

THE DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED ON THE VP ENGINEER'S SEAL, DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP ENGINEERING. THE DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS PROVIDED SOLELY FOR ERECTING THE BUILDING. THIS DRAWING SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.

THE GENERAL CONTRACTOR/ARCHITECTOR IS SOLELY RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE BUILDING. VP BUILDINGS IS NOT RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE BUILDING. VP BUILDINGS IS NOT RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE BUILDING.

REV	DATE	BY	DESCRIPTION	BUILDER	CUSTOMER	LOCATION	PROJECT	BUILDERS PO#	JOB #
				PATCO Construction Inc		Portland, Maine	Big Moose Harley Davidson	2663	
									DATE
									11/13/2003
									DRAWN/CHECK
									PAGE 2

**PERSPECTIVE DRAWING**

3200 Players Club Circle Memphis TN 38125

NTS

11/13/03

VP BUILDINGS  
MEMPHIS, TN

VP VERSION: 5.1

**BUILDER/CONTRACTOR RESPONSIBILITIES**

VP Buildings follows the guidelines as outlined in the AISC and MBMA Codes of Standard Practice. VP Buildings standard product specifications, design, fabrication, quality criteria shall govern all work unless stipulated otherwise in the contract documents. In case of discrepancies between VP Buildings structural plans and plans for other trades, VP Building structural plans shall govern.

It is the responsibility of the Builder to obtain approvals and permits from all governing agencies and jurisdictions as required. Approval of VP Building drawings constitutes the builder's acceptance of VP interpretation of the contract purchase order. Unless specific design criteria concerning interface design and details are furnished as part of the contract, VP Buildings design assumptions shall govern.

VP Engineers are not Project Engineers or Engineer of Record for the overall project. VP engineering supply sealed engineering design data and drawings for VP supplied material as part of the overall project for use by others to obtain permits, approvals, and coordinate with other trades. The Builder or A/E firm are responsible for the overall project coordination, including coordination with appropriate inspection and testing agencies. All interface and/or compatibility of any materials not furnished by VP are to be considered and coordinated by the builder or A/E firm.

**CONSTRUCTION & ERECTION RESPONSIBILITY**

The Builder is responsible for construction in strict accordance with VP Buildings "FOR CONSTRUCTION" drawings and all applicable product installation guides. VP is not responsible for work done from any other VP drawings that are not marked "FOR CONSTRUCTION", nor any drawings prepared by others. The Builder is responsible for accurate setting of anchor bolts (+/- 1/8" accuracy), erection of steel, and required alignment such that components are straight and plumb per MBMA Code of Standard Practice. Out of straightness for any member shall not exceed 1/320.

The building erector shall be properly licensed and experienced in erecting metal building systems. The Builder is responsible for having knowledge of, and shall comply with, all OSHA requirements and all other governing site safety criteria. The Builder is responsible for designing, supplying, locating and installing temporary supports and bracing during erection of the building. VP bracing is designed for code required loads after building completion and shall not be considered as adequate erection bracing. See VP Builder Memo #BM-006.

**EXISTING STRUCTURES**

VP must be advised of any existing structure that is within 20 ft. of VP's building. Loadings of both buildings may be affected when adjacent buildings are within this distance. VP cannot be responsible for the design or loading of existing buildings.

**BRACING**

Tension brace rods work in pairs to balance forces caused by initial tensioning. Care must be taken while tightening brace rods so as not to cause accidental or misalignment of components. All rods must be installed loose and then tightened. Rods should not exhibit excessive sag. For long or heavy rods, or angles it may be necessary to support the rod at mid-day by suspending it from a secondary member.

Bracing for seismic or wind loading of objects or equipment that are not a part of the VP structure must be designed by a qualified professional to deliver lateral loads to primary frames and rod bracing struts. Equipment bracing and suspension connections must not impose torsion or minor axis loads, or cause local distortion in any VP components. VP accepts no responsibility for design or installation of bracing systems not furnished by VP.

**FIELD WELDING**

All field welding shall be done at the direction of a design professional, and done in accordance with governing requirements (AWS in USA, CWB in Canada) by welders qualified to perform the welding as directed by the applicable welding procedure specification (WPS). A WPS shall be prepared by the contractor for each welding variation specified. Unless otherwise approved, use E70ksi yield, low hydrogen electrodes. The contractor shall provide for any special welding inspection as required by code.

