Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 10/03/14

ESSEX

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

STATE OF MAINE
STEPHEN JON REIFENBERG
NO. 4763
LICENSED
PROFESSIONAL ENGINEER

Stephen J Reifenberg
9/17/14