



Proposal

Date: August 15, 2014
To: Charlotte Library
From: Bryan Bergeron
Re: Insulation/Roof Work
Job Location: 115 Ferry Road
Charlotte VT

Lead Contractor: Building Energy

Roofing Sub-contractor: All American Roofing

1. After the shingles have been stripped from the roof, pull the plywood on the west facing main roof and dormers. Save the plywood to put back down, pull the fiberglass insulation and proper venting and dispose of. Access the gable end walls of the knee wall, remove the fiberglass insulation and apply 5 inches of closed cell foam. Apply 7.5 inches of closed cell foam to the backside of the foam board attached to the ceiling and reapply the plywood to the rafters.
2. After the shingles have been stripped from the roof, pull the plywood on the east facing main roof and dormers. Save the plywood to put back down, pull the fiberglass insulation and proper venting and dispose of. Access the gable end walls of the knee wall, remove the fiberglass insulation and apply 5 inches of closed cell foam. Apply 7.5 inches of closed cell foam to the backside of the foam board attached to the ceiling and reapply the plywood to the rafters.
3. After the shingles have been stripped from the roof, remove the plywood on the front entry dormer and save the plywood to put back down. Pull the fiberglass insulation and proper venting in the upper section and dispose of. Access the gable end walls of the knee walls, remove the fiberglass insulation and apply 5 inches of closed cell foam. At the front entry overhang, remove the plywood from the floor, pull the fiberglass insulation and apply 7 inches of closed cell foam to the entry overhang effectively sealing the exterior wall lines to the plywood floor. In the open over built rafter area install cardboard baffles for ventilation and apply 7.5 inches of closed cell foam to the underside of the cardboard baffles and reapply the plywood to the rafters. Make sure that the foam insulation of the main roof valley area and the overbuilt roof are connected and sealed properly.
4. Adult reading section bay roof area: After the shingles have been stripped from the roof, remove the plywood and save to put back down. Pull the fiberglass insulation and proper venting and dispose of. Apply 7.5 inches of closed cell foam to the backside of the foam board attached to the ceiling and reapply the plywood to the rafters.

Building Solutions For A Sustainable Future

1570 South Brownell Rd., Williston, VT 05495 Tel. 802-859-3384 Fax. 802-658-3982

5. Children's Bay window area: After the shingles have been stripped from the roof, remove the plywood and save to put back down. Pull the fiberglass insulation that is installed on the ceiling of the bay window area and dispose of. Apply 7.5 inches of closed cell foam to the backside of the foam board attached to the ceiling and reapply the plywood to the rafters.
6. Roof Replacement: Remove and dispose of the existing asphalt shingles. Apply Certainteed Ice and Water shield to all valley's, low slope sections (entire dormers and porch roof area), along all eaves and any roof penetrations. Install new 8" 26 gauge painted steel drip edge to all eaves and rakes. Install w shaped 26 gauge valley metal to all valleys. Dry the rest of the roof area in using Certainteed Diamond Deck Synthetic Underlayment. Install New Landmark AR Lifetime Architectural Shingles (color to be selected by owner) to the roof surface. Install a shingle capped ridge vent to the main roof and entry dormer sections.
7. As an Option add doing the entire porch roof, dormers and 30" of the perimeter eave line with 26 gauge standing seam.
8. As an option add doing the entire roof surface with 26 gauge standing seam.

Cost for items 1-5	\$51,385
Cost for Item 6	\$27,000
Cost for option 7	\$6,760
Cost for option 8	\$55,100
Cost for Intumescent 777 square feet	\$2330