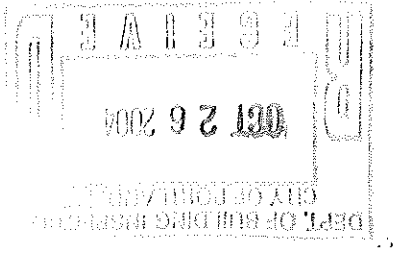


317 B 5



1. The building and its contents shall be protected from fire and theft by the owner or his agent. The architect shall not be responsible for the fire and theft protection of the building or its contents.

2. The building shall be constructed in accordance with the applicable building codes and regulations of the State of Maine.

3. The building shall be constructed in accordance with the applicable building codes and regulations of the State of Maine.

4. The building shall be constructed in accordance with the applicable building codes and regulations of the State of Maine.

5. The building shall be constructed in accordance with the applicable building codes and regulations of the State of Maine.

6. The building shall be constructed in accordance with the applicable building codes and regulations of the State of Maine.

7. The building shall be constructed in accordance with the applicable building codes and regulations of the State of Maine.

8. The building shall be constructed in accordance with the applicable building codes and regulations of the State of Maine.

9. The building shall be constructed in accordance with the applicable building codes and regulations of the State of Maine.

10. The building shall be constructed in accordance with the applicable building codes and regulations of the State of Maine.

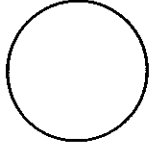
DATE	09/15/04
BY	AS. SHONN
SCALE	1/4" = 1'-0"
NO.	2663

PROPOSED BUILDING FOR:
BIG MOOS & HARLEY
 PORTLAND, MAINE

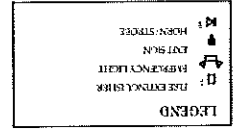
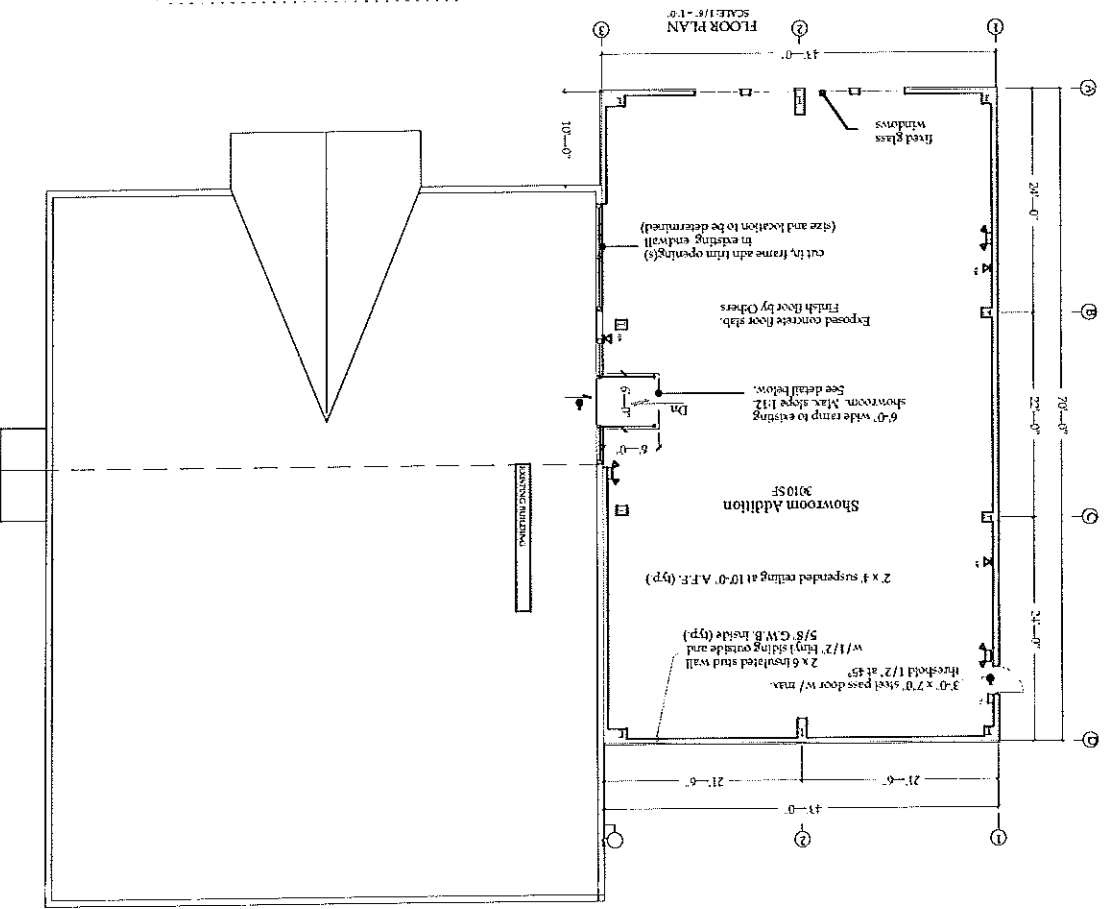
FLOOR PLANS/ELEVATIONS/DETAILS

