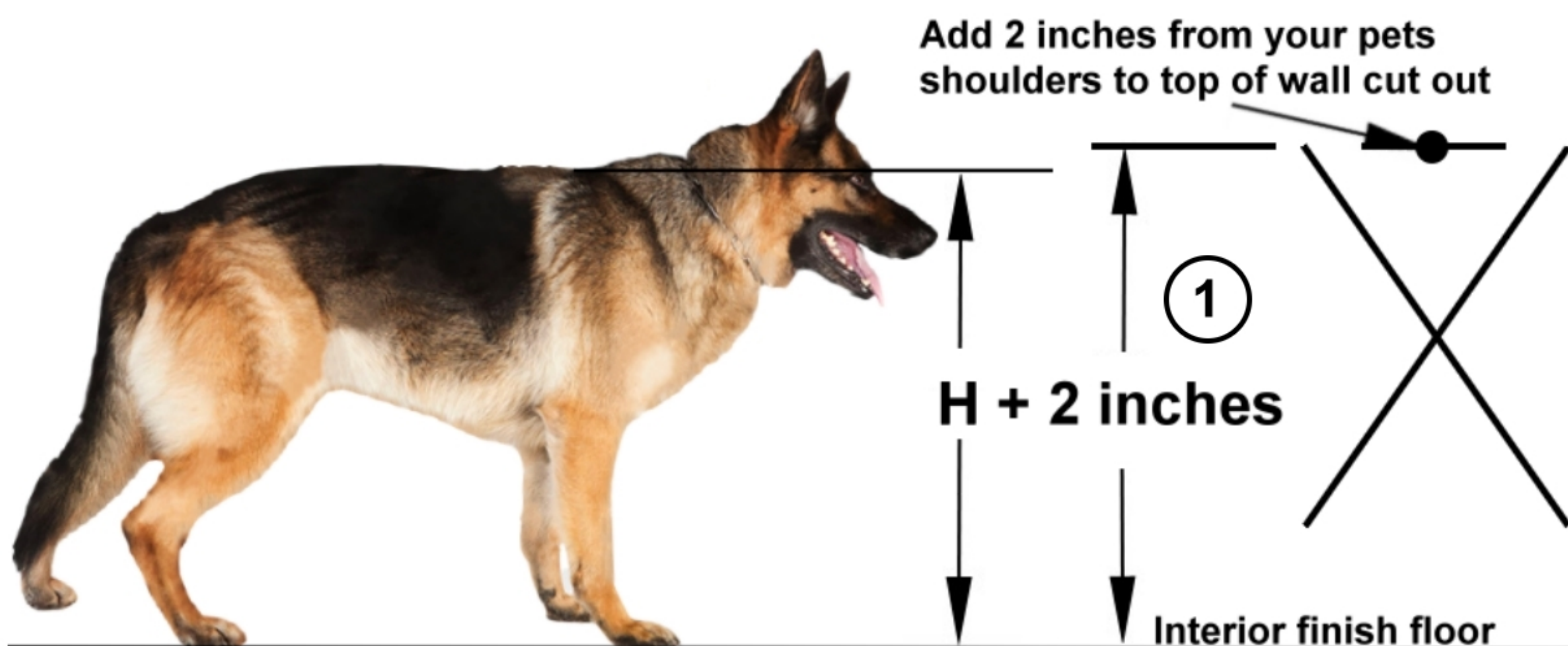
Remember to allow for pet growth

②
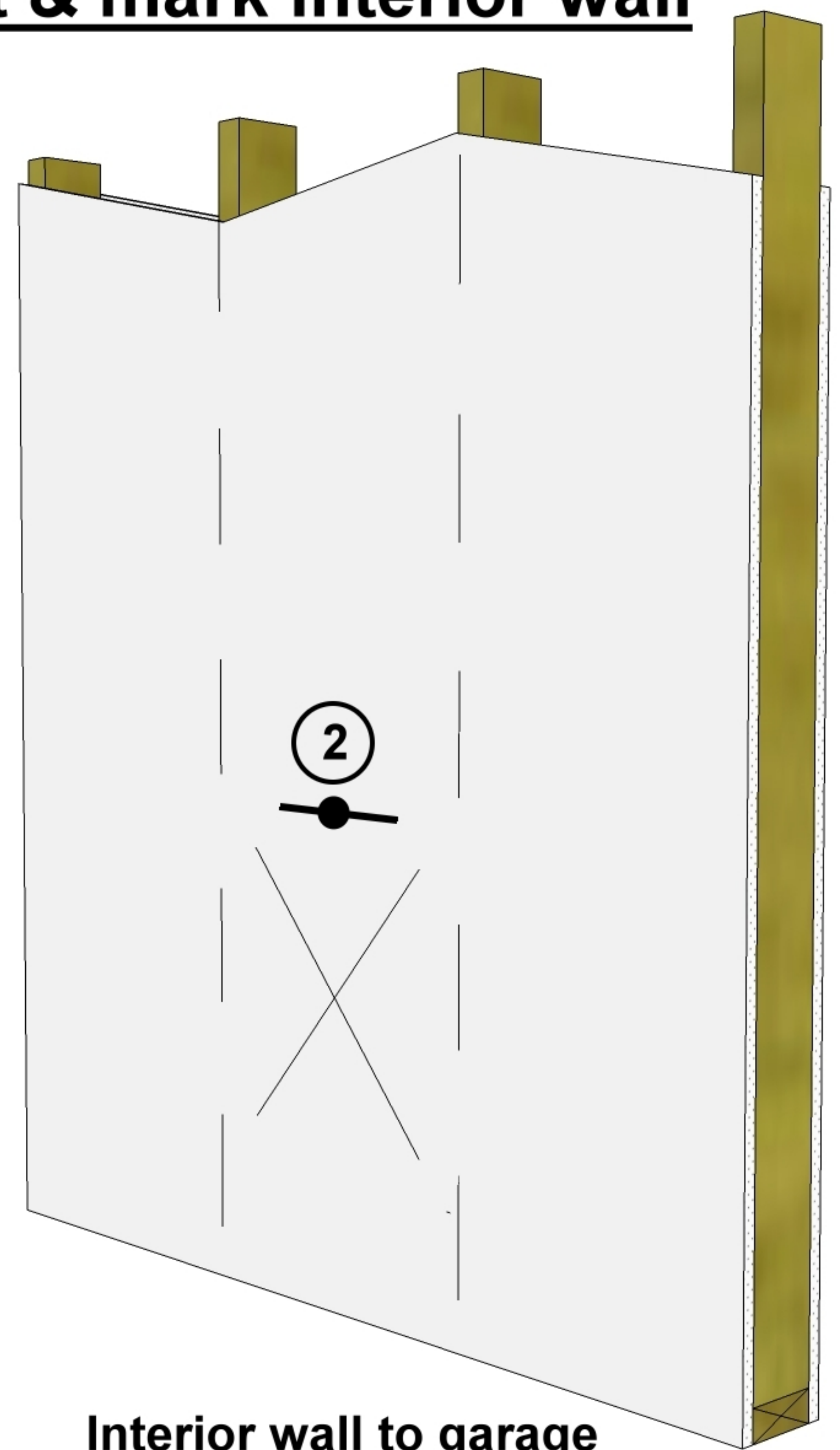
Interior wall to garage

STEP 2 — Locate pet door on garage side stud bay

① On the garage side of wall, locate the same bay as the interior between the wall studs where you will cut opening...mark the garage side of wall opening bay.

