

FOUNDATION PLAN
SCALE: 3/32"=1'-0"

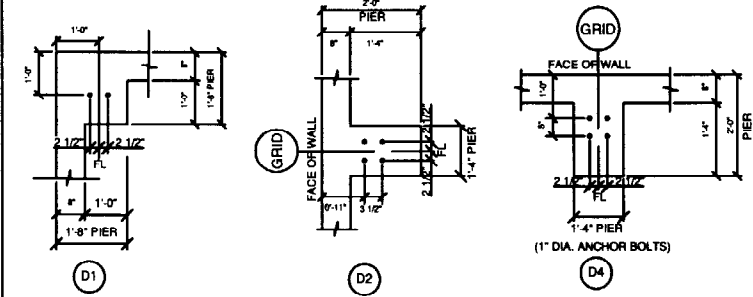
NOTE: FOUNDATION SECTIONS ARE ON SHEET S2

ISSUED FOR CONSTRUCTION

CONTRACTOR NOTE:
WWF IN SLAB IS MANDATORY SINCE HAIRPINS ARE BEING USED. DO NOT SUBSTITUTE WWF WITH "FIBERMESH" WWF IS REQUIRED TO DISTRIBUTE LATERAL FORCE INTO SLAB.

CONTRACTOR NOTE:
CONTRACTOR TO CONFIRM DOOR SIZE/ LOCATIONS, PIER SIZE, AND TOP OF CONCRETE ELEVATIONS WITH FINAL "VARCO PRUDEN" (VP) METAL BUILDING PLANS. DO NOT SCALE PLANS

FOOTING SCHEDULE			
SYMBOL	SIZE (L X TH X W)	REINF. REQ'D	COMMENTS
F3	3'-0" x 1'-0" x 3'-0"	4 - #4 E.W.	BOTTOM REINF.
F3.5	3'-6" x 1'-0" x 3'-6"	5 - #4 E.W.	BOTTOM REINF.
F4.5	4'-6" x 1'-0" x 4'-6"	6 - #4 E.W.	BOTTOM REINF.



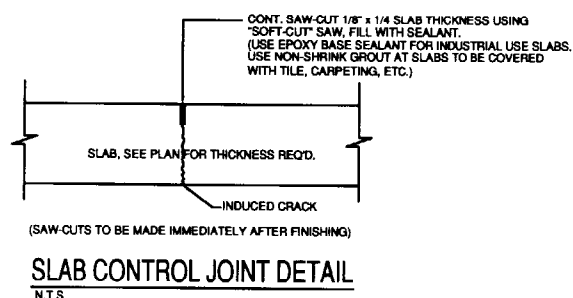
CONTRACTOR NOTE:
CONTRACTOR TO CONFIRM PIER SIZE/ LOCATIONS, AND TOP OF CONCRETE ELEVATIONS WITH FINAL "VARCO PRUDEN" (VP) METAL BUILDING PLANS.

NOTE: KICKER WALL NOT SHOWN FOR CLARITY, SEE FNDN PLAN (ALL ANCHOR RODS TO BE 3/4" DIAMETER, UNLESS NOTED OTHERWISE)

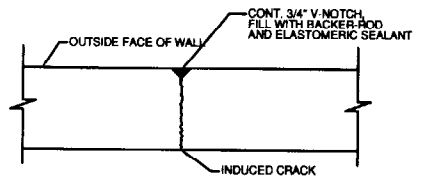
PIER DETAILS
N.T.S.

FOUNDATION NOTES:

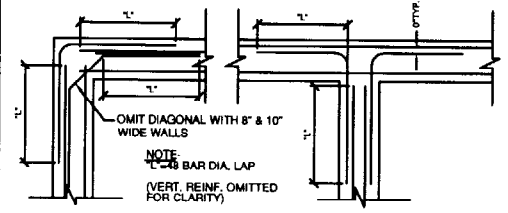
- ASSUMED DESIGN SOIL BEARING PRESSURE=1,500 PSF, TO BE VERIFIED BY PROJECT GEOTECHNICAL ENGINEER.
- CONCRETE: WALLS & FOOTINGS: Fc=3,000 P.S.I., 3/4" AGGREGATE, MAX. SLUMP = 4"; TYPE I OR II CEMENT. INTERIOR SLABS: Fc=3,500 P.S.I., 1 1/2" AGGREGATE, MAXIMUM SLUMP = 3"; NO ENTRAINED AIR, TYPE I OR II CEMENT. EXTERIOR SLABS: Fc=4,500 P.S.I., 1 1/2" AGGREGATE, MAXIMUM SLUMP = 3"; 4%-6% TOTAL AIR, TYPE I OR II CEMENT. (USE A MID-RANGE WATER REDUCER IF A HIGHER SLUMP IS DESIRED.)
- CONCRETE MIX DESIGN FOR INTERIOR SLABS TO MEET THE FOLLOWING CRITERIA: COMPLY WITH ACI 302, INDUSTRIAL SLAB-ON-GROUND.
- REINFORCING TO BE GRADE 60, NEW DEFORMED BARS. WELDED WIRE FABRIC (WWF) TO MEET ASTM A185.
- ALL FOUNDATION WALLS ARE 8" WIDE.
- UNLESS NOTED ON PIER DETAILS, ALL ANCHOR RODS ARE 3/4" DIA. A307 J-BOLT WITH 6" LONG HOOK, MIN. 12" EMBEDMENT.
- ALL FRAME AND WALK DOOR OPENINGS TO BE FIELD LOCATED.
- G.C. TO VERIFY AND COORDINATE ALL LOCATIONS OF OVERHEAD DOORS (OHD), PEOPLE DOORS, AND LOADING DOCKS.
- REF. ELEV. TOP OF FOUNDATION WALL = 100.0 FT, TYP. UNLESS NOTED OTHERWISE THUS "TOW-". REF. ELEV. TOP OF PIER = 100.0 FT, TYP. UNLESS NOTED OTHERWISE THUS "TOP-". REFERENCE BOTTOM OF WALL FOOTING ELEVATION = 95.17 FT, TYPICAL U.N.O. THUS "BOF-".
- ALL EXTERIOR FOOTINGS SHALL EXTEND A MINIMUM 4'-0" BELOW FINISH GRADE.
- ALL FOOTINGS TO BE CENTERED BELOW COLUMN BASE ABOVE.
- ALL SLAB SAW-CUT CONTROL JOINTS TO BE CUT IMMEDIATELY AFTER FINISHING.
- ALL SLABS TO BE WET CURED CONTINUOUSLY MINIMUM 7 DAYS AFTER PLACEMENT.
- SEE "VP" PLANS FOR ANCHOR ROD LOCATION, ORIENTATION, AND SIZE.
- REFER TO PROJECT GEOTECHNICAL ENGINEER REPORT FOR ALL FOUNDATION, DRAINAGE, COMPACTION, BACKFILL, AND SUB-GRADE PREPARATION REQUIREMENTS.
- G.C. TO DETERMINE SLAB PITCH REQUIREMENTS AND FIELD COORDINATE.
- ALL SUB SLAB STRUCTURAL FILL TO BE COMPACTED TO A MINIMUM OF 95% AS DETERMINED BY ASTM D-1557, UNLESS SPECIFIED DIFFERENTLY BY PROJECT GEOTECHNICAL ENGINEER.
- CONTRACTOR TO COMPLY WITH LATEST PROVISIONS OF ACI 305 AND ACI 306 FOR HOT AND COLD WEATHER CONCRETING.
- CONTRACTOR TO COMPLY WITH LATEST PROVISIONS OF ACI 304 FOR CONCRETE PLACEMENT.
- SLAB THICKNESS SHOWN DOES NOT TAKE INTO ACCOUNT LOADS FROM MACHINERY, EQUIPMENT, FORK TRUCKS, ETC. SINCE NO LOAD(S) WERE GIVEN TO PERFORM FORMAL DESIGN.



