

## Package Industries, Inc

15 Harback Road Sutton, MA 01590 TEL:(508) 865-5871 FAX:(508) 865-9130 Email: sales@pkgmail.com

Letter of Certification (Page 1 of 2)

Biskup Construction Inc Customer:

Windham, ME 04062 16 Danielle Drive

> Project: Handyman Rental

Project ID: 0409-072 Date: 10/12/2004

Portland, ME 04103

25.0	14.08	N/A	1.0	14.08	12.0	80.0	25.0 80.0
(ft.)	(ft.)	(:12)	(:12)	(ft.)	(II.) (II.)	(£)	`
t Ridge Offset	Peak Height	Right Pitch	Left Pitch	Right Eave	Left Eave	Length	Width

Organizations and/or Specifications. Industries, Inc.'s standard design practices and established pertinent procedures and recommendations of the following This is to certify the above referenced building and its components have been designed in accordance with Package

American Welding Society Structural Welding Code(AWS D1.1)
American Society for Testing and Materials (ASTM) American Institute of Steel Construction AISC 89

Metal Building Manufacturers Association(MBMA)
AISC Category MB Manufacturers Certification American Iron and Steel Institute AISI 96

Design Data

Building Code: IBC 03

Building Classification Category: Standard

Building End Use: Business

Seismic Loads

## Snow Loads

Ground Snow (Pg): 60.0 psf

Snow Exposure Factor (Ce): 1.0 Snow Thermal Factor (Ct): 1.2

> Seismic Importance (Ie): 1.0 Seismic Hazard Group: I

Snow Importance Factor (Is): 1.0

Flat Roof Snow (Pf): 50.4 psf

Sloped Roof Factor (Cs): 1.0

Sloped Roof Snow (Ps): 50.4 psf Design Roof Snow: 50.4 psf

% Snow Used in Seismic : 20

Roof Dead, Collateral & Live Loads

Dead Load: 3.0 psf

Collateral Load: 3.0 psf

Live Load: 20 psf

Live Load Reduction Taken:

Wind Loads

Basic Wind Speed (3-second gust): 94 mph

Wind Exposure

Wind Directionality Factor (Kd): 0.85

Wind Topographic Factor (Kzt): 1.0

Building Enclosure: c - closed

Importance (Iw): 1.00

Reference Wind Pressure (Pv): 22.6 psf

Internal Pressure Coeff. (GCpi): +-0.18

Deflection Amplification (OCBF),Cd: 4.5 Deflection Amplification (OMF),Cd: 3.0 Seismic Response Coefficent (OCBF), Cs: 0.066 Seismic Response Coefficent (OMF),Cs: 0.110

Response Modification (OCBF),R: 5.0

Response Modification (OMF),R: 3.0

Design Spectral Response (Sd<sub>1</sub>): 0.125 Design Spectral Response (Sds): 0.329 1.0 Sec Spectral Response (S<sub>1</sub>): 0.078 0.2 Sec Spectral Response (Ss): 0.32

Seismic Design Category: B

Soil Profile: D

Design Base Shear (V) = Cs \* W

Analysis Procedure: 1617.4

Auxilary Load(s)

None

 $C^{-\frac{1}{2}}$ 



## Package Industries, Inc.

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Letter of Certification (Page 2 of 2)

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Project:

Handyman Rental

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the following fabricators: Additional Structural Material may be fabricated and provided for use in a Package Industries, Inc. building by any of

Panels and Trims:

MBCI/NCI Building Components

MBCINCI Building Components MBCINCI Building Components

Barjoist and Decking:

SMI Joist Company Canam Steel Corp.
Canam Steel Corp. Vulcraft Div., Nucor Corp. John W. Hancock, Jr., Inc.

Rome, NY Richmond, VA Atlanta, GA

Point of Rocks, MD

Salem, VA St. Joe, IN Columbus, OH

Hope, Arkansas

This Letter of Certification applies solely to the building and its component parts as furnished by Package Industries, Inc., and specifically excludes any foundation, masonry, general contract work, materials or components not furnished by Package Industries, Inc., or any unauthorized modifications to framing systems furnished by Package Industries, Inc., Inspections and/or erection certifications are not by Package Industries, Inc.

The Design and Certification for this project is in accord with the provisions and loads specified in the Order Documentation. The buyer is responsible for verifying that the specified loads above are in compliance with the local regulatory authorities.

Sincerely,

DEAN R.

Mantelli

P.E.

DEAN R.

MANTELLI

MO. 10220

P.E.

OSTER