

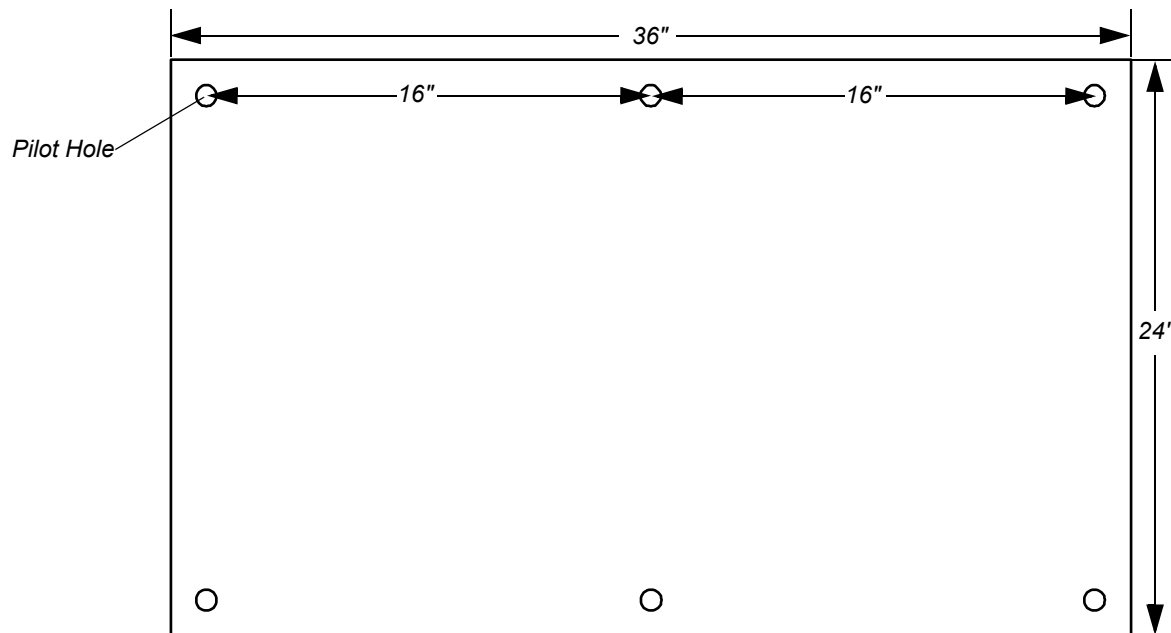
Reinforcing a SMART Board™ 600i Series Interactive Whiteboard System Wall Mount Installation With a Backer Board

If your SMART Board™ 600i series interactive whiteboard system mounting bracket doesn't align with a wall stud, install a backer board to reinforce your wall mount installation. Install a backer board on wall studs, and then mount your SMART Board on a backer board to ensure that it is securely mounted.

Tools and Materials Required	
<ul style="list-style-type: none">• 36" × 24" piece of 3/4" plywood (backer board)• 4" × 28" piece of 3/4" plywood (pentray bracket spacer)• Phillips® No.1 and No.2 screwdrivers• Ruler• Tape measure• Carpenter's level• Electric drill	<ul style="list-style-type: none">• Toggler® hollow-wall anchors• Masking tape• Stud finder• Pencil• Appropriate wood screws, washers and drill bits• Mounting template (included with your SMART Board interactive whiteboard)

