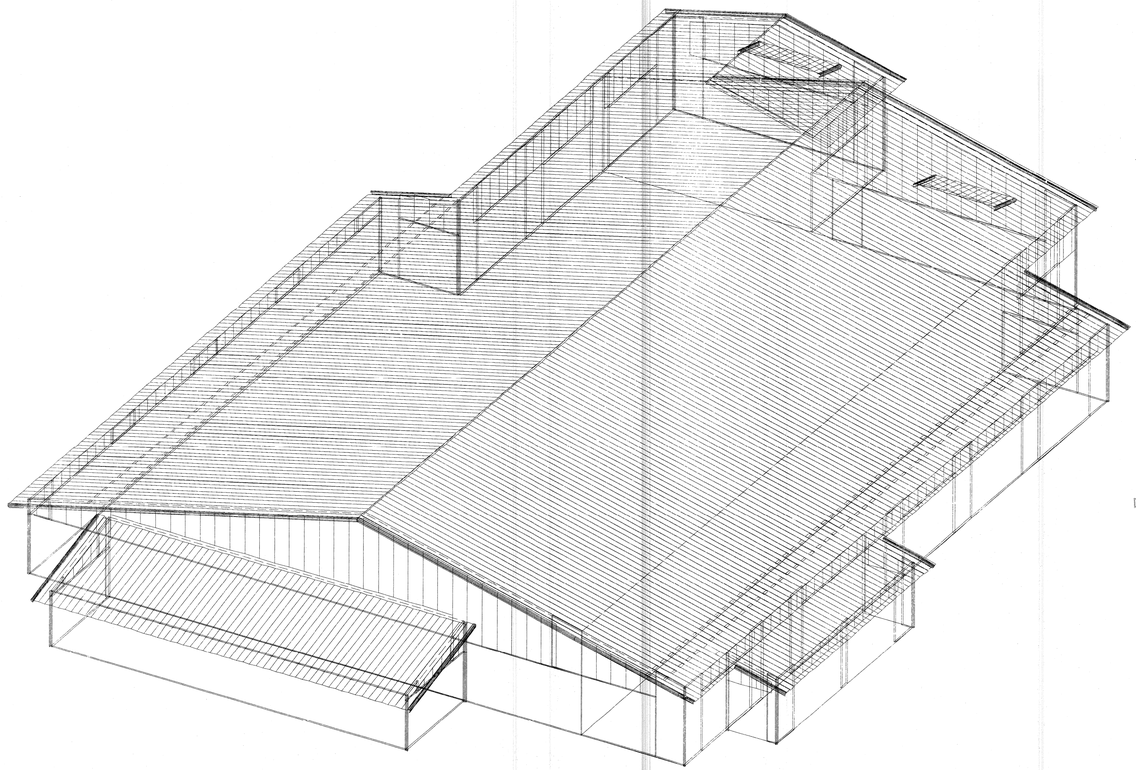
VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company

DRAWING INDEX

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Notes	2
Anchor Rod Plan	3-5
Primary Structural	6 - 28
Secondary Structural	29-45
Covering	46 - 65
Special Drawings	
Erection Details	66 - 80

DRAWING RELEASE HISTORY

TYPE		DATE	DESCRIPTION
Anchor Rod Plan		2/16/2009	FOR APPROVAL- NOT FOR CONSTRUCTION
APPROVALS		3/6/2009	" "
ANCHOR ROD PLAN	REV. #1	6/26/2009	FOR CONSTRUCTION
ANCHOR ROD PLAN	REV. #2	9/10/2009	FOR CONSTRUCTION
ERECTION DRAWINGS		10/30/2009	FOR CONSTRUCTION



VP Buildings 3200 Players Club Circle Memphis TN 38125

Final SCANNED Date 11/5/09 Initials DLH

Revised Anchor Rod SCANNED Date 9/10/09 Initials PAC

Anchor Rod Revised SCANNED Date 6/26/09 Initials PAC

Approval SCANNED Date 3/6/09 Initials PAC

GENERAL NOTES

MATERIALS

	ASTM DESIGNATION	
3 PLATE WELDED SECTIONS	A529, A572, A1011, A1018	GRADE 55
COLD FORMED LIGHT GAGE SHAPES	A653, A1011	GRADE 60
BRACE RODS	A572	GRADE 50
HOT ROLLED MILL SHAPES	A36, A529, A572, A588, A709, A992	GRADE 36 KSI UNLESS NOTED
HOT ROLLED ANGLES	A529, A572, A588, A709, A992	GRADE 50
HOLLOW STRUCTURAL SECTION (HSS)	A500	GRADE B
CLADDING	A653, A792	GRADE 50 OR GRADE 80

A325 & A490 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 (2004 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 IBC SEISMIC PERFORMANCE / DESIGN CATEGORY D, E OR F, UBC ZONE 3 OR 4. SEE CODES AND LOADS NOTES BELOW FOR FOR SEISMIC DESIGN CATEGORY. PRE-TENSION ALL PRIMARY FRAMING CONNECTIONS IN CANADA.

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.

CONNECTIONS DESIGNATED AS A325-X OR A490-X SHALL BE INSTALLED WITH BOLT HEAD ON SIDE OF THE THINNEST PLATE BEING CONNECTED.

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 A325 OR A490 CONNECTIONS TIGHTENED USING THE TURN-OF-THE-NUT METHOD DO NOT REQUIRE WASHERS. A490 BOLTS MUST ALWAYS BE PRE-TENSIONED.

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
Front LT: Building Use:Hazardous / Special Occupancy, Collateral Gravity: 6.00 psf (Not including bldg wt)
Left LT: Building Use:Hazardous / Special Occupancy, Collateral Gravity: 6.00 psf (Not including bldg wt)
Entrance LT: Building Use:Hazardous / Special Occupancy, Collateral Gravity: 6.00 psf (Not including bldg wt)
Right Gable: Building Use:Hazardous / Special Occupancy, Collateral Gravity: 6.00 psf (Not including bldg wt)
Main Building: Building Use:Hazardous / Special Occupancy, Collateral Gravity: 6.00 psf (Not including bldg wt)
LIVE LOADS AND RAINFALL
Live Load 20.00 psf (Reducible)
Rainfall: 12.00 inches per hour

SNOW LOAD
Ground Snow: 0.00 psf, **Flat Roof Snow:** 0.00 psf
Snow Exposure Category (Factor): 1 Fully Exposed (0.90)
Snow Importance: 1.000 **Thermal Category (Factor):** Heated (1.00)

WIND LOAD
Wind Speed: 130.00 mph, **Wind Exposure:** C
Basic Wind Pressure: 37.38 psf
Wind Importance Factor: 1.150, **Ft= Topographic Factor:** 1.0000
Wind Enclosure: Enclosed, 0.180
Note: 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:12.60 %g, **S1:**5.50 %g
Seismic Hazard / Use Group: Group 2
Seismic Performance / Design Category: B (See Bolt Tightening Note Above)
Seismic Snow Load: 0.00 psf
Seismic Importance: 1.250
Soil Profile Type: Stiff soil (D, 4)
Design Spectral Response - Sds: 0.1344, **Sd1:** 0.0880

Ordinary Steel Moment Frames
Frame Redundancy Factor:1.0000
Framing R-Factor: 3.0000, **Frame Seismic Factor (%s):** 0.0560, **Design Base Shear = 0.0560 W**
Ordinary Steel Concentric Braced Frames
Brace Redundancy Factor:1.0000
Bracing R-Factor: 3.0000, **Brace Seismic Factor (%s):** 0.0560, **Design Base Shear = 0.0560 W**

STATE OF LOUISIANA RONNIE D. PALMER REG. No. 16329 REGISTERED PROFESSIONAL ENGINEER CIVIL ENGINEERING
2/18/09

2/16/09 pgs. 1-5 For Approval
3/6/09 pg. 1-82 For Approval
6/26/09 pgs. 1-56 For Const. DAP
Rev. 9/10/09 " " For Const. DAP
11/5/09 pgs. 1-80 For Const. DAP

For Construction

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CAN/CSA A660 QUASAR Certified

IAS ACCREDITED AC172

COVER SHEET

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company
VPC VERSION: 7.1c

JOENO	08-28883-EP1
DATE	2/16/2009
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PAGE	1 of 80

FILENAME Broadmoor, LLC - Navairsef Cal Lab.VPC

2/17/2009 9:17:44

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.

