**What measurements should I take from my existing double hung units to get a window priced or ordered?**

The answer to that question involves asking another question. Is the replacement window going to be a **full frame** or **insert style** unit?

A **full frame** replacement double hung unit is one in which all of the window components are torn out to the existing rough opening. A new window unit is then installed in the existing rough opening. Full frame replacement units usually require new interior trim and reworking of the exterior trim or siding.

1. Rough Opening Size - (Opening in Framed Wall)
- The rough opening (RO) size is the best possible measurement to take in order to get a double hung window priced or ordered at the correct size. The interior trim needs to be taken off to make the RO visible. Measure from vertical wood stud to vertical wood stud on the width and from the bottom of the header to the top of the sole plate on the height (width x height). Many double hung windows have a sloped sill that can cause plaster or drywall to stick up past the rough opening on the inside of the wall. Take a screwdriver and poke down in the corner to make sure the sole plate is the measurement being taken.

2. Double Hung Glass Size
- The visible glass size is another good measurement option for full frame replacement double hung units. Double hung window sizes have remained virtually unchanged since their inception more than 100 years ago. The glass size of the unit has also remained basically unchanged. The consistency over time and across manufacturers allows the measurement of the glass size to be an accurate tool in determining the overall size of a double hung window. Measure the visible glass size width and height on one sash (width x height).

3. Exterior Brickmold Size
- The exterior brickmold size is another fine measurement option for double hung windows. Measure the width from outside of brickmold to outside of brickmold. Measure the height from the top of the brickmold to the bottom of the sub-sill or sill. Double hung sills have had some variation in construction style built in through time, so make sure to measure the height to the lowest portion of the sill component on the exterior (see the anatomy of a double hung window section below to view the sill options).

An **insert style** replacement double hung unit is one in which the window components (sash, interior stops and jamb hardware) are torn out to the existing frame. The jamb hardware and sash are then replaced with either an *insert unit* or new sash and jamb liners (*Marvin Tilt Pac*). An insert style replacement unit allows the existing frame, exterior trim and interior trim to be salvaged. An insert style unit requires the existing exterior frame to be in serviceable condition as it is a component of the new window system.

1. Sash Opening Size
- The sash opening size is a great measurement option for insert style windows. Most double hung windows have a form of hardware that carries the sash along the side jambs (very old units relied solely on compression). If hardware is present, it is important to take the sash opening width to the jamb that is beyond the hardware. Measure from jamb to jamb on the width. Measure the height from the bottom of the head jamb to the highest point on the sill.

2. Double Hung Glass Size
- The glass size of a double hung unit works well for insert pricing purposes, but it is not encouraged for ordering purposes. Insert style units rely on a tight fit between the new sash and existing frame to ensure quality performance. The glass size measurement will usually work for both insert and tilt pac units, but the sash opening size is highly recommended to ensure accuracy.

**How do I measure the jamb depth of my window?**

Measure from the inside of the exterior trim (usually brickmold) to the inside of the interior trim. The jamb depth measurement is the total thickness of the exterior sheathing, the framing material (studs) and the interior sheathing (sheetrock).

**See windows 101 video and manufacturer links for additional information.**

Please call or send an email with any questions.

