

Rachel Carson Homestead re-roof
Scope of Work
May 8 , 2018

1. Six areas of roof to be re-roofed
 - a. Approximately 1365 ft² total area of new roof
 - b. Roof Area 1
 - i. South side of older portion of house
 - ii. Approximate area - 293 ft²
 1. Remove existing asphalt shingles
 2. Remove existing tar paper underlayment
 3. Repair any damaged or rotted wooden slats
 - a. Assume 5% of wood area needs to be repaired
 4. Install new waterproof underlayment
 - a. Carlisle WIP 100 or equivalent
 5. Install new standing seam metal roof
 - a. 24-gauge steel with galvalume substrate
 - b. Kynar 500 PVDF, or equivalent, coating - Evergreen Color
 - c. 12-inch panels
 - d. Clip fasteners
 6. Install flashing around roof penetrations
 - c. Roof Area 2
 - i. North side of older portion of house
 - ii. Approximate area - 293 ft²
 1. Remove existing asphalt shingles
 2. Remove existing tar paper underlayment
 3. Repair any damaged or rotted wooden slats
 - a. Assume 5% of wood area needs to be repaired
 4. Install new waterproof underlayment
 - a. Carlisle WIP 100 or equivalent
 5. Install new standing seam metal roof
 - a. 24-gauge steel with galvalume substrate
 - b. Kynar 500 PVDF, or equivalent, coating - Evergreen Color
 - c. 12-inch panels
 - d. Clip fasteners
 6. Install flashings around roof penetrations
 - d. Roof Area 3
 - i. North side roof above gift shop (newer) portion of house
 - ii. Approximate area - 150 ft²
 1. Remove existing asphalt shingles
 2. Remove existing tar paper underlayment
 3. Repair any damaged or rotted wooden slats
 - a. Assume 5% of wood area needs to be repaired
 4. Install new waterproof underlayment
 - a. Carlisle WIP 100 or equivalent
 5. Install new standing seam metal roof
 - a. 24-gauge steel with galvalume substrate

- b. Kynar 500 PVDF, or equivalent, coating - Evergreen Color
 - c. 12-inch panels
 - d. Clip fasteners
 - 6. Install flashings around roof penetrations
- e. Roof Area 4
 - i. North side of newer portion of house above display room
 - ii. Approximate area - 250 ft²
 - 1. This area of roof does not contain asphalt shingles
 - a. This area of the roof is flatter than the other areas although not considered a flat roof
 - b. This area of roof will get adequate drainage
 - 2. This area of roof will not require and removal of materials
 - 3. This area of roof will not require any repair of damaged or rotted substrate
 - 4. Install new waterproof underlayment
 - a. Carlisle WIP 100 or equivalent
 - 5. Install new standing seam metal roof
 - a. 24-gauge steel with galvalume substrate
 - b. Kynar 500 PVDF, or equivalent, coating - Evergreen Color
 - c. 12-inch panels
 - d. Clip fasteners
 - 6. Install flashings around roof penetrations
- f. Roof Area 5
 - i. North side of newer addition of house
 - ii. Approximate area - 224 ft²
 - 1. Remove existing asphalt shingles
 - 2. Remove existing tar paper underlayment
 - 3. Repair any damaged or rotted wooden slats
 - 4. Install new waterproof underlayment
 - a. Carlisle WIP 100 or equivalent
 - 5. Install new standing seam metal roof
 - a. 24-gauge steel with galvalume substrate
 - b. Kynar 500 PVDF, or equivalent, coating - Evergreen Color
 - c. 12-inch panels
 - d. Clip fasteners
 - 6. Install flashings around roof penetrations
- g. Roof Area 6
 - i. South side of newer addition of house
 - ii. Approximate area - 160 ft²
 - 1. Remove existing asphalt shingles
 - 2. Remove existing tar paper underlayment
 - 3. Repair any damaged or rotted wooden slats
 - 4. Install new waterproof underlayment
 - a. Carlisle WIP 100 or equivalent
 - 5. Install new standing seam metal roof
 - a. 24-gauge steel with galvalume substrate
 - b. Kynar 500 PVDF, or equivalent, coating - Evergreen Color
 - c. 12-inch panels
 - d. Clip fasteners

6. Install flashings around roof penetrations
 - h. Please note that Roof areas 1 and 2 will require a ridge vent at the ridge line between the two areas
 - i. Please note that Roof areas 5 and 6 will require a ridge vent at the ridge line between the two areas
 - j. Please note that a slope transition is required between roof Area 2 and roof Area 4
2. Existing gutters and downspouts to remain
 - a. Gutters may be removed and reattached if necessary
3. Install triangle type roof/snow guards where appropriate
4. Protect in place any roof penetrations
5. Protect, as much as possible, any bushes/trees/plants/shrubs in the immediate vicinity around the house.
6. Project labor will be Prevailing Wage
7. Perform daily clean-up of work areas. All debris must be disposed of in a legally acceptable manner.
8. Provide location(s) for laydown and/or work areas that may be required
 - a. Dumpsters
 - b. Metal cutting
9. Provide lump sum proposed cost for all areas together
10. Attached photos for illustration purposes only
 - a. Contractor to field verify all measurements and dimensions
11. Contractor shall have a valid current State of Pennsylvania Contractor License
12. Contractor shall have a minimum of 5 years installing standing seam steel roofs.
13. Roofing Warranties will be provided

Rachel Carson Homestead Rear Oblique View

4 areas of roof visible in this view; Roof areas 2, 3, 4 and 5



- General Description of Work
(please refer to Scope of Work for details)
- Remove existing asphalt shingles
 - Remove existing tar paper underlayment
 - Repair any damaged or rotted wooden slats
 - Install new waterproof underlayment
 - Install new standing seam steel roof
 - Install flashings around roof penetrations

Rachel Carson Homestead Inside underneath roof

Please note condition of wood slat roof sheathing



Rachel Carson Homestead Inside underneath roof

Please note condition of wood slat roof sheathing

