

◆ CITY OF OAK FOREST ◆  
**RESIDENTIAL ROOFING**  
**MINIMUM GENERAL REQUIREMENTS**

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### **RECOVERING VERSUS REPLACEMENT R907.3**

New roof coverings shall not be installed without first removing existing roof coverings where any of the following conditions occur:

1. Where the existing roof has two or more applications of any type of roof covering.
2. Where the existing roof or roof covering is water – soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for additional roofing.
3. Where the existing roof is wood shake, slate, clay, cement, or asbestos – cement tile.
4. For asphalt shingles, where roof shingles have moderate to severe hail damage.

#### **ROOF SHEATHING R803.2**

IF sheathing replacement is required, minimum 1/2" CDX plywood or equivalent shall be applied directly to studs spaced no more than 24" on center. Panels shall be installed with the face grain perpendicular to the studs.

#### **UNDERLAYMENT R905.2.7.1**

Unless otherwise noted, required underlayment shall conform to ASTM D 225 or D 3462. Type I or ASTM D 6757.

#### **ICE BARRIER REQUIRED R905.2.7.1**

At least two layers of underlayment cemented together or a self-adhering polymer modified bitumen sheet, shall be used in lieu of normal underlayment and extend from the lowest edges of all roof surfaces to a point at least 24" inside the exterior wall line of the building.

#### **ASPHALT SHINGLES R905.2.4**

Asphalt shingles shall have self-seal strips or be interlocking and comply with ASTM D 225 or D 3462.

#### **FASTENERS R905.2.5**

Fasteners for asphalt shingles shall be galvanized steel, stainless steel, aluminum or copper roofing nails, minimum 12 gage shank with a minimum 3/8 inch diameter head of a length to penetrate through the roofing materials and a minimum of 3/4 inch into the roof sheathing.

#### **SHINGLE ATTACHMENT R905.2.6**

Shingles shall have the minimum number of fasteners required by the manufacturer. For normal application, asphalt shingles shall be secured to the roof with not less than four fasteners per strip shingle or two fasteners per individual shingle.

#### **FLASHING R905.2.8**

Flashing required at valleys, side walls, roof penetrations, chimney, vent pipes, crickets and saddles. Flashing shall be applied according to shingle manufacturer's instructions.