PATCO
 CONSTRUCTION INC.

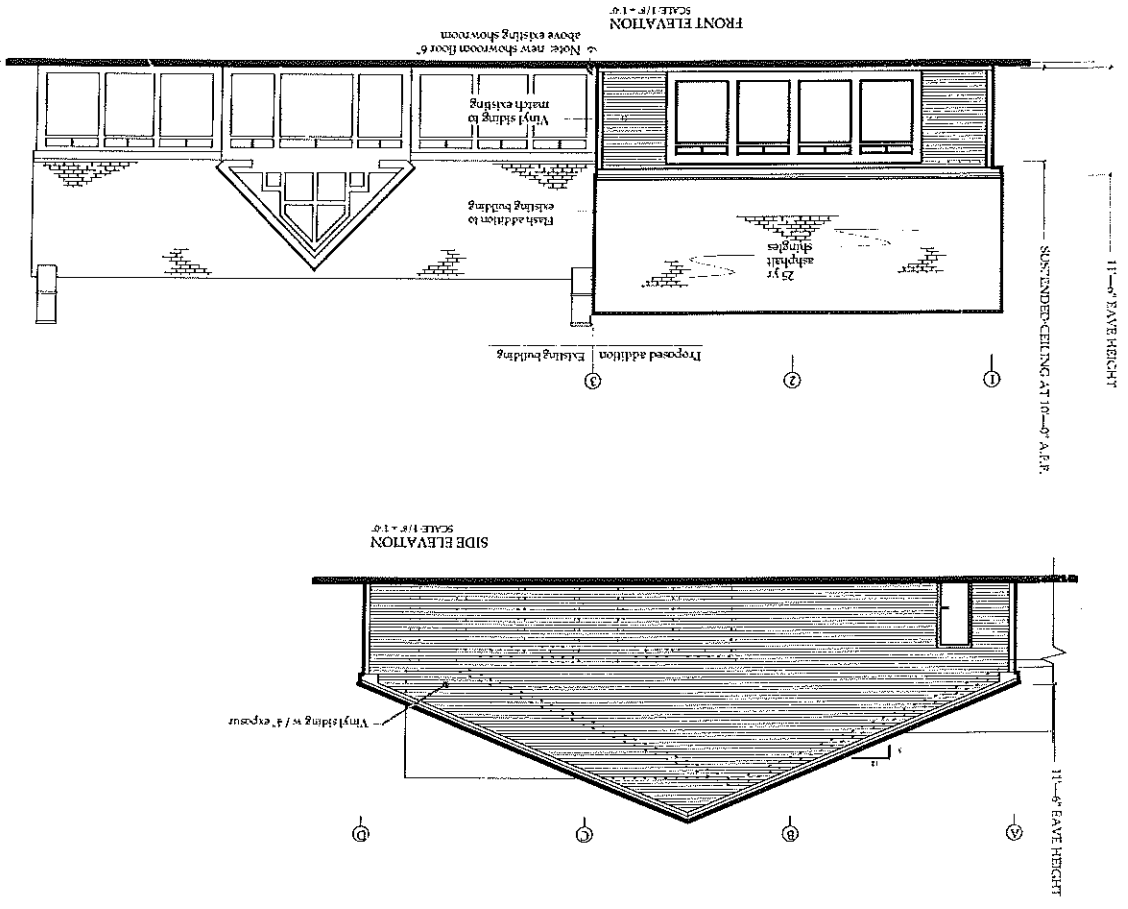
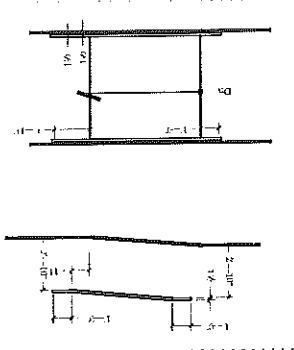
John W. Einsiedler, R.A.
 ARCHITECT
 1295 MAIN STREET SANFORD, ME 04073
 TEL: (207)324-5574 FAX: (207)324-1543
 www.patco-construction.com



