

McKenna Place Shingle Roof Specification

1.0 Location: 436 3rd. Ave Burns Lake BC

1.1 Description of Work

The work performed under this contract consists of shingle roof replacement and repair work as specified herein.

The existing roof system consists of:

Deck: Plywood deck 1/2" **4/12 slope on main**
3/12 Slope on car ports

Shingle+ underlay Interlocking shingle, one ply No 15 over entire deck, Ice and water shield on the perimeter + drip edge flashing

Flashings: Galvanized 26 gauge.

1.2 Demolition

Remove all components to the wood deck. Sweep clean all fines and debris. Retain drip edge flashing.

NOTE : Rotten deck replacement will be extra (cost +10%). Roofing Inspector/Consultant to be notified prior to any deck replacement or repair.

1.3 Roof surface/Valley Membrane/Eve Protection

In common saddle areas install lasto bond and new metal saddle.

Install lastobond 240 peel & stick membrane to the entire deck area of garage.

Nail in place until the shingles are applied. To the Eave area of main roof area install lastobond 240.

Apply on the roof deck, extending from the edge of the roof a distance of (3 feet) up the roof slope to a line not less than (12 inches) inside the inner face of the exterior wall. (44" roll typical)

Over the remainder of the main roof area install Deck Armour shingle underlayment as per manufacturers instructions.

Lap side joints to the manufacturers specifications and end joints 4" minimum. Stagger end joints 3 feet minimum.

1.6 Installation - Roofing Shingles

Over membrane, install 40 year shingles as specified herein:

First course of shingles applied with tab side facing up the slope. Over hang the shingles on the fascia 1" to 1.5". All shingles shall be applied with the maximum exposure recommended by the manufacturer. Stagger shingles as per manufacturers instructions. Each shingle shall be sealed with an manufacturers accepted asphalt sealing strip. **6 nails per shingle as per manufacturer installation instructions.**

Closed cut Valley The first course of shingles is laid along the eaves of one roof area up to and over the valley, extending it along the adjoining roof section for a distance of at least (12 inches).

Follow the same procedure when applying succeeding courses of shingles on this roof area. Make sure that the shingles are pressed tightly into the valley and nailed in the normal manner except that no nail is to be located closer than (6 inches) to the valley centre line and that two nails are to be located as shown at the end of each terminal strip.

Then apply the first course of shingles along the eaves of the intersecting roof area , extending it over previously applied shingles and parallel to the centre line of the valley. Cut and trim all points of valley shingles to prevent water from penetrating between the courses.

Ridge capping must be of the same manufacturer as the shingles and must be installed to provide double coverage.(three tab for ridge material) **No exposed nails permitted.**

Install a strip of Ice and water shield over the peak ridge vent prior to ridge capping.

1.7 Metal Flashing

Install new 8 or 9 inch Ridge venting. Supply and install new Perimeter drip-edge flashing (26 Gauge) to match closely shingle colour. Install new AF-50S where necessary. Install new B-vent chimney tall cone flashing and storm collar (larger tall cone flashings may be reused if sound).

Install new goose neck vents flashing. Install new apron, saddle, step or back-pan flashing as required (26 gauge). All flashing shall be done in a quality workmanship manner and to RCABC standards.

Step flashing is to be installed over the end of each course of shingles at all vertical intersections. Where applicable.

1.8 Plumbing Vent Flashing

Neophrene flashing

NOTE: All work must comply with W.C.B. safety standards.