



mechanical
electrical
plumbing
fire protection
structural

March 1, 2011

Rustique Enterprises, Inc.

Re : Manufactured Housing Skirt Insulation Analysis

To whom it may concern:

Our engineering company has completed an annual energy cost analysis for a typical 16 foot by 80 foot manufactured home with and without Rustique's insulated skirt. We have determined the following:

Compared to a standard 16 foot by 80 foot manufactured home with standard floor insulation the addition of an insulated skirt provides the following attributes:

Rustique's Type 1 Skirt Insulation will more than double the insulating value of the floor compared to a non-skirted home. And for a typical St. Paul, MN location will save approximately 17.1% on the homes annual energy cost.

Sincerely,

PROFESSIONAL ENGINEER

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Print Name: DARRELL CASE

Signature: *Darrell Case*

Date 3/1/11 **License #** 26003

Darrell Case,
President, Professional Engineer