NO.	DATE	REVISION



Ramp/Handrail Detail
 Scale: 1/4" = 1'-0"



THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP ENGINEER AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

IT IS PROVIDED SOLELY FOR REFERENCE TO THE BUILDING PERMITS AND SHALL NOT BE USED FOR ANY OTHER PURPOSE WITHOUT WRITTEN APPROVAL BY VP BUILDINGS.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATELY VERIFYING THE DIMENSIONS OF THIS BUILDING IN CONFORMANCE WITH THE PERMITS AND FOR ANY DISCREPANCIES THEREIN.

ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.

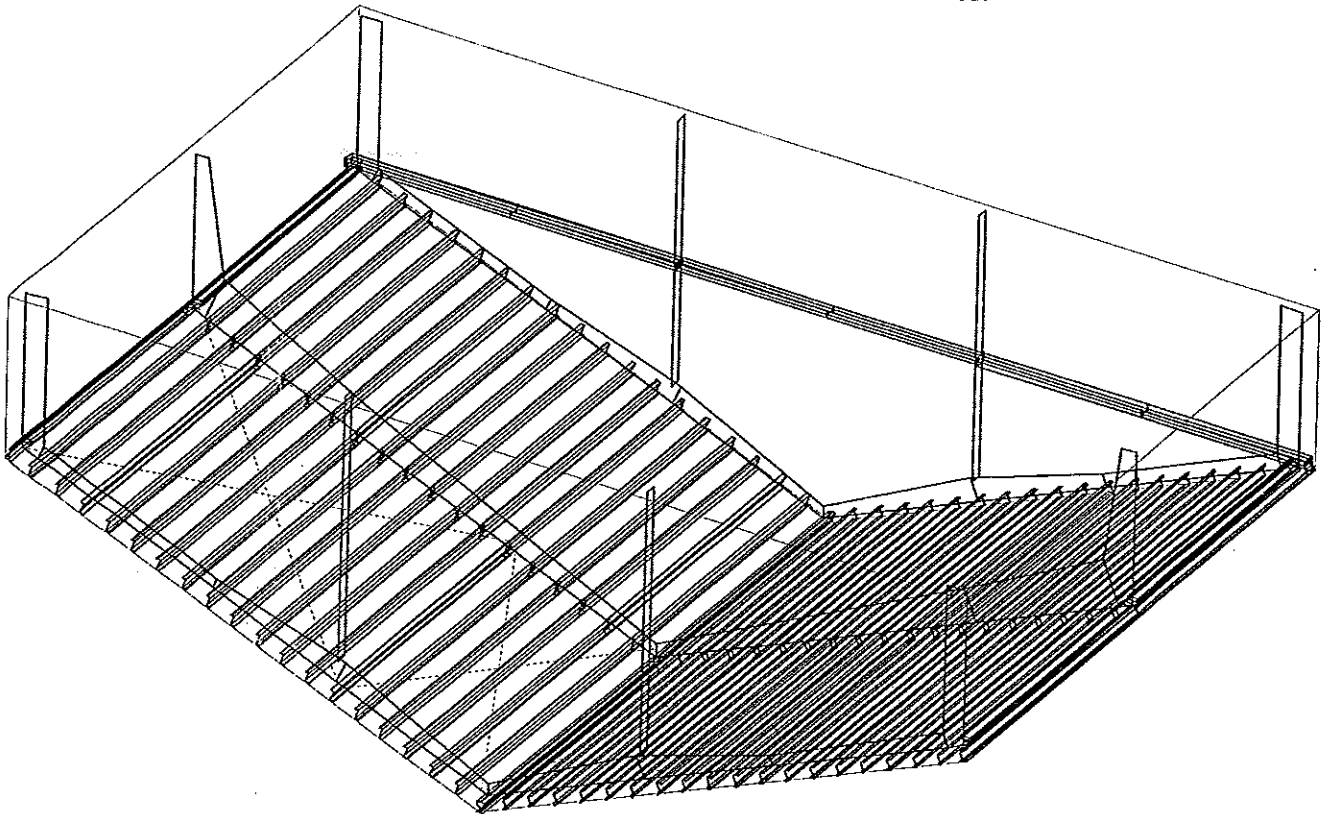
VP BUILDINGS SHALL BE RESPONSIBLE FOR THE PROPER ERECTION AND BRACING OF THIS BUILDING IN ACCORDANCE WITH THE PERMITS AND THE GENERAL CONTRACTOR'S BRACING PLAN.