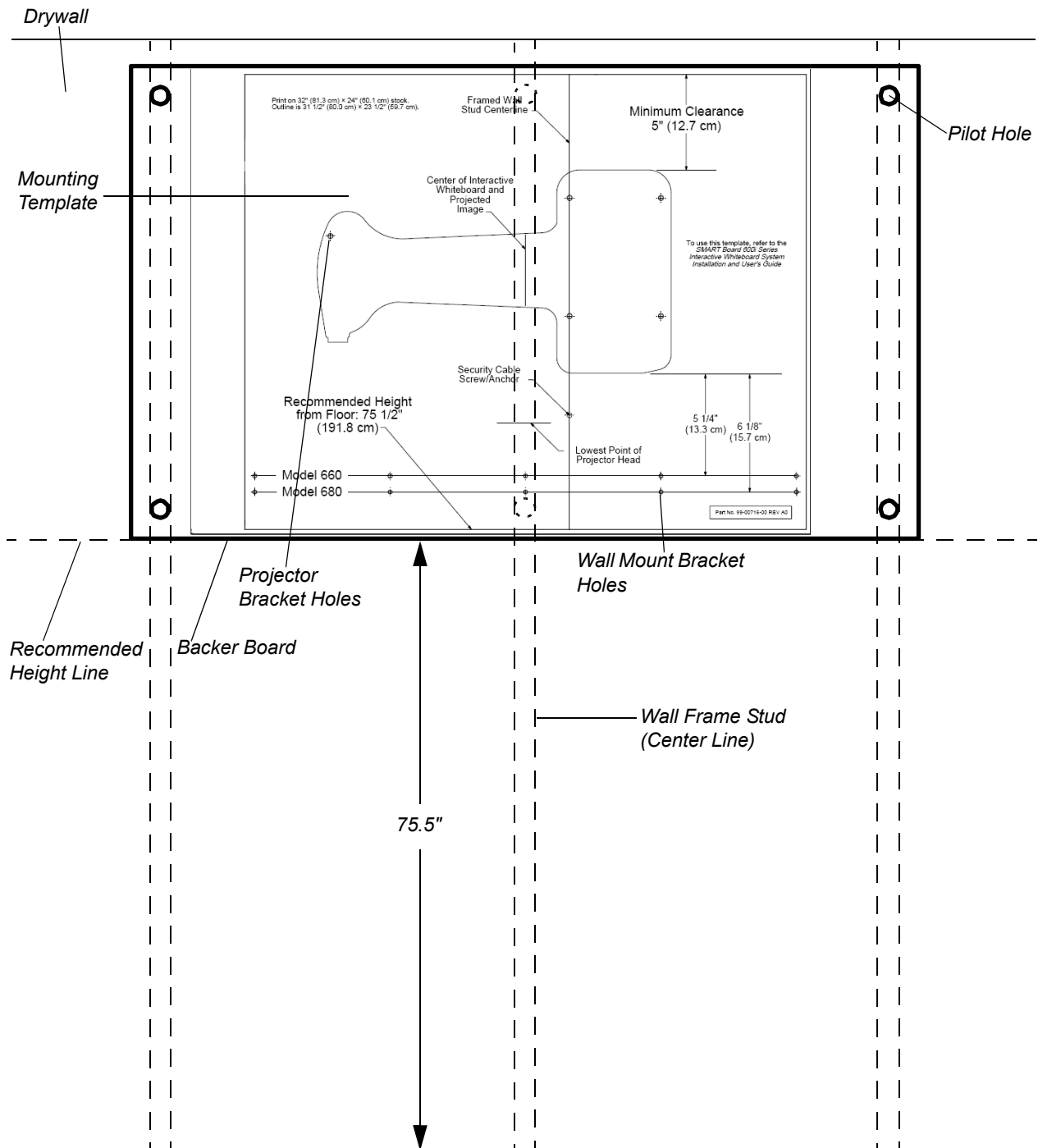
To install the backer board

1. Cut the 3/4" plywood to a dimension of 36" × 24". This piece of plywood will serve as the backer board for the Unifi™ projector and interactive whiteboard monitor bracket. Drill 6 pilot holes into the backer board using the appropriate drill bit. Drill the holes according to the measurements indicated on the following diagram.



2. Using a studfinder, locate a stud near the center of the wall where you want to mount the backer board.
3. Using a pencil and a carpenter's level, draw a vertical line on the wall to mark the centerline of the stud.
4. Draw a horizontal line (Recommended Height Line) on the wall 75.5" from the floor, intersecting the vertical line drawn in step 4. Use a carpenter's level to ensure that the line is level.

- Choose the location for the SMART Board interactive whiteboard, and then mark its center on the backer board. Align the **Center of Interactive Whiteboard and Projected Image** line located on the mounting template with the center mark.
- Using masking tape, tape the mounting template to the backer board.



- Align the bottom of the backer board with the recommended height line, and then align the center holes of the backer board with the stud you located in step 3.

8. Install the backer board using the appropriate screws or Toggler hollow-wall anchors.



The backer board's center holes must align with a stud. Use Toggler hollow-wall anchors to install the backer board if the wall has metal studs, and for holes that don't align with studs.

To install the projector bracket

1. Using the appropriate drill bit, drill the 5 projector bracket holes into the backer board according to the locations indicated on the projector template.
2. Using the appropriate drill bit, drill the 5 wall-mount bracket holes into the backer board according to the locations indicated on the projector template.
3. Remove the projector template.
4. Install the five pan-head wood screws and washers for the projector bracket into the projector bracket holes.

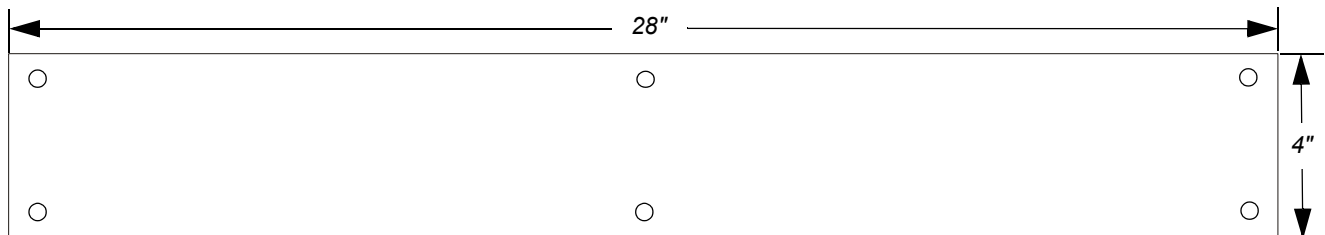


Don't fully insert the screws. Leave a 1/4" (6mm) space between the head of the screw and the backer board surface.

5. Mount the projector bracket on the five pan-head wood screws, and then tighten the screws securely.
6. Attach the interactive whiteboard's wall-mount bracket to the backer board using the appropriate wood screws.
7. Mount the projector and SMART Board interactive whiteboard on the backer board.

To install the pen tray bracket spacer

1. Drill six holes into the 4" x 28" piece of plywood (pen tray bracket spacer) according to the measurements indicated in following diagram.



2. Attach the pen tray bracket spacer to the wall behind the interactive whiteboard's pen tray brackets using the appropriate wood screws.
NOTE: You must install the pen tray bracket spacer to prevent unnecessary movement of the interactive whiteboard and keystoneing of the projected image.
3. Bend the metal tabs located in the center of each pen tray bracket so that they rest against the pen tray bracket spacer. Place the SMART Board interactive whiteboard parallel to the backerboard.
4. Screw the metal tabs to the pen tray bracket spacer with an appropriate Phillips screwdriver and screws.

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