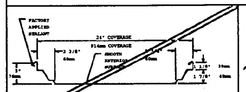
VP BUILDINGS

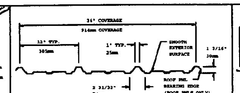
VARCO-PRUDEN

FOR CONSTRUCTION

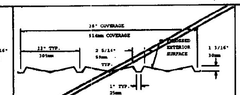
STAMPED PRINT
DATE
DESTROY ALL PREVIOUS COPIES



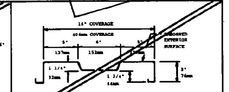
STANDING SEAM ROOF PANELS (SSR)



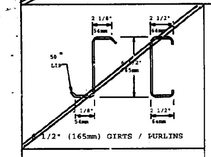
PANEL RIB ROOF & WALL PANELS (PR)



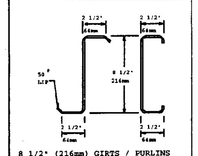
VEE RIB WALL PANELS (VR)



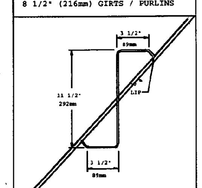
SPAN LOC WALL PANELS (SL)



6 1/2" (165mm) GIRTS / PURLINS



8 1/2" (216mm) GIRTS / PURLINS



11 1/2" (292mm) PURLINS

DRAWING LOG HISTORY

DRAWING NUMBERS	DATE	DESCRIPTION
COVER 1	10/12	AB PLAN
COVER-20	10/24/00	FINAL ERECTION DRAWINGS
COVER, 7, 9, 11, 13	10/27/00	Δ REVISED - CHANGED EAVE GUTTER TO FASCIA
15, 17	"	"

Latest drawings void all previous drawings.

Revision: 2
Revised: 8/17/99

Effective: 3/29/99

QS-FM-03-058

GENERAL NOTES

1. MATERIALS

	ASTM DESIGNATION	
STRUCTURAL STEEL PLATE	A529 OR A572 OR A570 OR A607	GRADE 50
COLD FORMED LIGHT GAGE SHAPES	A570 OR A607	GRADE 55
BRACE RODS	A572	GRADE 65, UNLESS NOTED
HOT ROLLED MILL SHAPES	A36 OR A572	FY= 36 KSI OR GRADE 50
ROOF AND WALL SHEETS	A653 OR A792	GRADE 50
BOLTS	A307 AND A325	A325, UNLESS NOTED

2. STRUCTURAL PRIMER

SHOP PRIMER PAINT IS A RUST INHIBITIVE PRIMER AND IS VP BUILDINGS COLOR BRONZE. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.

3. A325 BOLT TIGHTENING REQUIREMENTS

ALL HIGH STRENGTH BOLTS ARE A325-N UNLESS SPECIFICALLY NOTED OTHERWISE.

STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE TURN-OF-THE-NUT METHOD IN ACCORDANCE WITH THE LATEST EDITION, RCSC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". EXCEPTION: 1/2" (13mm) DIAMETER A325 BOLTS USED AT PURLIN AND GIRT LAP CONNECTIONS AND AT PURLIN/GIRT-TO-FRAME CONNECTIONS ARE NOT NECESSARILY REQUIRED TO BE FULLY PRE-TENSIONED. TIGHTENING TO THE "SNUG TIGHT" CONDITION AS DEFINED IN THE RCSC SPECIFICATION IS SUFFICIENT EXCEPT AS NOTED OTHERWISE ON THE DRAWINGS.

ALL HIGH STRENGTH BOLTS, EXCEPT AS NOTED OTHERWISE, ARE SUBJECT TO DIRECT TENSION AND MAY REQUIRE INSPECTION AS DEFINED BY THE APPLICABLE BUILDING CODE OR STANDARD. IT IS THE RESPONSIBILITY OF THE ERECTOR TO ASSURE PROPER TIGHTNESS.

4. BUILDER / CONTRACTOR RESPONSIBILITIES

VP BUILDINGS STANDARD PRODUCT SPECIFICATIONS APPLY AND UNLESS STIPULATED OTHERWISE IN THE CONTRACT DOCUMENTS, VP BUILDINGS DESIGN, FABRICATION, QUALITY CRITERIA STANDARDS AND TOLERANCES WILL GOVERN THE WORK. (A VP BUILDINGS SPECIFICATION BOOKLET IS AVAILABLE UPON REQUEST)

IN CASE OF DISCREPANCIES BETWEEN VP BUILDINGS STRUCTURAL PLANS AND PLANS FOR OTHER TRADES, THE VP BUILDINGS PLANS SHALL GOVERN

IT IS THE RESPONSIBILITY OF THE BUILDER / CONTRACTOR TO OBTAIN APPROPRIATE APPROVALS AND NECESSARY PERMITS FROM CITY, COUNTY, STATE, OR FEDERAL AGENCIES, AS REQUIRED.

