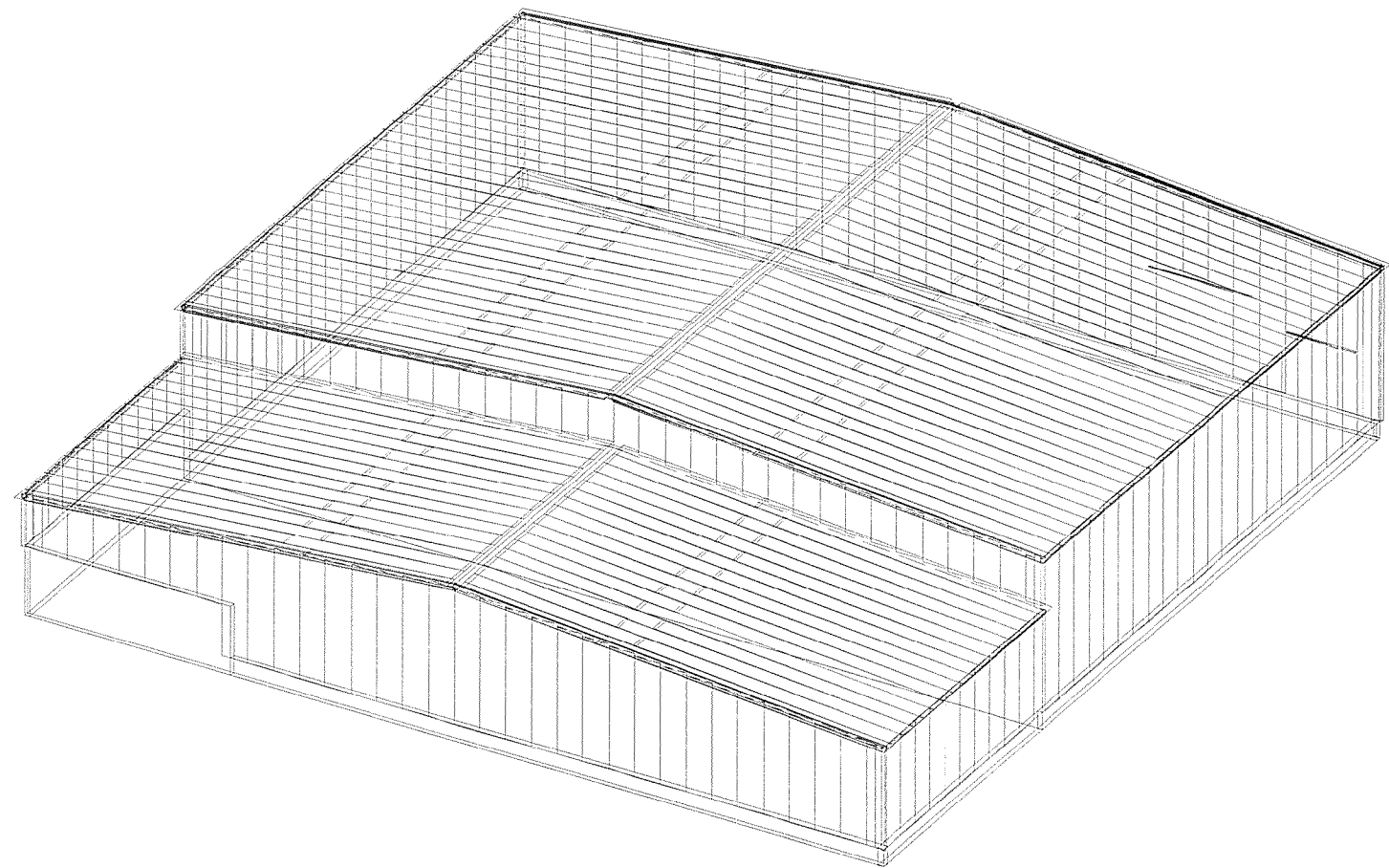
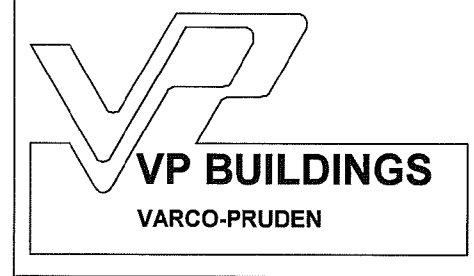


DRAWING INDEX

DRAWING TITLE	PAGES
Cover Sheet	
Notes	
Anchor Bolt Plan	
Primary Structural	
Secondary Structural	
Covering	
Special Drawings	
Standard Erection Details	

DRAWING RELEASE HISTORY

TYPE	DATE	DESCRIPTION
A.B. PLAN & REACTIONS FOR CONST.	10-20-05	1-4 & 1-54
PERMITS	10-20-05	1-25



VP Buildings, Inc. 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  
 HOLLOW STRUCTURAL SECTION (HSS)  
 CLADDING

ASTM DESIGNATION

A529, A572, A1011 SS  
 A1011 SS  
 A572  
 A36, A572, A629, A992  
 A500  
 A653, A792  
 GRADE 50  
 GRADE 65  
 GRADE 65  
 GRADE 36 KSI OR GRADE 60  
 GRADE B  
 GRADE 60 CLASS 2 OR GRADE 80

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 FRAMING, 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.

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.

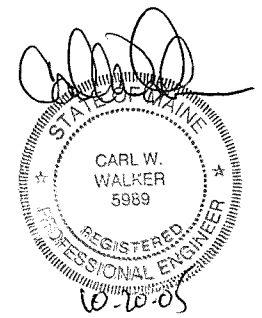
Building Code: 2003 International Building Code  
 main: Building Use: Standard Occupancy Structure, Collateral Gravity: 3.00 psf (Not Including bldg wt)  
 LIVE LOADS AND RAINFALL  
 Live Load 20.00 psf (Not Reducible)  
 Rainfall: 4.00 in per hour

SNOW LOAD  
 Ground Snow: 70.00 psf, Flat Roof Snow: 49.00 psf  
 Snow Exposure Category (Factor): 2 Partially Exposed (1.00)  
 Snow Importance: 1.000 Thermal Category (Factor): Heated (1.00)

WIND LOAD  
 Wind Speed: 100.00 mph, Wind Exposure: B  
 Basic Wind Pressure: 15.24 psf  
 Wind Importance Factor: 1.000, Ft= Topographic Factor: 1.0000  
 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

EARTHQUAKE DESIGN DATA  
 Lateral Force Resisting Systems using Equivalent Force Procedure  
 Mapped Spectral Response - Ss: 37.40 %g, S1: 10.00 %g  
 Seismic Hazard / Use Group: Group 1  
 Seismic Performance / Design Category: C (See Bolt Tightening Note Above)  
 Seismic Snow Load: 9.80 psf  
 Seismic Importance: 1.000  
 Soil Profile Type: Stiff soil (D, 4)  
 Design Spectral Response - Sds: 0.0000, Sd1: 0.0000

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



JAH  
 10-19-05

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 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.

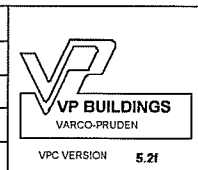
THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.



VP BUILDINGS, INC.  
 AISC CATG. MB CERTIFIED

COVER SHEET

BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PCB	



JOB #	W10501267-01
DATE	10/20/2005
DRAWN / CHECK	DAT
PAGE	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 builders 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 1/300.

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-bay 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 billed on the shipping document. Neither the Manufacturer nor the carrier is responsible for material shortages against quantities billed 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 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.

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

Tape sealants - Service Temperature Range (Degrees): Min -60F (-60C); 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.

**FIRE CODE COMPLIANCE**

It is the responsibility of the project design professional and builder to comply with local fire code regulations including consideration of, but not limited to, building use and occupancy, all building construction materials, separation requirements, egress requirements, fire protection systems, etc. Builder shall advise VP of any special requirements to be furnished by VP.

SSR roof fire tested to ASTM E108-93 Class A rating. VP steel roof systems are defined by IBC as Fire Class A roof assemblies (Sec 1605.2).

VP SSR steel roof systems are available for FM Class 1 fire rating. UL 263 approved fire rated assemblies listed as Design No. P265, P268 and P516.

**FIELD MODIFICATIONS**

Modifications to this building from details and instructions contained on these drawings must be approved in writing by VP Building engineers, or other licensed structural engineer. This includes, but is not limited to, removal of roof or wall cladding, removing or moving any flange braces or rod braces, cutting of openings for doors, windows or RTU's, correction of fabrication errors, etc. The owner shall not impose loads to this structure beyond what is specified for this building in the contract documents. VP Buildings, Inc. accepts no responsibility for the consequences of any unauthorized additions, alterations, or added loads to this structure.

Per VP Builder Memo #BM-001, if the builder intends to invoice VP Buildings for modifications in excess of \$1000, the builder must notify VP Buildings immediately, and obtain a Work Authorization from VP Buildings prior to proceeding. All final claims must be submitted to VP Buildings with all supporting documentation within 30 days of the building completion. Claims submitted without work authorizations, or after 30 days will not be accepted. Correction of minor misfits, shimming and plumbing, moderate amount of reaming, drilling, chipping / cutting and minor welding are considered by Code of Standard Practice to be part of erection are not subject to claim reimbursement.

**CONCRETE/MASONRY/CONVENTIONAL STUD WALLS**

The engineer responsible for the design of the wall system is responsible for coordinating with, or specifying to VP Buildings, any wall to steel compatibility issues such as drift and deflection compatibility, special base details, and wall to VP steel connections. All fasteners, sealant and counter flashing of wall systems are to be provided by contractor.

**PANELS**

Oil canning is an inherent characteristic of cold formed steel panels. It is the result of several factors that include induced stresses in the raw material delivered to VP, fabrication methods, installation procedures, and post installation thermal forces. Thru fastened panels will exhibit some dimpling when installed, especially when insulation is installed between panels and secondary supports. Dimpling can be minimized by careful installation, taking care not to over drive fasteners.

Roof rumble is a phenomenon that is caused by wind gusts lifting up on the roof panels and then springing back into place. All panels experience this action to some degree, especially with concealed clip panels such as SSR and SLR. Roof rumble noise may be minimized by providing a layer of blanket insulation between the panels and any hard support surface such as steel secondary members, substrates such as plywood, steel decking, or rigid board insulation. A minimum of 3 inch thick blanket is recommended over steel secondary members, or 2 inch over substrates.

Oil canning, dimpling, and roof rumble do not affect the structural integrity or weather tightness of the panels and is not grounds for rejection of panels.

**SKYLIGHTS**

VP's Tuffites and VP's domed skylight have been tested to support a 300 lb. load over a 1 sq. ft. area, as well as uniform gravity and uplift load test. Local building departments may require added fall restraint due to conditions that may affect the skylight structural integrity. It is the responsibility of the builder to determine and provide any added fall restraint under the skylight as may be required by your building department.

**RAIN WATER RUNOFF**

Drainage systems must be designed by the project professional to comply with code requirements. VP is not responsible for drainage designs, overflow scuppers, down piping, etc. The project professional and contractor are responsible to ensure that primary drains and overflow devices such as scuppers and auxiliary drains are provided as required for the required rain intensity at the building perimeter and at valley conditions to prevent ponding.

**STEEL SHOP COAT**

The purpose of VP's shop coat is to provide protection for the steel members during transportation, during temporary job site storage and during erection. Standard shop formulation is not designed to perform as a finish coat when exposed to environmental conditions. Members shall be kept free of the ground and properly drained during job site storage. It is the Builder's responsibility to ensure that if a finish coat is being applied over VP shop coat that the painting contractor verifies compatibility between his finish coat and VP's shop coat. See VP Builder Memo #BM-001 & #BM-002.

**VP BUILDINGS CERTIFICATIONS**

PLANT SPECIFIC CERTIFICATIONS						
	Alabama	California	Missouri	No. Carolina	Wisconsin	Mexico
AISC	MB Cert.	MB Cert.	MB Cert.	MB Cert.	MB Cert.	MB Cert.
IAS	FA-377	FA-240	FA-388	FA-376	FA-378	
CSA-A660		VPBULO			VPBUJO	
CWB		Div. 1			Div. 1	
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				

**ICC Evaluation Reports**

SSR Roof System - #ER-5621  
Panel Rib Roof and Wall - #ER-4879  
Vee Rib Wall - #ER-4879

State of Florida Product Approval (Listed as VP Buildings)

Dade Co. Product Certification

SSR Roof NOA#03-0206.13; Panel Rib Roof NOA#02-0123.08; Panel Rib Wall NOA#02-04187.01;

Vee Rib Wall NOA#01-1128.05

Underwriter's Laboratory Approvals

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

Class 90-UL#TGKX-328;

Panel Rib Roof UL Class 80-UL#TGKX-60; Panel Rib Roof UL Class 90-UL#TGKX-64;

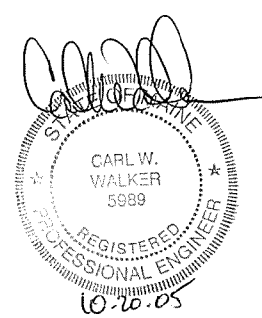
VP SLR/AEP SL Roof Class 90-UL#TGKX-60

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.