② Locate on the wall, the inside to inside of wall studs & mark on drywall (gypsum.)

①

②

Garage side of wall

STEP 3

Measure and mark cut out opening

⚠️ **NOTE** Framing example is for a typical 1 hour firewall construction and is for general reference only.

① From the bottom wall framing plate (interior floor height) measure up approx. 40 inches, mark and make a level line.

② Using a keyhole saw or other cutting device, cut along the inside edge of the two existing wall studs and at the level top line.

① **40 inches**

Garage side of wall

⚠️ **WARNING** Check for electrical, plumbing or other obstructions that could be hidden in the wall where you wish to install the door.
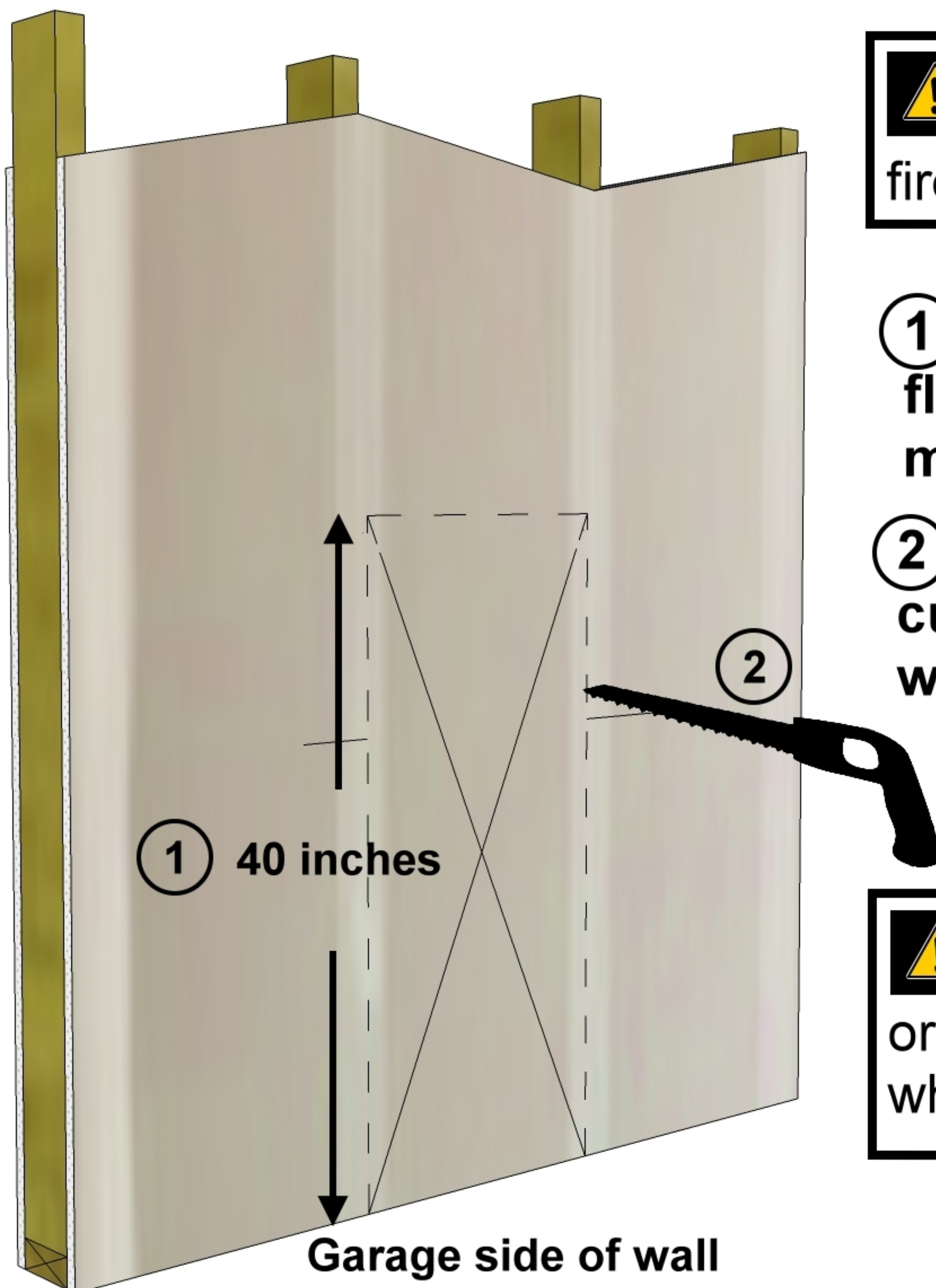
STEP 4

Cut out garage side drywall

① Remove drywall and any insulation from cut out area.

② From the hole you made on the interior drywall, make a level line from existing stud to stud.

16 3/4"

③ From the top level line at your hole on the interior drywall, measure down 16 3/4 inches mark and make a level line on the interior drywall.
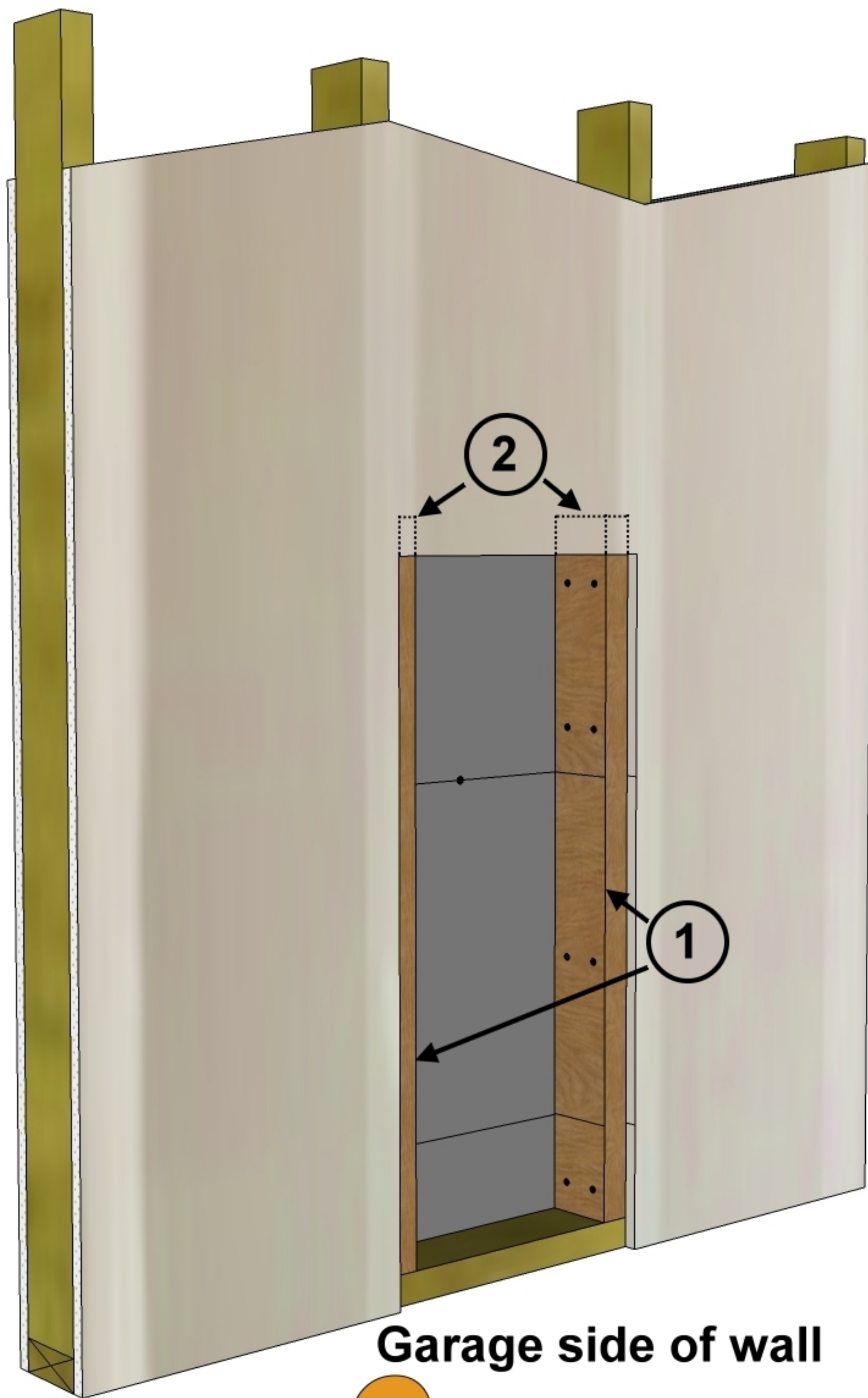
Garage side of wall