**DELIVERIES**

It is the responsibility of the builder to have adequate equipment available at the job site to unload trucks in a safe and timely manner. The Builder will be responsible for all retention charges from carriers as a result of job site unloading delays.

Per VP Builder Memo #BM-001, claims for damage or losses MUST be noted on the Bill-of-Lading or delivery receipt and filed against the carrier by the consignee as per VP's Terms of Sales (F.O.B. Plant) under the Uniform Commercial Code. It is critical that damages or loss be noted on the Bill-of-Lading or you have little recourse with the carrier. Immediately upon delivery of material, material quantities are verified by the Builder against quantities listed on the shipping document. Neither the Manufacturer nor the carrier is responsible for material shortages against quantities listed on the shipping document if such shortages are not noted on the shipping documents upon delivery of material and acknowledged by the carriers agent. For materials concealed in bundles, boxes, or crates, shortages must be reported immediately upon unpacking. Should products get wet, bundled and/or crated materials must be unpacked and unbundled immediately to provide drainage of trapped moisture.

**SEALANTS**

Sealants shall be applied in strict accordance with VP details or weather tightness will be compromised. Sealant must be applied in temperatures and weather conditions consistent with labeling.

Bulky Sealants - Service Temperature Range (Degrees): Min -40F (-40C); Max 200F (104C)

Tape Sealants - Service Temperature Range (Degrees): Min -60F (-50C); Max 212F (100C)

**INDEPENDENT MEZZANINES**

Independent mezzanines must be designed by a professional engineer. The engineer must ensure that proper isolation from the VP building has been provided to avoid structural damage due to differential movements, or inadvertently apply loads to the VP structure. VP accepts no responsibility for the design of the independent mezzanine.

**VP BUILDINGS CERTIFICATIONS**

		PLANT SPECIFIC CERTIFICATIONS							
Location	Alabama	Arkansas	California	Missouri	No. Carolina	Wisconsin	Mexico		
ALSC	MB Cert 9001	MB Cert 9001	MB Cert 9001	MB Cert 9001	MB Cert 9001	MB Cert 9001	MB Cert		
ISO	FA-377	FA-401	FA-240	FA-388	FA-376	FA-378	MB Cert		
IAS			A-660			A-660			
CSA			Div. 1			Div. 1			
CWB									
Los Angeles, CA			Div. 1			Div. 1			
Houston, TX		Approved							
Riverside, CA			Type 1 Fab #SP02-0028						
Clark Co., NV			Fab ID# 241						
San Bernardino Co., CA			Fab ID# 121						

SSR Roof System: ICC-ES Report #E9-6621  
 Panel Rib Roof and Panel Rib & Vee Rib Wall System: ICC-ES Report #E9-4879  
 State of Florida Product Approval (Listed as VP Buildings)  
 Date Co. Product Certification

SSR Roof NOAH03-0206 13; Panel Rib Roof NOAH02-0122 08; Panel Rib Wall NOAH02-04187 01;  
 Vee Rib Wall NOAH01-1128 05  
 Underwriter's Laboratory Approvals

Class 90-UL-#TGXX-328  
 Class 90-UL-#TGXX-113; SSR Composite Roof Class 90-UL-#TGXX-113A; SSR Roof w/Super Block

Panel Rib Roof UL Class 80-UL-#TGXX-80; Panel Rib Roof UL Class 90-UL-#TGXX-64;  
 VP SLR/AEP SL Roof Class 90-UL-#TGXX-60  
 Factory Mutual Approved Assemblies

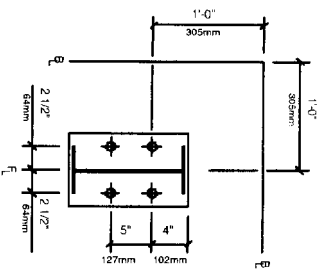
SSR Roof Systems are approved in various type applications and listed in FM Approval Guide.  
 24 Ga SSR (0.0227" Nominal), is available in Class 1-60, 1-75, 1-90, 22Ga SSR (0.0277" Nominal), is available in Class 1-75, 1-90, 1-120

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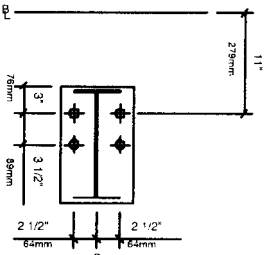
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THE GENERAL CONTRACTOR AND/OR ENGINEER IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY ALL V.P. CABLE V.E. ERECTION GUIDES. FACTORY MUTUAL STANDARDS REMAINING TO PROPER ERECTION. CONTRACTOR USE OF TEMPORARY BRACING.

