



Essex Structural Steel Co., Inc.

Penn Yan Manufacturing

607 Route 13
Cortland, NY 13045
(800) 323-7739 (607) 753-9384
Fax: (607) 753-6272

CONDITIONALLY APPROVED

REVIEW BY:

SAFEbuilt®

APPROVED THIRD PARTY PLAN REVIEW AGENCY
BY THE CITY OF PORTLAND, MAINE.

SEE REVIEW LETTER FOR MORE INFORMATION.

02/20/2019

IRISHSPAN INDUSTRIES, INC.
P.O. BOX 411
WEST KENNEBUNK, MAINE 04094

RE: S-1867-A
100 WEST COMMERCIAL STREET
PORTLAND YACHT STORAGE BUILDING
PORTLAND, MAINE 04101

The pre-engineered steel building for the above referenced project was designed and will be fabricated in accordance with the order documents and in general accordance with the latest procedures and design criteria of the following specifications.

1. AISC: Specification for the Design of Structural Steel for Buildings/ 13TH Ed.
2. AISI: Specification for Design of Cold Formed Steel Structural Members/ 2006 Ed.
3. MBMA: Low Rise Building Systems Manual/ 2006 Ed.
4. AWS: American Welding Standards D1.1/ 2006 Ed.



Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions

02/21/2019

Building Code:	IBC-2015
Roof Live Load:	20.0 psf
Ground Snow Load:	60.0 psf
Unbalanced, Uniform, Leeward:	63.0 psf
Unbalanced, Uniform, Windward:	12.6 psf
Roof Snow Load:	42.0 psf
Roof Snow + Drift(frame line 6/7)	119.0 psf
Frame Dead Load:	5.00 psf
Roof Collateral Load:	10.0 psf
Wind Load:	118 mph
Wind Pressure:	30.30 psf
Soil Classification:	E-Soil
Seismic Design Category:	"C"
Load Combinations:	Per IBC-2015
Importance Factor:	Snow = 1.0; Wind = 1.0; Seismic = 1.0
Thermal Factor:	1.0 (Enclosed, Heated Building)

Certification by Engineer

I ERIK WATSON, a licensed engineer in the State of Maine, certify that I have reviewed the design criteria for the steel building system described above and to the best of my knowledge all components have been designed to meet the applicable criteria as specified in the Order Documents.

02/20/2019

Engineer's signature
PE

Date

SEAL



02/20/2019