⚠️ **NOTE** If you have 16" framing, go to Step 5
If you have 24" framing, go to Step 6-1

STEP 5

New framing example of 16" stud wall

① Using new, same size framing material, install on inside of each existing wall studs, screw or nail new studs to existing framing.

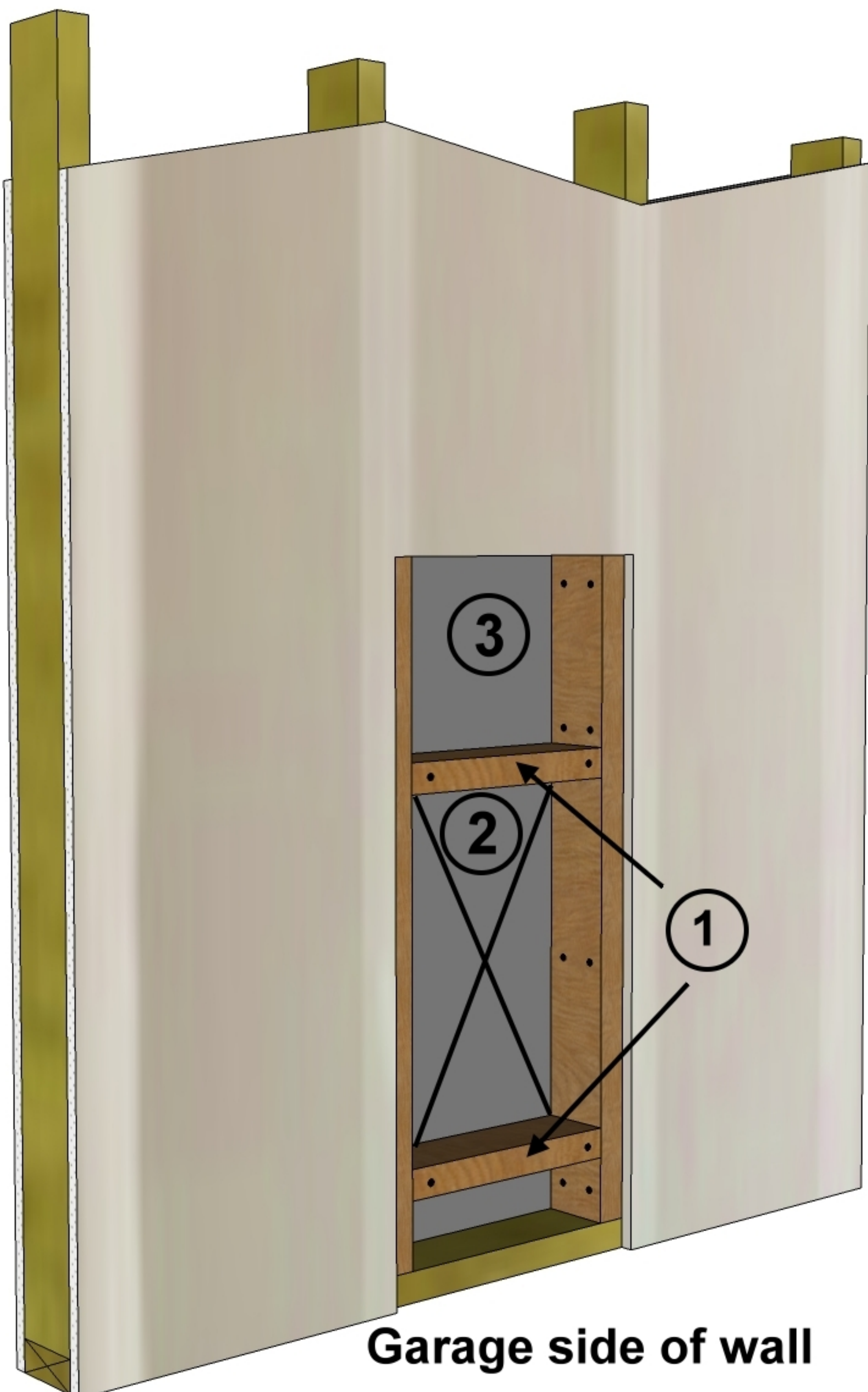② Cut new studs to 2-3 inches longer that the sheetrock cut out height.

⚠ **NOTE** We recommend pre drilling and using screws for all framing and drywall installation. This method will keep the dust down and make for a more accurate opening.

Garage side of wall

STEP 6

New framing example of 16" stud wall

Fit Check ✓ Check the opening dimensions for plumb, level and square It is recommended to slide the garage side pet door frame into opening to ensure clearances and fit.

① Measure between the two vertical studs, install new horizontal frame at top and bottom of opening Screw or nail.

② Rough opening 16 3/4" tall by 11 5/8" wide.

③ Reinstall insulation around new opening.