As erected field assemblies of members shall be as specified in 2006 MBMA Metal Building Systems Manual Sec. 6 (in Canada - CSA S16-01 Clause 29.7), which generally require L/500 tolerance of assembled members.*
*For buildings with top riding bridge cranes see Crane Data drawing for column plumb tolerance.

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 -60F (-51C); Max 220F (104C)
Tape sealants - Service Temperature Range (Degrees): Min -60F (-51C); 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 1505.2).
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. The engineer responsible for the wall shall design the anchorage to VP supporting elements consistent with Code required forces including ASCE7-05 Sec, 12.11.

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.

The SSR/SLR joint detail is designed with an interlocking feature for ease of installation. However, it is imperative that installed SSR/SLR panels be secured to the secondary structural members and properly seamed prior to departure from the job site each day.

SKYLIGHTS

VP's Tuflites 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
IAS	FA-377	FA-240	FA-388	FA-376	FA-378
CSA-A660		VPBULO	VPBMOO		VPBWI9
CWB		Div. 1	Div. 1		Div. 1
Los Angeles, CA		Div. 1			Div. 1
Houston, TX	Approved		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 Approvals
- # 8245 - VP PR and VR Walls
- # 8043 - VP SSR and PR Roofs
- # 8713.1 - VP SSR Tuf-Lite
- # 8713.2 - VP PR Roof Tuf-Lite
- # 2690.12 - VP SLR (Listed as Span-Lok HP)
- # 3741-R1 - VP TextureClad (Listed as Transamerican Strukturoc, Inc.)

Dade Co. Product Approval
- SSR Roof; Panel Rib Roof; Panel Rib Wall; and Vee Rib Wall

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 60-UL#TGKX-60; Panel Rib Roof UL Class 90-UL#TGKX-64;
- VP SLR/AEP SL Roof Class 90-UL#TGKX-90

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

Patents
- WideBay Trussed Purlins : pat. 6,993,881 pat. 6,912,787

RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
STATE OF TENNESSEE
CIVIL ENGINEERING
1/22/09

FOR CONSTRUCTION

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

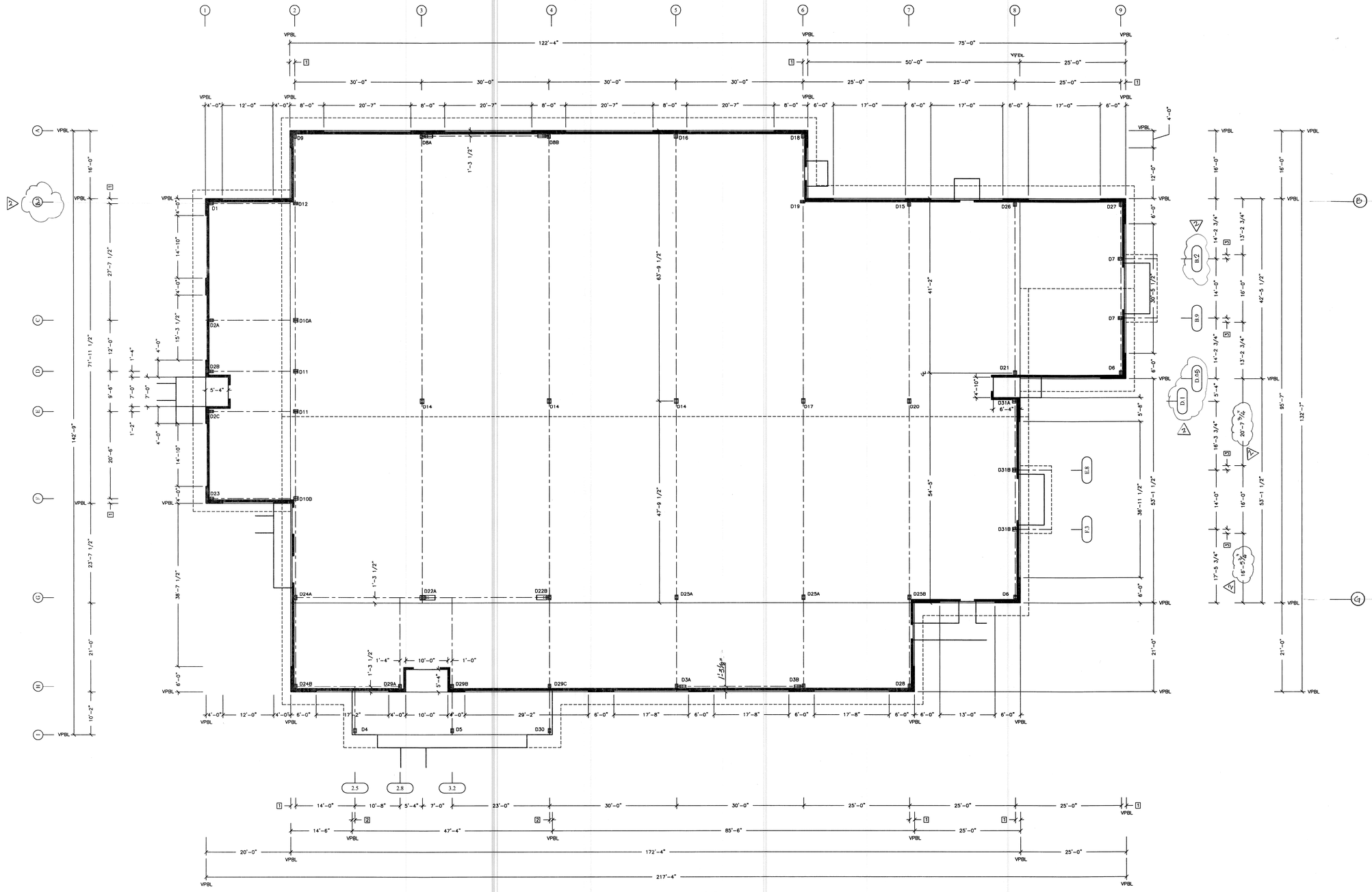
Erection Notes

BUILDER: Broadmoor, LLC
CUSTOMER: U.S. Naval Public Works Complex
LOCATION: Belle Chasse, Louisiana
PROJECT: Navairsef AC Calibration Lab
BUILDERS PO#:

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1c

JOBNO: 08-28883-EP1
DATE: 2/16/2009
DRAWN/CHECK: TLK / JADN
PAGE: 2 OF 80

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ANCHOR ROD PLAN

Shape Name = Front LT, Shape = Left LT, Shape = Entrance LT, Shape = Right Cable, Shape = Main Building

3 1'-0"
2 8"
1 1'-2"
☐Dimension Key

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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STATE OF TENNESSEE
RONNIE D. PALMER
REG. No. 19328
REGISTERED
PROFESSIONAL ENGINEER
VP ENGINEERING
6/2/09