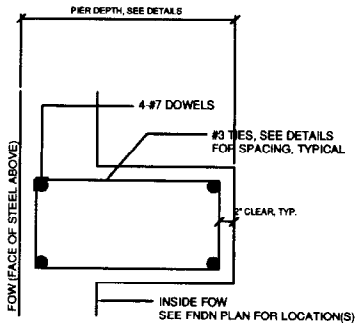
SLAB CONTROL JOINT DETAIL
N.T.S.



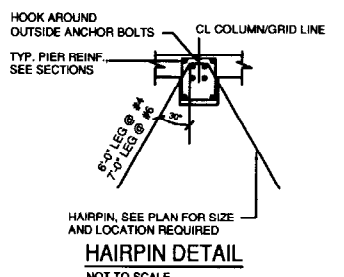
FOUNDATION WALL CONTROL JOINT DETAIL
N.T.S.



CORNER REINFORCING DETAIL
N.T.S.



TYPICAL PLAN VIEW OF PIER REINF.
N.T.S.



CONTRACTOR OPTION FOR HAIRPIN CONNECTION:
CONTRACTOR MAY USE "RICHMOND DB-SAE DOWEL BAR SPLICER", MATCH HAIRPIN REBAR SIZE. HOOK MIN. 16" INTO WALL/PIER WITH LEG FACING DOWN.

ANCHOR BOLT DETAILS		
DIAMETER	SHAPE	LOCATION
3/4" A36 T.R.	12" EMBED-3" PROJECTION NUT	SEE PIER DETAILS
3/4" A307	6" LONG HOOK 12" EMBED-3" PROJECTION	SEE PIER DETAILS
1" A36 T.R.	18" EMBED-3" PROJECTION NUT	SEE PIER DETAILS

ANCHOR BOLT NOTES:

- CONTRACTOR TO CONFIRM ANCHOR ROD LAYOUT WITH METAL BUILDING MANUF. PRIOR TO SETTING ANCHOR BOLTS.
- ALL ANCHOR RODS TO BE 3/4" Ø A307 J-BOLT U.N.O ON DETAILS.
- A36 THREADED RODS (T.R.) MAY BE USED IN LIEU OF J-BOLTS.
- EMBEDMENT SHOWN IS MIN. TO "TOP" OF NUT, OR HOOK.
- SEE VP PLANS FOR 1/2" DIA. J-BOLT REQ'S AT FRAMED OPENINGS.

SRG ENGINEERING, INC.
P.O. BOX 925
GRAY, ME 04039
TEL: (207) 857-7323
FAX: (207) 857-7342
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PATCO CONSTRUCTION, INC.
P.O. BOX 925
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FAX: (207) 857-7342
EMAIL: SRG@SRGENGINE.COM

FOUNDATION PLAN AND DETAILS
DATE: 12-15-03
SCALE: AS NOTED
SHEET S1

Additions to Existing Structures:

VP assumes no liability for snow accumulation loads that may be imposed on existing structures due to the proximity of this building.

Bracing:

Metal building brace rods and cables work in pairs to balance the forces caused by initial tensioning. Care must be taken when tightening brace rods or cables so as not to cause accidental damage or misalignment of building components. All rods/cables must be installed loose and then tightened sequentially and equally to maintain proper alignment of components. When properly tightened, rods and cables should not exhibit excessive sag. For long or large rod bracing it may be necessary to support the rod at mid-bay by suspending it from a purlin at the appropriate elevation.

Bracing for seismic or wind loading of suspended objects that are not part of the VP structure must be designed by a qualified professional engineer. The design must meet code requirements and safely deliver the lateral loads to one of the VP primary bracing systems. In addition, the bracing must be designed and erected in a manner that will not impose torsional or minor axis loads, or cause local failures in any VP structural components. No material may be cut, drilled, or otherwise removed from any part of this VP building without the consent of VP. The engineer ~~CAN~~ CANNOT rely on the VP roof deck to act as a diaphragm. VP accepts no responsibility for the design and installation of bracing for objects that are not furnished or specified by VP.

Field Welding:

All field welding shall be done in compliance with AWS procedures by welders qualified to perform the weld as directed by the associated welding procedure specification (WPS). A WPS shall be prepared by the contractor for each welding variation specified, as required by code. Unless noted otherwise, use E70XX electrodes. The contractor shall provide for any code specified special inspections.

Wall Openings:

Unless specifically noted otherwise on these drawings or the VP Buildings contract documents, all closeable wall openings such as windows and doors must be designed to resist the same code prescribed wind loads as applicable to the building. VP Buildings will not consider these as openings for the purpose of determining the building enclosure category unless specifically instructed in writing to do so.

Field Modifications:

Do not add loads to or otherwise modify this VP Building structure in any way. Any additions or modifications to this VP Building structure, including removal or alteration of cladding, must be performed under the supervision of a qualified licensed professional engineer who accepts all responsibility for the adequacy and consequences of the additions or modifications. VP Buildings, Inc. accepts no responsibility for the consequences of any additions or alterations to this structure.

If snow retention devices are required on this building, the governing code may require roof snow loads to be increased. Requirements for snow retention devices and the actual roof snow loading, must be specified in the contract documents. It is the responsibility of the Builder to verify with the Building Official and owner the required snow loading and whether or not snow retention devices will be used. VP Buildings, Inc. accepts no responsibility for the performance or consequences of these snow retention devices.

Removal of wall or roof cladding or segments thereof may seriously reduce the ability of the building to resist design loads, and must not be done except under the supervision of a qualified licensed professional engineer who accepts all responsibility for the adequacy and consequences of the modifications.

Continuous girts and purlins must not be cut without the advance written consent of VP. This includes but is not limited to cuts made for installation of field located framed openings for doors, louvers, windows, mechanical systems, and similar devices.

