



June 26, 2014

To: Building Official

RE: SkyLift Hardware

SkyLift Hardware is a structural, secure and sealed means of wall mounted (top of wall) attachment for Patio Covers and Shade Trellises. SkyLift is a simple hardware item that is best described as a roof riser bracket or simple post support for the upper sections of covered structures.

The SkyLift product is engineered to be durable and safe for uses of support when incorporated in the overall design and construction of covers. SkyLift Hardware is engineered for support and has been tested by Oregon State University in regards to uplift of our standard products, the SK-24B. Oregon State University tested our heavy duty products, the SK24-HD for lateral loads.

Both products performed well and pull out occurred when the Simpson SDS structural fasteners exceeded the approved limits in excess of 2x their ratings. The SkyLift Products themselves had no failure exhibited upon reaching the pull out of the Simpson fasteners.

SkyLift Hardware includes the Simpson SDS fasteners as a means of attachment to the double top plate of a typical exterior load bearing wall structure. SkyLift Hardware is intended to be used for support at the top of the exterior structural supporting wall. The SkyLift vertical riser is sealed at the roof with a standard pipe vent flashing and this assures a sealed and standard flashing detail at the roof penetration.

SkyLift Hardware has been approved by multiple local building jurisdictions and departments when used in combination with standard construction practices and beam or span ratings of adjoining materials.

SkyLift has been installed in over 1,500 applications. SkyLift Hardware is safe and durable when used in installations and applications as intended.

Engineering and Testing data is available upon request.

Respectfully Submitted,

A handwritten signature in dark ink, appearing to read "Douglas T. Lethin".

Douglas T. Lethin

Owner and Inventor, SkyLift Hardware

1160 Vista Ave SE  
PO Box 13065  
Salem, OR 97309

Office: 503-361-2274  
Toll Free: 1-888-759-5488  
Fax: 503-373-3688