FOR CONSTRUCTION

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

REV	DATE	BY	DESCRIPTION
1	6.26.2009	KB	FOR CONSTRUCTION
2	8.10.2009	TW	FOR CONSTRUCTION

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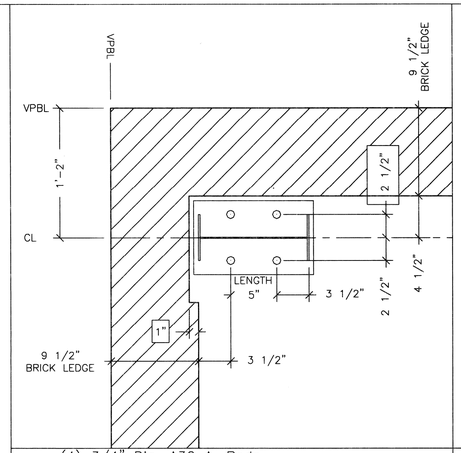
ANCHOR ROD PLAN

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

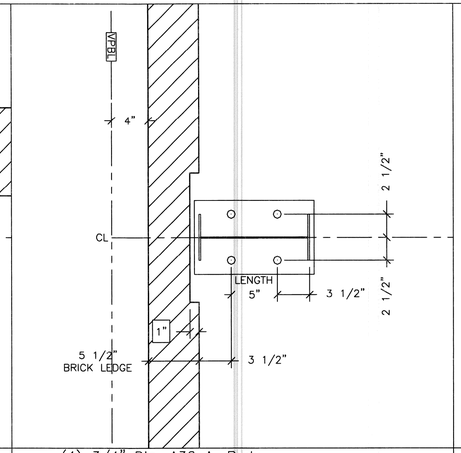
VP BUILDINGS VARCO-PRUDEN
VPC VERSION: 7.1e

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DATE	6/17/2009
DRAWN/CHECK	KB/KB
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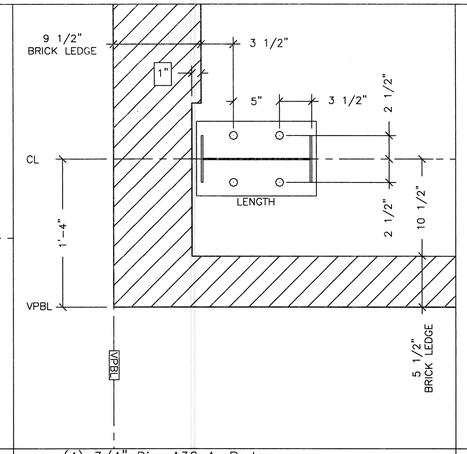
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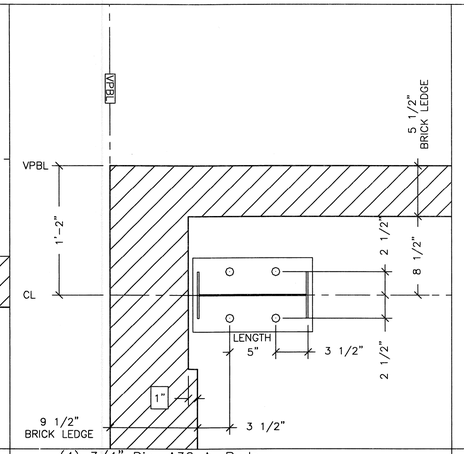
D1 (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



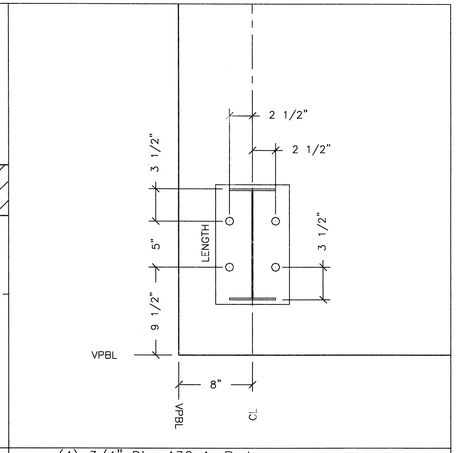
D2A (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



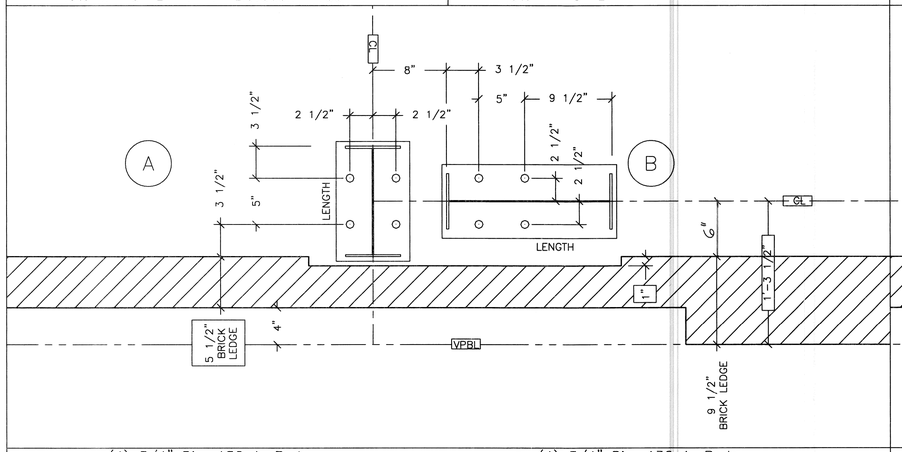
D2B (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



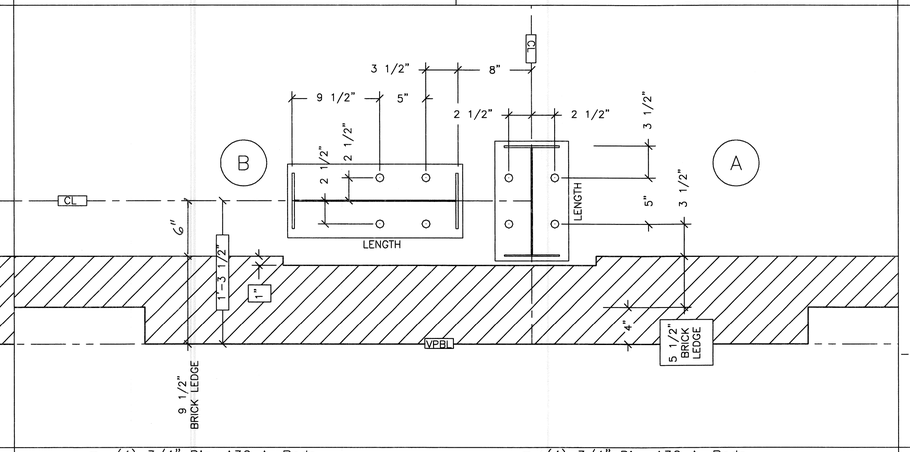
D2C (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



D4 (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"

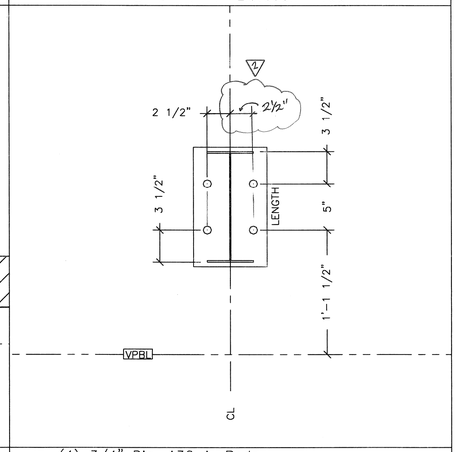


D3A (A) (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"

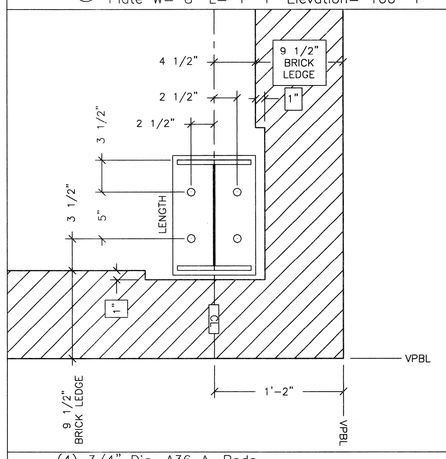


D3B (A) (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"