Masonry:

All fasteners and sealant for counter flashing of masonry or concrete is not by VP.

The engineer responsible for the design of the masonry wall is also responsible for ensuring that the design of the wall (including its base detail) is compatible with the deflection criteria for this building. VP accepts no responsibility for the design of masonry walls.

The VP eave purlins and rake channels are not designed to support lateral loads from masonry or other walls not by VP. Walls not by VP must not be attached to VP eave purlins or rake beams, other support material must be included.

Independent Mezzanines:

Independent mezzanines must be designed by a qualified professional engineer to meet all code requirements. The engineer must also ensure that proper isolation from the VP building has been provided to avoid impact due to differential movement. VP accepts no responsibility for the design of independent mezzanines.

Panels:

Oil Canning is an inherent characteristic of cold formed roof and wall panels. It is the result of several factors that include, but are not limited to, induced stresses in the base material, fabrication methods, installation procedures, and post installation thermal forces. Oil Canning does not affect the structural integrity or overall performance of the metal panels. Oil Canning is an aesthetic issue only and is not grounds for rejection of the panels.

Roof rumble describes the sound that SSR or SLR panels may experience in a windy location. There is not a structural concern when this occurs. Roof rumble generally occurs when there is no blanket insulation installed between the roof secondary structure and the underside of the roof panel.

When SSR or SLR type roof systems are used where "roof rumble" may be objectionable, blanket insulation should be installed between the panels and the supporting structure whether it is metal, plywood, Thermal board type rigid insulation or other system. A thin layer of fiberglass unfaced insulation (approximately one-inch thick) or some other form of sound dampening material should be placed between the roof panels and any hard surface, to minimize roof rumble. Where roof panels are installed over steel secondary members, a minimum of three-inches of fiberglass faced blanket insulation is highly recommended.

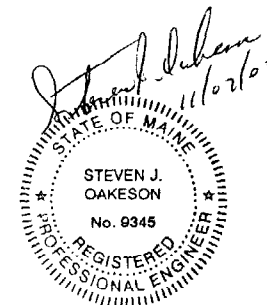
Roof rumble is a sound issue only and it is not cause for rejection of the roof system.

Parapets:

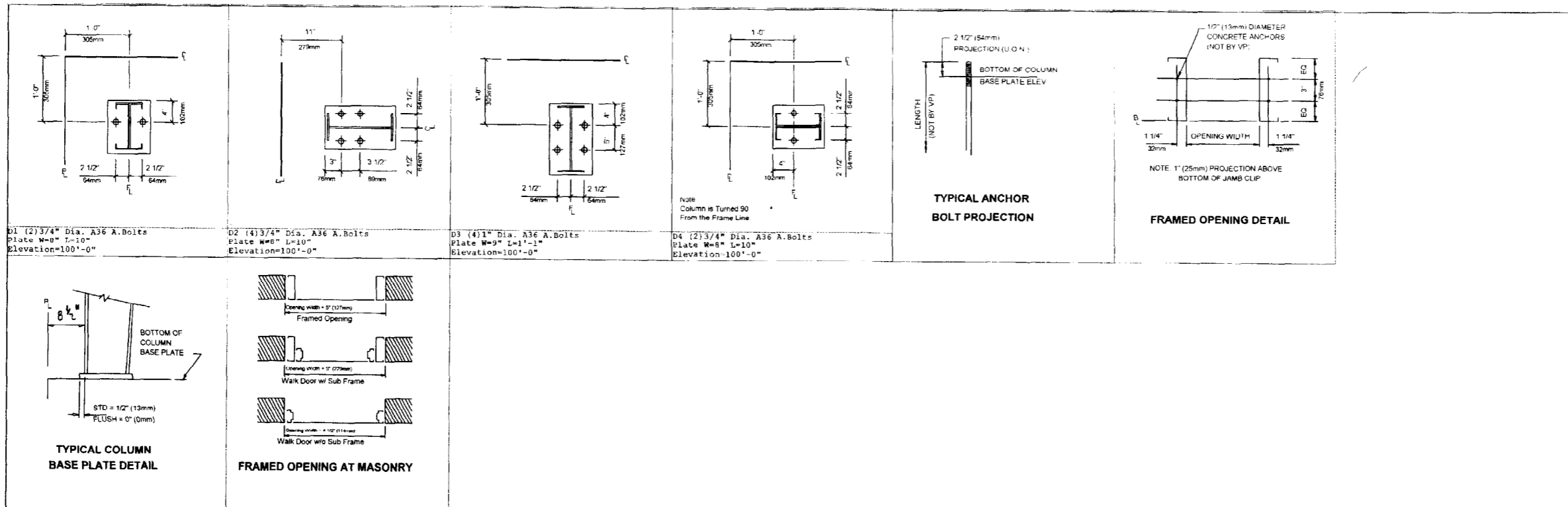
Buildings with parapet walls and internal gutters must be furnished with rainwater overflow mechanisms (such as scuppers) to prevent the accumulation of water in the event of a gutter blockage. It is the responsibility of the contractor to make sure that the scuppers are of the appropriate size, quantity, location, and design to prevent water accumulation on the roof. Failure to do so can result in building collapse. VP accepts no responsibility for the design and installation of overflow mechanisms.

Sealants:

Butyl - Service Temperature Range: -40 degrees F to 220 degrees F (-40 degrees C to 104 degrees C)
Tape - Service Temperature Range: -60 degrees F to 212 degrees F (-51 degrees C to 100 degrees C)



	<p>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 ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>Building Code: 99BOCA Live Load: (Not Reducible) 20.00 psf Coll. Load: Gravity 3.00, Uplift 0.00 psf Wind Speed: 90.00 mph Wind Exposure: B Ground Snow: 70.00 psf Snow Exposure Category: 2 Partially Exposed Seismic Hazard / Use Group: Group 1 Building Use: Standard Occupancy Structures</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>VP Buildings, Inc. 3200 Players Club Circle Memphis TN 38125</p> <table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DATE	BY	DESCRIPTION					<p><i>MKW</i> <i>11-7-03</i></p> <p>Erection Notes</p> <table border="1"> <tr> <td>BLASTER</td> <td>FATCO CONSTRUCTION</td> </tr> <tr> <td>CUSTOMER</td> <td> </td> </tr> <tr> <td>LOCATION</td> <td>Portland, Maine</td> </tr> <tr> <td>PROJECT</td> <td>Phoenix Welding</td> </tr> <tr> <td>BUILDERS PO#</td> <td>Phoenix Welding BO.vpc</td> </tr> </table>	BLASTER	FATCO CONSTRUCTION	CUSTOMER		LOCATION	Portland, Maine	PROJECT	Phoenix Welding	BUILDERS PO#	Phoenix Welding BO.vpc	<table border="1"> <tr> <td>STATE OF MAINE</td> <td> </td> </tr> <tr> <td>STEVEN J. OAKESON</td> <td> </td> </tr> <tr> <td>No. 9345</td> <td> </td> </tr> <tr> <td>REGISTERED PROFESSIONAL ENGINEER</td> <td> </td> </tr> </table> <table border="1"> <tr> <td>JOB #</td> <td>WI0301217-01</td> </tr> <tr> <td>DATE</td> <td>11/7/2003</td> </tr> <tr> <td>DRAWN/CHECK</td> <td>gdm dc</td> </tr> <tr> <td>PAGE</td> <td>2</td> </tr> </table>	STATE OF MAINE		STEVEN J. OAKESON		No. 9345		REGISTERED PROFESSIONAL ENGINEER		JOB #	WI0301217-01	DATE	11/7/2003	DRAWN/CHECK	gdm dc	PAGE	2
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D1 (2) 3/4" Dia. A36 A.Bolts
 Plate W=9" L=10"
 Elevation=100'-0"