Garage side of wall

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STEP 6-1

New framing example of 24" stud wall

⚠ NOTE Framing example is for a typical 1 hour firewall construction and is for general reference only.
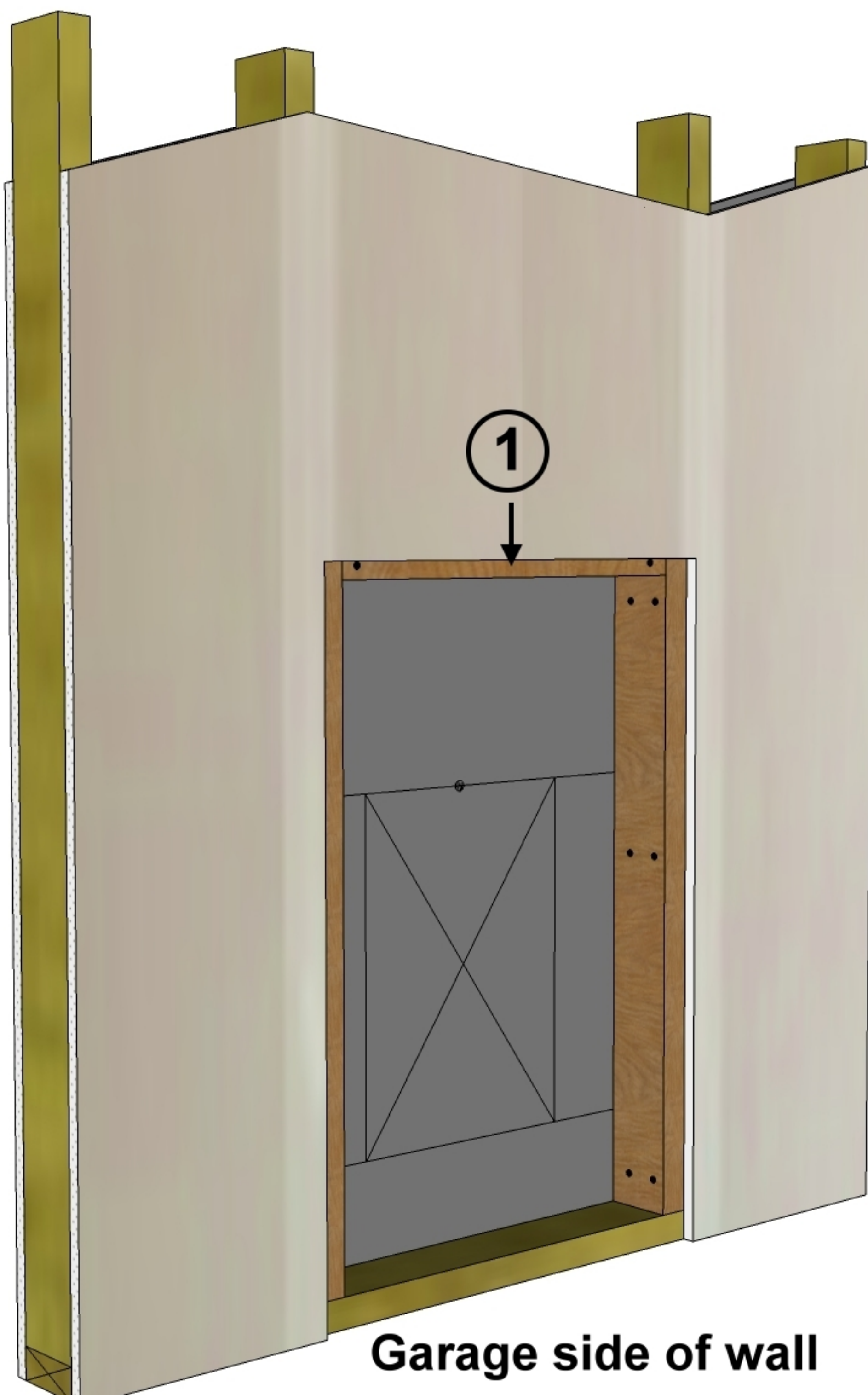
①Using new same framing size material install on inside of each exposed wall studs, screw or nail new studs to existing framing.

②Measure new studs to 2-3 inches longer that the sheetrock cut out height.

Garage side of wall
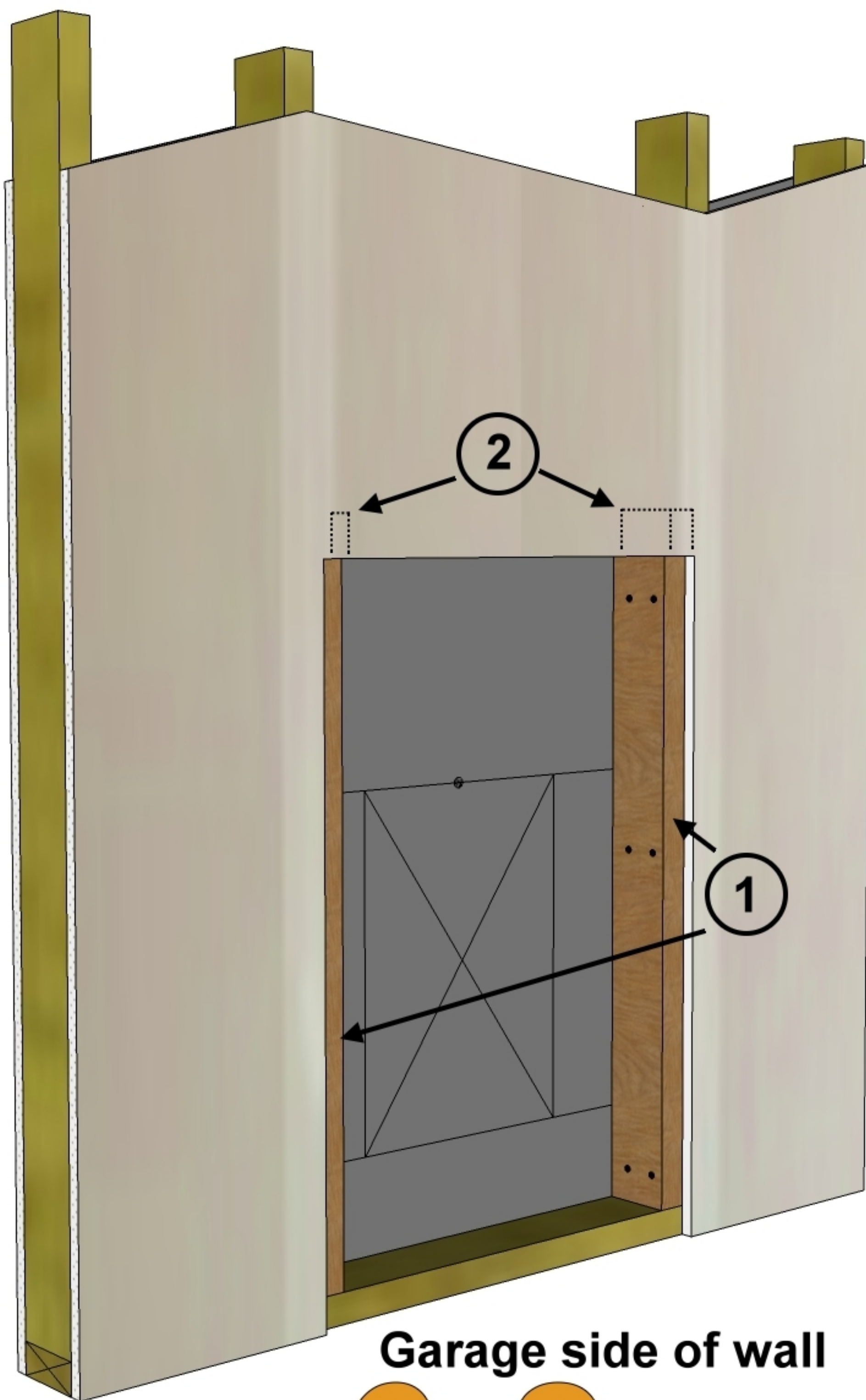
STEP 6-2

New framing example of 24" stud wall

①At the top edge of sheetrock cut out, install new horizontal framing.