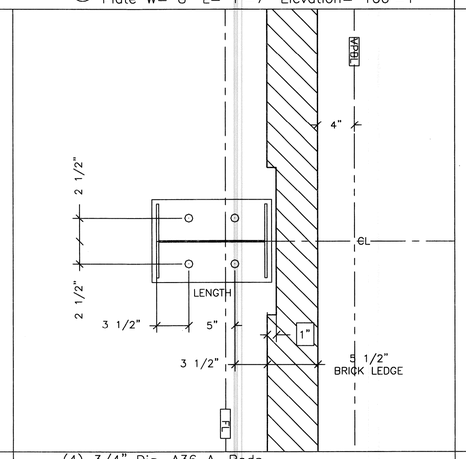
(B) (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-7" Elevation= 100'-1"



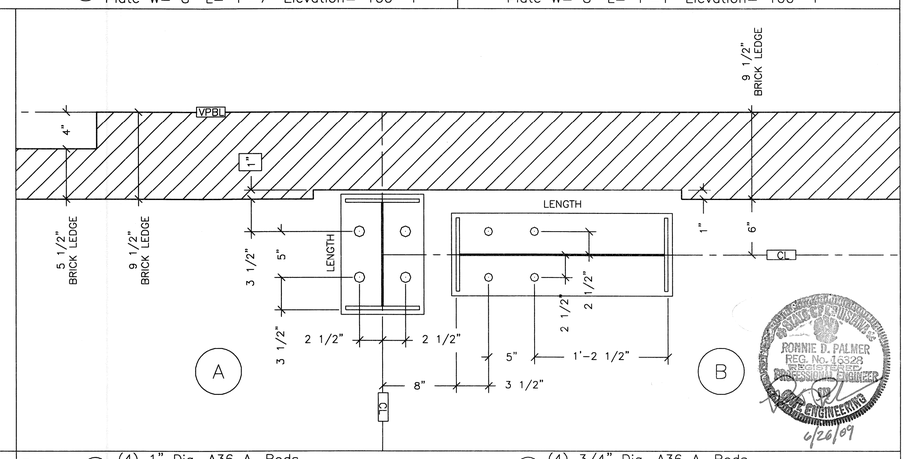
D5 (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



D6 (4) 3/4" Dia. A36 A. Rods
Plate W= 9" L= 1'-1" Elevation= 100'-1"



D7 (4) 3/4" Dia. A36 A. Rods
Plate W= 9" L= 1'-1" Elevation= 100'-1"



D8A (A) (4) 1" Dia. A36 A. Rods
Plate W= 9" L= 1'-1" Elevation= 100'-1"

(B) (4) 3/4" Dia. A36 A. Rods
Plate W= 9" L= 2'-0" Elevation= 100'-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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VPBL - DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK

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

REV	DATE	BY	DESCRIPTION
1	6/26/2009	KB	FOR CONSTRUCTION
2	9/10/2009	TBK	MISSING DIMENSION D5

NTS

ANCHOR ROD PLAN FOR CONSTRUCTION

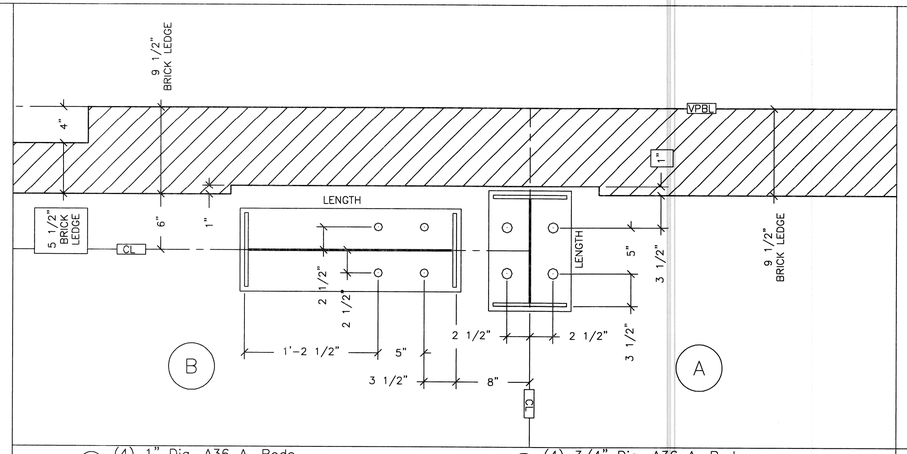
BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO-PRUDEN
VPC VERSION: 7.1e

JOBNO	08-28883-EPL
DATE	6/17/2009
DRAWN/CHECK	KB/KB
PAGE	4 OF 80

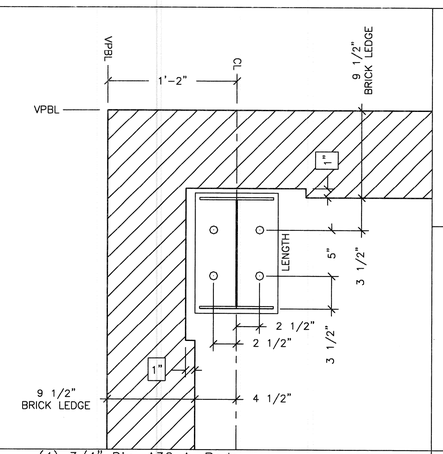
FILENAME: Broadmoor, LLC - Navairsef Cal Lab.VPC

2/20/2009 8:43:59

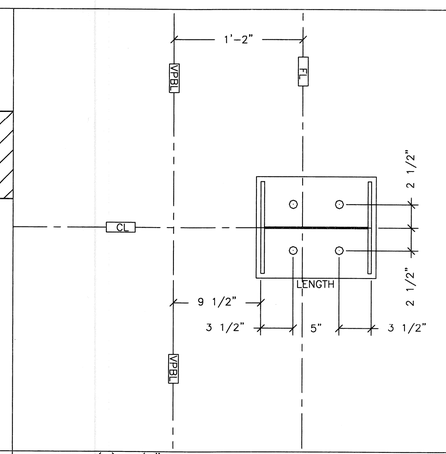


D8B (A) (4) 1" Dia. A36 A. Rods
Plate W= 9" L= 1'-1" Elevation= 100'-1"

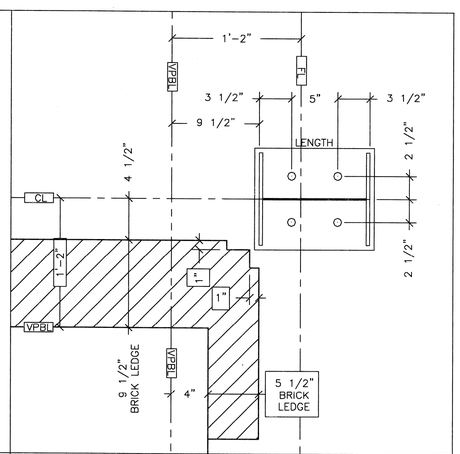
(B) (4) 3/4" Dia. A36 A. Rods
Plate W= 9" L= 2'-0" Elevation= 100'-1"