D2 (4) 3/4" Dia. A36 A.Bolts
 Plate W=8" L=10"
 Elevation=100'-0"

D3 (4) 1" Dia. A36 A.Bolts
 Plate W=9" L=11"
 Elevation=100'-0"

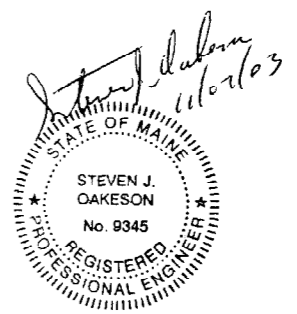
D4 (2) 3/4" Dia. A36 A.Bolts
 Plate W=8" L=10"
 Elevation=100'-0"

TYPICAL ANCHOR BOLT PROJECTION
 2 1/2" (54mm) PROJECTION (U.O.N.)
 BOTTOM OF COLUMN BASE PLATE ELEV.
 LENGTH (NOT BY VP)

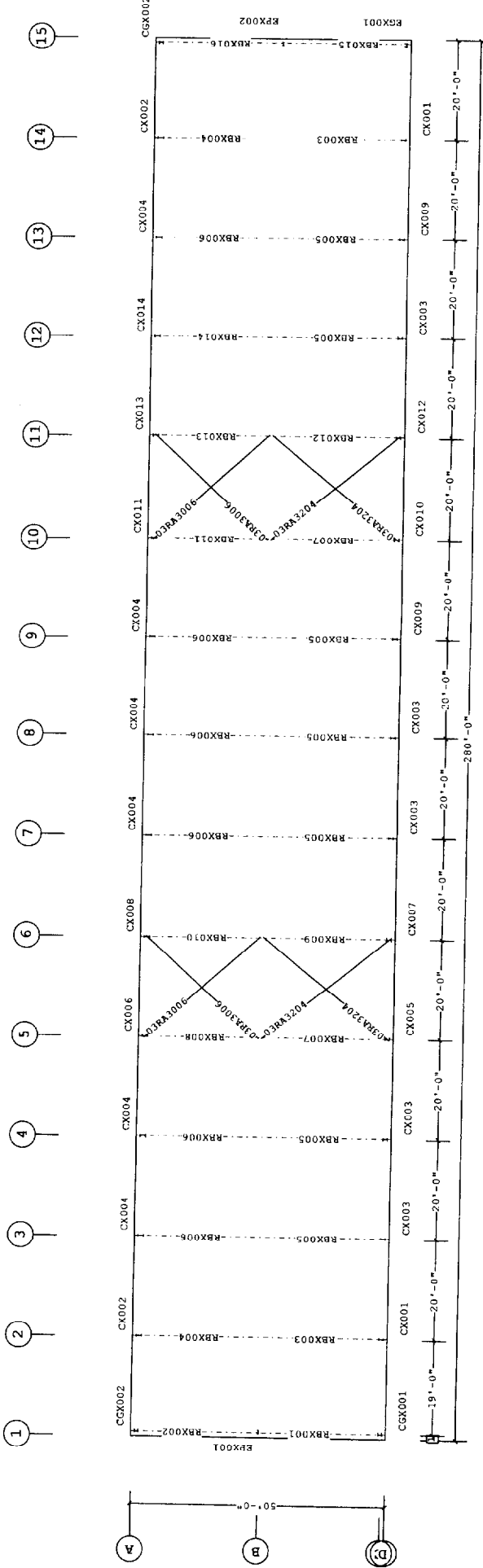
FRAMED OPENING DETAIL
 1/2" (13mm) DIAMETER CONCRETE ANCHORS (NOT BY VP)
 1 1/4" (32mm) OPENING WIDTH
 NOTE: 1" (25mm) PROJECTION ABOVE BOTTOM OF JAMB CLIP

TYPICAL COLUMN BASE PLATE DETAIL
 BOTTOM OF COLUMN BASE PLATE
 STD = 1/2" (13mm)
 PLUS = 0" (0mm)

FRAMED OPENING AT MASONRY
 Opening width = 3' (914mm) Framed Opening
 Opening width = 3' (914mm) Walk Door w/ Sub Frame
 Opening width = 4' 10" (1483mm) Walk Door w/o Sub Frame



1. CONCRETE, GROUT, ANCHOR BOLTS, AND ANY OTHER EMBEDDED ITEMS ARE TO BE FURNISHED BY OTHERS. 2. ANCHOR BOLT DIAMETERS WERE DETERMINED BY ALLOWABLE SHEAR AND TENSION PER AISC SPECIFICATIONS (FY = 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. 3. DESIGN LOADS AND REACTIONS ARE FURNISHED ON OTHER DOCUMENTS. 4. 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 ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.	Building Code: 99BOCA Live Load: (Not Reducible) 20.00 psf Coll. Load: Gravity 3.00, Uplift 0.00 psf Wind Speed: 90.00 mph Wind Exposure: B Ground Snow: 70.00 psf Snow Exposure Category: 2 Partially Exposed Seismic Hazard / Use Group: Group 1 Building Use: Standard Occupancy Structures	THIS DRAWING INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND SHALL NOT BE MODIFIED, 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 ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING. DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	VP Buildings, Inc. 3200 Players Club Circle Memphis TN 38125	ANCHOR BOLT PLAN - DETAILS BUILDER: PATCO CONSTRUCTION CUSTOMER: LOCATION: Portland, Maine PROJECT: Phoenix Welding BUILDER FROM: Phoenix Welding BO.vpc FILENAME: WI0301217-010E1.vpc	JOB # WI0301217-01 DATE 11/7/2003 DRAWN/CHECKED gem dc PAGE 4
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PRIMARY AND ROOF BRACING PLAN

1 1'-0"
 Dimension Key

- USE 1/2 DIA. A325 BOLTS FOR PERIM TO FRAME, GIRTS TO FRAME, AND GIRTS TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE. SEE JOB DETAILS FOR BOLT LENGTHS.
- SECT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.

