



**ESSEX STRUCTURAL STEEL CO., INC.**  
**607 ROUTE 13**  
**CORTLAND, NEW YORK 13045**

**PROJECT: S-1468**  
**CANAL LANDING**  
**100 WEST COMMERCIAL STREET**  
**PORTLAND, MAINE 04101**

**CONTRACTOR:**  
**IRISHSPAN INDUSTRIES**

DESCRIPTION

(1) TAPERED COLUMN MOD 2 GABLE BUILDING  
WIDTH: 160'-0", LENGTH: 150'-0", HEIGHT: 31'-6"  
PITCH: 3.625/12

(1) TAPERED COLUMN GABLE BUILDING  
WIDTH: 144'-0", LENGTH: 30'-0", HEIGHT: 24'-0"  
PITCH: 5 / 12 , FULLY EXPOSED , HEATED BLDG.S  
(BUILDING DIMENSIONS ARE NOMINAL. REFER TO PLANS)

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS  
INDICATED AND APPLIED AS REQUIRED BY :  
I.B.C.-2009

CONFIRM THAT THESE LOADS COMPLY WITH THE  
REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT

BUILDING LOADS

TERRAIN: C

BUILDING CATEGORY: 2 - ALL OTHERS

EXPOSURE: FULLY EXPOSED

SEISMIC DESIGN CATEGORY: B

WIND IMPORTANCE: 1.00

SNOW IMPORTANCE: 1.00

SEISMIC IMPORTANCE: 1.00

LIVE FRAMES: 12.0 PSF

LIVE PURLINS: 20.0 PSF

WIND SPEED: 115.0 MPH

WIND PRESSURE: 28.78 PSF

GROUND SNOW: 60.0 PSF

ROOF SNOW: 42.0 PSF

SNOW DRIFT LOAD: 111.13 PSF (ON 144' X 30' X 24' BLDG ONLY)

COLLATERAL DEAD: 5.0 PSF

FRAME LOADS:

DEAD : 3.0 PSF COLL DEAD: 5.0 PSF