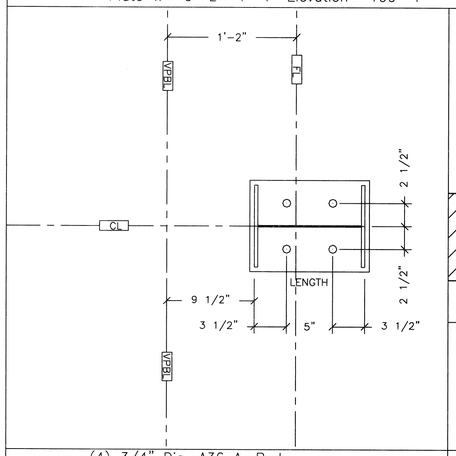
D9 (4) 3/4" Dia. A36 A. Rods
Plate W= 9" L= 1'-1" Elevation= 100'-1"



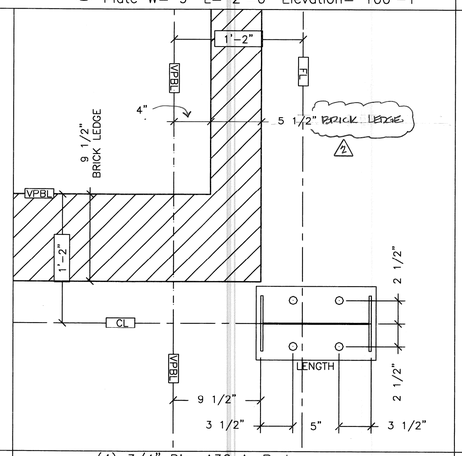
D10A (4) 3/4" Dia. A36 A. Rods
Plate W= 11" L= 1'-1" Elevation= 100'-1"



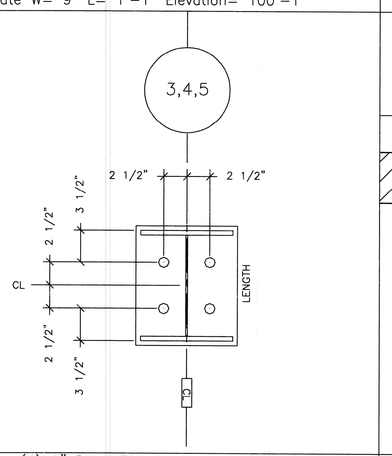
D10B (4) 3/4" Dia. A36 A. Rods
Plate W= 11" L= 1'-1" Elevation= 100'-1"



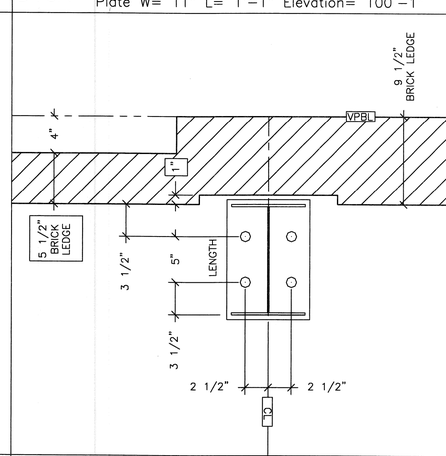
D11 (4) 3/4" Dia. A36 A. Rods
Plate W= 10" L= 1'-1" Elevation= 100'-1"



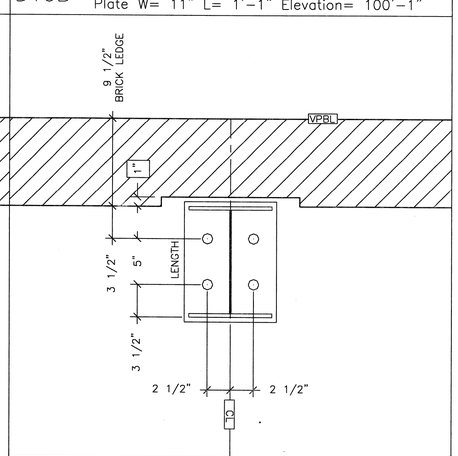
D12 (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



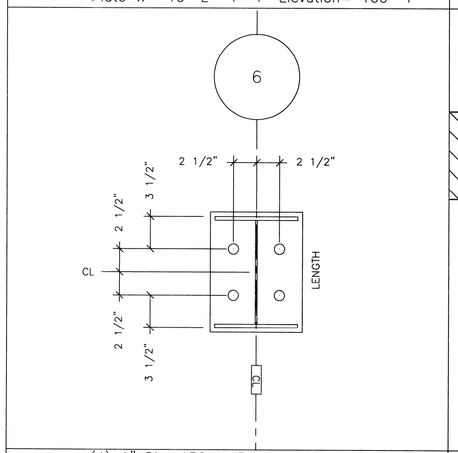
D14 (4) 1" Dia. A36 A. Rods
Plate W= 11" ELSEWHERE 10" Elsewhere 3/4" Elsewhere Elevation= 100'-1"



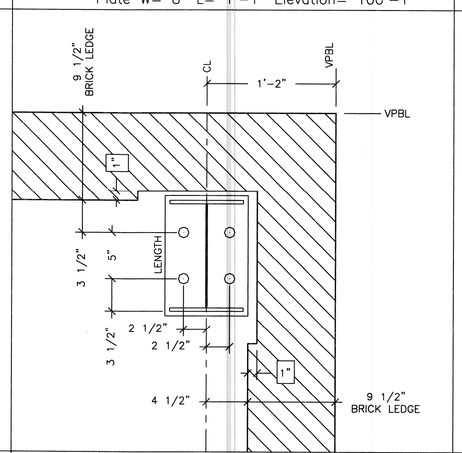
D15 (4) 1" Dia. A36 A. Rods
Plate W= 9" L= 1'-1" Elevation= 100'-1"



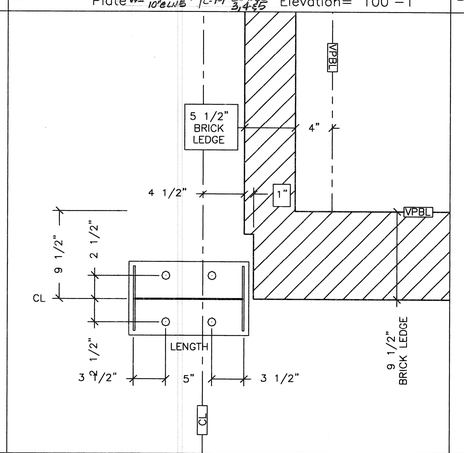
D16 (4) 1" Dia. A36 A. Rods
Plate W= 9" L= 1'-1" Elevation= 100'-1"



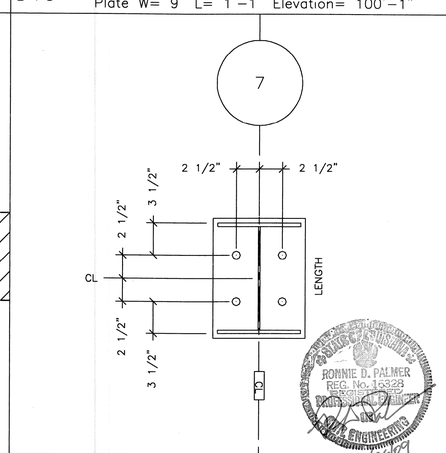
D17 (4) 1" Dia. A36 A. Rods
Plate W= 10" L= 1'-1" Elevation= 100'-1"



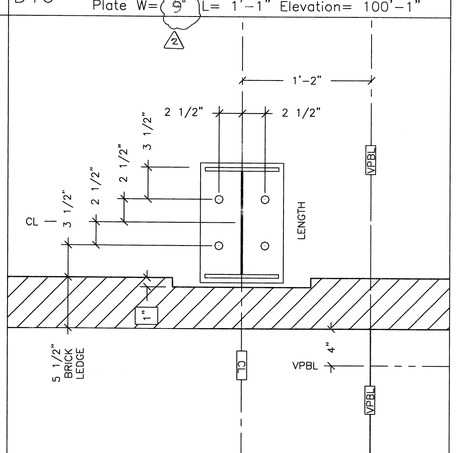
D18 (4) 1" Dia. A36 A. Rods
Plate W= 9" L= 1'-1" Elevation= 100'-1"