JAH  
10-17-05

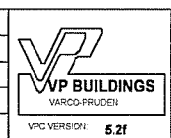
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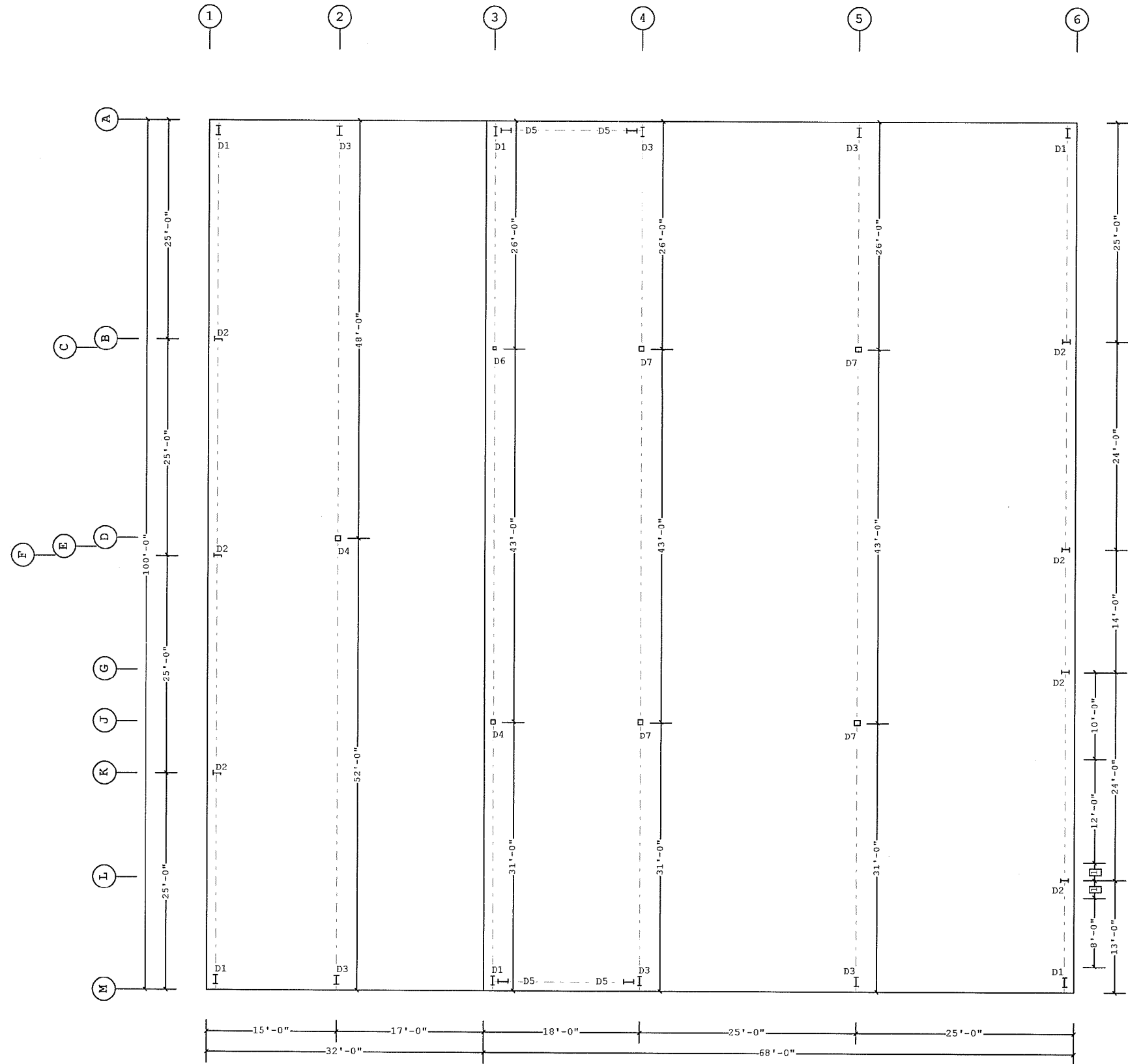
THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

Erection Notes	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PO#	



JOB #	WI0501287-01
DATE	10/20/2005
DRAWN/CHECK	DAT
PAGE	2



ANCHOR BOLT PLAN

Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

*Carl W. Walker*  
 REGISTERED PROFESSIONAL ENGINEER  
 CARL W. WALKER  
 5939  
 10.20.05

1 2'-0"  
 Dimension Key

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

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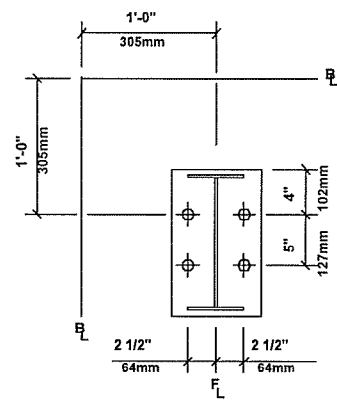
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VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

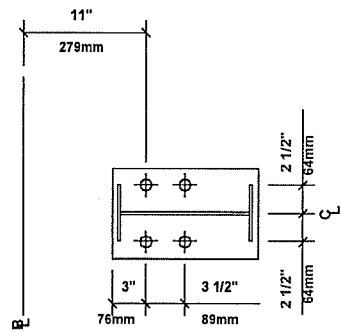
ANCHOR BOLT PLAN	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PC#	



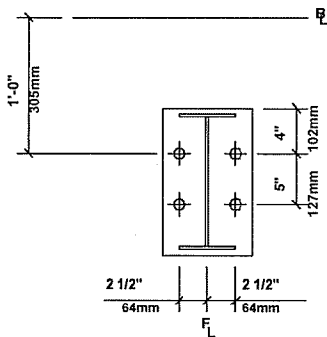
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DATE	10/20/2005
DRAWN/CHECK	DAT
PAGE	3



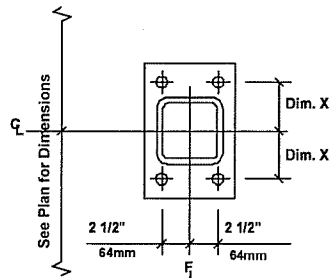
D1 (4) 3/4" Dia. A36 A.Bolts  
Plate W=8" L=1'-1"  
Elevation=100'-0"



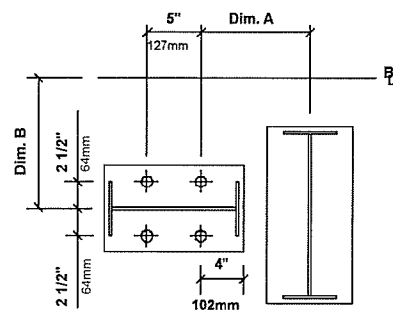
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Elevation=100'-0"



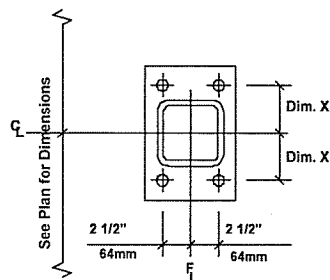
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Elevation=100'-0"



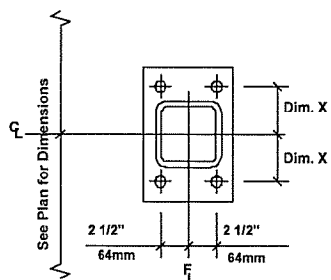
D4 (4) 3/4" Dia. A36 A.Bolts  
Plate W=8" L=1'-1", X=4 1/4"  
Elevation=99'-6"



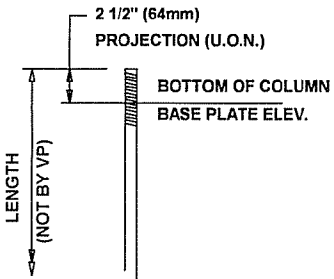
D5 (4) 3/4" Dia. A36 A.Bolts  
Plate W=8" L=1'-3"  
Elevation=100'-0"  
Dim A=11 1/2" Dim B=1'-1"



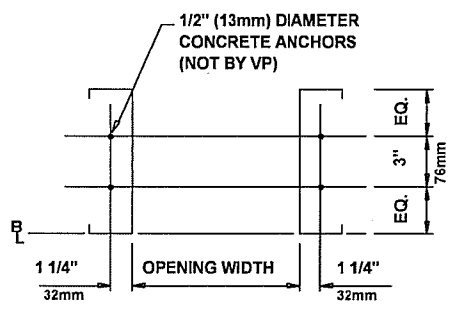
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Elevation=99'-6"



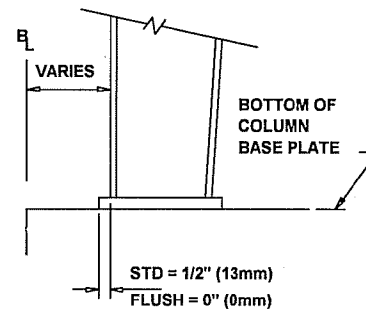
D7 (4) 3/4" Dia. A36 A.Bolts  
Plate W=8" L=1'-0", X=4 3/4"  
Elevation=99'-6"



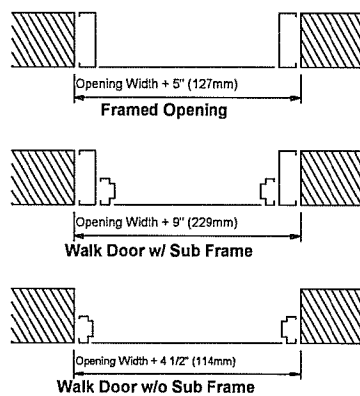
TYPICAL ANCHOR  
BOLT PROJECTION



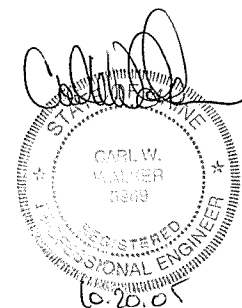
FRAMED OPENING DETAIL



TYPICAL COLUMN  
BASE PLATE DETAIL



FRAMED OPENING AT MASONRY



Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

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 IN THE REACTIONS REPORT.  
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.

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VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

ANCHOR BOLT PLAN - DETAILS	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PCM	



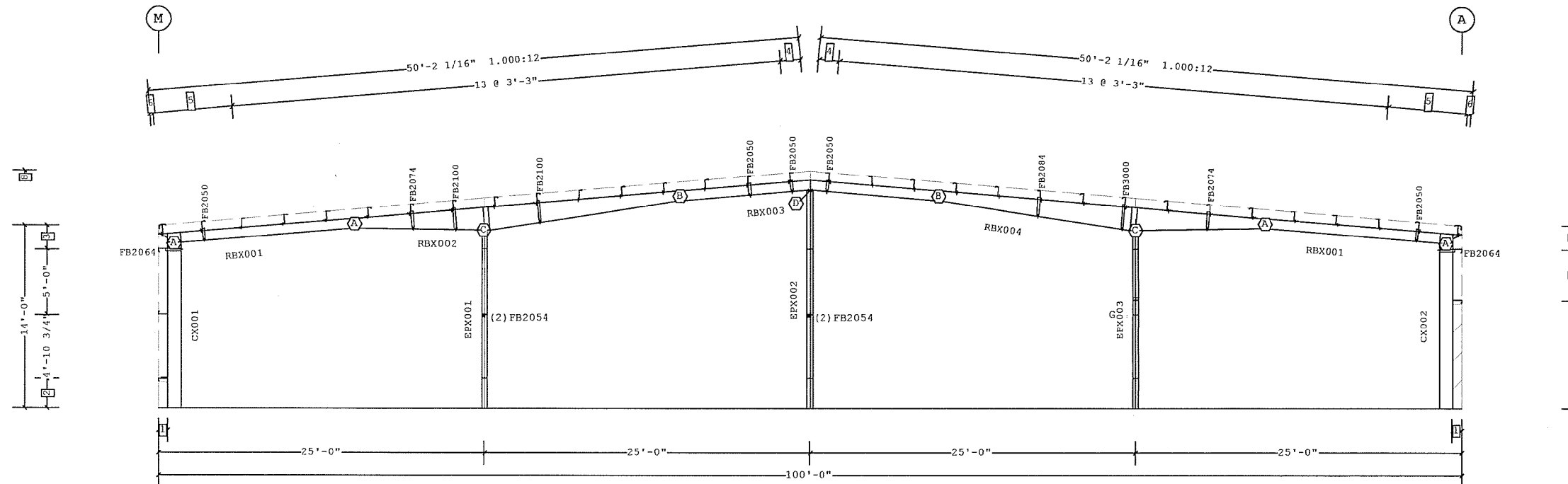
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Frame Member Schedule						
Part	Mem. Width	Thick.	Webthk	Depth1	Depth2	Approx. Lgth
CX001	1 5"	.1345	.1345	1'-0"	1'-0"	12'-8 1/8"
RBX001	2 5"	.1345	.1345	9"	9"	15'-1 7/16"
RBX002	3 5"	.2500	.1345	9"	1'-9"	25'-1 1/16"
	4 5"	.2500	.1345	1'-9"	9"	
RBX003	5 5"	.1345	.1345	9"	9"	20'-0"
	6 5"	.1345	.1345	9"	9"	
RBX004	7 5"	.2500	.1345	9"	1'-9"	25'-1 1/16"
	8 5"	.2500	.1345	1'-9"	9"	
RBX001	9 5"	.1345	.1345	9"	9"	15'-1 7/16"
CX002	10 5"	.1345	.1345	1'-0"	1'-0"	12'-8 1/8"
EPX001	11 5"	.1345	.1345	10"	10"	13'-7 15/16"
EPX002	12 5"	.1345	.1345	10"	10"	16'-8 7/16"
EPX003	13 5"	.1345	.1345	10"	10"	13'-7 15/16"

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

Frame Clearances  
 Horiz. Clearance between members 1(CX001) and 10(CX002): 96'-7"  
 Vert. Clearance at member 1(CX001): 12'-8 1/8"  
 Vert. Clearance at member 10(CX002): 12'-8 1/8"  
 Vert. Clearance at member 11(EPX001): 13'-7 7/8"  
 Vert. Clearance at member 12(EPX002): 16'-8 7/16"  
 Vert. Clearance at member 13(EPX003): 13'-7 7/8"  
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 1

- 8 18'-2"
- 7 3'-10 3/4"
- 6 3 3/8"
- 5 2 @ 3'-0 1/2"
- 4 1'-6 11/16"
- 3 1'-9 3/4"
- 2 2'-3 1/2"
- 1 8 1/2"

Dimension Key

VP Ref: Shape Name = main Wall 4, Frame 1

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLINE TO 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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VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
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NTS			

FRAME CROSS SECTION AT FRAME LINE(S) 1	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PC#	



JOB #	W10501267-01
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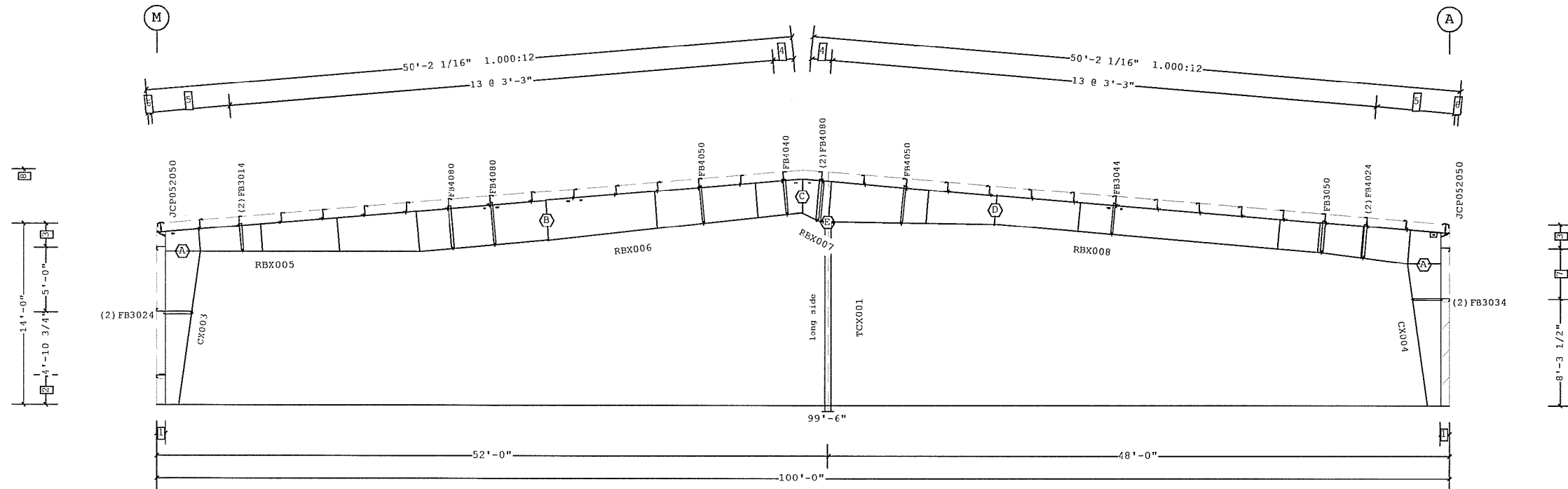
○ Frame Member Schedule