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

Building Code: 99E0CA
 Live Load: (Not Reducible) 20.00 psf
 Coll. Load: Gravity 3.00, Uplift 0.00 psf
 Wind Speed: 90.00 mph
 Snow Exposure Category: 2
 Ground Snow: 70.00 psf
 Seismic Hazard / Use Group: Group 1
 Building Use: Standard Occupancy Structures

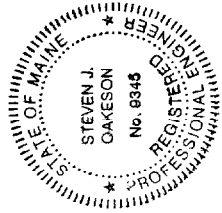
VP Ref: Shape Name = Phoenix Welding
 THE DRAWING INCLUDING THE INFORMATION HEREON IS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED AS A SERVICE TO THE CLIENT DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND IS NOT TO BE REPRODUCED OR USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN APPROVAL OF VP BUILDINGS.
 THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP AND FOR OBTAINING ALL NECESSARY PERMITS, AND INDUSTRY STANDARDS PERTAINING TO PERFORMING AND INSURING THE CORRECT USE OF TEMPORARY BRACING.

REV.	DATE	BY	DESCRIPTION

VP Buildings, Inc.
 1200 Players Club Circle Memphis TN 38125

PRIMARY AND ROOF BRACING PLAN

DATE	11/7/2003
PROJECT	Phoenix Welding
LOCATION	Phoenix Welding
CLIENT	VP BUILDINGS
SCALE	AS SHOWN
FILE	VP-VERSION 4.09



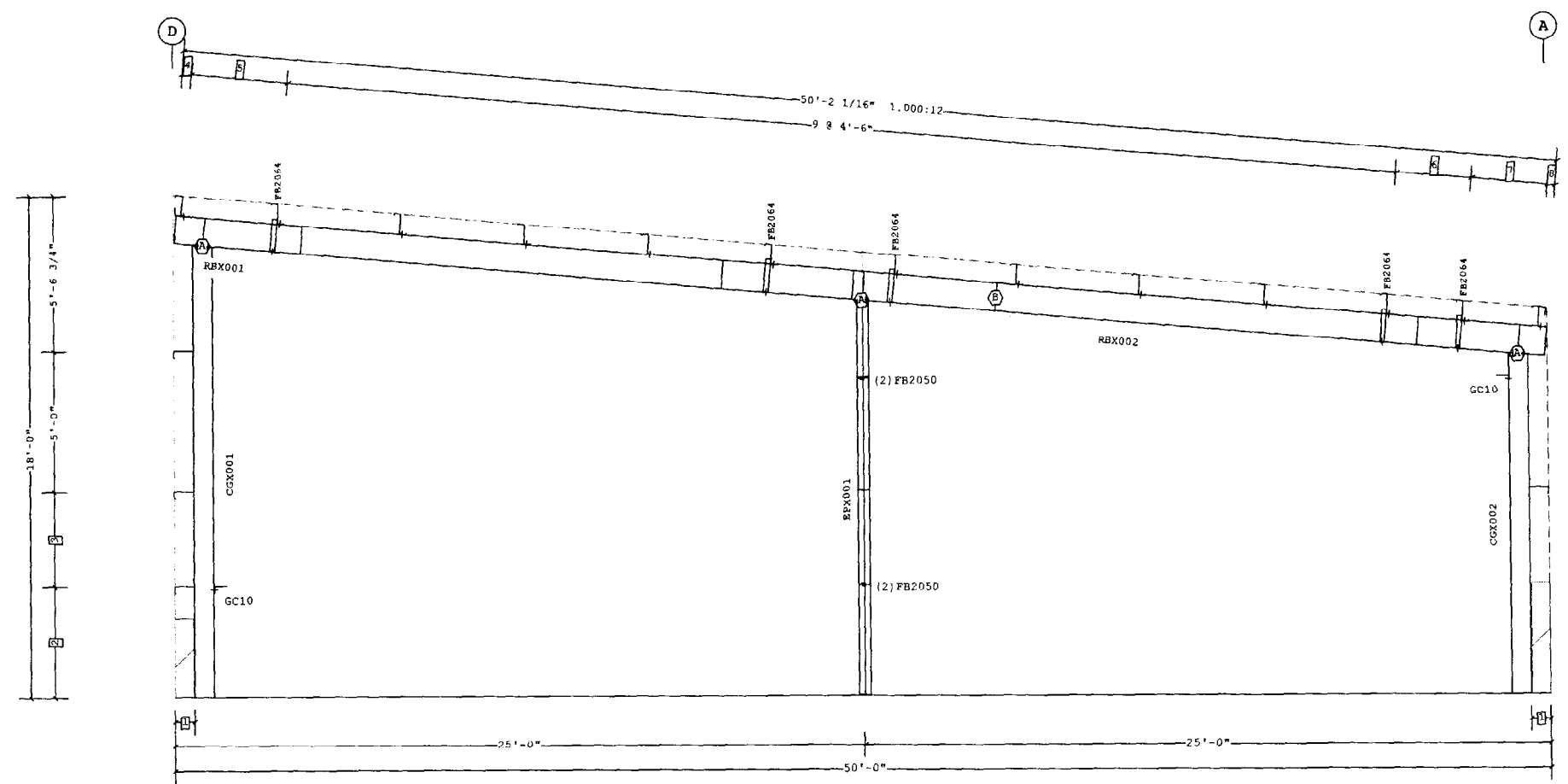
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VP BUILDINGS
 VP-VERSION 4.09

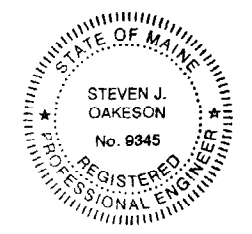
Frame Member Schedule						
Part	Mem. Width	Thick.	Webthk	Depth1	Depth2	Approx. Lgth
CGX001	1 5"	.0590	28.0590	8 1/2"	8 1/2"	16'-2 11/16"
RBX001	2 5"	.2500	.1345	1'-0"	1'-0"	29'-11 13/16"
	3 5"	.2500	.1345	1'-0"	1'-0"	
	4 5"	.2500	.1345	1'-0"	1'-0"	
	5 5"	.2500	.1345	1'-0"	1'-0"	
RBX002	6 5"	.1875	.1345	1'-0"	1'-0"	20'-0 13/16"
	7 5"	.1875	.1345	1'-0"	1'-0"	
CGX002	8 5"	.0590	28.0590	8 1/2"	8 1/2"	12'-2 1/8"
EPX001	9 5"	.1345	.1644	9"	9"	14'-2 5/8"

A325 Bolt Connection & Plate Schedule							
Id	Qty	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Tension Washer
A	4	1/2"	1 1/2"	3/8"	1	1	
B	4	3/4"	2"	3/8"	1	1	

Frame Clearances
 Horiz. Clearance between members 1(CGX001) and 8(CGX002): 47'-2"
 Vert. Clearance at member 1(CGX001): 16'-2"
 Vert. Clearance at member 8(CGX002): 12'-2 7/8"
 Vert. Clearance at member 9(EPX001): 14'-2 7/16"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



- 8 3 3/8"
 - 7 2'-9 5/16"
 - 6 2'-9 3/8"
 - 5 3'-6"
 - 4 4 1/16"
 - 3 3'-5 1/4"
 - 2 4'-0"
 - 1 8 1/2"
- Dimension Key



1. USE 1/2 DIA. A325 BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE. SEE JOB DETAILS FOR BOLT LENGTHS.
 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.