Garage side of wall
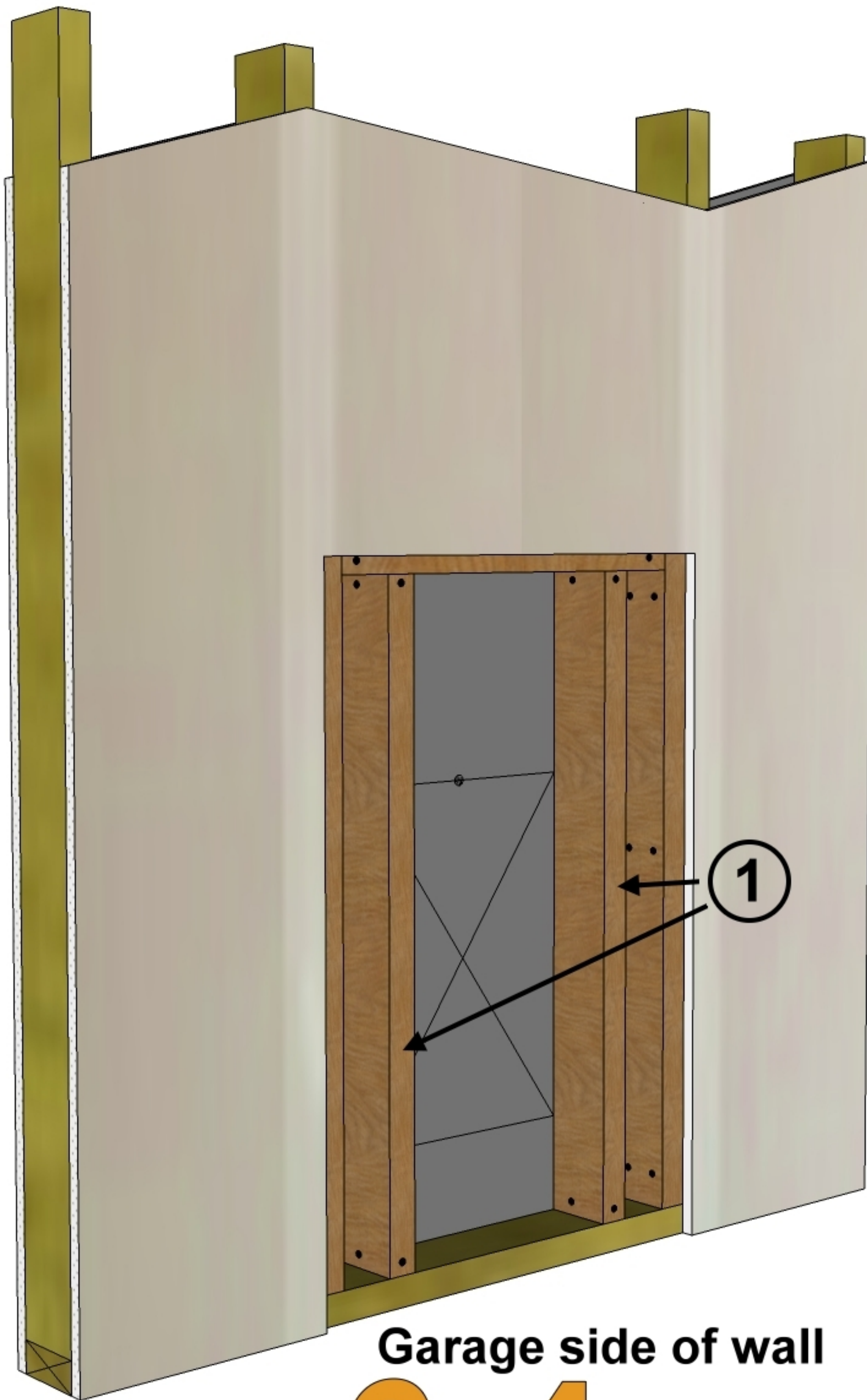
STEP 6-3

New framing example of 24" stud wall

Garage side of wall

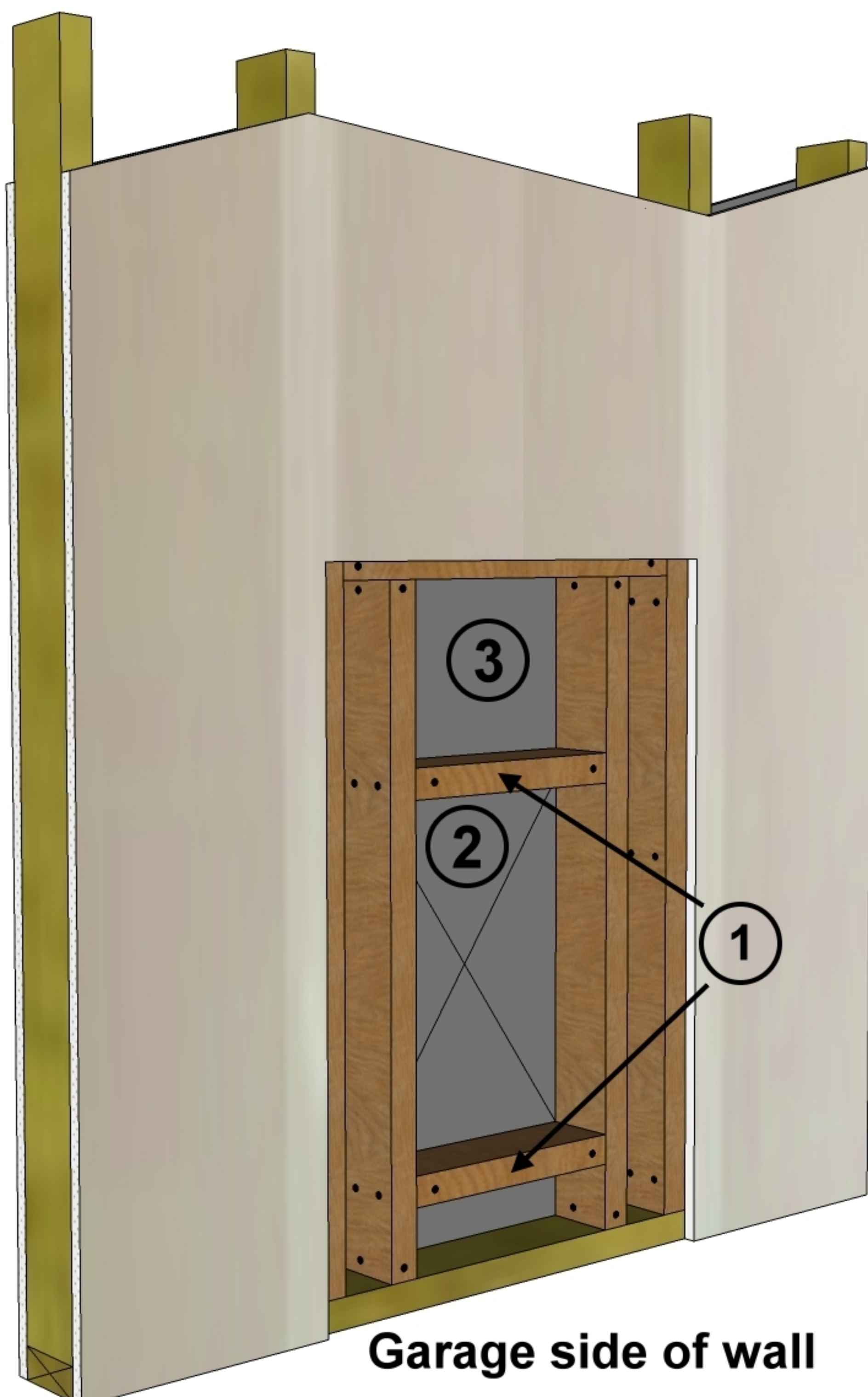① **Install 2 new same framing size material at marked vertical opening size.**

STEP 6-4

New framing example of 24" stud wall

Fit ✓ Check

Check the opening dimensions for plumb, level and square
It is recommended to slide the garage side pet door frame into opening to ensure clearances and fit.