D19 (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



D20 (4) 1" Dia. A36 A. Rods
Plate W= 11" L= 1'-1" Elevation= 100'-1"



D21 (4) 3/4" Dia. A36 A. Rods
Plate W= 9" L= 1'-1" Elevation= 100'-1"

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

REV	DATE	BY	DESCRIPTION
1	6/26/2009	KB	FOR CONSTRUCTION
2	9/10/2009	TW	BRACE & SIZE D20 & D16

NTS

ANCHOR ROD PLAN

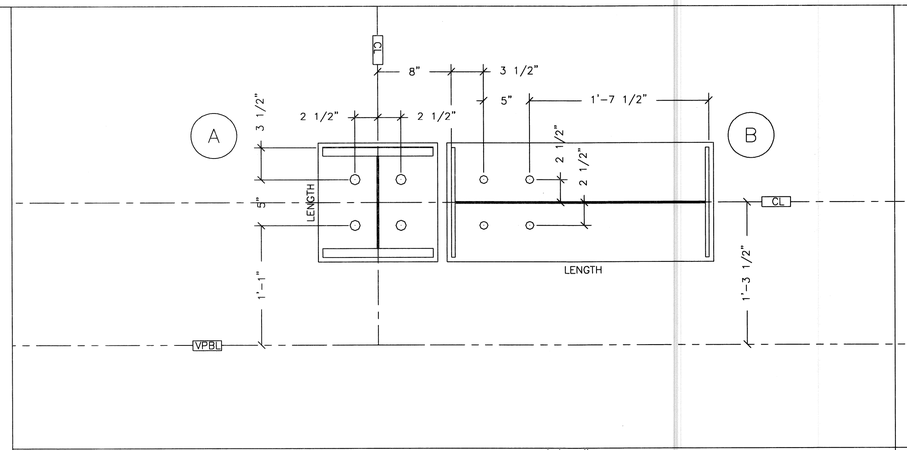
FOR CONSTRUCTION

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	
VPC VERSION:	7.1e
FILENAME:	Broadmoor, LLC - Navairsef Cal Lab.VPC

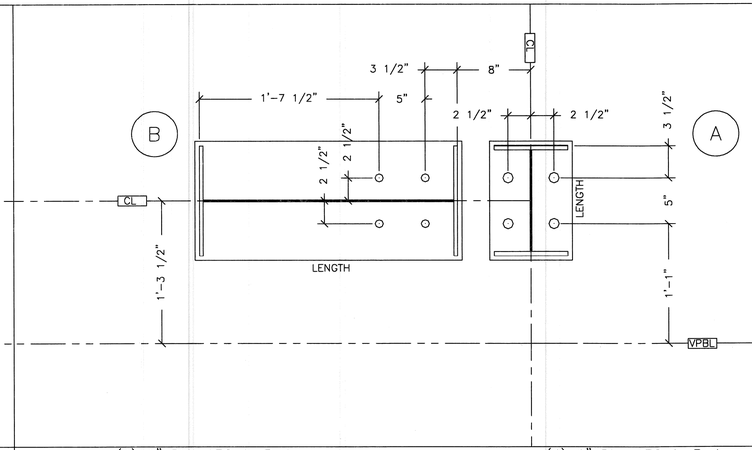
VP BUILDINGS VARCO-PRUDEN

JOBNO	08-28883-EP1
DATE	6/17/2009
DRAWN/CHECK	KB/KB
PAGE	5 OF 80

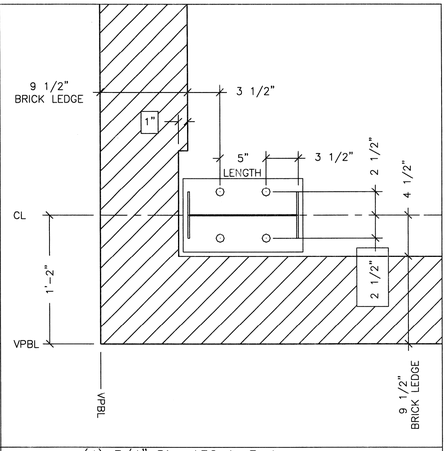
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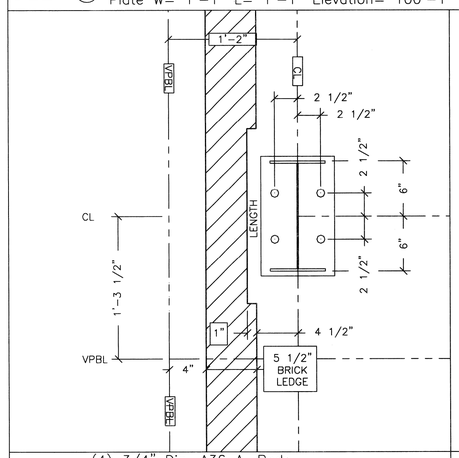
D22A Ⓐ (4) 1" Dia. A36 A. Rods
Plate W= 1'-1" L= 1'-1" Elevation= 100'-1"



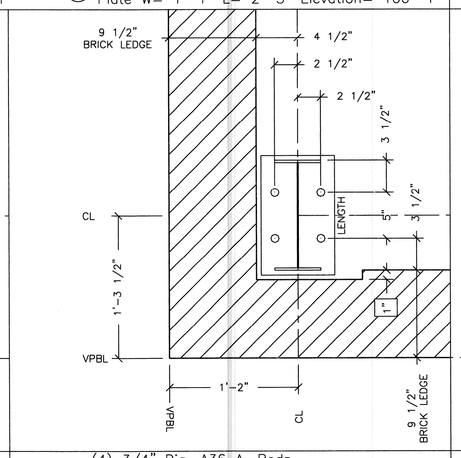
Ⓑ (4) 1" Dia. A36 A. Rods
Plate W= 1'-1" L= 2'-5" Elevation= 100'-1"



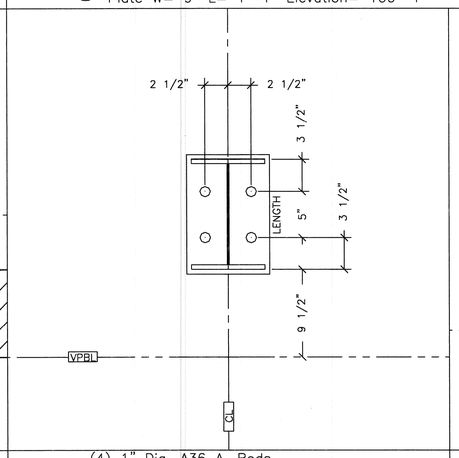
D23 (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



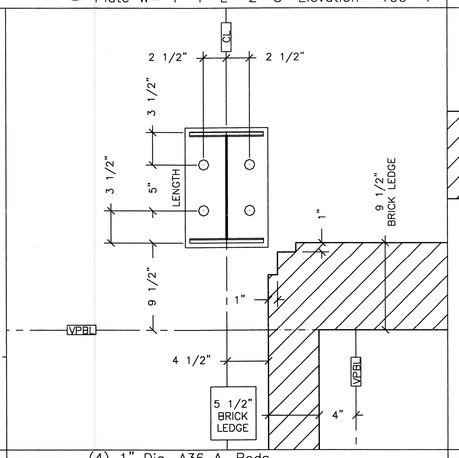
D24A (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



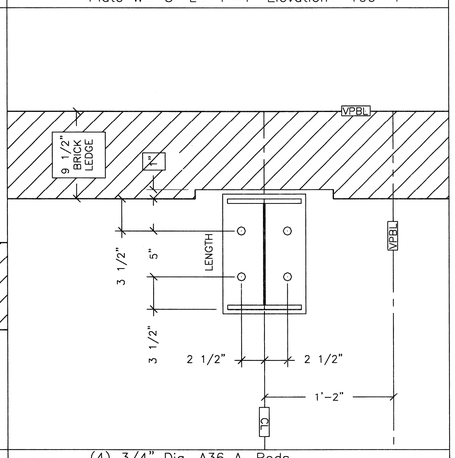
D24B (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



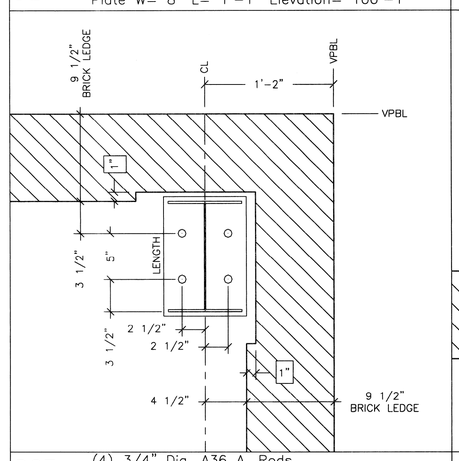
D25A (4) 1" Dia. A36 A. Rods
Plate W= 9" L= 1'-1" Elevation= 100'-1"



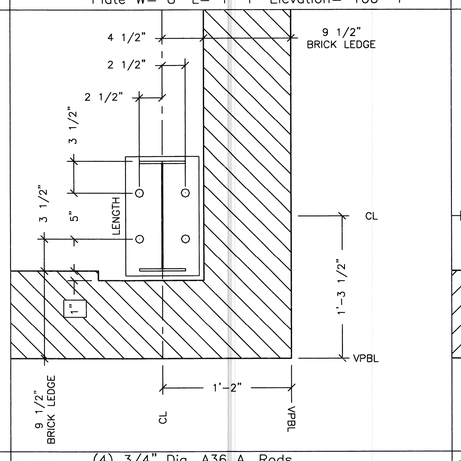
D25B (4) 1" Dia. A36 A. Rods
Plate W= 1'-1" L= 1'-1" Elevation= 100'-1"



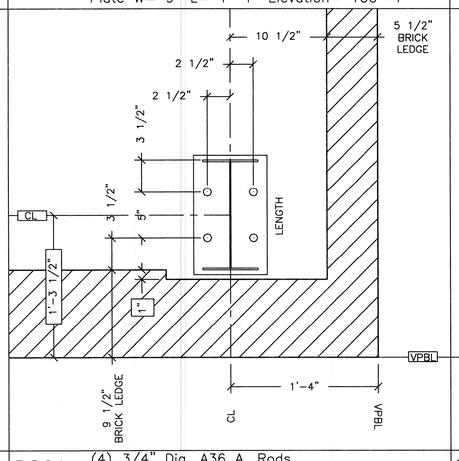
D26 (4) 3/4" Dia. A36 A. Rods
Plate W= 9" L= 1'-1" Elevation= 100'-1"



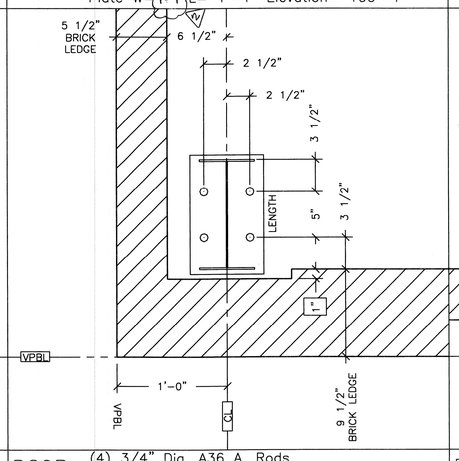
D27 (4) 3/4" Dia. A36 A. Rods
Plate W= 9" L= 1'-1" Elevation= 100'-1"



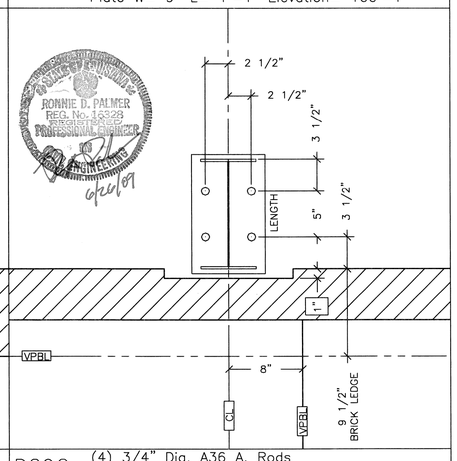
D28 (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



D29A (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



D29B (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



D29C (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"

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VPBL – DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK

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

REV	DATE	BY	DESCRIPTION
1	6/26/2009	KB	FOR CONSTRUCTION
2	9/10/2009	TLK	BASE PLATE SIZE D15B

NTS

2/20/2009 8:43:59

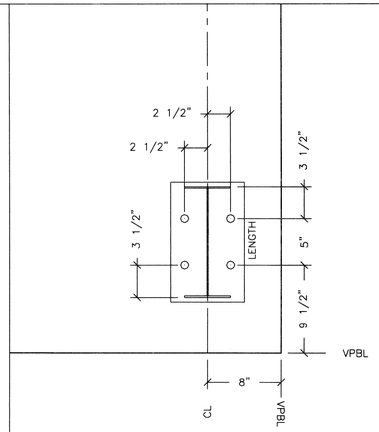
ANCHOR ROD PLAN FOR CONSTRUCTION

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

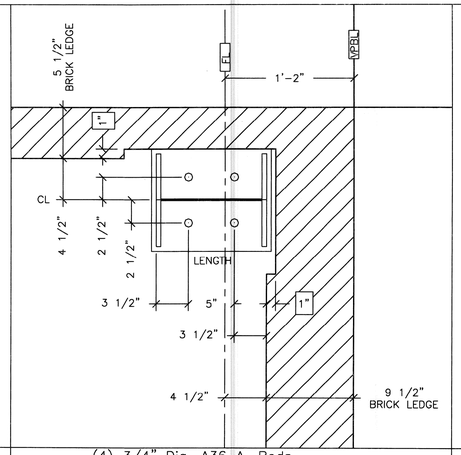
VP BUILDINGS VARCO-PRUDEN
VPC VERSION: 7.1e

JOBNO	08-28883-EP1
DATE	6/17/2009
DRAWN/CHECK	KB/KB
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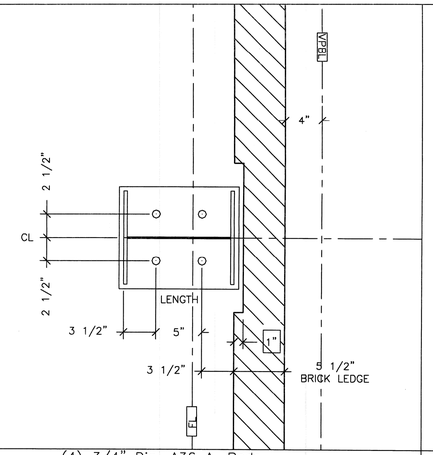
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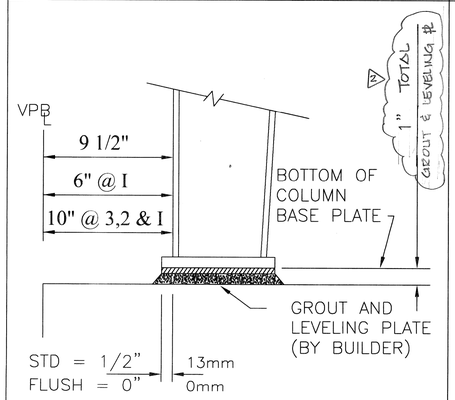
D30 (4) 3/4" Dia. A36 A. Rods
Plate W= 8" L= 1'-1" Elevation= 100'-1"