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 ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

Building Code: 99BOCA
 Live Load: (Not Reducible) 20.00 psf
 Coll. Load: Gravity 3.00, Uplift 0.00 psf
 Wind Speed: 90.00 mph
 Wind Exposure: B
 Ground Snow: 70.00 psf
 Snow Exposure Category: 2 Partially Exposed
 Seismic Hazard / Use Group: Group 1
 Building Use: Standard Occupancy Structures

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND SHALL NOT BE MODIFIED, 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 ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

VP Buildings, Inc.				FRAME CROSS SECTION AT FRAME LINE(S) 1	
REV	DATE	BY	DESCRIPTION	REVISION	DATE
				PATCO CONSTRUCTION	
				PORTLAND, MAINE	
				PHOENIX WELDING	
				Phoenix Welding BO.vpc	

Frame Member Schedule

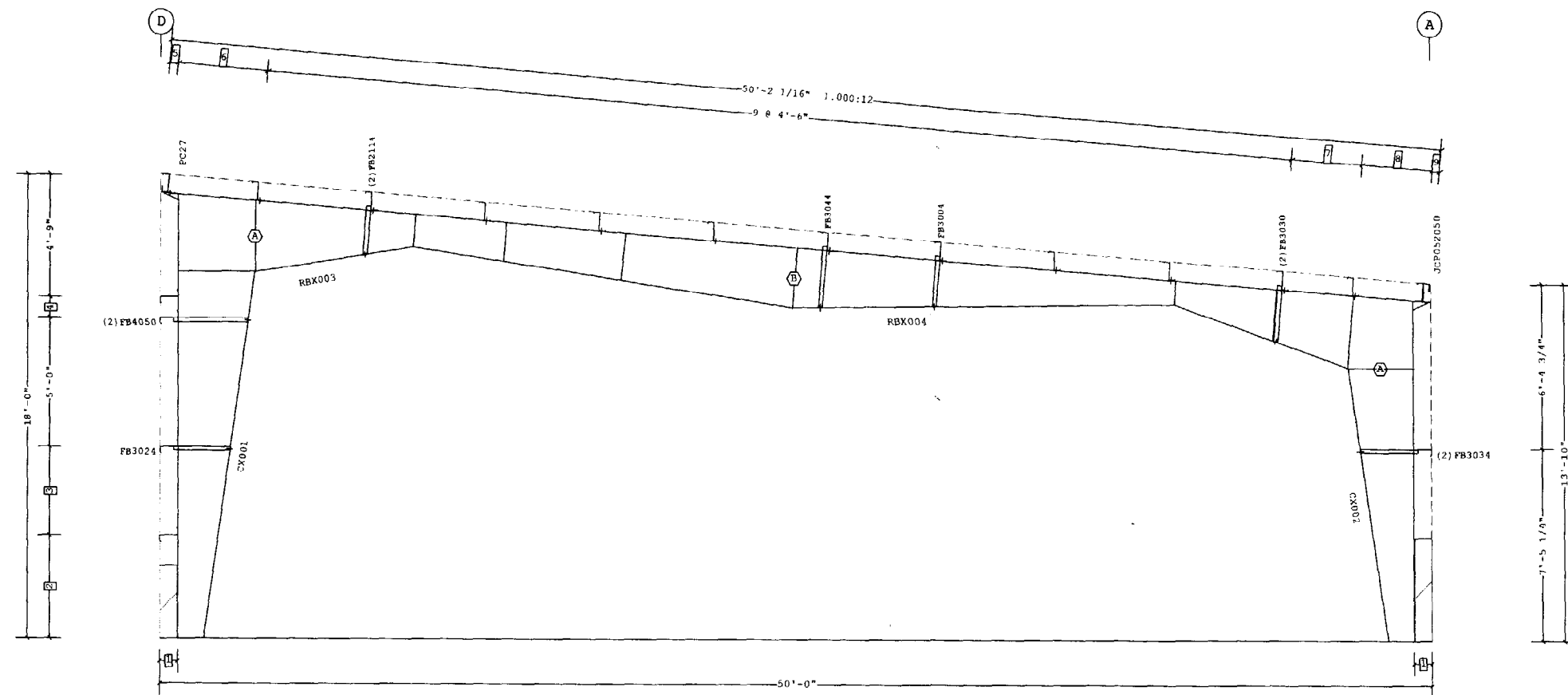
Part	Mem. Width	Thick.	Webthk	Depth1	Depth2	Approx. Lgth
CX001	15"	.3125	.1875	1'-0"	3'-0"	17'-2 3/4"
RBX003	25"	.3125	.1644	2'-9"	1'-3"	21'-4 3/8"
	35"	.3125	.1345	1'-3"	2'-4"	
RBX004	45"	.3125	.1644	2'-4"	11"	25'-0 13/16"
	55"	.2500	.1644	11"	2'-10"	
CX002	65"	.2500	.1875	1'-0"	2'-7"	10'-6 5/8"

A325 Bolt Connection & Plate Schedule

Id	Qty	Bolt	Plate	Rows	Tension	Washer	Out	
							In	Bolt
A	10	3/4"	2 1/4"	5/8"	3	2		
B	8	3/4"	2"	1/2"	1	3		

Frame Clearances

Horiz. Clearance between members 1(CX001) and 6(CX002): 43'-0"
 Vert. Clearance at member 1(CX001): 14'-2 5/8"
 Vert. Clearance at member 6(CX002): 10'-6 5/8"
 Finished Floor Elevation - 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 2

- 9 3 3/8"
- 8 2'-9 5/16"
- 7 2'-9 3/8"
- 6 3'-6"
- 5 4 1/16"
- 4 9 3/4"
- 3 3'-5 1/4"
- 2 4'-0"
- 1 8 1/2"

Dimension Key



VP Ref: Shape Name = Phoenix Welding Wall 4, Frame 2

1. USE 1/2 DIA. A325 BOLTS FOR BURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIF CONNECTIONS UNLESS NOTED OTHERWISE. SEE JOB DETAILS FOR BOLT LENGTHS.
 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.