BRACING SHALL BE INSTALLED IN ACCORDANCE WITH THE PERMITS AND THE GENERAL CONTRACTOR'S BRACING PLAN.



PROJECT NO.	2663
PROJECT	Big Moose Harley Davidson
LOCATION	Portland, Maine
CUSTOMER	Big Moose Harley Davidson
OWNER	PATCO Construction Inc
DATE	9/22/2004
PROJECT NO.	W0401125-01

VP Buildings, Inc. 3200 Players Club Circle Kennebunk ME 04025



COVER SHEET

WIND LOAD
 Wind Speed: 90.00 mph, Wind Exposure: B
 Basic Wind Pressure: 12.35 psf
 Wind Importance Factor: 1.000, Ft = Topographic Factor: 1.000
 Wind Enclosure: Enclosed, 0.180
 Note: If the building is design as ENCLOSED, all windows, doors, skylights and other covered openings must be designed for the specified above wind loads

SNOW LOAD
 Ground Snow: 70.00 psf, Flat Roof Snow: 44.10 psf
 Snow Exposure Category (Factor): 1 Fully Exposed (0.90)
 Snow Importance: 1.000 Thermal Category (Factor): Heated (1.00)

LIVE LOADS AND RAINFALL
 Live Load 20.00 psf (Not Reducible)
 Rainfall: 4.00 in per hour

SEISMIC DESIGN DATA
 Seismic Hazard / Use Group: Group 1
 Seismic Performance / Design Category: C (See Bolt Tightening Note Above)
 Seismic Snow Load: 8.82 psf
 Seismic Importance: 1.000
 Soil Profile Type: Silt soil (S, 4)
 Design Spectral Response - Sds: 0.0000, Sd1: 0.0000

Ordinary Steel Moment Frames
 Frame Redundancy Factor: 1.0000
 Ordinary Steel Concentric Braced Frames
 Frame Redundancy Factor: 1.0000
 Frame R-Factor: 3.0000, Frame Seismic Factor (Cs): 0.0556, Design Base Shear = 0.0556 W
 Brace Redundancy Factor: 1.0000
 Bracing R-Factor: 3.0000, Brace Seismic Factor (Cs): 0.0500, Design Base Shear = 0.0500 W

GENERAL NOTES

ASTM DESIGNATION

A529, A572, A1011 SS	3 PLATE WELDED SECTIONS
A1011 SS	COLD FORMED LIGHT GAGE SHAPES
A572	BRACE RODS
A36, A572, A529, A992	HOT ROLLED MILL SHAPES
A500	HOLLOW STRUCTURAL SECTION (HSS)
A553, A792	CLADDING

GRADE 60
 A529, A572, A1011 SS

GRADE 55
 A1011 SS

GRADE 65
 A572

GRADE 36 KSI OR GRADE 60
 A36, A572, A529, A992

GRADE B
 A500

GRADE 50 CLASS 2 OR GRADE 80
 A553, A792

A325 BOLT TIGHTENING REQUIREMENTS

IT IS THE RESPONSIBILITY OF THE ERECTOR TO INSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPROPRIATE REGULATIONS. THE FOLLOWING CRITERIA IS IN COMPLIANCE WITH THE LATEST SPECIFICATIONS, HOWEVER THE ERECTOR IS RESPONSIBLE TO VERIFY LOCAL AUTHORITY REQUIREMENTS.

ALL CONNECTIONS MADE WITH A325 BOLTS MAY BE TIGHTENED TO THE "SNUG TIGHT" CONDITION AS PERMITTED BY THE SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS (2000 ED), UNLESS INDICATED AS "PRE-TENSIONED" ELSEWHERE IN THESE DRAWINGS, OR AS INDICATED BELOW.

PRE-TENSION BOLTS ON PRIMARY BRACING, BOLTED BRACING, AND STRUT CONNECTIONS IF LOCATED IN SEISMIC PERFORMANCE / DESIGN CATEGORY D, E OR F (ZONE 3 OR 4). SEE CODES AND LOADS NOTES BELOW FOR SEISMIC DESIGN CATEGORY.