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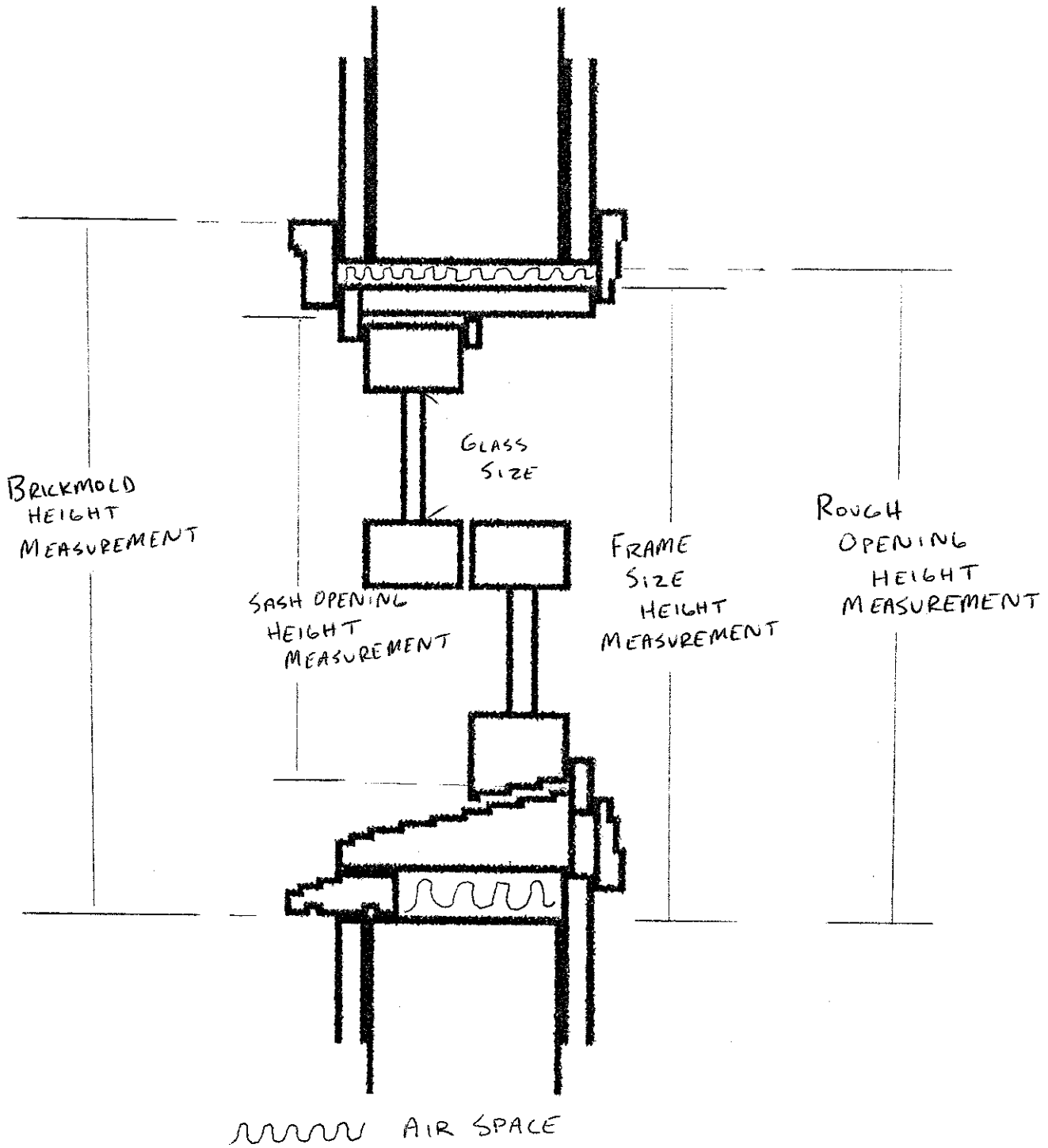
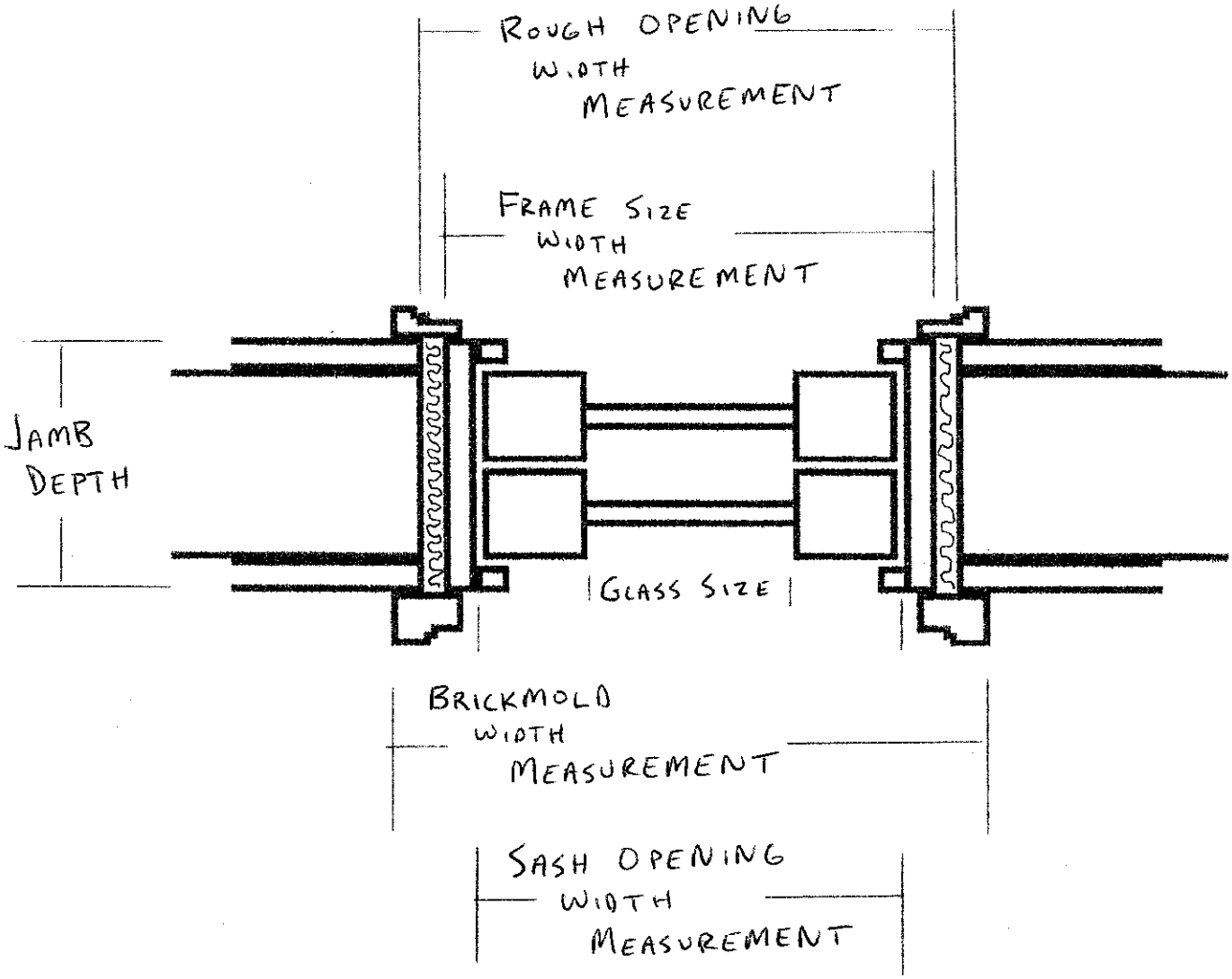