APPROVAL OF VP BUILDINGS DRAWINGS CONSTITUTES THE BUILDER / CONTRACTOR'S ACCEPTANCE OF THE VP BUILDINGS INTERPRETATION OF THE CONTRACT PURCHASE ORDER.

ONCE THE BUILDER / CONTRACTOR OR A/E FIRM HAS SIGNED VP BUILDINGS APPROVAL PACKAGE, CHANGES FROM THE PURCHASE ORDER BY THE BUILDER WILL BE BILLED TO THE BUILDER / CONTRACTOR FOR MATERIAL, ENGINEERING, AND HANDLING FEES. SUCH CHANGES MAY CAUSE THE PROJECT TO BE MOVED FROM THE FABRICATION AND / OR SHIPPING SCHEDULE. A PENALTY FEE MAY BE CHARGED IF THE PROJECT MUST BE MOVED FROM THE FABRICATION AND / OR SHIPPING SCHEDULE, AS LONG AS VP BUILDINGS DESIGN AND DETAILING APPROACH COMPLIES WITH THE PURCHASE ORDER.

THE BUILDER / CONTRACTOR OR A/E FIRM ARE RESPONSIBLE FOR THE OVERALL PROJECT CONDITION. ALL INTERFACE AND COMPATIBILITY CONCERNING ANY MATERIALS NOT FURNISHED BY VP BUILDINGS ARE TO BE CONSIDERED AND COORDINATED BY THE BUILDER / CONTRACTOR OR A/E FIRM. UNLESS SPECIFIC DESIGN CRITERIA CONCERNING THIS INTERFACE BETWEEN MATERIALS IS FURNISHED AS PART OF THE PURCHASE ORDER. VP BUILDINGS ASSUMPTIONS WILL GOVERN.

THE BUILDER / CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL OTHER PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITY. SUPPLYING SEALED ENGINEERING DESIGN DATA AND DRAWINGS FOR THE VP BUILDINGS BUILDING DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT VP BUILDINGS OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR THE CONSTRUCTION PROJECT. THESE DRAWINGS AND DESIGN DATA ARE SEALED AS TO THE STRUCTURAL SYSTEM FURNISHED BY VP BUILDINGS, IN COMPLIANCE WITH ALL REQUIREMENTS OF THE PURCHASE ORDER.

THE BUILDER / CONTRACTOR IS RESPONSIBLE FOR SETTING OF ANCHOR BOLTS AND ERECTION OF STEEL BUILDING COMPONENTS IN ACCORDANCE WITH VP BUILDINGS "FOR CONSTRUCTION" DRAWINGS. TEMPORARY SUPPORTS OR BRACING REQUIRED FOR THE BUILDING ERECTION WILL BE THE RESPONSIBILITY OF THE ERECTOR TO DETERMINE, FURNISH, AND INSTALL.

5. VP BUILDINGS IS AN APPROVED FABRICATOR WITH THE FOLLOWING CERTIFICATIONS:

ICBO FA-240
ISO 9001 CERTIFIED
CITY OF LOS ANGELES TYPE 1 FABRICATOR
CITY OF SEATTLE
CANADIAN WELDING BUREAU DIVISION 1 CERTIFICATION

Seismic Hazard Group: Group 1, Seismic Performance Category: C
Av= 0.1000, Aa= 0.1000,
Moment-Resisting Frame System, Ordinary Steel Frames (R=4.5 Cd= 4.0)
Building Frame System, Concentrically Braced Frames (R =5.0 Cd= 4.5)
Analysis Procedure 1616.4 used

10-12-00

STATE OF VERMONT
STEVEN J. OAKESON
NO. 7648
STRUCTURAL I
LICENSED
PROFESSIONAL ENGINEER

VP BUILDINGS, INC.
AISC CATG. MB CERTIFIED

Building Code: 96BOCA
Live Load: (Not Reducible) 20.00 psf
Coll. Load:Gravity 4.00, Uplift 0.00 psf
Wind Speed: 70.00 mph
Wind Exposure: C
Roof Snow: 49.00 psf
Snow Exposure Category: 3
Seismic Hazard Group: Group 1
Building Use:Standard Occupancy Structure
Ground Snow: 70.00 psf

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS.

IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING SHOWN HEREON AND IS NOT TO BE LOANED, COPIED AND SHALL NOT BE RECEIVED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND THIS DRAWING (DETAILS REFERENCED IN THIS DRAWING, E.G. SPECIFICALLY VP BUILDINGS ERECTION DETAILS, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CURRENT USE OF TEMPORARY BRACING.

FOR CONSTRUCTION

COVER SHEET

BUILDER	E.F. Wall & Associates, Inc.
CUSTOMER	Morrisville/Stowe State Airport
LOCATION	Morrisville, Vermont
PROJECT	Morrisville/Stowe State Airport
REFERENCE	WI0012201-01 OB3

VP BUILDINGS
VARCO-PRUDEN
VPC VERSION 2.0

DATE	10/12/2000
TIME	8:31:13
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PAGE	cover

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