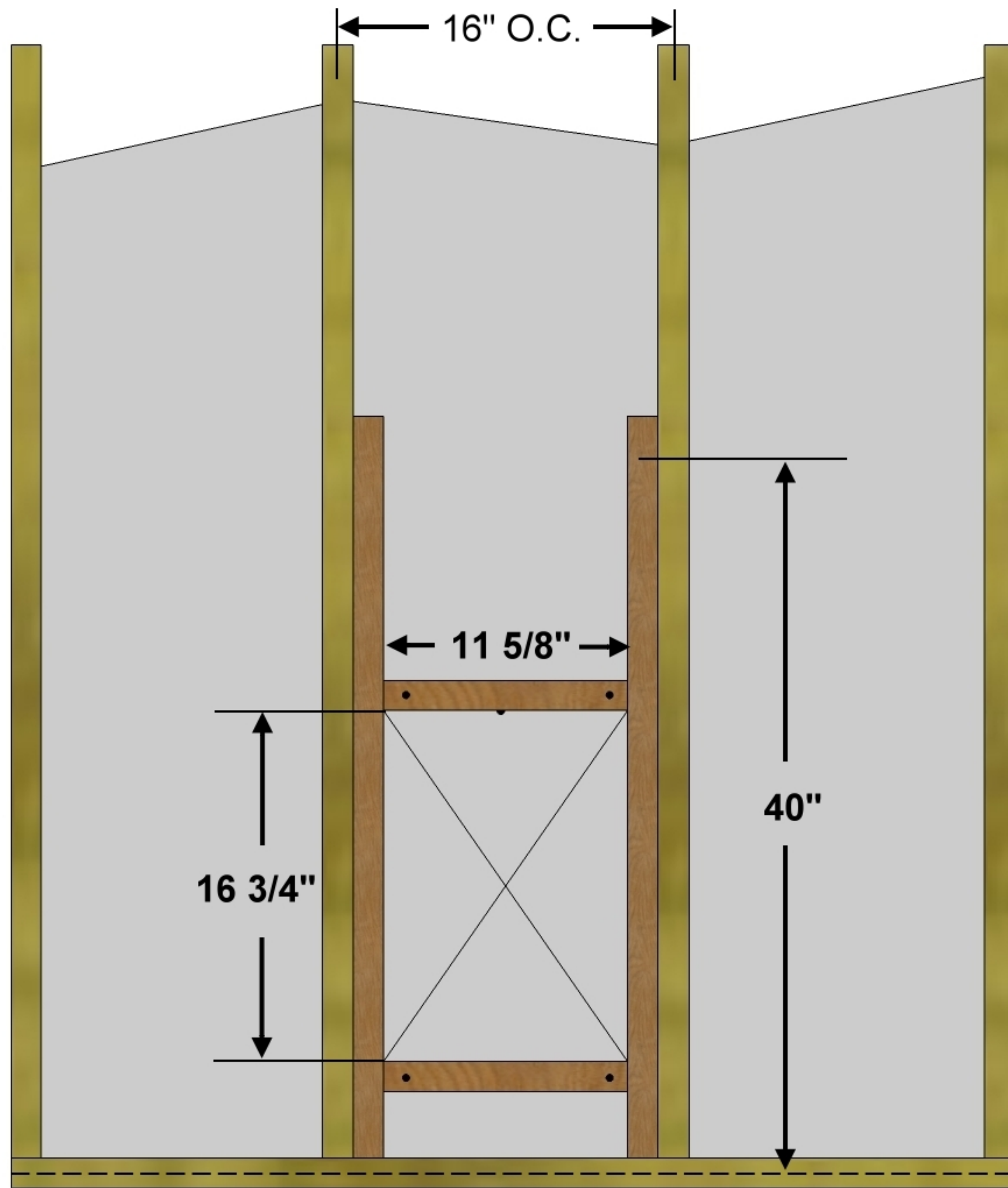**Garage side of wall**

① **Measure between the two vertical studs, install new horizontal frame at top and bottom of opening level and Screw or nail.**

② **Rough opening 16 3/4" tall by 11 5/8" wide.**

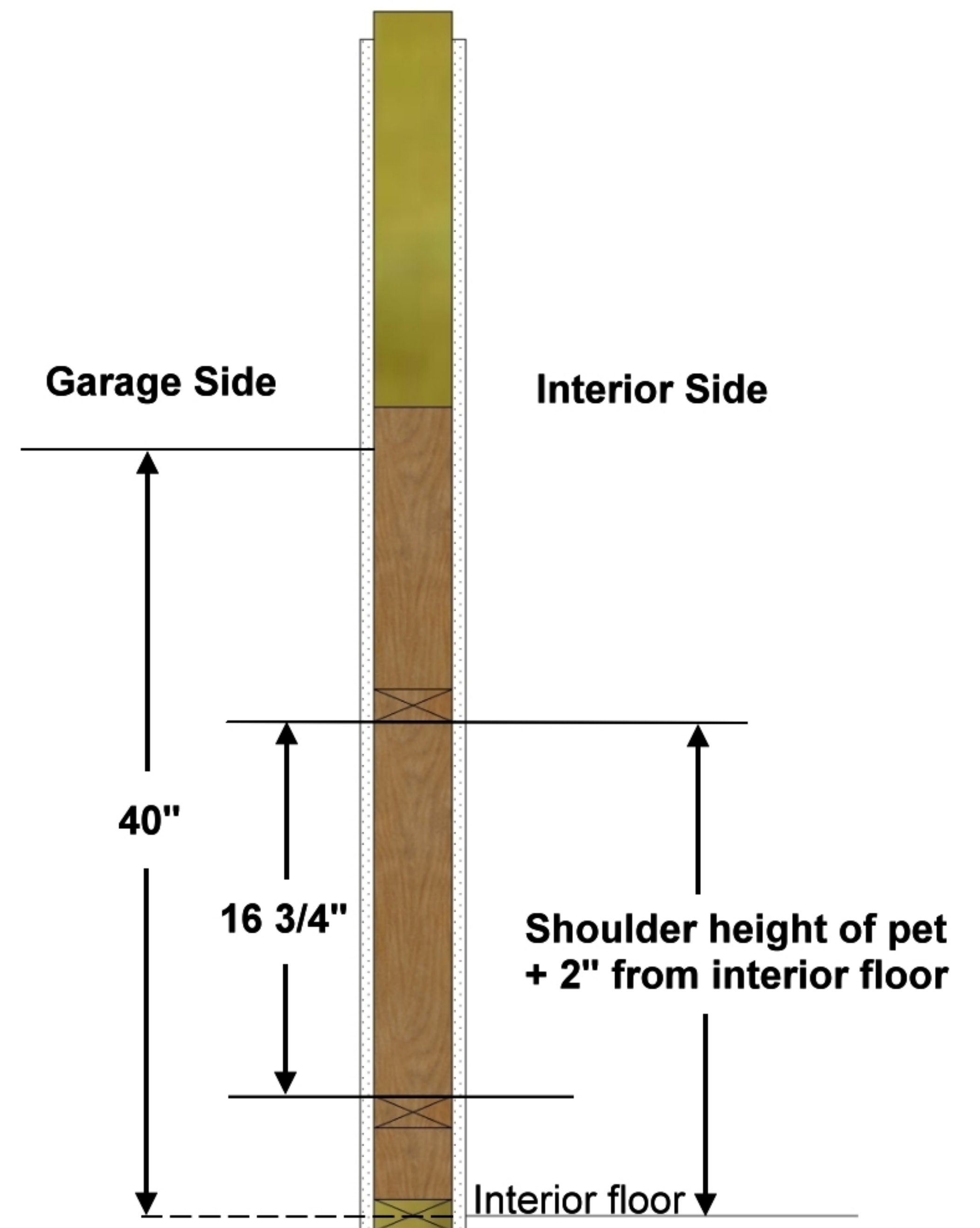③ **Reinstall insulation around new opening.**

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ELEVATIONS
New framing elevations of 16" stud wall

16" O.C.