BRICKMOLD HEIGHT MEASUREMENT
GLASS SIZE
SASH OPENING HEIGHT MEASUREMENT
FRAME SIZE HEIGHT MEASUREMENT
ROUGH OPENING HEIGHT MEASUREMENT
AIR SPACE


ROUGH OPENING
WIDTH
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WIDTH
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JAMB
DEPTH
GLASS SIZE
BRICKMOLD
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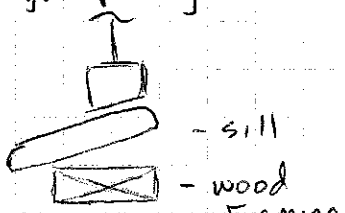
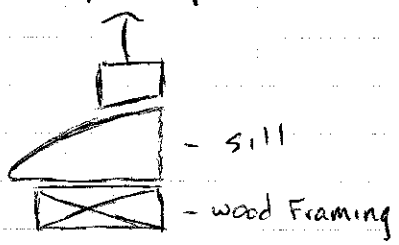
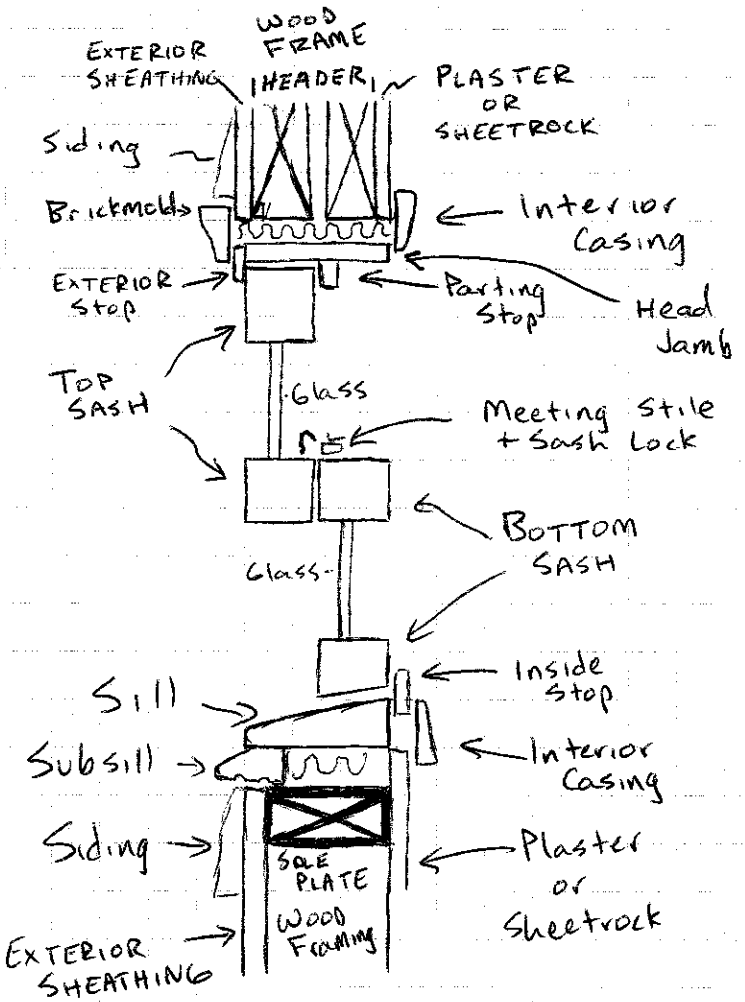
SASH OPENING
WIDTH
MEASUREMENT
AIR SPACE

# Anatomy of A Double Hung

## Sill Variations

Slope can carry through opening




Sill can have Flat bottom with sloped top