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Soft Rise Barrel Vault

Included in your barrel vault kit:

a. Barrel Vault Struts

Tools needed:

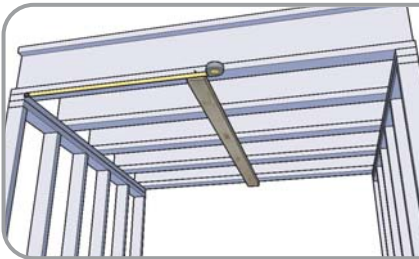
a. Nail Gun

b. Circular Saw

c. Tape Measure

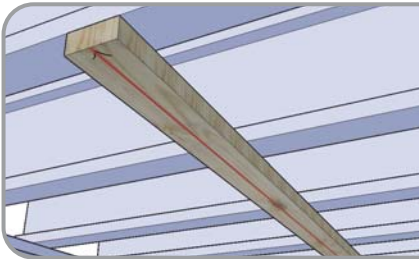
d. Square

e. Level



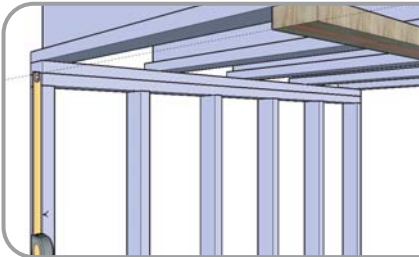
1

Using traditional framing construction to meet code requirements, frame a brace centered down the length of your barrel vault.



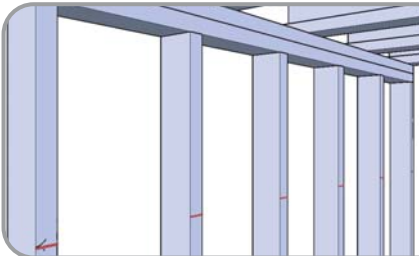
2

Snap a center line to the underside of the center brace. Note: The center line must be centered down the length of the barrel vault within $\frac{1}{4}$ ".



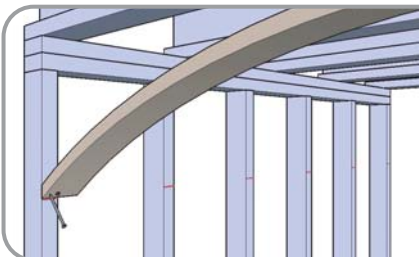
3

Measure and mark down from the bottom of the center brace along each wall and at each end 13 inches (rise). Note: The rise does not include the thickness of the center brace.



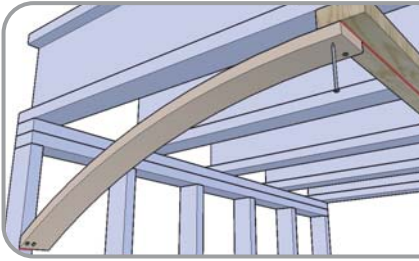
4

Snap a horizontal line at the rise mark on each wall down the length of your barrel vault.



5

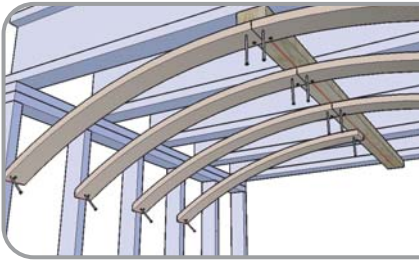
Starting at one end of your barrel vault, align the pre-cut mitered half of the arch to the rise mark on the stud. Using a nail gun (or screw gun), attach the half to the stud. *Tip: if using screws predrill pilot holes.*

**6**

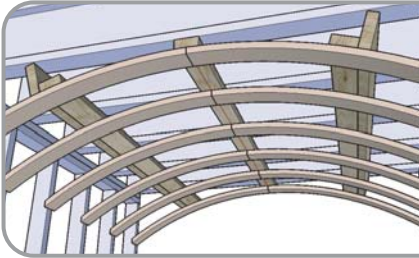
Align the square cut half to the center line of the center brace and nail (screw) in place.

**7**

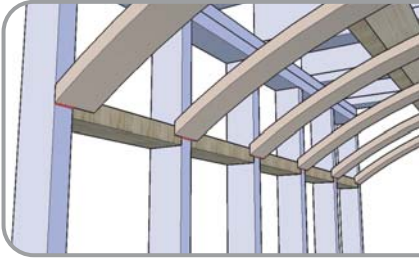
Repeat steps 5 and 6 to complete the whole strut.

**8**

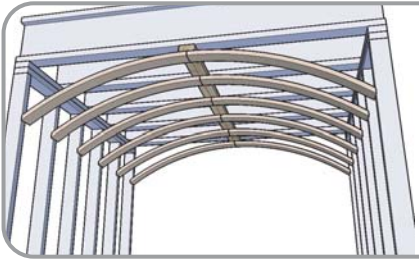
While spacing the barrel vault struts 16" O.C., continue installing the struts down the length of the barrel vault until finished.

**9**

If necessary and/or according to code requirements, install strongbacks atop the barrel vault struts.

**10**

If necessary and/or according to code requirements, fire block the barrel vault along the perimeter of the outer struts.

**11**

That's it! You are now ready for electric and drywall!

Disclaimer: Standard safety precautions should be taken when installing Arch-Rite® arches. Installer should be familiar with safe operating procedures for power tools, wood working tools, and ANY ladders necessary for installation. The installer should follow published installation instructions and wear proper head and eye protection. Arch-Rite® and its Licensees assume no liability for any injury or accident as a result of installing any Arch-Rite® products.

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