11 5/8"

40"

16 3/4"

Garage Side

Interior Side

40"

16 3/4"

Shoulder height of pet + 2" from interior floor

Interior floor

Garage side elevation

Side Elevation

ELEVATIONS
New framing elevations of 24" stud wall

24" O.C.

+ 2"- 3"

11 5/8"

40"

16 3/4"

Garage Side

Interior Side

+ 2"- 3"

40"

16 3/4"

Shoulder height of pet + 2" from interior floor

Interior floor
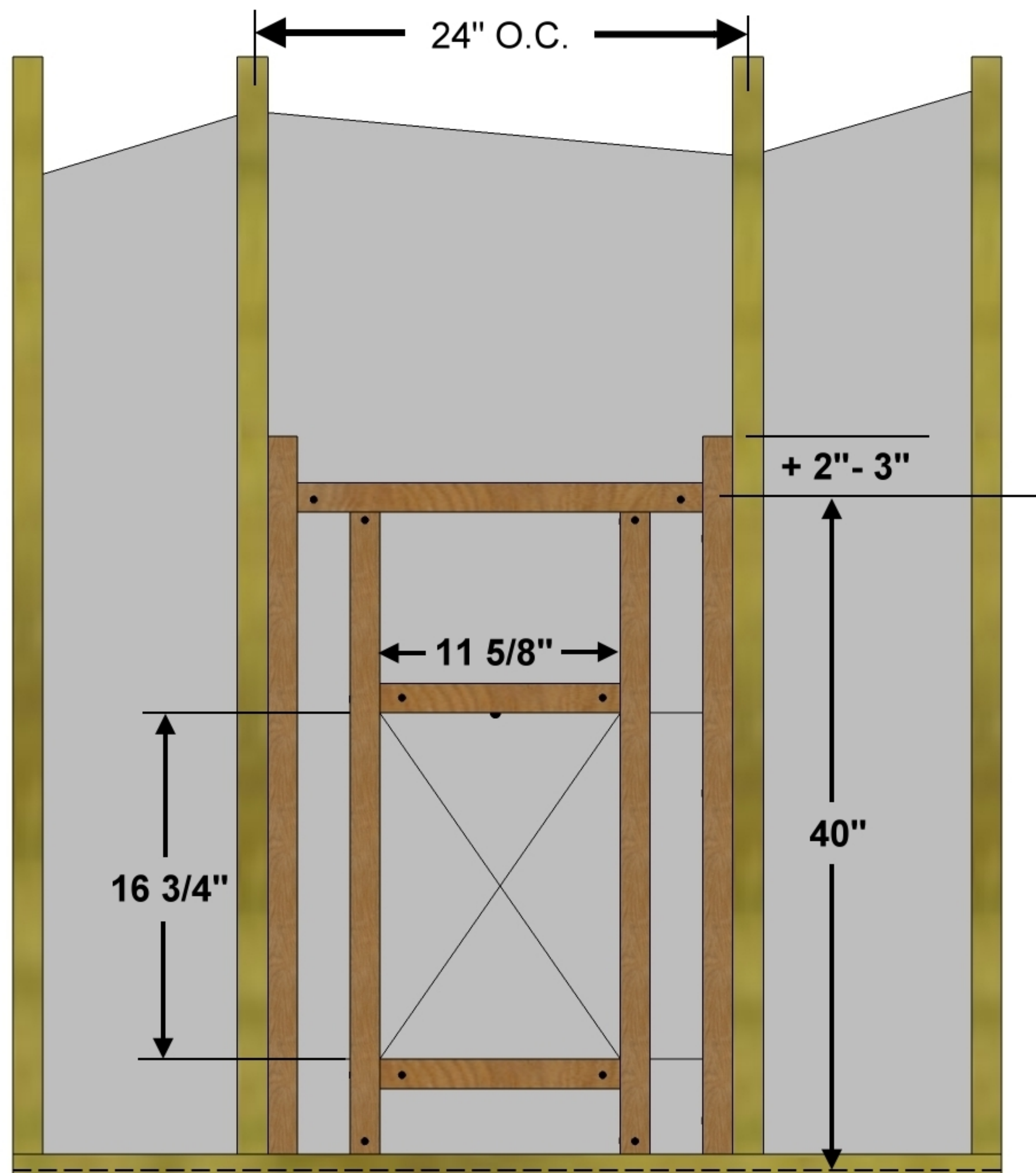
Garage side elevation

Side Elevation

STEP 7

Sheetrock patch example

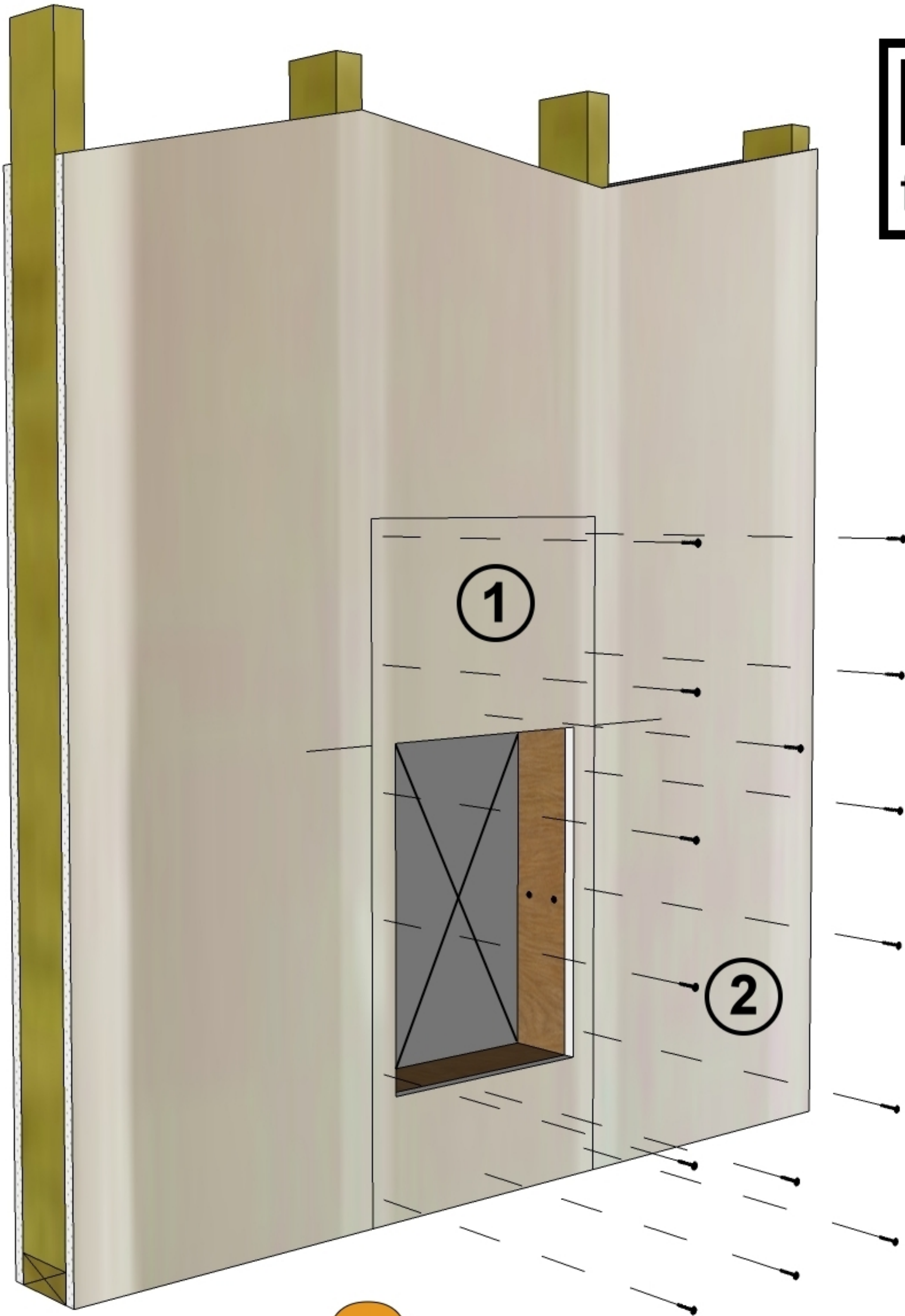⚠ **NOTE** Framing example is for a typical 1 hour firewall construction and is for general reference only.

① Patch with 5/8" drywall as per building code.

② Nail or screw drywall as per building code.

STEP 8

Fire tape and cut out interior drywall

① Fire tape all patched edges and nails or screws on garage side drywall as per building code.

② Cut out interior drywall with a keyhole saw.

STEP 9

Install door frame & wall extension

① From the garage side - slide pet door frame into new opening so extension rests on new framing bottom.

Center from side to side in opening.

STEP 10

Plumb-level frame & screw to wall

② Plumb and level frame in opening.

③ Screw into sheetrock studs using 6- #8 screws (provided).

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STEP 11

Slide fire door into frame

① From the top of frame channel slide the pet door down into the frame channels.

⚠ **CAUTION** Careful to slide door past channel felt at top of channels. Rest the door on the rod (Do not drop door on rod)

STEP 12

Set door at top of opening

② Rest the door on the support rod at top of opening.

The garage side installation of the fire rated pet door and frame is now complete.

⚠ **WARNING** Do not remove door panel except for servicing. This pet door assembly is 20 minute fire rated for your attached garage wall.

STEP 13

Interior wall flap frame & sleeve

⚠️ **NOTE** If your wall is deeper than (2x4) wall 4 9/16", you will need the (required) sleeve.
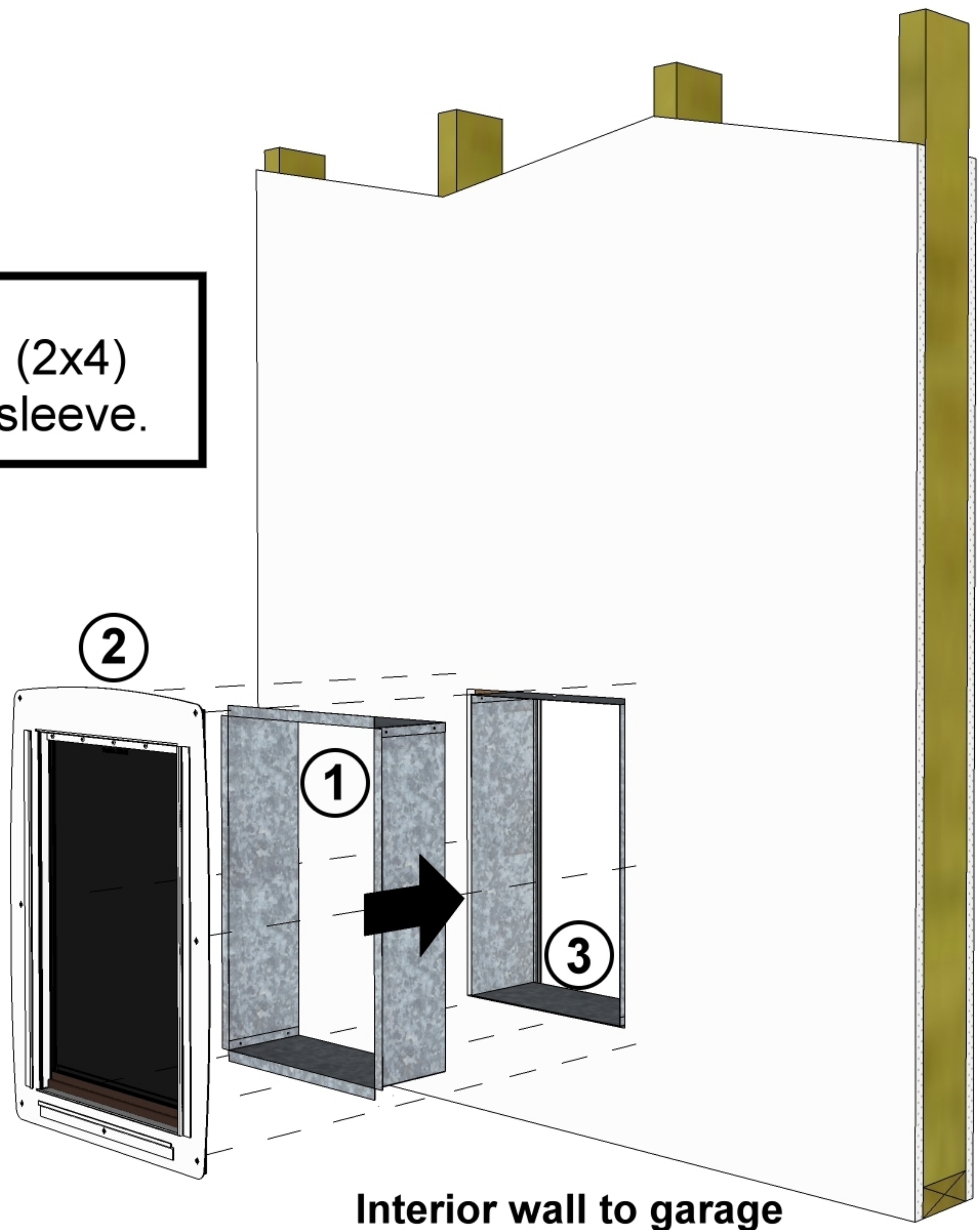
① **Side the sleeve into the opening so it rests on bottom of the frame opening** ③

Center from side to side in opening.

If your wall is 2x4 x 4 9/16" deep (No sleeve required) skip step 1.

② **Slide the flap frame into the opening** ③ **flush to the interior drywall.**

Center from side to side in opening.

Interior wall to garage

STEP 14

Level & screw flap frame

① **Level and plumb flap frame. Set flap frame on bottom of opening.**

Center from side to side

Make sure the frame is plumb and level.

② **Install 7 #8x2" screws provided.**

Fit Check Check the flap closure to ensure clearances and fit.

Interior wall to garage