



Rogers Fire Department Standard Operating Procedures

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| Policy Title: | Commercial and Residential Roof Nail/Exterior Shear Inspections | | |
| Policy Number: | 736 | Volume: | Risk Reduction |
| Approved By: | Tom Jenkins | Last Updated: | 10/2015 |
| CFAI Reference: | N/A | CAAS Reference: | N/A |
| Revision Summary: | Created – 10/2015 Formatted – 10/2015 Revised – N/A | | |

PURPOSE

The purpose of this policy is to ensure uniformity in the way roof nail / exterior shear inspections are conducted.

POLICY

Prior to approving any footing inspections compliance with the following items must be achieved:

1. Contractor must have approved plans on site prior to starting the inspection.
2. Verify roof sheathing is proper size/grade nailed 6" on the edge and 12" in the field.
3. Verify fasteners (nails or staples) are not too deep (penetrating the outside of the sheathing).
4. Verify sheathing is properly spaced (minimum 1/8" gap between sheets with spacers).
5. Verify roof design is in accordance with approved plans.
6. Verify that OSB/plywood at ridge is a minimum of 12" wide or blocked under the sheathing if less than 12" in width.
7. Verify shear is nailed at 6" on edge and 12" in the field or per the approved plans (engineering may be attached to approved plans).
8. Verify that hold downs for Alternate Braced Wall Panels are according to the approved plans.
 - a. Special inspection will be required if bolting for hold downs is not installed and drilling/epoxy required.

9. Verify that braced wall panels placed in accordance with the approved plans.
 - a. This could include windows, doors, etc. added that are not on the approved plans which alters the shear requirements and will need approval for the changes in the shear panel locations.
10. Verify that shear panels installed to provide continuous tie from the foundation to the double top plate at the roof line. Splices shall be blocked and nailed per nailing schedule.

Any deviation from this policy shall be documented by the inspector in the notes section of *CityView* RMS for the property.