PRE-TENSION BOLTS ON PRIMARY FRAMING, BOLTED BRACING, STRUTS AND CRANE RUNWAY CONNECTIONS IF BUILDING SUPPORTS A CRANE WITH A CAPACITY GREATER THAN 5 TONS.

CONNECTIONS THAT SUPPORT RUNNING MACHINERY AND OTHER SOURCES OF IMPACT OR STRESS REVERSAL MUST BE PRE-TENSIONED.

ALL SLIP CRITICAL CONNECTIONS AS INDICATED IN THESE DRAWINGS WITH -SC DESIGNATION MUST BE PRE-TENSIONED. SC TYPE CONNECTIONS MUST BE FREE OF PAINT, OIL OR OTHER MATERIALS THAT REDUCE THE FRICTION AT CONTACT SURFACES.

ALL A490 BOLTS MUST BE PRE-TENSIONED WITH WASHERS UNDER TURNED ELEMENT.

SECONDARY MEMBERS AND FLANGE BRACE CONNECTIONS ARE ALWAYS "SNUG TIGHTENED", EVEN IF ABOVE CONDITIONS EXIST, UNLESS SPECIFICALLY NOTED OTHERWISE ON DETAILS.

WASHERS ARE NOT REQUIRED FOR "SNUG-TIGHT" CONNECTIONS. PRE-TENSIONED CONNECTIONS TIGHTENED USING THE TURN-OF-THE-NUT METHOD DO NOT REQUIRE WASHERS.

INDICATED BELOW. SEE CALCULATIONS FOR FURTHER DETAILS.

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

DRAWING RELEASE HISTORY

DESCRIPTION	DATE	TYPE
AB PLAN For CONST	9/22/04	
ERECTOR Drawgs For CONST	10/7/04	
AB PLAN For CONST	10/7/04	
AB PLAN For CONST Rev. 1	10/7/04	

DRAWING INDEX

DRAWING TITLE	PAGES
Cover Sheet	1
Notes	2
Anchor Bolt Plan	3
Primary Structural	4, 5, 6
Secondary Structural	7, 8, 9
Covering	
Special Drawings	
Standard Erection Details	10



1. CONCRETE, GROUT, ANCHOR BOLTS, AND ANY OTHER EMBEDDED ITEMS ARE TO BE FURNISHED BY OTHERS

2. ANCHOR BOLT DIMETERS WERE DETERMINED BY ALLOWABLE SHEAR AND TENSION PER AISI SPECIFICATIONS (F_y = 36 KSI), ANCHOR BOLT LENGTH, EFFECTS OF EMBEDDED ANCHOR BOLTS TO FOOTINGS ARE TO BE DETERMINED BY OTHERS. FORCES FROM ANCHOR BOLTS TO FOOTINGS ARE TO BE DETERMINED BY OTHERS.

3. DESIGN LOADS AND REACTIONS ARE FURNISHED IN THE REACTIONS REPORT. FOUNDATION MUST BE LEVEL, SQUARE AND SMOOTH ANCHOR BOLTS MUST BE ACCURATELY PLACED AS SHOWN ON THIS DRAWING OR STEEL WILL NOT FIT.

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO THE EXTENT SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, IS FOR DESIGN AND CONSTRUCTION OF THE PROJECT ONLY. IT IS NOT TO BE USED FOR ANY OTHER PROJECT OR FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN APPROVAL OF VP BUILDINGS.