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Building Code: 99BOCA
 Live Load: (Not Reducible) 20.00 psf
 Coll. Load: Gravity 3.00, Uplift 0.00 psf
 Wind Speed: 90.00 mph
 Wind Exposure: B
 Ground Snow: 70.00 psf
 Snow Exposure Category: 2 Partially Exposed
 Seismic Hazard / Use Group: Group 1
 Building Use: Standard Occupancy Structures

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VP Buildings, Inc.
 3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

FRAME CROSS SECTION AT FRAME LINE(S) 2

BUILDER	PARCO CONSTRUCTION
CUSTOMER	
LOCATION	Portland, Maine
PROJECT	Phoenix Welding
DRAWN BY	Phoenix Welding BO.vpc
CHECKED BY	
DATE	



JOB #	WI0301217-01
DATE	11/7/2003
DRAWN BY	gen
CHECKED BY	dc
PAGE	7

11/7/2003

9:05:49

LENAME WI0301217-010E1.vpc

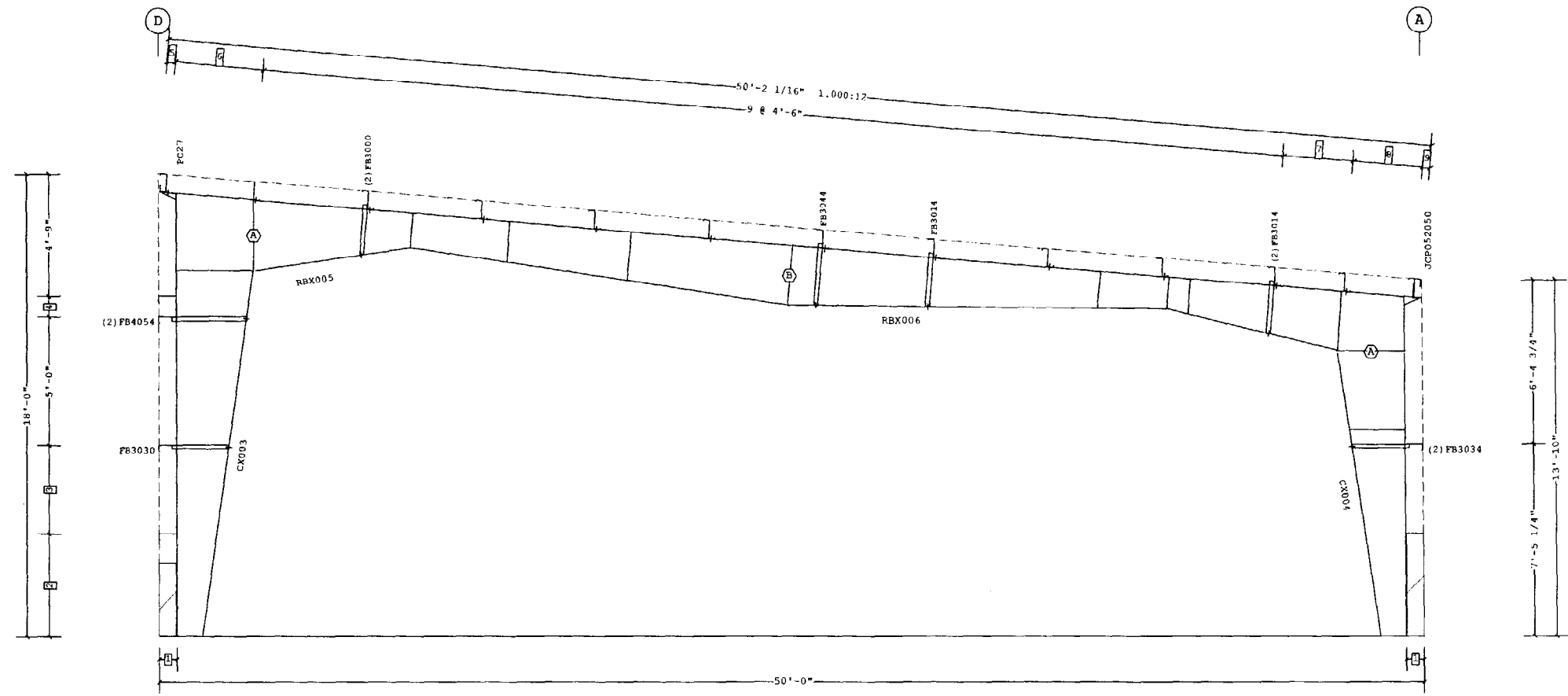
Frame Member Schedule

Part	Mem. Width	Thick.	Webthk	Depth1	Depth2	Approx. Lgth
CX003	1 5"	.3125	.1875	1'-0"	3'-1"	17'-2 3/4"
RBX005	2 5"	.3125	.1644	2'-9"	1'-4"	21'-3 3/8"
	3 5"	.3125	.1345	1'-4"	2'-4"	
RBX006	4 5"	.3125	.1345	2'-4"	1'-3"	25'-0 13/16"
	5 5"	.2500	.1875	1'-3"	2'-4"	
CX004	6 5"	.3125	.1644	1'-0"	2'-0"	11'-0 3/4"

A325 Bolt Connection & Plate Schedule

Id	Qty	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Tension Bolt	Washer
A	10	3/4"	2 1/4"	5/8"	3	2		
B	8	3/4"	2"	1/2"	1	3		

Frame Clearances
 Horiz. Clearance between members 1(CX003) and 6(CX004): 42'-10"
 Vert. Clearance at member 1(CX003): 14'-2 9/16"
 Vert. Clearance at member 6(CX004): 11'-0 3/4"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 4

- Dimension Key
- 9 3 3/8"
 - 8 2'-9 5/16"
 - 7 2'-9 3/8"
 - 6 3'-6"
 - 5 4 1/16"
 - 4 9 3/4"
 - 3 3'-5 1/4"
 - 2 4'-0"
 - 1 8 1/2"