Part	Mem. Width	Thick.	Webthk	Depth1	Depth2	Approx. Igth
CX003	1 6"	.2500	.1644	1'-0"	2'-8"	11'-10 11/16"
RBX005	2 6"	.5000	.1875	1'-8 1/16"	3'-1"	30'-1 13/16"
	3 6"	.6250	.1875	3'-1"	3'-1"	
RBX006	4 6"	.5000	.1875	3'-1"	2'-7"	19'-11 15/16"
RBX007	5 6"	.5000	.1875	2'-7"	3'-2"	15'-1 3/16"
	6 6"	.5000	.1875	3'-2"	2'-3"	
RBX008	7 6"	.6250	.1644	2'-3"	2'-3"	35'-2 15/16"
	8 6"	.3125	.1644	2'-3"	2'-7"	
CX004	9 6"	.2500	.1644	1'-0"	2'-6"	10'-11 9/16"
TCX001	10 T 6.0 x 6.0 x 0.1875			6"	6"	14'-7 7/8"

○ 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"	1/2"	3	2		
B	14	3/4"	2 1/2"	3/4"	2	5		
C	12	3/4"	2 1/2"	3/4"	4	2		
D	10	3/4"	2 1/4"	5/8"	2	3		
E	4	1/2"	1 3/4"	3/8"	1	1		

Frame Clearances  
 Horiz. Clearance between members 1(CX003) and 9(CX004): 93'-5"  
 Vert. Clearance at member 1(CX003): 11'-10 11/16"  
 Vert. Clearance at member 9(CX004): 10'-11 9/16"  
 Vert. Clearance at member 10(TCX001): 14'-1 3/4"  
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 2

- 8 18'-2"
  - 7 3'-10 3/4"
  - 6 3 3/8"
  - 5 2 @ 3'-0 1/2"
  - 4 1'-6 11/16"
  - 3 1'-9 3/4"
  - 2 2'-3 1/2"
  - 1 8 1/2"
- Dimension Key

VP Ref: Shape Name = main Wall 4, Frame 2

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO 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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VP Buildings, Inc.  
 3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PCB	

**FRAME CROSS SECTION AT FRAME LINE(S) 2**

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VP VERSION: 5.2f

Frame Member Schedule

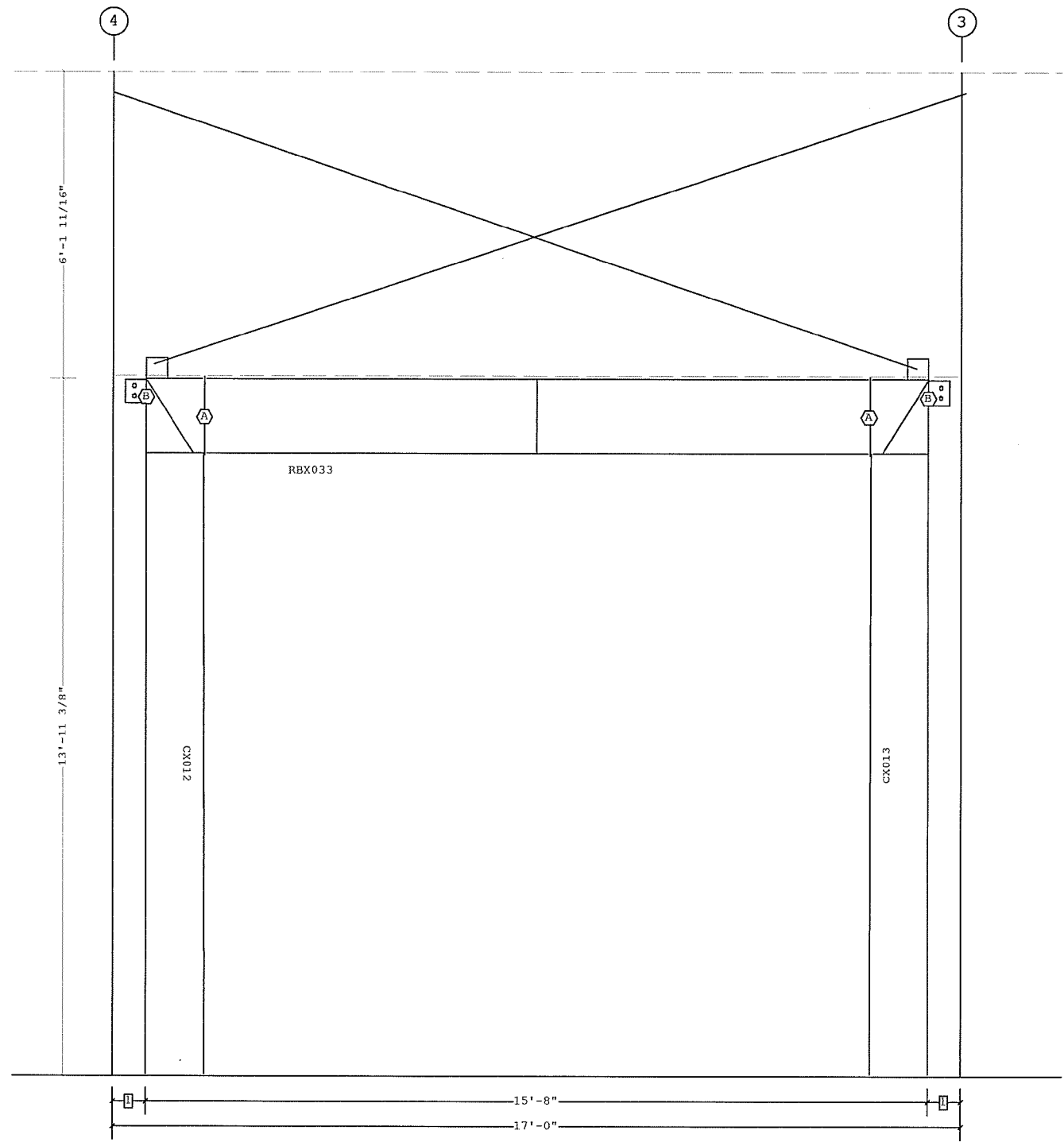
Part	Mem. Width	Thick.	Webthk	Depth1	Depth2	Approx. Lgth
CX012	1 6"	.2500	.1345	1'-2"	1'-2"	13'-11 3/8"
RBX033	2 5"	.2500	.1345	1'-6"	1'-6"	13'-4"
	3 5"	.2500	.1345	1'-6"	1'-6"	
CX013	4 6"	.2500	.1345	1'-2"	1'-2"	13'-11 3/8"

A325 Bolt Connection & Plate Schedule

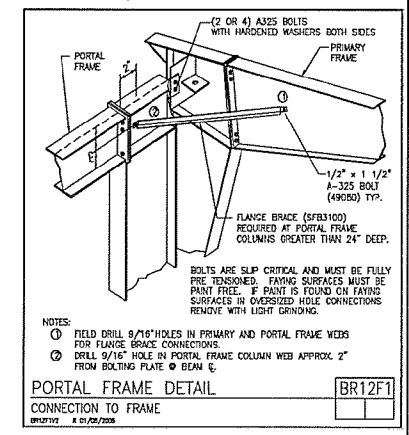
Id	Qty	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Tension Bolt	Washer
A	8	3/4"	2"	1/2"	2	2		
B	2	3/4"	2 1/4"					

Frame Clearances

Horiz. Clearance between members 1(CX012) and 4(CX013): 13'-4"  
 Vert. Clearance at member 1(CX012): 12'-5 3/8"  
 Vert. Clearance at member 4(CX013): 12'-5 3/8"  
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



PORTAL FRAME ELEVATION ALONG A



1 8"  
 Dimension Key

VP Ref: Shape Name = main Wall 6, Frame 3

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO 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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VP Buildings, Inc.  
 3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS' CO	

PORTAL FRAME ELEVATION ALONG A

VP VERSION: 5.2f

JOB #	W0501267-01
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○ Frame Member Schedule

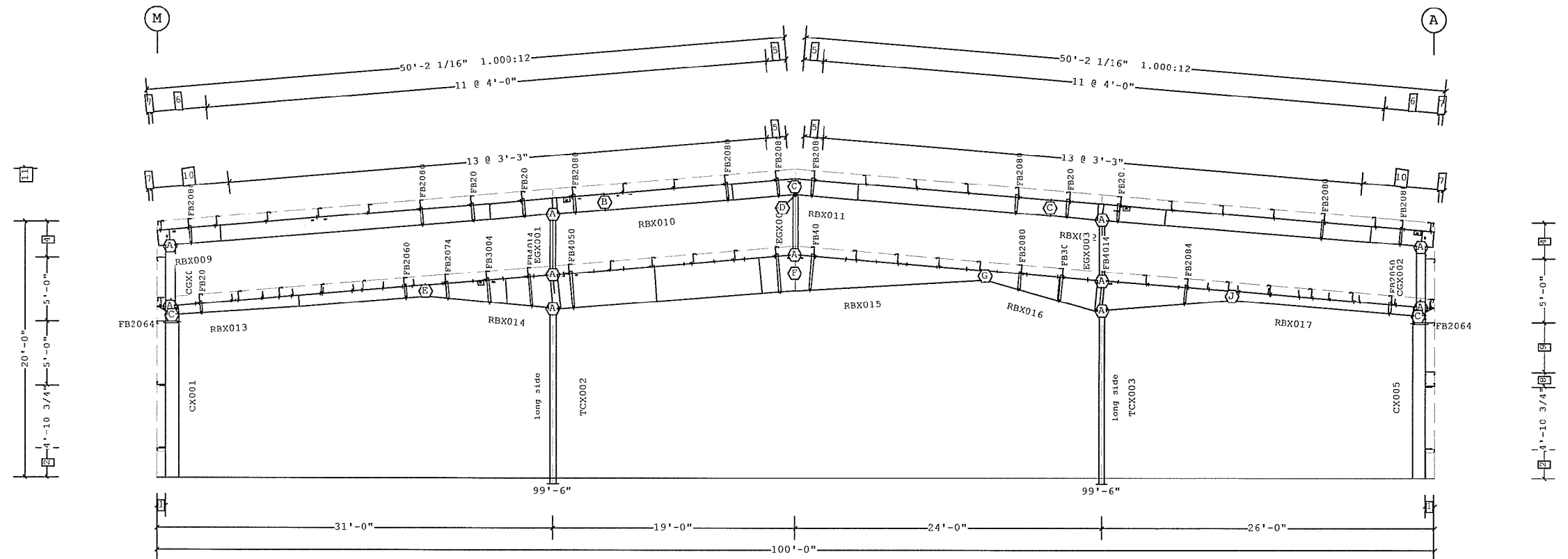
Part	Mem. Width	Thick.	Webthk	Depth1	Depth2	Approx. Lgth
CGX001	1 5"	.0590	20.0590	8 1/2"	8 1/2"	4'-10 3/8"
RBX009	2 5"	.3125	.1345	1'-3"	1'-3"	35'-1 1/16"
	3 5"	.3125	.1345	1'-3"	1'-3"	
	4 5"	.3125	.1345	1'-3"	1'-3"	
	5 5"	.3125	.1345	1'-3"	1'-3"	
RBX010	6 5"	.1875	.1345	1'-3"	1'-3"	15'-0 3/4"
	7 5"	.1875	.1345	1'-3"	1'-3"	
RBX011	8 5"	.1875	.1345	1'-3"	1'-3"	20'-1"
	9 5"	.1875	.1345	1'-3"	1'-3"	
RBX012	10 5"	.2500	.1345	1'-3"	1'-3"	30'-0 13/16"
	11 5"	.2500	.1345	1'-3"	1'-3"	
	12 5"	.2500	.1345	1'-3"	1'-3"	
	13 5"	.2500	.1345	1'-3"	1'-3"	
CGX002	14 5"	.0590	20.0590	8 1/2"	8 1/2"	4'-10 3/8"
EGX001	15 5"	.0650	20.0650	8 1/2"	8 1/2"	4'-9 3/8"
EGX002	16 5"	.0590	20.0590	8 1/2"	8 1/2"	4'-9 3/16"
EGX003	17 5"	.0590	20.0590	8 1/2"	8 1/2"	4'-9 3/8"
CX001	18 5"	.1345	.1345	1'-0"	1'-0"	12'-8 1/8"
RBX013	19 5"	.1875	.1345	9"	11"	21'-1 1/16"
	20 5"	.2500	.1345	11"	11"	
RBX014	21 5"	.3125	.1644	11"	2'-9"	29'-0 3/4"
	22 5"	.3125	.1644	11"	2'-10"	
RBX015	23 6"	.3125	.1644	2'-10"	9"	15'-0"
RBX016	24 5"	.3125	.1644	9"	2'-5"	19'-4"
	25 5"	.3125	.1875	2'-5"	9"	
RBX017	26 5"	.1875	.1345	9"	9"	15'-10 7/16"
CX005	27 5"	.1345	.1345	1'-0"	1'-0"	12'-8 1/8"
TCX002	28 T 6.0 x 6.0 x 0.1875	6"	6"	6"	6"	13'-8 7/8"
TCX003	29 T 5.0 x 5.0 x 0.1875	5"	5"	5"	5"	13'-7 9/16"

○ A325 Bolt Connection & Plate Schedule

Id	Qty	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Tension Bolt	Washer
A	4	1/2"	1 1/2"	3/8"	1	1		
B	8	3/4"	2"	3/8"	3	1		
C	4	3/4"	2"	3/8"	1	1		
D	4	1/2"	1 1/2"	3/8"	1	1		Yes
E	6	3/4"	2 1/4"	5/8"	2	1		
F	10	3/4"	2 1/4"	5/8"	2	3		
G	6	3/4"	2 1/2"	3/4"	1	2		
J	6	3/4"	2"	1/2"	2	1		

Frame Clearances

Horiz. Clearance between members 1 (CGX001) and 14 (CGX002): 97'-2"  
 Horiz. Clearance between members 1 (CGX001) and 27 (CX005): 96'-10 1/2"  
 Horiz. Clearance between members 18 (CX001) and 14 (CGX002): 96'-10 1/2"  
 Horiz. Clearance between members 18 (CX001) and 27 (CX005): 96'-7"  
 Vert. Clearance at member 1 (CGX001): 18'-1 13/16"  
 Vert. Clearance at member 14 (CGX002): 18'-1 13/16"  
 Vert. Clearance at member 15 (EGX001): 20'-7 7/16"  
 Vert. Clearance at member 16 (EGX002): 22'-2 7/16"  
 Vert. Clearance at member 17 (EGX003): 20'-2 7/16"  
 Vert. Clearance at member 18 (CX001): 12'-8 1/8"  
 Vert. Clearance at member 27 (CX005): 12'-8 1/8"  
 Vert. Clearance at member 28 (TCX002): 13'-2 5/16"  
 Vert. Clearance at member 29 (TCX003): 13'-1 3/16"  
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



11	24'-2"
10	2 @ 3'-0 1/2"
9	3'-10 3/4"
8	1'-1 1/4"
7	3 3/8"
6	2 @ 2'-2"
5	1'-6 11/16"
4	2'-9 3/4"
3	
2	2'-3 1/2"
1	8 1/2"

□ Dimension Key

VP Ref: Shape Name = main Wall 8, Frame 1

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE.  
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VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

FRAME CROSS SECTION AT FRAME LINE(S) 3			
BUILDER	PATCO CONSTRUCTION		
CUSTOMER	Bio Processing Inc		
LOCATION	Portland, Maine		
PROJECT	Bio Processing Inc		
BUILDERS PO#			
JOB #	WI0501267-01		
DATE	10/20/2005		
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Frame Member Schedule