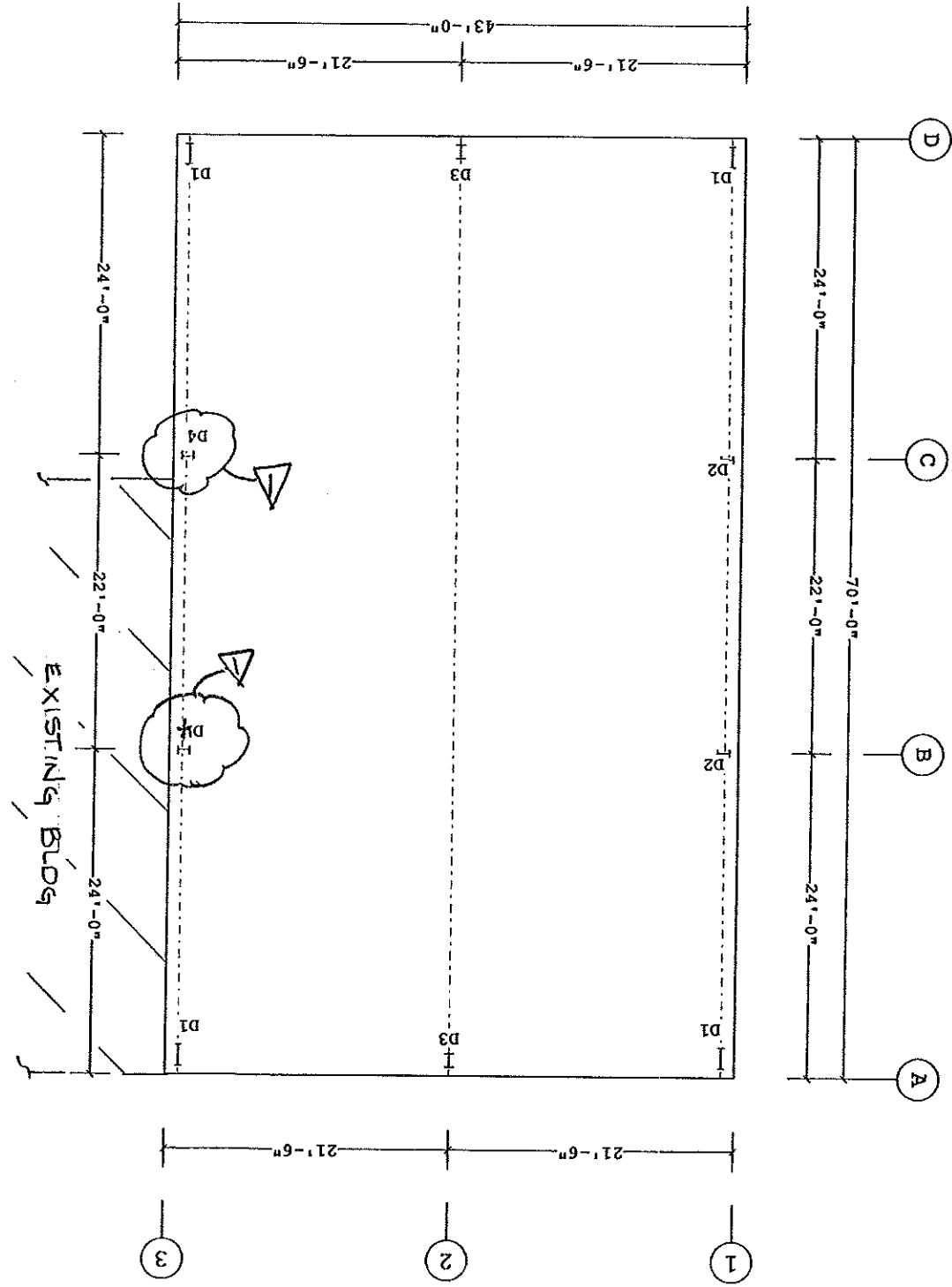
DESIGNER: VP BUILDINGS, INC. 3200 Players Club Circle Memphis TN 38125

DATE: 9/22/2004

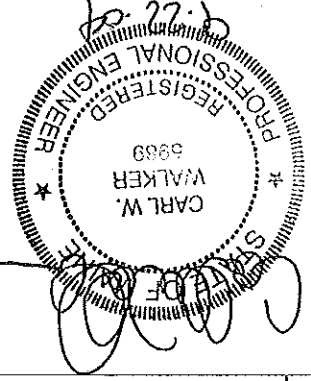
BY: [Signature]

DESCRIPTION: ANCHOR BOLT PLAN

VP BUILDINGS MEMPHIS 9/22/2004 DATE W0401125-01	VP BUILDINGS MEMPHIS 9/22/2004 DATE W0401125-01	VP BUILDINGS MEMPHIS 9/22/2004 DATE W0401125-01	VP BUILDINGS MEMPHIS 9/22/2004 DATE W0401125-01
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△ Rev. Col. Base Elev.



<p>TYPICAL COLUMN BASE PLATE DETAIL</p>	<p>TYPICAL ANCHOR BOLT PROJECTION</p>
<p>D2 (4) 3/4" Dia. A36 A. Bolts Plate W=8" I=1.7" Elevation=100'-0"</p>	<p>D3 (4) 1" Dia. A36 A. Bolts Plate W=9" I=1.1" Elevation=100'-0"</p>
<p>D4 (4) 3/4" Dia. A36 A. Bolts Plate W=8" I=1.0" Elevation=99'-6"</p>	<p>D1 (4) 3/4" Dia. A36 A. Bolts Plate W=8" I=1.7" Elevation=100'-0"</p>