



**Furring Nails in Shear Panels**  
CITY OF HIGHLAND BUILDING DIVISION  
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Policy No. 325

**PURPOSE:** To establish a policy regarding the installation of exterior lathing over exterior shear panels or solid flat plywood surfaces of conventional construction.

**POLICY:** Exterior lath applied over exterior shear panels or plywood sheeting, shall be fastened with minimum 1-1/4" furring nails. The furring nails shall extend beyond the shear panel two (2) or more framing bays each side of the shear surface.

Where shear panel occurs on a second story above the lower floor shear panel, furring nails shall be used on the rim joist which separates the shear panels.

**ANALYSIS:** Installation of staples or non-furring nails applied to the shear panel/plywood may cause stress cracks to develop in the stucco, usually occurring at the shear panel edges because of the ridged flat surface. Installation of furring nails on the shear and framing member next to the shear will insure the thickness consistency of the applied plaster.

Effective Date: January 1, 2011

Revision Date: April 2019

Reference Code & Section: