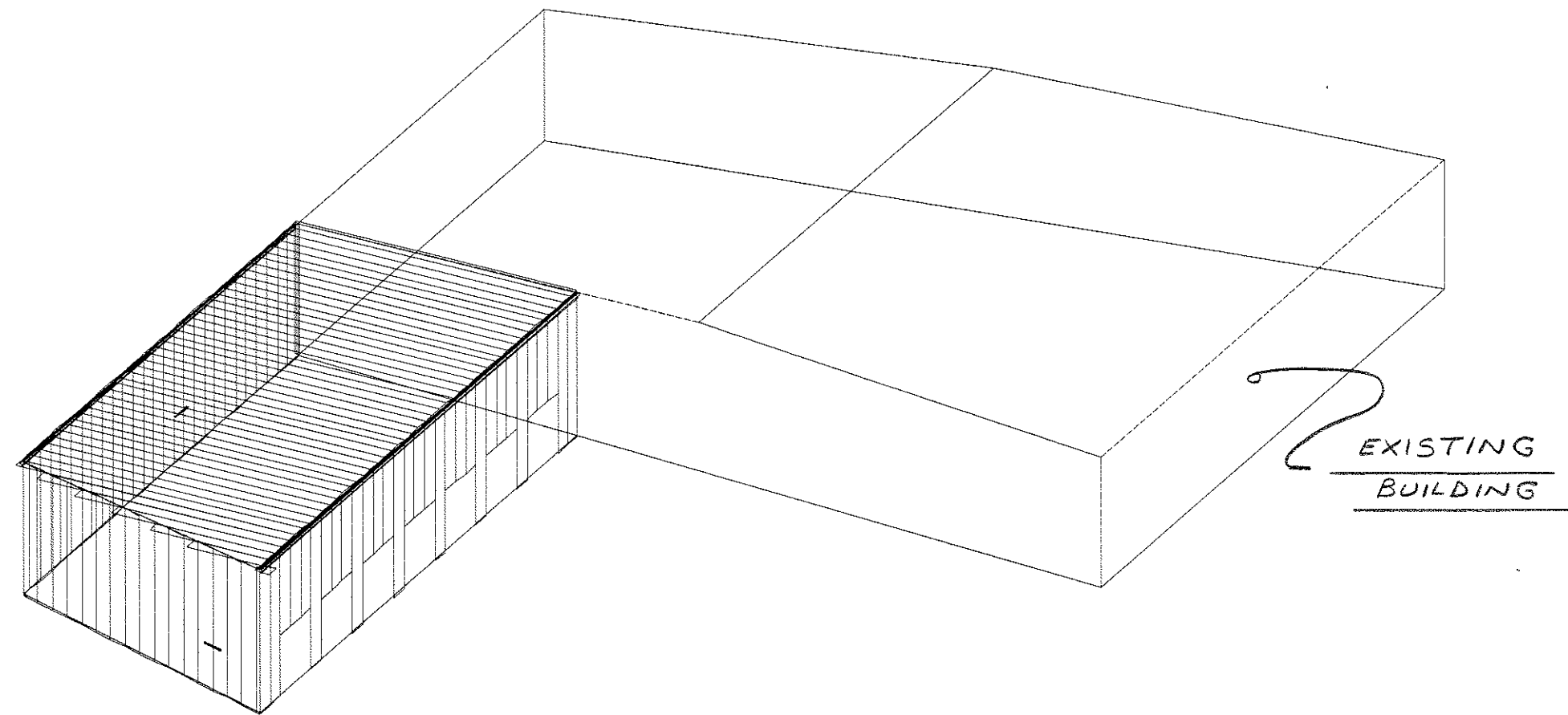
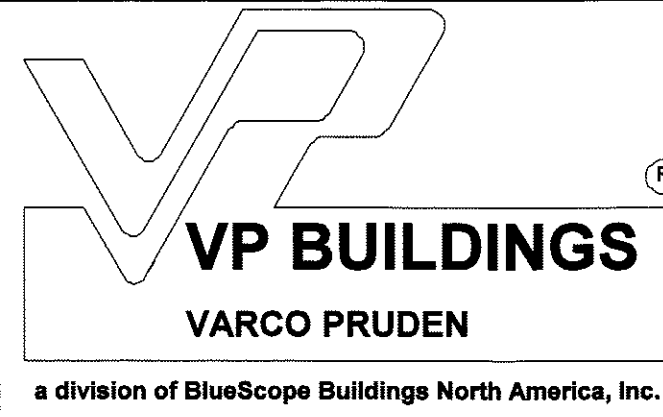


DRAWING INDEX	
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Primary Structural	5-10
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Covering	15-18
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Standard Erection Details	19-25
Planograph Details	

DRAWING RELEASE HISTORY			
TYPE	DATE	DESCRIPTION	
ANCHOR ROD PLAN AND DETAILS 1 THRU 4	3-14-13	FOR CONSTRUCTION	
PERMIT DRAWINGS 1 THRU 25	3-14-13	FOR PERMIT ONLY	



VP Buildings 3200 Players Club Circle Memphis TN 38125

GENERAL NOTES

MATERIALS

3 PLATE WELDED SECTIONS
COLD FORMED LIGHT GAGE SHAPES
BRACE RODS
HOT ROLLED MILL SHAPES
HOT ROLLED ANGLES
HOLLOW STRUCTURAL SECTION (HSS)
CLADDING

ASTM DESIGNATION

A529, A572, A1011, A1018
A653, A1011
A572, A510
A36, A529, A572, A588, A709, A992
A529, A572, A588, A709, A992
A500
A653, A792

GRADE 55
GRADE 60
GRADE 50
GRADE 36 OR 50
GRADE 50
GRADE B
GRADE 50 OR GRADE 80

A325 & A490 BOLT TIGHTENING REQUIREMENTS

IT IS THE RESPONSIBILITY OF THE ERECTOR TO ENSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPLICABLE REGULATIONS. SEE RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS FOR MORE INFORMATION. SEE ERECTION GUIDE FOR BOLT TIGHTENING INSTRUCTIONS. THE FOLLOWING CRITERIA MAY BE USED TO DETERMINE THE BOLT TIGHTNESS (I.E.-SNUG TIGHT OR PRE-TENSION) UNLESS REQUIRED OTHERWISE BY LOCAL JURISDICTION OR CONTACT.

ALL A490 BOLTS SHALL BE "PRE-TENSIONED". A325 BOLTS IN PRIMARY FRAMING AND BRACING CONNECTIONS MAY BE "SNUG-TIGHT" EXCEPT AS FOLLOWS;

PRE-TENSION A325 BOLTS IF BUILDING SUPPORTS A CRANE GREATER THAN 5 TON CAPACITY.

PRE-TENSION A325 BOLTS IF BUILDING SUPPORTS MACHINERY THAT CREATES VIBRATION, IMPACT, OR STRESS REVERSALS ON CONNECTIONS.

PRE-TENSION A325 BOLTS IF LOCATED IN HIGH SEISMIC AREAS. FOR IBC BASED CODES; HIGH SEISMIC IS DESIGN CATEGORY D, E OR F. SEE CODES AND LOADS SECTION BELOW FOR DETAILS.

PRE-TENSION ANY CONNECTION WITH DESIGNATION A325-SC. SLIP CRITICAL (SC) CONNECTIONS MUST BE FREE OF PAINT, OIL, OR OTHER MATERIALS THAT REDUCE FRICTION AT CONTACT SURFACES. GALVANIZED OR LIGHTLY RUSTED SURFACES ARE ACCEPTABLE.

IN CANADA ALL A325 AND A490 BOLTS SHALL BE "PRE-TENSIONED", EXCEPT FOR SECONDARY MEMBERS AND FLANGE BRACES.

SECONDARY MEMBERS AND FLANGE BRACE CONNECTIONS ARE ALWAYS "SNUG TIGHTENED" UNLESS INDICATED OTHERWISE IN ERECTION DRAWING DETAILS.

CODES AND LOADS

WHEN MULTIPLE BUILDINGS ARE INVOLVED, SPECIFIC LOAD FACTORS FOR DIFFERING OCCUPANCIES, BUILDING DIMENSIONS, HEIGHTS, FRAMING SYSTEMS, ROOF SLOPES, ETC., MAY RESULT IN DIFFERENT LOAD APPLICATION FACTORS THAN INDICATED BELOW. SEE CALCULATIONS FOR FURTHER DETAILS. WIND LOADS ARE APPLIED TO OVERALL BUILDING ENVELOPE. COMMON WALLS BETWEEN CONNECTED SHAPES ARE NOT SUBJECT TO EXTERNAL WIND LOADS.

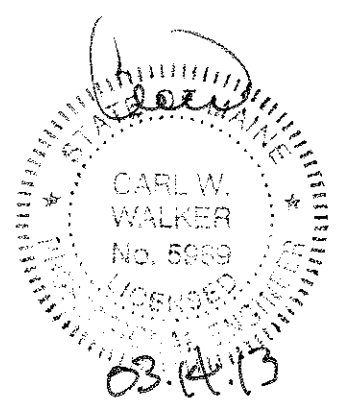
Building Code: 2009 Maine Uniform Bldg & Energy Code
Based on Building Code: 2009 International Building Code
Existing: Building Use: Standard Occupancy Structure, Collateral Gravity: 3.00 psf (Not including bldg wt)
Pack Edge: Building Use: Standard Occupancy Structure, Collateral Gravity: 3.00 psf (Not including bldg wt)
LIVE LOADS AND RAINFALL
Roof Live Load 20.00 psf (Reducible)
Rainfall: 4.00 inches per hour
CONCRETE FOUNDATIONS Compressive Strength (Min.) - fc: 3000 psi

SNOW LOAD
Ground Snow: 60.00 psf, Flat Roof Snow: 37.80 psf, Design Snow (Sloped): 37.80 psf
Snow Exposure Category (Factor): 1 Fully Exposed (0.90)
Snow Importance: 1.000 Thermal Category (Factor): Heated (1.00)

WIND LOAD
The 'Low Rise' Method is Used
Wind Speed: 100.00 mph, Wind Exposure: C
Basic Wind Pressure: 20.02 psf
Wind Importance Factor: 1.000, FT= Topographic Factor: 1.0000
Wind Enclosure: Enclosed, 0.180
Note: All windows, doors, skylights and other covered openings must be designed for the specified above wind loads

EARTHQUAKE DESIGN DATA
Lateral Force Resisting Systems using Equivalent Force Procedure
Mapped Spectral Response - Sa: 31.50 %g, S1: 7.70 %g
Seismic Design Category: B (See Bolt Tightening Note Above)
Seismic Snow Load: 7.56 psf
Seismic Importance: 1.000
Soil Profile Type: Stiff soil (D, 4)
Design Spectral Response - Sds: 0.3251, Sd1: 0.1232

Ordinary Steel Moment Frames
Frame Redundancy Factor: 1.0000
Framing R-Factor: 3.0000, Frame Seismic Factor (Cs): 0.1084, Design Base Shear = 0.1084 W
Ordinary Steel Concentric Braced Frames
Brace Redundancy Factor: 1.0000
Bracing R-Factor: 3.0000, Brace Seismic Factor (Cs): 0.1084, Design Base Shear = 0.1084 W



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COVER SHEET

BUILDER	Patco		JOB #	12-4084
CUSTOMER			DATE	3/14/2013
LOCATION	Portland, Maine		DRAWN / CHECK	COOP DC
PROJECT	Pack Edge		PAGE	1
BUILDERS PC#			VPC VERSION: 2012.3d	

FILENAME: Pack Edge addition BO

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