

Richard B Bray
1116 South Street
Rapid City, SD 57701

January 4, 2014

Rapid City Mayor and City Council
300 6th Street
Rapid City, SD 57701

RE: 1116 South Street Historic Review and Roof Permit Application

Dear Mayor and Council Members:

The following is a request, with supporting documentation and justification, to replace the current, damaged asphalt roofing of my home at 1116 South Street with metal roofing.

On December 6, 2013 this request was brought to the Rapid City Historic Preservation Commission, then to the State Review and received a no vote. My understanding is that I may now appeal this decision to the Rapid City Council.

My home was built in 1884 and has been my residence since July of '09. Since moving in I have had the house painted twice, due primarily to hail damage. The roof has also been damaged by hail and at this time I would like to replace it with metal roofing as metal would better preserve this home from our frequent hail storms.

The justifications are as follows:

- 1) The roof has been damaged by hail and needs to be replaced to preserve the home.
- 2) We believe the original roofing in 1884 was wood shingles. The other available choice at that time would have been metal (asphalt not having yet been discovered). The house I left to move to this South Street house was built in 1890 and still has its original 1890 metal roof. The roof is still in good condition today despite 123 years of hail, rain and wind. This is a testament to both history and durability.

- 3) The metal to be used would be substantially more protective against hail damage than asphalt roofing.
- 4) The steel "PRO-RIB Multi-Tone" roofing would be of a color and texture that would blend with other contributing structures in the area that are on the Historic Register.
- 5) There are currently three other properties within one block of 1116 South Street with metal roofs.
- 6) Cost saving is not our objective in choosing steel roofing. We believe it will better preserve this historic home and will more accurately reflect its time of construction.

Below is some material cost comparisons based on 26 squares of shingles - labor costs not included.

35 Year asphalt shingles: \$2805.66

PRO-RIB Multi-Tone Steel: \$3588.75

50 Year asphalt shingles \$6388.70

We would like to proceed with this repair as soon as a permit is available.

Thank you for your consideration,

Sincerely yours,

Richard Bray

PS:

Significant Environmental Considerations:

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PS:

SIGNIFICANT ENVIRONMENTAL CONSIDERATIONS OF A METAL ROOF

1. Metal roofing made from recycled material
2. Low weight allows installation over existing shingles
3. Landfill disposal of old shingles is unnecessary
4. Further relieves landfill as metal roofing lasts 100 years
5. Even further relieves landfill - if ever removed is 100% recyclable
6. Low weight of metal roof can extend building life
7. Reduces attic temperatures by up to 34%
8. Cuts energy costs by up to 20%
9. Minimal carbon footprint - unlike asphalt
10. Metal roofing has virtually zero out-gassing
11. A metal roof was common in the 1800's and resurging today