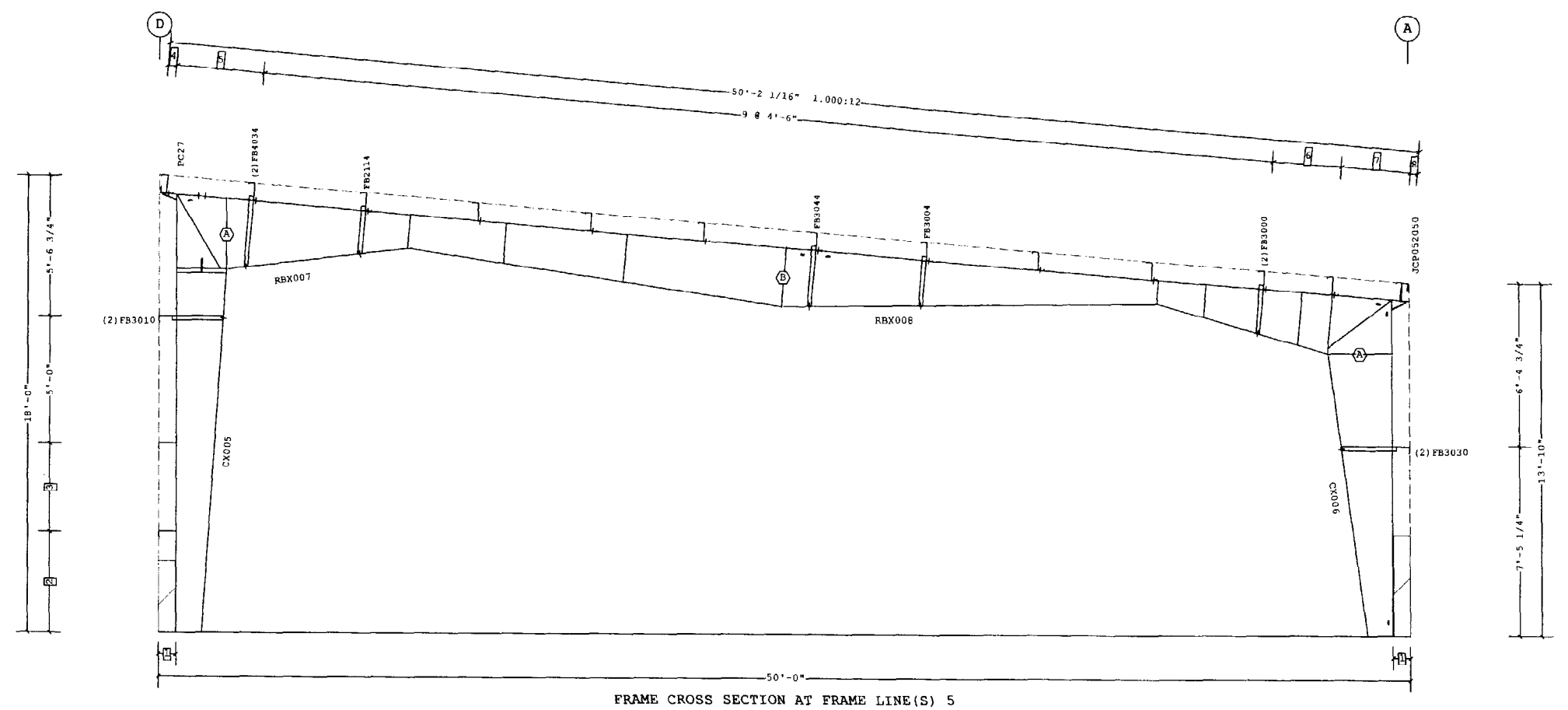


<p>1. USE 1/2 DIA. A325 BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE. SEE JOB DETAILS FOR BOLT LENGTHS.</p> <p>2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.</p>	<p>THE VP ENGINEER'S SEAL APPLIES ONLY 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 ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>Building Code: 99BOCA Live Load: (Not Reducible) 20.00 psf Coll. Load: Gravity 3.00, Uplift 0.00 psf Wind Speed: 90.00 mph Wind Exposure: B Ground Snow: 70.00 psf Snow Exposure Category: 2 Partially Exposed Seismic Hazard / Use Group: Group 1 Building Use: Standard Occupancy Structures</p>	<p>THIS DRAWING INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING AND ALL APPLICABLE VP ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>VP Buildings, Inc. 3200 Players Club Circle Memphis TN 38125</p>		<p>FRAME CROSS SECTION AT FRAME LINE(S) 4</p>	
				<p>11/7/2003</p>	<p>9:05:52</p>	<p>BUILDER: PATCO CONSTRUCTION CUSTOMER: LOCATION: Portland, Maine PROJECT: Phoenix Welding BUILDER PGP: Phoenix Welding BO.vpc FILENAME: WI0301217-010E1.vpc</p>	<p>VP BUILDINGS VPC VERSION 4.00</p>

Frame Member Schedule						
Part	Mem. Width	Thick.	Webthk	Depth1	Depth2	Approx. Lgth
CX005	1 8"	.5000	.1875	1'-0"	2'-0"	17'-2 3/4"
RBX007	2 5"	.3125	.1875	2'-9"	1'-4"	22'-4 3/8"
	3 5"	.3125	.1345	1'-4"	2'-4"	
RBX008	4 6"	.3125	.1345	2'-4"	11"	25'-0 13/16"
	5 6"	.3125	.1345	11"	2'-4"	
CX006	6 5"	.3125	.1644	1'-0"	2'-7"	11'-0 11/16"

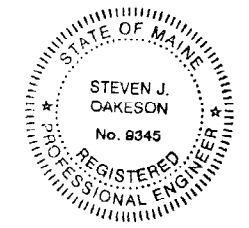
A325 Bolt Connection & Plate Schedule							
Id	Qty Bolt	Bolt Dia.	Plate Length	Thick.	Rows Out	Rows In	Tension Washer Bolt
A	10	3/4"	2 1/4"	5/8"	3	2	
B	6	3/4"	2 1/4"	5/8"	1	2	

Frame Clearances
 Horiz. Clearance between members 1(CX005) and 6(CX006): 44'-0"
 Vert. Clearance at member 1(CX005): 14'-3 5/8"
 Vert. Clearance at member 6(CX006): 11'-0 11/16"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 5

- 8 3 3/8"
 - 7 2'-9 5/16"
 - 6 2'-9 3/8"
 - 5 3'-6"
 - 4 4 1/16"
 - 3 3'-5 1/4"
 - 2 4'-0"
 - 1 8 1/2"
- ☐ Dimension Key



1. USE 1/2 DIA. A325 BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE. SEE JOB DETAILS FOR BOLT LENGTHS. 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.	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 ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.	Building Code: 99BOCA Live Load: (Not Reducible) 20.00 psf Coll. Load: Gravity 3.00, Uplift 0.00 psf Wind Speed: 90.00 mph Wind Exposure: B Ground Snow: 70.00 psf Snow Exposure Category: 2 Partially Exposed Seismic Hazard / Use Group: Group 1 Building Use: Standard Occupancy Structures	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND SHALL NOT BE MODIFIED, 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 ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	VP Buildings, Inc. 3200 Players Club Circle Memphis TN 38125		FRAME CROSS SECTION AT FRAME LINE(S) 5	
				REV. DATE BY DESCRIPTION	BULKYER FATCO CONSTRUCTION CUSTOMER LOCATION Portland, Maine PROJECT Phoenix Welding DRAWING NO. Phoenix Welding BO.vpc FILENAME WI0301217-010E1.vpc	JOB # WI0301217-01 DATE 11/7/2003 DRAWING CHECK gem dc PAGE 10 VPC VERSION 4.0a	