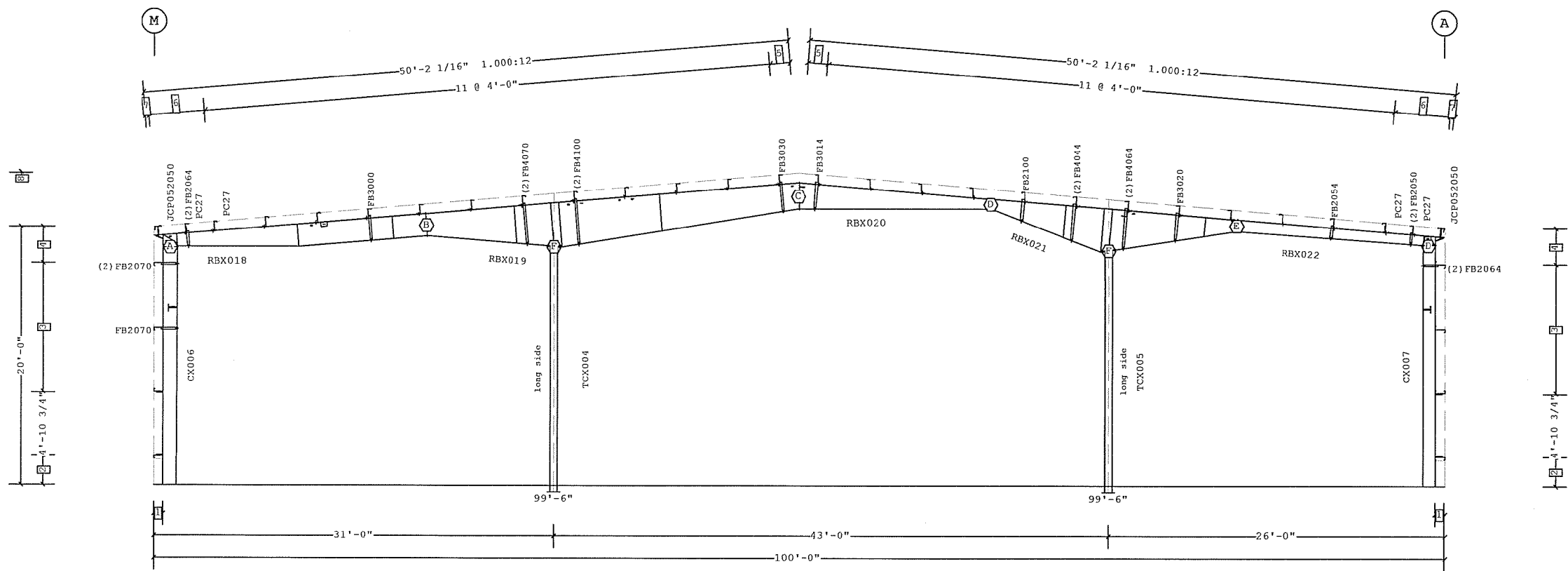
Part	Mem. Width	Thick.	Webthk	Depth1	Depth2	Approx. Lgth
CX006	1 5"	.1875	.1345	1'-0"	1'-1"	18'-5 1/4"
RBX018	2 5"	.2500	.1345	1'-0"	1'-9"	21'-1 1/16"
	3 5"	.2500	.1345	1'-9"	1'-9"	
RBX019	4 6"	.3750	.1875	1'-9"	3'-5"	29'-0 3/4"
	5 6"	.3750	.1875	3'-5"	2'-0"	
RBX020	6 5"	.3125	.1345	2'-0"	9"	15'-0"
RBX021	7 5"	.3750	.1875	9"	3'-4"	19'-1"
	8 5"	.3750	.1875	3'-4"	11"	
RBX022	9 5"	.2500	.1345	11"	9"	16'-1 7/16"
CX007	10 5"	.1875	.1345	1'-0"	1'-0"	18'-8 1/8"
TCX004	11 T 7.0 x 7.0 x 0.1875			7"	7"	19'-0 13/16"
TCX005	12 T 7.0 x 7.0 x 0.1875			7"	7"	18'-9 9/16"

A325 Bolt Connection & Plate Schedule

Id	Qty	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Tension Bolt	Washer
A	8	3/4"	2"	1/2"	2	2		
B	6	3/4"	2"	1/2"	2	1		
C	6	3/4"	2"	1/2"	1	2		
D	4	3/4"	2"	1/2"	1	1		
E	6	3/4"	2 1/4"	5/8"	2	1		
F	4	1/2"	1 1/2"	3/8"	1	1		

Frame Clearances

Horiz. Clearance between members 1(CX006) and 10(CX007): 96'-6"  
 Vert. Clearance at member 1(CX006): 18'-5 1/4"  
 Vert. Clearance at member 10(CX007): 18'-8 1/8"  
 Vert. Clearance at member 11(TCX004): 18'-6 1/4"  
 Vert. Clearance at member 12(TCX005): 18'-2 9/16"  
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 4

- 8 2'-2"
  - 7 3 3/8"
  - 6 2 @ 2'-2"
  - 5 1'-6 11/16"
  - 4 2'-9 3/4"
  - 3 2 @ 5'-0"
  - 2 2'-3 1/2"
  - 1 8 1/2"
- Dimension Key

VP Ref: Shape Name = main Wall 8, Frame 2

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE.  
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VP Buildings, Inc.  
 3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PC#	

**FRAME CROSS SECTION AT FRAME LINE(S) 4**

VP BUILDINGS  
VARCO-PRUDEN

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○ Frame Member Schedule

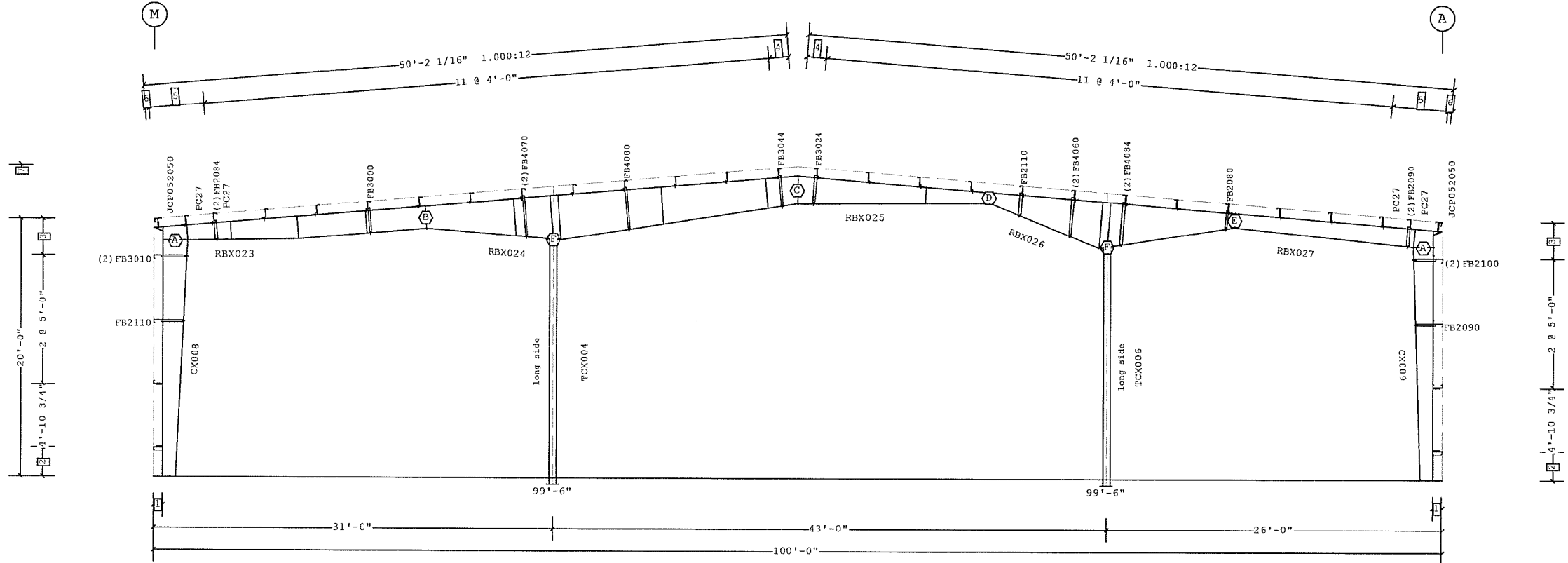
Part	Mem. Width	Thick.	Webthk	Depth1	Depth2	Approx. Lgth
CX008	1 5"	.1875	.1345	1'-0"	1'-11"	18'-4 1/16"
RBX023	2 5"	.2500	.1345	1'-2"	1'-9"	21'-1 1/16"
	3 5"	.2500	.1345	1'-9"	1'-9"	
RBX024	4 7"	.3750	.1875	1'-9"	3'-5"	29'-0 3/4"
	5 7"	.3750	.1875	3'-5"	2'-2"	
RBX025	6 5"	.3750	.1345	2'-2"	10"	14'-11 15/16"
RBX026	7 5"	.3750	.2500	10"	3'-7"	19'-1"
	8 5"	.3750	.2500	3'-7"	1'-1"	
RBX027	9 5"	.2500	.1345	1'-1"	1'-5"	16'-2 1/16"
CX009	10 5"	.1875	.1345	1'-0"	1'-6"	18'-0 5/8"
TCX004	11 T 7.0 x 7.0 x 0.1875			7"	7"	19'-0 13/16"
TCX006	12 T 7.0 x 7.0 x 0.1875			7"	7"	18'-6 5/8"

○ A325 Bolt Connection & Plate Schedule

Id	Qty	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Tension Bolt	Washer
A	8	3/4"	2"	3/8"	2	2		
B	6	3/4"	2"	1/2"	2	1		
C	8	3/4"	2"	1/2"	1	3		
D	4	3/4"	2"	1/2"	1	1		
E	6	3/4"	2 1/4"	5/8"	2	1		
F	4	1/2"	1 1/2"	3/8"	1	1		

Frame Clearances

Horiz. Clearance between members 1(CX008) and 10(CX009): 95'-2"  
 Vert. Clearance at member 1(CX008): 18'-4 1/16"  
 Vert. Clearance at member 10(CX009): 18'-0 5/8"  
 Vert. Clearance at member 11(TCX004): 18'-6 1/4"  
 Vert. Clearance at member 12(TCX006): 17'-11 9/16"  
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 5

- 7 24'-2"
  - 6 3 3/8"
  - 5 2 @ 2'-2"
  - 4 1'-6 11/16"
  - 3 2'-9 3/4"
  - 2 2'-3 1/2"
  - 1 8 1/2"
- Dimension Key

VP Ref: Shape Name = main Wall 8, Frame 3

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO 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.

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.

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VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

FRAME CROSS SECTION AT FRAME LINE(S) 5	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS P.O.#	

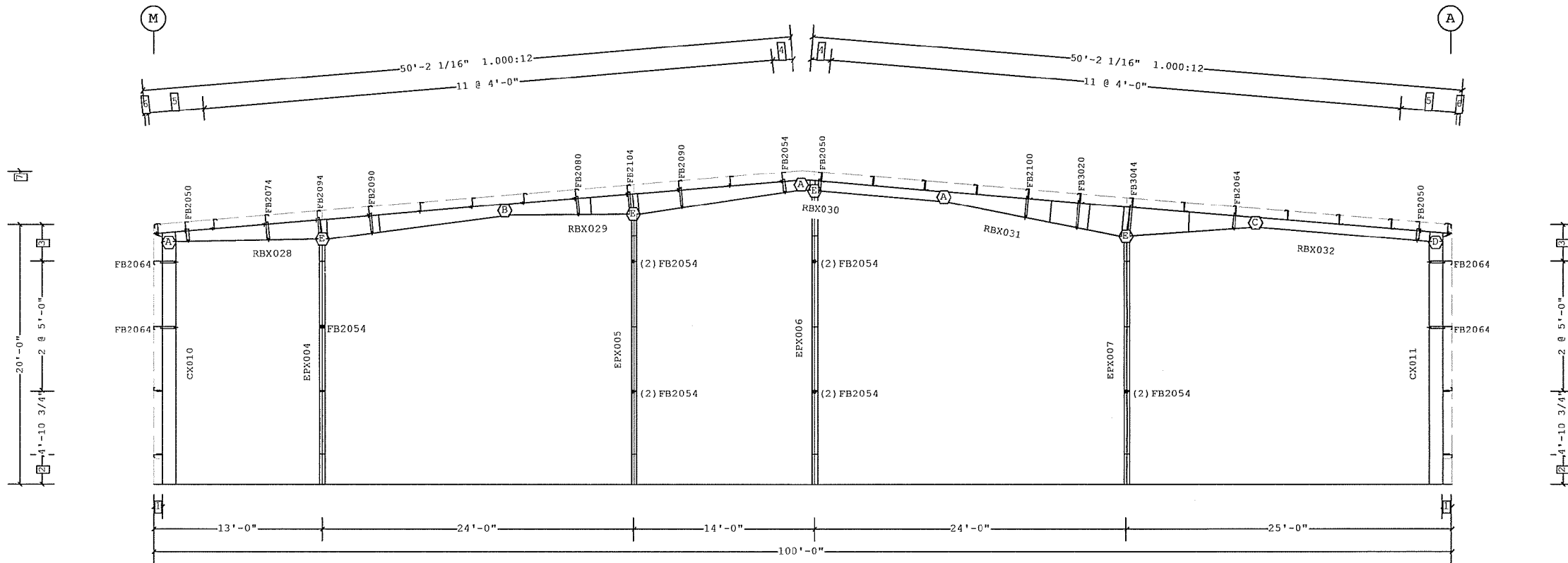


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Frame Member Schedule						
Part	Mem. Width	Thick.	Webthk	Depth1	Depth2	Approx. Lgth
CX010	1 5"	.1875	.1345	1'-0"	1'-0"	18'-8 1/8"
RBX028	2 5"	.1875	.1345	9"	1'-6"	27'-1 5/16"
	3 5"	.1875	.1345	1'-6"	10"	
RBX029	4 5"	.1875	.1345	10"	1'-7"	23'-0 1/2"
	5 5"	.1875	.1345	1'-7"	9"	
RBX030	6 5"	.1345	.1644	9"	9"	11'-0"
	7 5"	.1345	.1644	9"	9"	
RBX031	8 5"	.3125	.1345	9"	2'-4"	24'-1"
	9 5"	.3125	.1345	2'-4"	9"	
RBX032	10 5"	.1875	.1345	9"	9"	15'-1 7/16"
CX011	11 5"	.1345	.1345	1'-0"	1'-0"	18'-8 1/8"
EPX004	12 5"	.2500	.1345	10"	10"	18'-10 3/4"
EPX005	13 5"	.1875	.1644	10"	10"	20'-9 13/16"
EPX006	14 5"	.1875	.1644	10"	10"	22'-7 5/8"
EPX007	15 5"	.2500	.1345	10"	10"	19'-1 5/16"

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

**Frame Clearances**  
 Horiz. Clearance between members 1(CX010) and 11(CX011): 96'-7"  
 Vert. Clearance at member 1(CX010): 18'-8 1/8"  
 Vert. Clearance at member 11(CX011): 18'-8 1/8"  
 Vert. Clearance at member 12(EPX004): 18'-10 3/4"  
 Vert. Clearance at member 13(EPX005): 20'-9 3/4"  
 Vert. Clearance at member 14(EPX006): 22'-7 7/16"  
 Vert. Clearance at member 15(EPX007): 19'-1 1/8"  
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 6

- 7 24'-2"
- 6 3 3/8"
- 5 2 @ 2'-2"
- 4 1'-6 11/16"
- 3 2'-9 3/4"
- 2 2'-3 1/2"
- 1 8 1/2"

Dimension Key

VP Ref: Shape Name = main Wall 8, Frame 4

<p>1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE.</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>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 style="text-align: center;"><b>VP Buildings, Inc.</b>          3200 Players Club Circle Memphis TN 38125</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <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> <p style="text-align: center;">NTS</p>	REV	DATE	BY	DESCRIPTION					<p style="text-align: center;"><b>FRAME CROSS SECTION AT FRAME LINE(S) 6</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BUILDER</td> <td>PATCO CONSTRUCTION</td> </tr> <tr> <td>CUSTOMER</td> <td>Bio Processing Inc</td> </tr> <tr> <td>LOCATION</td> <td>Portland, Maine</td> </tr> <tr> <td>PROJECT</td> <td>Bio Processing Inc</td> </tr> <tr> <td>BUILDERS PC#</td> <td></td> </tr> </table>	BUILDER	PATCO CONSTRUCTION	CUSTOMER	Bio Processing Inc	LOCATION	Portland, Maine	PROJECT	Bio Processing Inc	BUILDERS PC#		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"></td> <td>JOB #</td> </tr> <tr> <td></td> <td>W0501267-01</td> </tr> <tr> <td></td> <td>DATE</td> </tr> <tr> <td></td> <td>10/20/2005</td> </tr> <tr> <td></td> <td>DRAWN/CHECK</td> </tr> <tr> <td></td> <td>DAT</td> </tr> <tr> <td></td> <td>PAGE</td> </tr> <tr> <td></td> <td>12</td> </tr> </table> <p style="font-size: small;">VP VERSION: 5.2f</p>		JOB #		W0501267-01		DATE		10/20/2005		DRAWN/CHECK		DAT		PAGE		12
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○ Frame Member Schedule

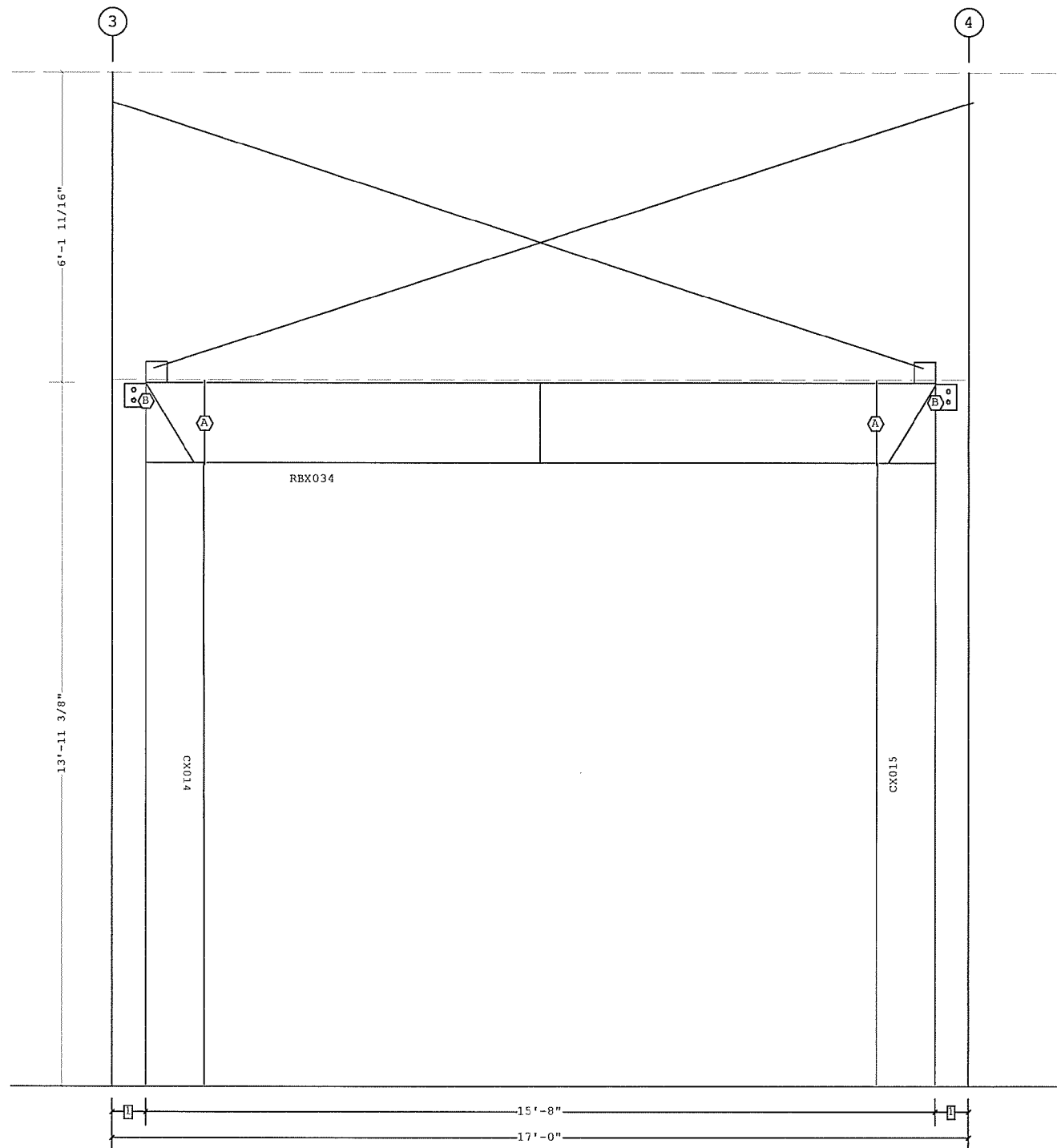
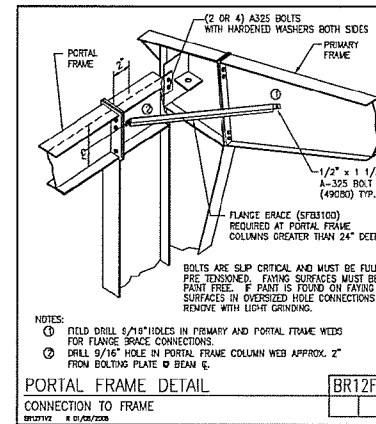
Part	Mem. Width	Thick.	Webthk	Depth1	Depth2	Approx. Lgth
CX014	1 6"	.2500	.1345	1'-2"	1'-2"	13'-11 3/8"
RBX034	2 5"	.2500	.1345	1'-7"	1'-7"	13'-4"
	3 5"	.2500	.1345	1'-7"	1'-7"	
CX015	4 6"	.2500	.1345	1'-2"	1'-2"	13'-11 3/8"

○ A325 Bolt Connection & Plate Schedule

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

Frame Clearances

Horiz. Clearance between members 1(CX014) and 4(CX015): 13'-4"  
 Vert. Clearance at member 1(CX014): 12'-4 3/8"  
 Vert. Clearance at member 4(CX015): 12'-4 3/8"  
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



PORTAL FRAME ELEVATION ALONG M

1 8"  
 Dimension Key

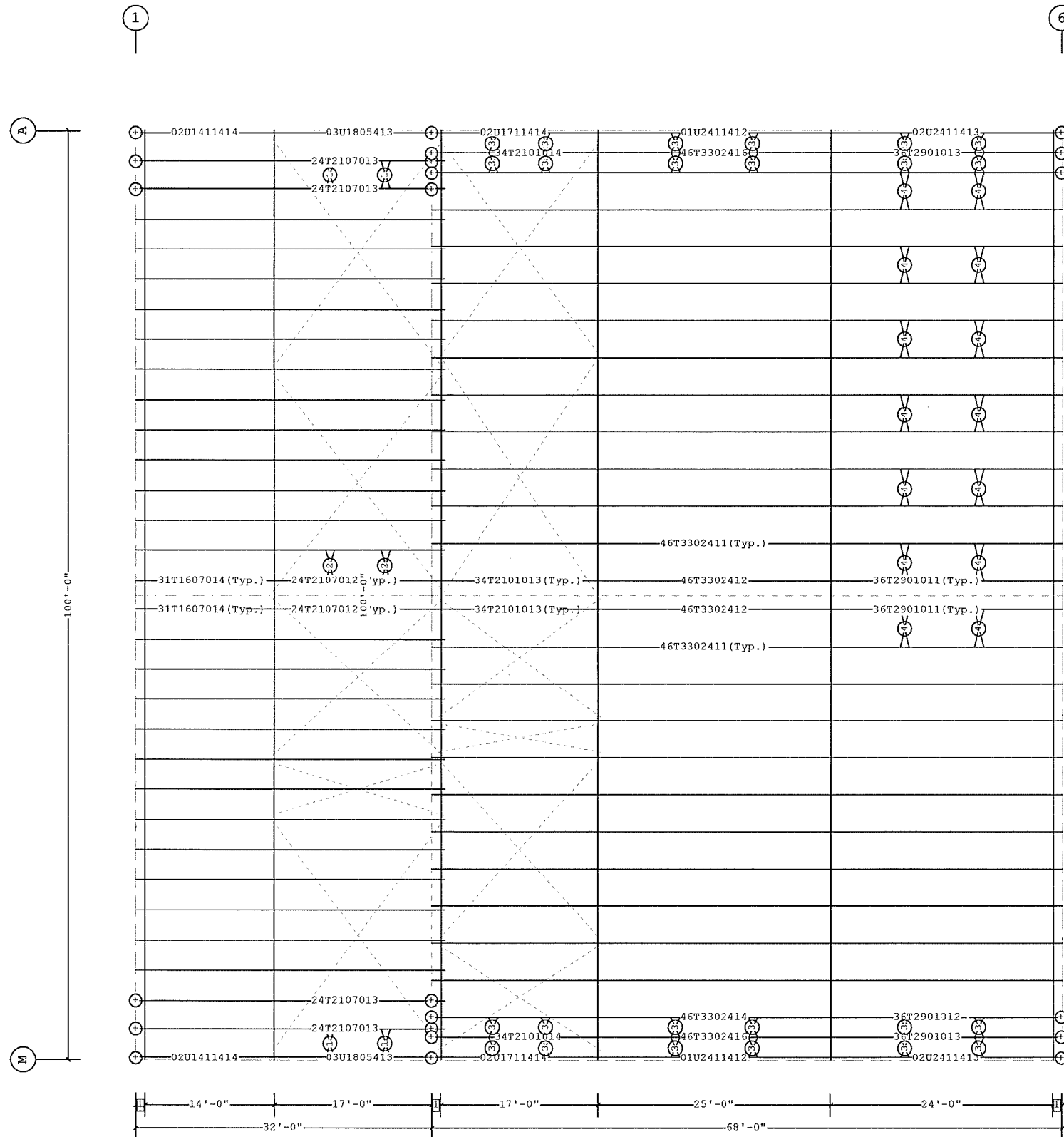
VP Ref: Shape Name = main Wall 8, Frame 1

<p>1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE.</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>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><b>VP Buildings, Inc.</b>                  3200 Players Club Circle Memphis TN 38125</p>				<p><b>PORTAL FRAME ELEVATION ALONG M</b></p>																						
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DATE	10/20/2005																												
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Sag Angle Schedule

Id	Qty	Mark No	Spacing
1	8	SA3026(X-ing)	3'-0 1/2"
2	4	SA3052(X-ing)	3'-3"
3	48	SA2043(X-ing)	2'-2"
4	28	SA4022(X-ing)	4'-0"

See SED: BR09A5 for installation



ROOF SECONDARY PLAN

1 1'-0"  
 □ Dimension Key

VP Ref: Shape Name = main, Shape = main

1. UNLESS NOTED, USE 1/2 X 1 1/2 A-325 SNUG TIGHTENED BOLTS FOR PURLIN LAP, PURLIN TO FRAME, FLANGE BRACE TO FRAME, AND FLANGE BRACE TO PURLIN CONNECTIONS.  
 2. WIND, FLANGE, AND PURLIN BRACING ARE AN INTEGRAL PART OF THE ROOF STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF ROOF BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.

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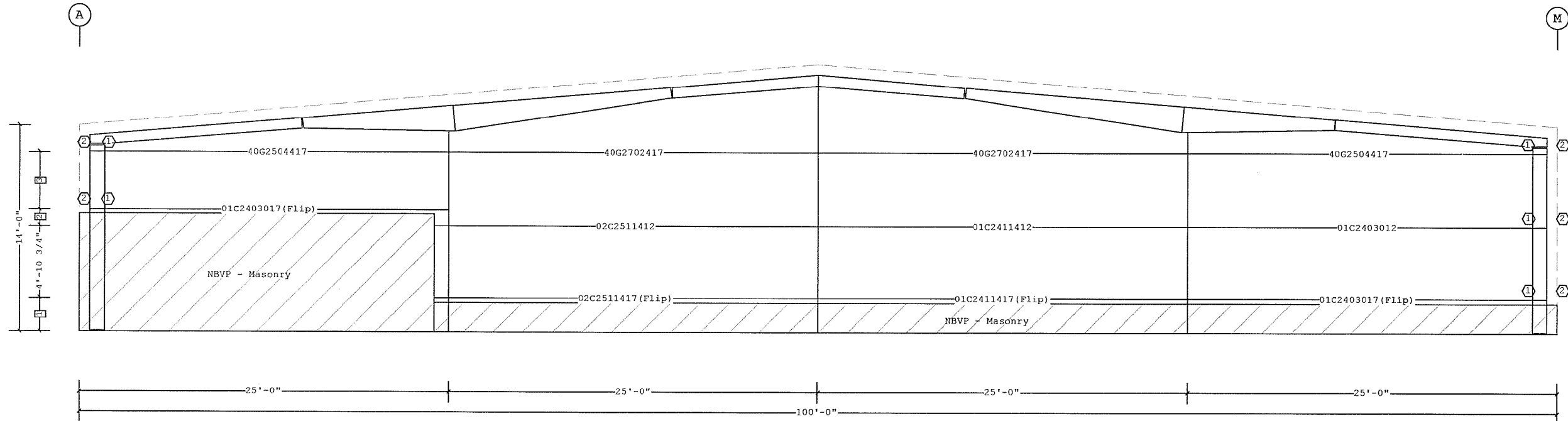
VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

ROOF SECONDARY PLAN	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PO#	



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- Part Mark Key  
 1 GCC072084  
 2 GFA106



SECONDARY ELEVATION AT 1

- 3 3'-10 3/4"  
 2 1'-1 1/4"  
 1 2'-3 1/2"  
 □ Dimension Key

VP Ref: Shape Name = main, Wall = 1

1. UNLESS NOTED, USE 1/2 X 1 1/2 A-325 SNUG TIGHTENED BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS.  
 2. WIND AND FLANGE BRACING ARE AN INTEGRAL PART OF THE WALL STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF WALL BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.

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VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

SECONDARY ELEVATION AT 1	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PC#	

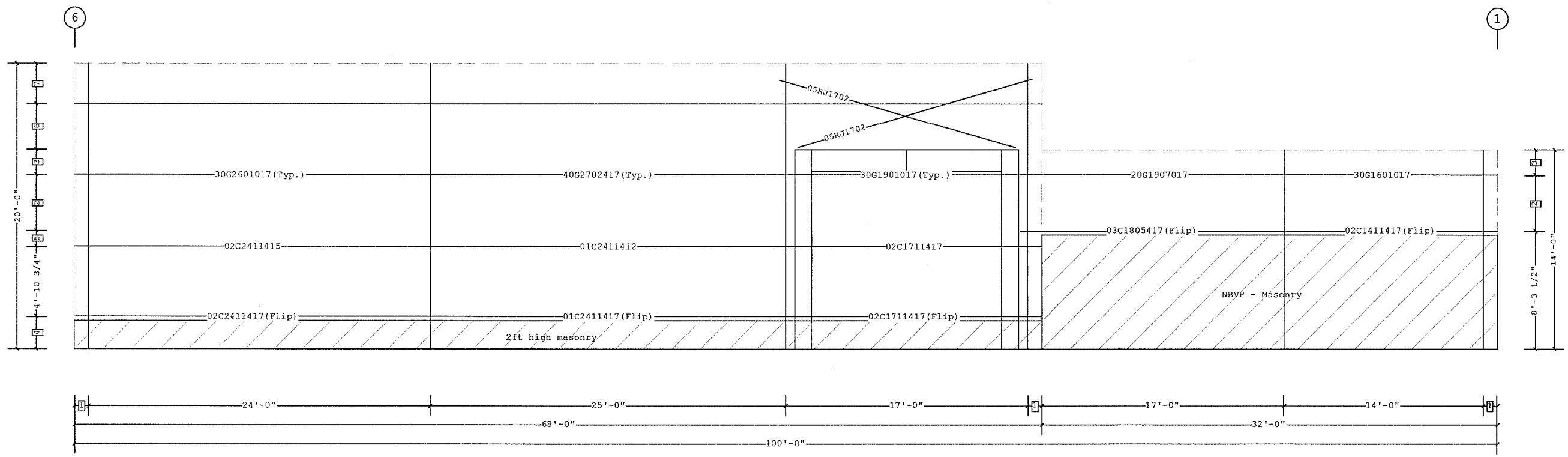


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10/20/2005

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FILENAME W10501287-01OE1.vpc



SECONDARY ELEVATION AT A

- 7 2'-9 3/4"
  - 6 3'-2 1/4"
  - 5 1'-1 1/4"
  - 4 2'-3 1/2"
  - 3 1'-9 3/4"
  - 2 3'-10 3/4"
  - 1 1'-0"
- ☐ Dimension Key

VP Ref: Shape Name = main, Wall = 2, Wall = 6

1. UNLESS NOTED, USE 1/2 X 1 1/2 A-325 SNUG TIGHTENED BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS.  
 2. WIND AND FLANGE BRACING ARE AN INTEGRAL PART OF THE WALL STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF WALL BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.

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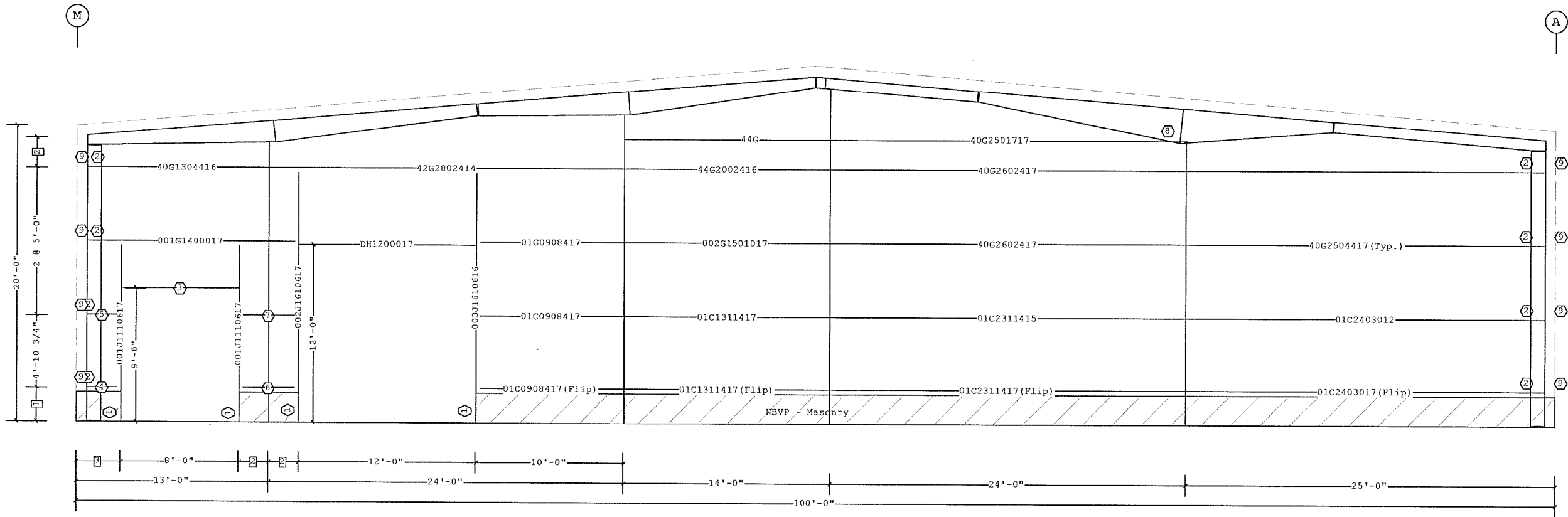
SECONDARY ELEVATION AT A	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS POC	



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Part Mark Key	Part	Thick.	Depth	Lap
1 JBC1	001C0305417	0.0590	8 1/2"	
2 GCC072084	001C0305417 (Flip)	0.0590	8 1/2"	
3 DH0800017	001G1400017	0.0590	8 1/2"	
4 01C0200017 (Flip)	002G1501017	0.0590	8 1/2"	1'-0"
5 01C0200017				
6 001C0305417 (Flip)				
7 001C0305417				
8 GC111				
9 GFA106				

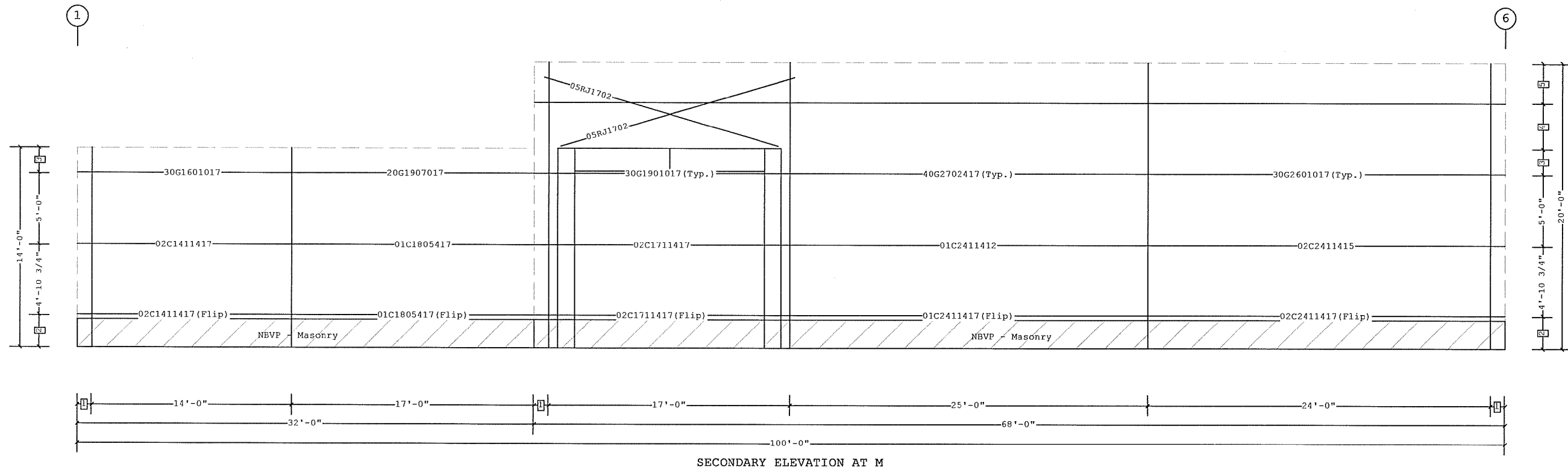


SECONDARY ELEVATION AT 6

- 3 3'-0"
  - 2 2'-0"
  - 1 2'-3 1/2"
- Dimension Key

VP Ref: Shape Name = main, Wall = 7

<p>1. UNLESS NOTED, USE 1/2 X 1 1/2 A-325 SNUG TIGHTENED BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS.</p> <p>2. WIND AND FLANGE BRACING ARE AN INTEGRAL PART OF THE WALL STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF WALL BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</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>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><b>VP Buildings, Inc.</b> 3200 Players Club Circle Memphis TN 38125</p>	<p><b>SECONDARY ELEVATION AT 6</b></p>																																				
			<table border="1" style="width: 100%; border-collapse: collapse;"> <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> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td colspan="4" style="text-align: center;">NTS</td> </tr> </tbody> </table>	REV	DATE	BY	DESCRIPTION													NTS				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BUILDER</td> <td>PATCO CONSTRUCTION</td> </tr> <tr> <td>CUSTOMER</td> <td>Bio Processing Inc</td> </tr> <tr> <td>LOCATION</td> <td>Portland, Maine</td> </tr> <tr> <td>PROJECT</td> <td>Bio Processing Inc</td> </tr> <tr> <td>BUILDERS PO#</td> <td> </td> </tr> </table>	BUILDER	PATCO CONSTRUCTION	CUSTOMER	Bio Processing Inc	LOCATION	Portland, Maine	PROJECT	Bio Processing Inc	BUILDERS PO#		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>JOB #</td> <td>W0501267-01</td> </tr> <tr> <td>DATE</td> <td>10/20/2005</td> </tr> <tr> <td>DRAWN/CHECK</td> <td>DAT</td> </tr> <tr> <td>PAGE</td> <td>17</td> </tr> </table>	JOB #	W0501267-01	DATE	10/20/2005	DRAWN/CHECK
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		<p>VP VERSION: 5.21</p>																																						
		<p>10/20/2005 5:44:18</p>		<p>FILENAME: W0501267-01OE1.vpc</p>																																				



SECONDARY ELEVATION AT M

- 5 2'-9 3/4"
  - 4 3'-2 1/4"
  - 3 1'-9 3/4"
  - 2 2'-3 1/2"
  - 1 1'-0"
- Dimension Key

VP Ref: Shape Name = main, Wall = 4, Wall = 8

1. UNLESS NOTED, USE 1/2 X 1 1/2 A-325 SNUG TIGHTENED BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS.  
 2. WIND AND FLANGE BRACING ARE AN INTEGRAL PART OF THE WALL STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF WALL BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.

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VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

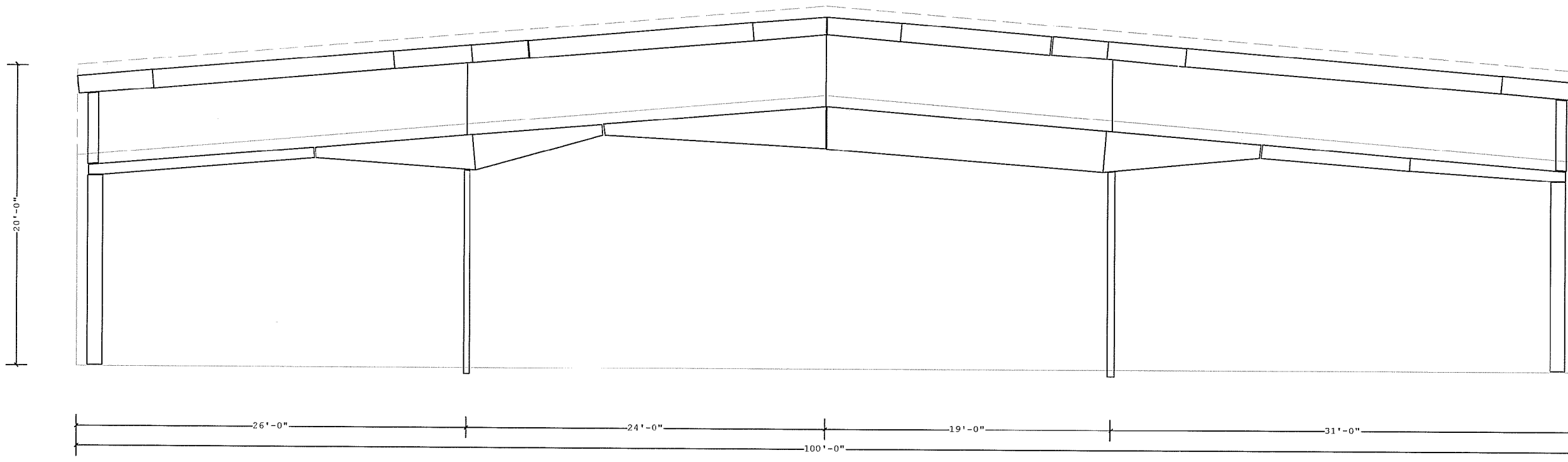
SECONDARY ELEVATION AT M	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PC#	



JOB #	W0501267-01
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A

M



SECONDARY ELEVATION AT 3

VP Ref: Shape Name = main, Wall = 5

1. UNLESS NOTED, USE 1/2 X 1 1/2 A-325 SNUG TIGHTENED BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS.  
 2. WIND AND FLANGE BRACING ARE AN INTEGRAL PART OF THE WALL STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF WALL BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.

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VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
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SECONDARY ELEVATION AT 3	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PDS	



JOB #	WI0501267-01
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Covering Schedule

Id	Qty	Start Length	Qty	Length	Type	Gage	OP	Fin.	Color
#310	9	33'-8 3/8"	8	30'-5 3/8"	SSR	24	2	G	TD
#311	9	16'-9 3/4"	8	20'-0 3/4"	SSR	24	2	G	TD
#312	9	33'-8 3/8"	8	30'-5 3/8"	SSR	24	2	G	TD
#313	9	16'-9 3/4"	8	20'-0 3/4"	SSR	24	2	G	TD
#280	18	33'-11 3/8"	17	29'-11 3/8"	SSR	24	2	G	TD
#281	18	16'-6 3/4"	17	20'-6 3/4"	SSR	24	2	G	TD
#282	18	33'-11 3/8"	17	29'-11 3/8"	SSR	24	2	G	TD
#283	18	16'-6 3/4"	17	20'-6 3/4"	SSR	24	2	G	TD

Oper. Code:2=SQ,SQ  
Finish:G=Galvalume  
Color:TD=Standard Color

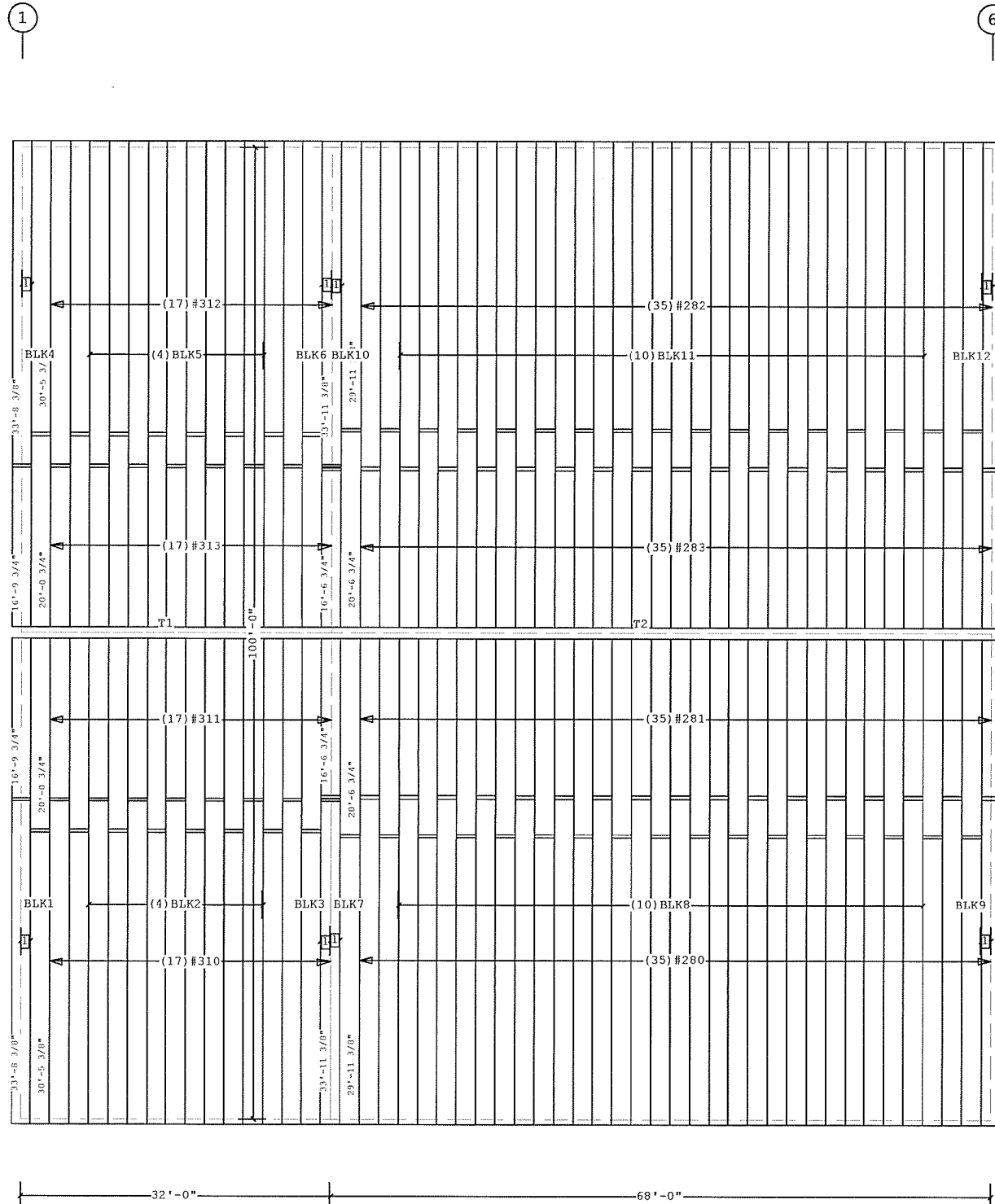
Trim Schedule

Id	Parts	Color	Details
T1	SRCF06, (4) SRCF10, SRCM06, (4) SRCM10	Match Roof Color	RC34A7, RC34H1, RC34H3, RC34H4
T2	SRCF06, (7) SRCF10, SRCM06, (7) SRCM10	Match Roof Color	RC34A7, RC34H1, RC34H3, RC34H4

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing
BLK1	1	IB	54'-0"		6.00	PL
BLK2	4	IB	54'-0"	54'-0"	6.00	PL
BLK3	1	IB	54'-0"		6.00	PL
BLK4	1	IB	53'-0"		6.00	PL
BLK5	4	IB	53'-0"	53'-0"	6.00	PL
BLK6	1	IB	53'-0"		6.00	PL
BLK7	1	IB	54'-0"		6.00	PL
BLK8	10	IB	54'-0"	54'-0"	6.00	PL
BLK9	1	IB	54'-0"		6.00	PL
BLK10	1	IB	53'-0"		6.00	PL
BLK11	10	IB	53'-0"	53'-0"	6.00	PL
BLK12	1	IB	53'-0"		6.00	PL

Starter Width= 4'-0", Interm. Width= 6'-0", End Width= 4'-0"  
Location =Outside Secondary Structural  
Direction =Across Secondary Structural  
Type:IB=Fiberglass Blanket  
Facing:PL=Polypropylene Scrim Kraft, Light Duty



Ice Damming Conditions Exist  
- (Field Repair Fastener)  
(1 bags) #55308 #17-14x1" S.S. Roof Fastener

Attention: Refer to RC02P3, RC02P2, RC02P1 on SED Drawing  
1 1'-0" Starter Panel (Cut Dim. = 1'-1")  
 Dimension Key

ROOF COVERING PLAN

VP Ref: Shape Name = main, Shape = main

<p>1. PRE-DRILLING 1/8 DIAMETER HOLES FOR ROOF STRUCTURAL FASTENERS MAY BE REQUIRED AT 11 GAGE PURLINS, NESTED PURLINS, PURLIN LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS</p> <p>2. ROOF SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.</p> <p>4. FOR PR PANEL, PRE-DRILLING OF SIDELAP FASTENERS REQUIRED DUE TO THE ABSENCE OF A PURLIN BEARING EDGE. SEE SED RC03B1.</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>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>VP Buildings, Inc.</p> <p>3200 Players Club Circle Memphis TN 38125</p>		<p>ROOF COVERING PLAN</p>			<p>JOB # WI0501267-01</p> <p>DATE 10/20/2005</p> <p>DRAWN/CHECK DAT</p> <p>PAGE 20</p>
			<p>REV</p> <p>DATE</p> <p>BY</p> <p>DESCRIPTION</p>	<p>BUILDER PATCO CONSTRUCTION</p> <p>CUSTOMER Bio Processing Inc</p> <p>LOCATION Portland, Maine</p> <p>PROJECT Bio Processing Inc</p> <p>BUILDERS PCB</p>	<p>NTS</p>	<p>VP VERSION 5.2f</p>		

Covering Schedule									
Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Increment	Direction
#230	17	VR	15'-9 1/2"	26	1	K	AW	3"	Left to Right From Peak
#231	9	VR	15'-9 1/2"	26	1	K	AW	3"	Right to Left From Peak
#232	8	VR	7'-6 1/2"	26	1	K	AW	3"	Right to Left From Peak

Oper. Code:1=SQ,SQ  
Finish:K=KXL  
Color:AW=Arctic White

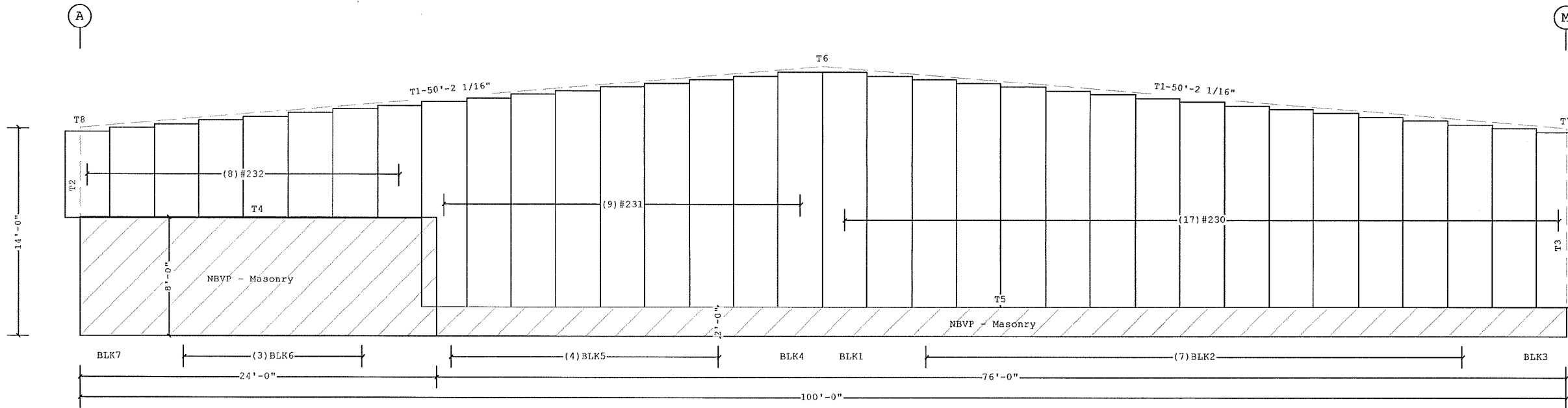
Trim Schedule	
Id	Parts
T1	(11)RFR10, (7)RKC15, (5)RKF20, RKF10, (11)RSB10, (11)RSC10
T2	(1.5)AFT10, CTE10
T3	(1.5)AFT12, CTE12
T4	(3)BT10
T5	(8)BT10
T6	PPC1, SRR2
T7	EALR, PRF1
T8	EALL, PRF1

Color	Details
Regal Blue	RC10A1, RC30A1, RS10G1, WC10A1
Match Wall Color	WC20B2
Match Wall Color	WC20B2
Arctic White	
Arctic White	
Regal Blue	RC34H5, RC34H6
Regal Blue	RC38A2
Regal Blue	RC38A2

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing
BLK1	1	IB	18'-0"		4.00	PL
BLK2	7	IB	17'-0"	14'-0"	4.00	PL
BLK3	1	IB	14'-0"		4.00	PL
BLK4	1	IB	18'-0"		4.00	PL
BLK5	4	IB	17'-0"	16'-0"	4.00	PL
BLK6	3	IB	9'-0"	8'-0"	4.00	PL
BLK7	1	IB	8'-0"		4.00	PL

Starter Width= 4'-0", Interm. Width= 6'-0", End Width= 4'-0"  
Location =Outside Secondary Structural  
Direction =Across Secondary Structural  
Type:IB=Fiberglass Blanket  
Facing:PL=Polypropylene Scrim Kraft, Light Duty  
VP Ref: Shape Name = main, Wall = 1



COVERING ELEVATION AT 1

VP Ref: Shape Name = main, Wall = 1

<p>1. WALL SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>2. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.</p> <p>3. PRE-DRILLING 1/8 DIAMETER HOLES FOR WALL STRUCTURAL FASTENERS MAY BE REQUIRED AT 11 GAGE GIRTS, NESTED GIRTS, GIRT LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS</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>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><b>VP Buildings, Inc.</b></p> <p>3200 Players Club Circle Memphis TN 38125</p>	<p><b>COVERING ELEVATION AT 1</b></p>	<p><b>VP BUILDINGS</b></p> <p>VARCO PRUDEN</p>																							
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JOB #	W10501267-01																											
DATE	10/20/2005																											
DRAWN/CHECK	DAT																											
PAGE	21																											

Covering Schedule

Id	Qty	Type	Length	Gage	OP	Fin.	Color	Direction
#302	11	VR	5'-11 7/8"	26	1	K	AW	Left to Right
#304	23	VR	17'-11 7/8"	26	1	K	AW	Left to Right

Oper. Code:1=SQ,SQ  
Finish:K=KXL  
Color:AW=Arctic White

Trim Schedule

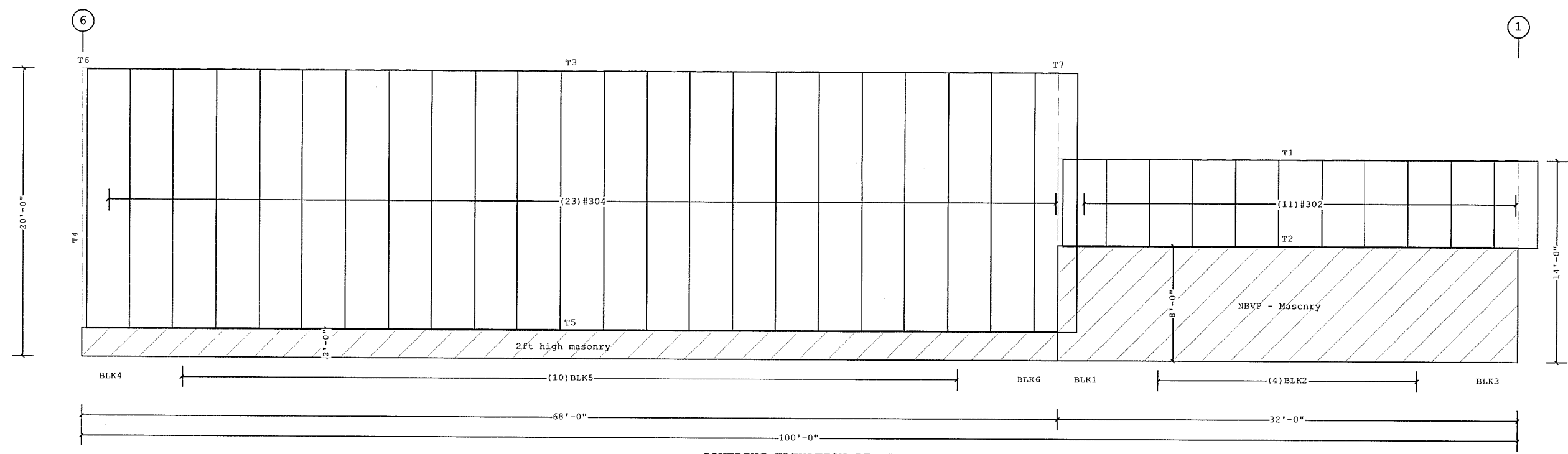
Id	Parts
T1	EF20A,EF12A, (4)RFR10
T2	(4)BT10
T3	(3)EF20A,EF12A, (7)RFR10
T4	(1.5)AFT20,CTE20
T5	(7)BT10
T6	EA1R,PRF1
T7	EA1L,PRF1

Color	Details
Regal Blue	RC03A2,RC31A1,WC04B1,WC11A1
Arctic White	
Regal Blue	RC03A2,RC31A1,WC04B1,WC11A1
Match Wall Color	WC20B2
Arctic White	
Regal Blue	RC38A2
Regal Blue	RC38A2

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing
BLK1	1	IB	7'-0"		4.00	PL
BLK2	4	IB	7'-0"	7'-0"	4.00	PL
BLK3	1	IB	7'-0"		4.00	PL
BLK4	1	IB	19'-0"		4.00	PL
BLK5	10	IB	19'-0"	19'-0"	4.00	PL
BLK6	1	IB	19'-0"		4.00	PL

Starter Width= 4'-0", Interm. Width= 6'-0", End Width= 4'-0"  
Location =Outside Secondary Structural  
Direction =Across Secondary Structural  
Type:IB=Fiberglass Blanket  
Facing:PL=Polypropylene Scrim Kraft, Light Duty  
VP Ref: Shape Name = main, Wall = 2, Wall = 6



COVERING ELEVATION AT A

VP Ref: Shape Name = main, Wall = 2, Wall = 6

1. WALL SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM, REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.  
2. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.  
3. PRE-DRILLING 1/8 DIAMETER HOLES FOR WALL STRUCTURAL FASTENERS MAY BE REQUIRED AT 11 GAGE GIRTS, NESTED GIRTS, GIRT LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS

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VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

COVERING ELEVATION AT A	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PCN	



JOB #	WI0501267-01
DATE	10/20/2005
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Covering Schedule									
Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Increment	Direction
#294	17	VR	21'-9 1/2"	26	1	K	AW	3"	Left to Right From Peak
#295	8	VR	21'-9 1/2"	26	1	K	AW	3"	Right to Left From Peak
#296	3	VR	9'-9"	26	1	K	AW	3"	Right to Left From Peak
#297	2	VR	19'-0 1/2"	26	1	K	AW	3"	Right to Left From Peak
#298	2	VR	11'-6"	26	1	K	AW	3"	Right to Left From Peak
#299	2	VR	18'-0 1/2"	26	1	K	AW	3"	Right to Left From Peak