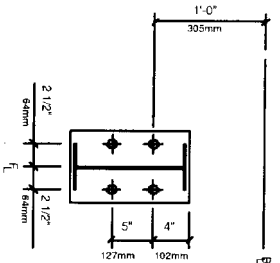
VP Buildings Inc. 3200 Players Club Circle Memphis TN 38125		Erection Notes	
DATE	BY	DESCRIPTION	
8/30/2004	NTS		
BUILDER	CUSTOMER	LOCATION	PROJECT
VP BUILDINGS INC.	PATCO Construction Inc	Portland, Maine	Big Moose Harley Davidson
BUILDER'S PO#		BUILDER'S PO#	
2863		2863	
VP BUILDINGS MEMPHIS		JOB #	
V.P.C. VERSION 5.1		DATE 11/13/2003	
		DRAWN/CHECK	
		PAGE 3	



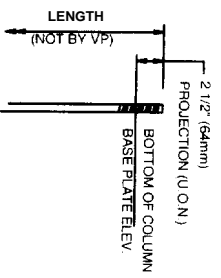
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Plate W=8" L=1'-1"  
Elevation=100'-0"



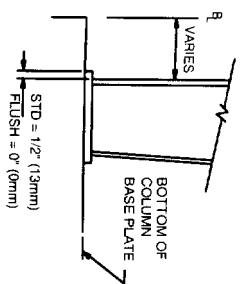
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Elevation=100'-0"



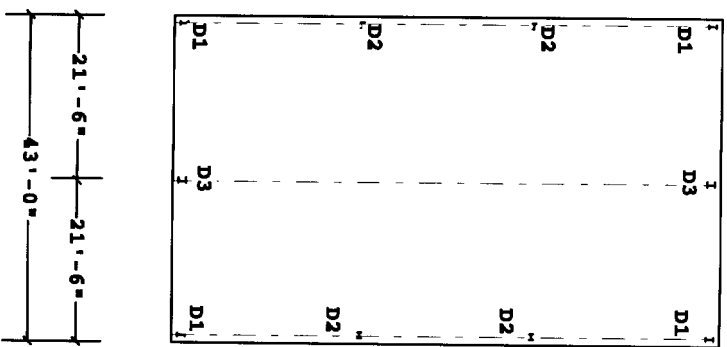
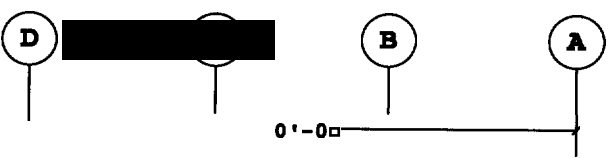
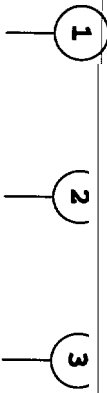
D3 (4) 1 1/4" Dia. A36 A.Bolts  
Plate W=10" L=1'-1"  
Elevation=100'-0"



