



Letter of Certification

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Letter of Certification

Contact: Bill Rudman or Jason Gardner
 Name: PATCO Construction Inc
 Address:

Project: International Car Parts
 Builder PO #: 2735
 Jobsite: 176 Riverside Industrial Parkway

City, State: Sanford, Maine 04073
 Country: United States

City, State: Portland, Maine 04104
 County, Country: Cumberland, United States

This is to certify that the above referenced VP BUILDINGS project has been designed for the applicable portions of the following Building Code and in accordance with the order documents which have stipulated the following applied environmental loads and conditions:

Overall Building Description

Shape	Overall Width	Overall Length	Floor Area (sq. ft.)	Wall Area (sq. ft.)	Roof Area (sq. ft.)	Max. Eave Height	Min. Eave Height 2	Max. Roof Pitch	Min. Roof Pitch	Peak Height
ICP	70/0/0	87/0/0	6090	6568	6111	23/10/0	18/0/0	1.000:12		

Loads and Codes - Shape: ICP

City: Portland County: Cumberland
 Building Code: 2003 International Building Code
 Building Use: Standard Occupancy Structure

State: Maine
 Built Up: 89AISC
 Cold Form: 04AISI

Country: United States
 Rainfall: 4.00 inches per hour

Dead and Collateral Loads

Collateral Gravity: 3.00 psf
 Collateral Uplift: 0.00 psf

Roof Covering + Second. Dead Load: 2.03 psf
 Frame Weight (assumed for seismic): 2.50 psf

Live Load

Live Load: 20.00 psf Not Reducible

Wind Load

Wind Speed: 100.00 mph
 Wind Exposure (Factor): B (0.701)
 Parts Wind Exposure Factor: 0.701

Wind Enclosure: Enclosed
 Wind Importance Factor: 1.000
 Topographic Factor: 1.0000

NOT Windborne Debris Region
 Base Elevation: 0/0/0
 Primary Zone Strip Width: 14/0/0
 Parts / Portions Zone Strip Width: 7/0/0
 Basic Wind Pressure: 15.24 psf

Snow Load

Ground Snow Load: 70.00 psf
 Design Snow (Sloped): 44.10 psf
 Snow Exposure Category (Factor): 1 Fully Exposed (0.90)
 Snow Importance: 1.000
 Thermal Category (Factor): Heated (1.00)
 Ground / Roof Conversion: 0.70
 % Snow Used in Seismic: 20.00
 Seismic Snow Load: 8.82 psf
 Unobstructed, Slippery Roof

Seismic Load

Mapped Spectral Response - Ss: 40.00 %g
 Mapped Spectral Response - S1: 10.00 %g
 Seismic Hazard / Use Group: Group 1
 Seismic Importance: 1.000
 Seismic Performance / Design Category: C
 System NOT detailed for Seismic
 Framing Seismic Period: 0.3188
 Bracing Seismic Period: 0.1956
 Framing R-Factor: 3.0000
 Bracing R-Factor: 3.0000
 Soil Profile Type: Stiff soil (D, 4)
 Frame Redundancy Factor: 1.0000
 Brace Redundancy Factor: 1.0000
 Frame Seismic Factor (Cs): 0.1316 x W
 Brace Seismic Factor (Cs): 0.1316 x W

Per Article 2.9 in the Builder Agreement, VP Buildings assumes that the Builder has called the local Building Official or Project Engineer to obtain all code and loading information for this specific building site.

The steel design is in accordance with VP BUILDINGS standard design practices, which have been established based upon pertinent procedures and recommendations of the following organizations:

- American Institute of Steel Construction (AISC)
- American Iron and Steel Institute (AISI)
- American Welding Society (AWS)
- American Society for Testing and Materials (ASTM)
- Canadian Standards Association
- CSA W59-Welded Steel Construction
- Limit State Design of Steel Structures
- Metal Building Manufacturers Association (MBMA)
- VP Buildings is certified by:
 - AISC-MB Certified (Design and Manufacturing)
 - CSA A660 Certified (Design and Manufacturing)
 - IAS Approved Fabricator
 - Canadian Welding Bureau Div. 1 Certified



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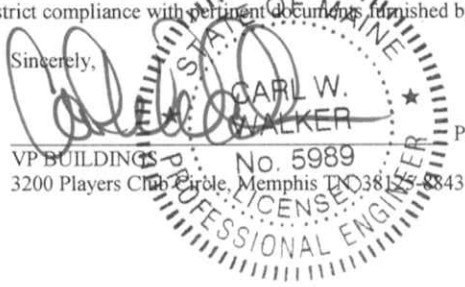
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VP Buildings has designed the structural steel components of this building in accordance with the Building Code, Steel Specifications, and Standards indicated above. Steel components are designed utilizing the following steel grades unless noted otherwise:

- 3 Plate members fabricated from plate, bar, strip steel or sheets
 - ASTM A529, A572, A1011 - All Grade 55 ksi
- Hot Rolled Shapes (W, S, C, Angles, etc)
 - ASTM A36, or ASTM A36Mod50, A529, A572, A588, A709, A992-All Grade 50 ksi
- Tube and Pipe Sections ASTM A500, Grade B (Fy - 42 ksi pipe, Fy - 46 ksi tube)
- Light Gage Sections ASTM A1011 SS Grade 55 ksi, A653 SS Grade 55 ksi
- Round Rod Bracing ASTM A572 Grade 65 ksi

This certification DOES NOT apply to the design of the foundation or other on-site structures or components not supplied by VP BUILDINGS, nor does it apply to unauthorized modifications to framing systems provided by VP BUILDINGS. Furthermore, it is understood that certification is based upon the premise that all components furnished by VP BUILDINGS will be erected or constructed in strict compliance with pertinent documents furnished by VP BUILDINGS.

Sincerely,



P.E. Prepared by: AMJ Reviewed by: _____

VP BUILDINGS
3200 Players Circle, Memphis TN 38117-8843