

MICAH SANGUEDOLCE



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11/21/24

To whom it may concern,

In my 10 years of working with slate roofs (well over 500 roofs), I have come across 3 buildings with this Diamond Pattern, also known as French Lap, or to the laymen as the cheap or economical pattern. This pattern was only put on barns as a way to save money but it came at the expense of longevity, and keeping rains out. Without proper headlap, winds can blow water in-between every joint and could lead to failure of the entire roof system. The barn roof at 7921 Williston Rd, was done with this pattern using only a 2" headlap. Needless to say, the roof has been leaking for a long time. When I see this method used I recommend replacing the entire roof using the standard pattern 3" headlap.

From http://www.stoneroof.org.uk/historic/Historic_Roofs/Slate_lapping.html:

"Diamond pattern is a single lap system although it is best envisaged as double lap but where all four corners of the slates have been removed so that along each of the diagonal edges there is only a single lap. The slates or stones are actually hexagonal."



The reason this pattern saved money is you could cover the same area of roof with half as many slates. Through the years this pattern has slowly vanished due to its short-comings.

The method used on all the other buildings with a Slate Roof at 7921 Williston Rd, is the standard pattern for the industry. This pattern is time tested and can be seen on most historical buildings in our region.

Thank you and if you need further information please email me,
-Micah Sanguedolce

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Education

Graduated Inter-Lakes High School class of 2002
Graduated Saint Michaels College class of 2006
Attended multiple Ladder, Lift, and worker Safety courses (2006-2020)
Attended multiple OSHA safety courses (2006-2020)

Work Experience

2006-2014: IATSE Local #919 - Journeymen Stagehand at Flynn Theatre.

2014-2022: Stewardship Slate LLC - Apprentice 2 years, Slate Technician 3 years, Foreman 3 years.

- Learned the trade, and once foreman began training new employees, overseeing complete projects etc...
- Worked on many buildings in the historical registries of Burlington, Essex, Underhill, Jericho, Richmond, Shelburne, Grande Isle and Charlotte.

2021-Present: Self-Employed Slate Technician.

Notable Projects:

- The Barns at Lang Farm Slate Roof Restoration 51 Upper Main St Essex, VT.
- Church Slate Roof Restoration 56 Main St Essex, VT.
- Henry M. Fields Barn Slate Roof Restoration 73 Rt. 15 Jericho, VT