TYPICAL ANCHOR BOLT PROJECTION



TYPICAL COLUMN BASE PLATE DETAIL



ANCHOR BOLT PLAN

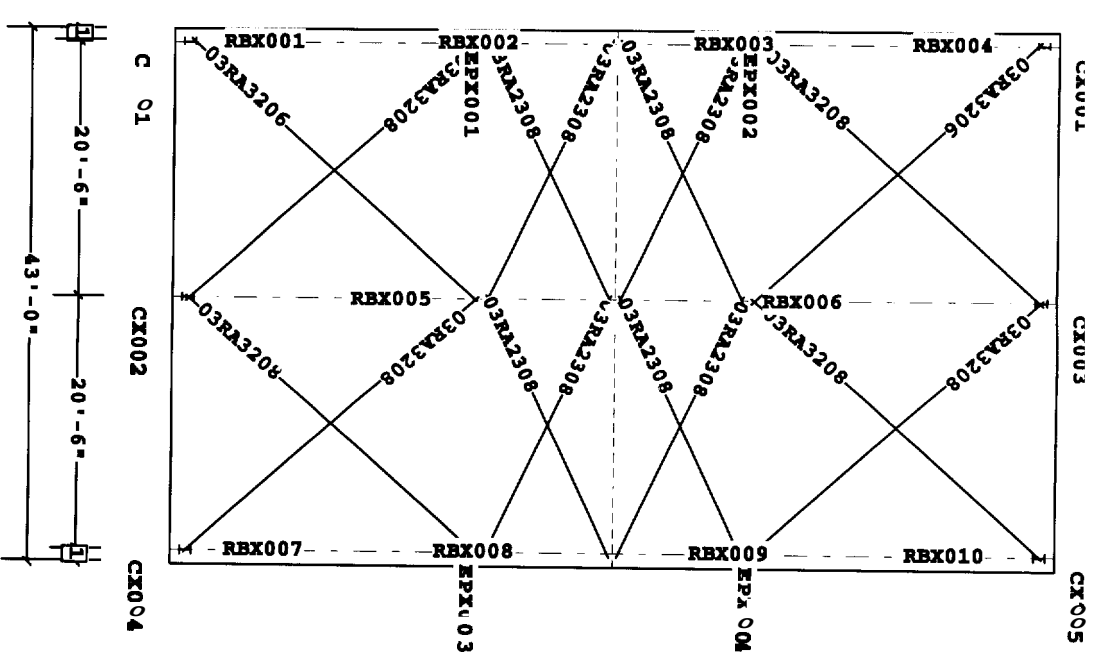
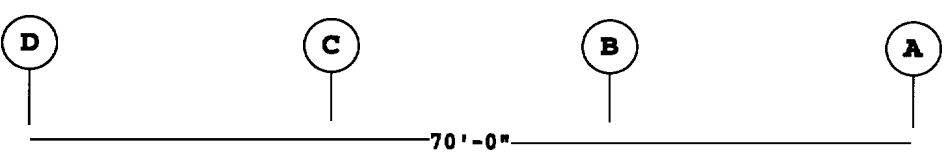
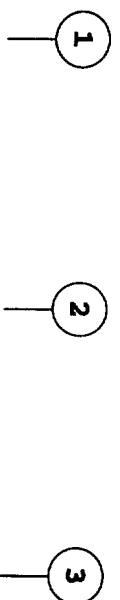
- CONCRETE, GROUT, ANCHOR BOLTS, AND ANY OTHER EMBEDDED ITEMS ARE TO BE FURNISHED BY OTHERS
- ANCHOR BOLT DIAMETERS WERE DETERMINED BY ALLOWABLE SHEAR AND TENSION PER AISC SPECIFICATIONS (F<sub>y</sub> = 36 KSI), ANCHOR BOLT LENGTH, EFFECTS OF EMBEDDED ANCHOR BOLT EDGE DIMENSIONS AND METHOD OF TRANSFERRING FORCES FROM ANCHOR BOLTS TO FOOTINGS ARE TO BE DETERMINED BY OTHERS.
- DESIGN LOADS AND REACTIONS ARE FURNISHED IN THE REACTIONS REPORT.
- FOUNDATION MUST BE LEVEL, SQUARE AND SMOOTH, ANCHOR BOLTS MUST BE ACQUAINTANCE PLACED AS SHOWN ON THIS DRAWING OR STEEL WILL NOT FIT.

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REV	DATE	BY	DESCRIPTION

VP BUILDINGS, Inc.		3200 Players Club Circle, Memphis, TN 38125	
<b>ANCHOR BOLT PLAN</b>		Builder:	PATCO Construction Inc.
Customer:	Portland, Maine	Location:	Big Moose Harley Davidson
Project:		Builder's No.:	2663
VP VERSION:	5.1	JOB #:	
		DATE:	11/13/2003
		DRAWN BY:	GSAMMICK
		PAGE:	4



**PRIMARY AND ROOF BRACING PLAN**

1 1'-0"  
 Dimension Key

FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS  
 UNLESS NOTED OTHERWISE  
 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME  
 SIDE OF THE WEB AS THE HILLSIDE WASHER

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**Bevinolds Motorsports**

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VP Buildings, Inc 3200 Players Club Circle Memphis TN 38125	DATE	BY	DESCRIPTION	BUILDER PATCO Construction Inc	CUSTOMER Portland, Maine	JOB #
						11/13/2003
						DRAWN/CHECKED
NTS						PAGE 5

**PRIMARY AND ROOF BRACING PLAN**



8/30/2004 14:11:24 FILENAME: Big Moose BO.VPC