Oper. Code:1=SQ,SQ  
 Finish:K=KXL  
 Color:AW=Arctic White

Trim Schedule	
Id	Parts
T1	(11)RFR10, (7)RKC15, (5)RKF20,RKF10, (11)RSB10, (11)RSC10
T2	DF10, JT10
T3	DF10, HTS10
T4	DF12, JT12
T5	DF12, HTS12
T6	(1.5)AFT20, CTE20
T7	BT10
T8	(8)BT10
T9	EALL, PRF1
T10	PPC1, SRR2

Color	Details
Regal Blue	RC10A1, RC30A1, RS10G1, WC10A1
Arctic White	WC24B1
Arctic White	WC24B2
Arctic White	WC24B1
Arctic White	WC24B2
Match Wall Color	WC20B2
Arctic White	
Arctic White	
Regal Blue	RC38A2
Regal Blue	RC34H5, RC34H6

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing
BLK1	1	IB	24'-0"		4.00	PL
BLK2	7	IB	23'-0"	20'-0"	4.00	PL
BLK3	1	IB	20'-0"		4.00	PL
BLK4	1	IB	24'-0"		4.00	PL
BLK5	4	IB	23'-0"	22'-0"	4.00	PL
BLK6	1	IB	11'-0"		4.00	PL
BLK7	1	IB	23'-0"		4.00	PL
BLK8	1	IB	13'-0"		4.00	PL
BLK9	1	IB	20'-0"		4.00	PL

Starter Width= 4'-0", Interm. Width= 6'-0", End Width= 4'-0"

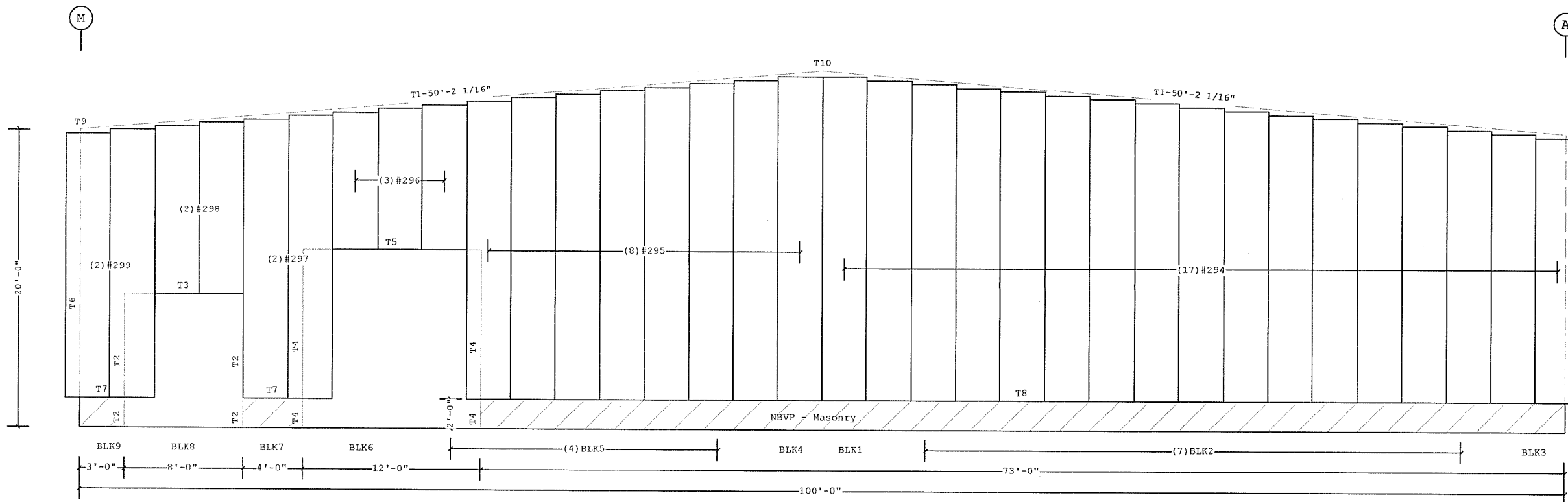
Location =Outside Secondary Structural

Direction =Across Secondary Structural

Type:IB=Fiberglass Blanket

Facing:PL=Polypropylene Scrim Kraft, Light Duty

VP Ref: Shape Name = main, Wall = 7



COVERING ELEVATION AT 6

VP Ref: Shape Name = main, Wall = 7

1. WALL SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM, REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.
2. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.
3. PRE-DRILLING 1/8 DIAMETER HOLES FOR WALL STRUCTURAL FASTENERS MAY BE REQUIRED AT 11 GAGE GIRTS, NESTED GIRTS, GIRT LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS

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VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

COVERING ELEVATION AT 6	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PC#	



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Covering Schedule

Id	Qty	Type	Length	Gage	OP	Fin.	Color	Direction
#303	11	VR	11'-11 7/8"	26	1	K	AW	Left to Right
#305	23	VR	17'-11 7/8"	26	1	K	AW	Left to Right

Oper. Code:1=SQ,SQ  
 Finish:K=KXL  
 Color:AW=Arctic White

Trim Schedule

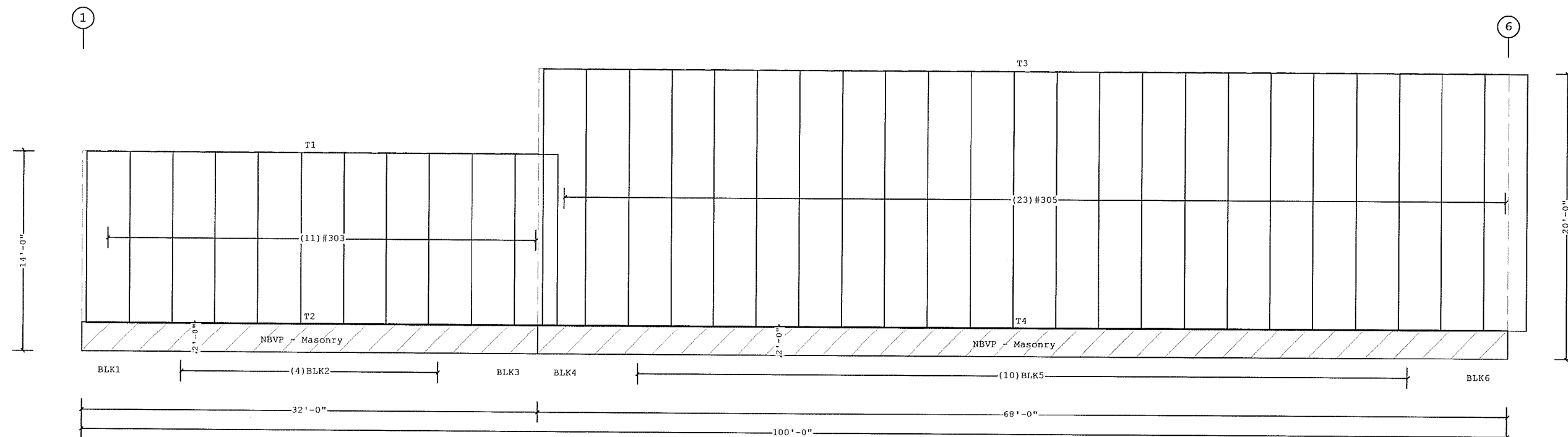
Id	Parts
T1	EP20A, EF12A, (4)RFR10
T2	(4)BT10
T3	(3)EP20A, EF12A, (7)RFR10
T4	(7)BT10

Color	Details
Regal Blue	RC03A2, RC31A1, WC04B1, WC11A1
Arctic White	
Regal Blue	RC03A2, RC31A1, WC04B1, WC11A1
Arctic White	

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing
BLK1	1	IB	13'-0"		4.00	PL
BLK2	4	IB	13'-0"	13'-0"	4.00	PL
BLK3	1	IB	13'-0"		4.00	PL
BLK4	1	IB	19'-0"		4.00	PL
BLK5	10	IB	19'-0"	19'-0"	4.00	PL
BLK6	1	IB	19'-0"		4.00	PL

Starter Width= 4'-0", Interm. Width= 6'-0", End Width= 4'-0"  
 Location =Outside Secondary Structural  
 Direction =Across Secondary Structural  
 Type:IB=Fiberglass Blanket  
 Facing:PL=Polypropylene Scrim Kraft, Light Duty  
 VP Ref: Shape Name = main, Wall = 4, Wall = 8



COVERING ELEVATION AT M

VP Ref: Shape Name = main, Wall = 4, Wall = 8

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 2. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.  
 3. PRE-DRILLING 1/8 DIAMETER HOLES FOR WALL STRUCTURAL FASTENERS MAY BE REQUIRED AT 11 GAGE GIRTS, NESTED GIRTS, GIRT LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS

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VP Buildings, Inc.			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

COVERING ELEVATION AT M	
BUILDER	PATCO CONSTRUCTION
CUSTOMER	Bio Processing Inc
LOCATION	Portland, Maine
PROJECT	Bio Processing Inc
BUILDERS PC#	



JOB #	WI0501267-01
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Covering Schedule

Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Increment	Direction
#236	17	VR	5'-4"	26	1	K	AW	6"	Left to Right From Peak
#237	17	VR	5'-4"	26	1	K	AW	6"	Right to Left From Peak

Oper. Code:1=SQ,SQ  
Finish:K=KKL  
Color:AW=Arctic White

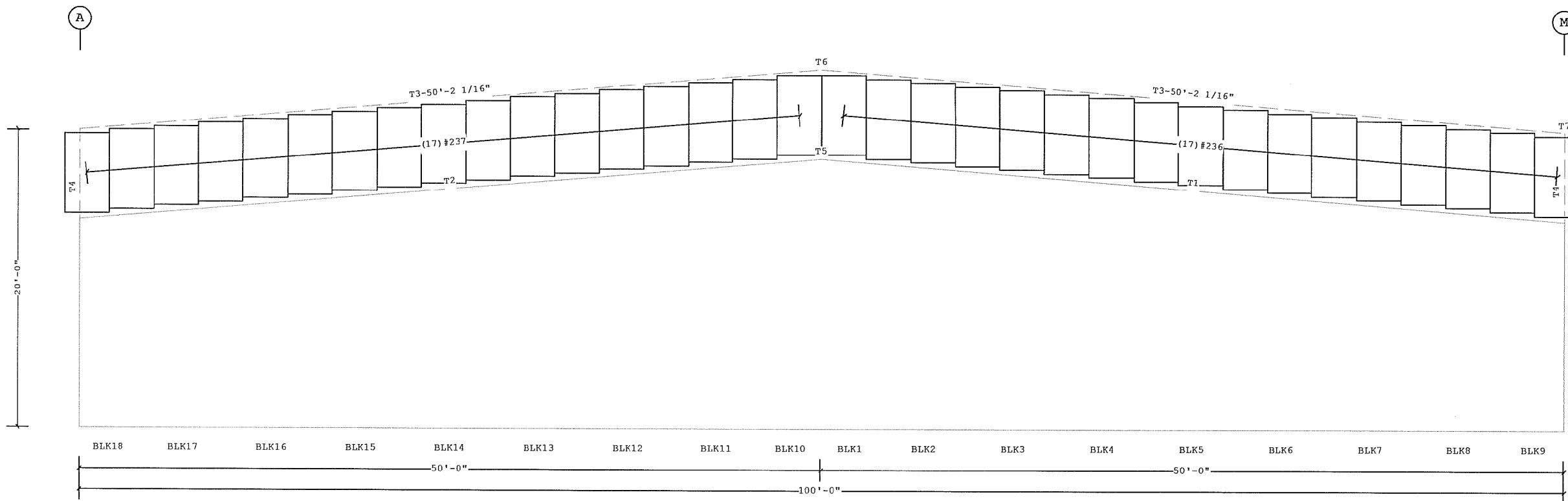
Trim Schedule

Id	Parts	Color	Details
T1	(3)BWA0207, (6)BWT110, (5)ELTA10, ELTA05, (4)CLA1104R, 1CLE3R, (26)CLA1116R, CLA1080R, (6)RFR10, (6)RHC010, (3)RHM200007, (6)RHS10, (3)TA10	Match Roof Color	RC15A1, RC52A1, RC80A2, RC80A3, RC80C1, WC15A1, WC52B2
T2	(3)BWA0207, (6)BWT110, (5)ELTA10, ELTA05, (4)CLA1104L, 1CLE3L, (26)CLA1116L, CLA1080L, (6)RFR10, (6)RHC010, (3)RHM200007, (6)RHS10, (3)TA10	Match Roof Color	RC15A1, RC52A1, RC80A2, RC80A3, RC80C1, WC15A1, WC52B2
T3	(11)RFR10, (7)RKC15, (5)RKE20, RKE10, (11)RSB10, (11)RSC10	Regal Blue	RC10A1, RC30A1, RS10G1, WC10A1
T4	(1.5)AFT10, CTE10	Match Wall Color	WC20B2
T5	80625	Regal Blue	RC52A3, RC52A5, RC53A4
T6	PPC1, SRR2	Regal Blue	RC34H5, RC34H6
T7	EA1R, PRF1	Regal Blue	RC38A2

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing
BLK1	1	IB	8'-0"		4.00	PL
BLK2	1	IB	8'-0"		4.00	PL
BLK3	1	IB	8'-0"		4.00	PL
BLK4	1	IB	8'-0"		4.00	PL
BLK5	1	IB	8'-0"		4.00	PL
BLK6	1	IB	8'-0"		4.00	PL
BLK7	1	IB	8'-0"		4.00	PL
BLK8	1	IB	8'-0"		4.00	PL
BLK9	1	IB	8'-0"		4.00	PL
BLK10	1	IB	8'-0"		4.00	PL
BLK11	1	IB	8'-0"		4.00	PL
BLK12	1	IB	8'-0"		4.00	PL
BLK13	1	IB	8'-0"		4.00	PL
BLK14	1	IB	8'-0"		4.00	PL
BLK15	1	IB	8'-0"		4.00	PL
BLK16	1	IB	8'-0"		4.00	PL
BLK17	1	IB	8'-0"		4.00	PL
BLK18	1	IB	8'-0"		4.00	PL

Starter Width= 4'-0", Interm. Width= 6'-0", End Width= 4'-0"  
Location =Outside Secondary Structural  
Direction =Across Secondary Structural  
Type:IB=Fiberglass Blanket  
Facing:PL=Polypropylene Scrim Kraft, Light Duty  
VP Ref: Shape Name = main, Wall = 5



COVERING ELEVATION AT WALL 5

VP Ref: Shape Name = main, Wall = 5

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VP Buildings, Inc.				COVERING ELEVATION AT WALL 5	
3200 Players Club Circle Memphis TN 38125				BUILDER	PATCO CONSTRUCTION
REV	DATE	BY	DESCRIPTION	CUSTOMER	Bio Processing Inc
				LOCATION	Portland, Maine
				PROJECT	Bio Processing Inc
				BUILDERS PO#	
NTS				VP BUILDINGS	JOB #
				VARCO-PRUCEN	WI0501267-01
				VP VERSION	5.21
					DATE
					10/20/2005
					DRAWN/CHECK
					DAT
					PAGE
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