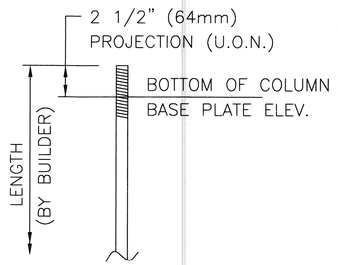
D31A (4) 3/4" Dia. A36 A. Rods
Plate W= 11" L= 1'-1" Elevation= 100'-1"



D31B (4) 3/4" Dia. A36 A. Rods
Plate W= 11" L= 1'-1" Elevation= 100'-1"

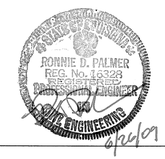


TYPICAL COLUMN BASE PLATE DETAIL



TYPICAL ANCHOR ROD PROJECTION

1. CONCRETE, GROUT, ANCHOR RODS, AND ANY OTHER EMBEDDED ITEMS ARE TO BE FURNISHED BY OTHERS.
2. UNLESS OTHERWISE SPECIFIED, MANUFACTUER ASSUMES CONCRETE HAS A COMPRESSIVE STRENGTH OF 3000 PSI.
3. ANCHOR ROD DIAMETERS WERE DETERMINED BY ALLOWABLE SHEAR AND TENSION PER AISC SPECIFICATIONS (FY=36KSI). ANCHOR ROD LENGTH, EFFECTS OF EMBEDDED ANCHOR ROD EDGE DIMENSIONS AND METHOD OF TRANSFERRING FORCES FROM ANCHOR RODS TO FOOTINGS ARE TO BE DETERMINED BY OTHERS.
4. UNLESS OTHERWISE SPECIFIED, ANCHOR RODS ARE DETAILED WITH A PITCH AND GAGE OF 5 INCHES ASSUMING "CAST-IN-PLACE" ANCHOR RODS WITH "SNUG TIGHT" CONNECTIONS.
5. FOUNDATION MUST BE LEVEL, SQUARE AND SMOOTH. ANCHOR RODS MUST BE ACCURATELY PLACED AS SHOWN ON THIS DRAWING OR STEEL WILL NOT FIT.
6. THE BUILDER IS RESPONSIBLE FOR ACCURATE SETTING OF ANCHOR RODS WITHIN INDIVIDUAL COLUMN ROD GROUPS -TOLERANCE +-1/8". DIMENSIONS BETWEEN ANCHOR ROD GROUPS - TOLERANCE +-1/4". ERECTION OF STEEL COMPONENTS MUST BE STRAIGHT AND PLUMB PER MBMA CODE OF STANDARD PRACTICE.
7. DESIGN LOADS AND REACTIONS ARE FURNISHED IN THE REACTIONS REPORT.



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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VPBL - DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK

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.

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

REV	DATE	BY	DESCRIPTION
1	6/26/2009	KB	FOR CONSTRUCTION
2	9/10/2009	TW	TYPICAL COL. BASE PL. DETAIL

NTS

ANCHOR ROD PLAN FOR CONSTRUCTION

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO-PRUDEN
VPC VERSION: 7.1e

JOBNO	08-28883-EPI
DATE	6/17/2009
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2/20/2009 8:43:59
FILENAME: Broadmoor, LLC - Navairsef Cal Lab.VPC

MEMBER SCHEDULE:

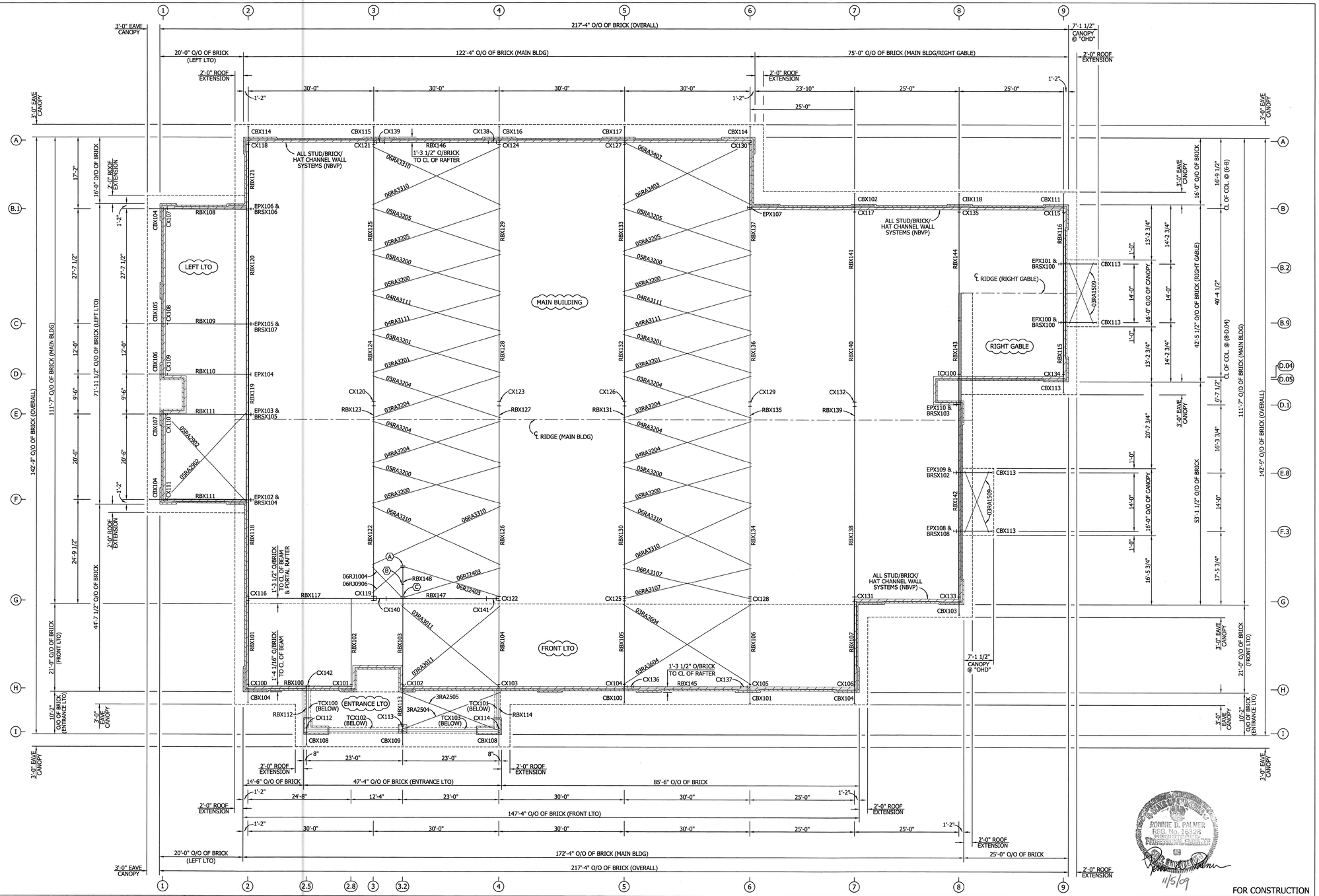
PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
RBX148	6"	.2500"	.1875"	1'-1"	8'-2 5/16"

CONNECTION SCHEDULE:

Ⓐ CONNECT RBX148 TO HI-SIDE WEB OF PURLIN WITH (6) 1/2" X 1 1/2" A325 BOLTS WITH WASHERS ON "BOTH" SIDES. CONNECT BRACE ROD PADS TO SQUARE WASHERS ON RBX148 WITH (1) 3/4" X 2" A325 BOLT AT EACH CONNECTION.

Ⓑ CONNECT RBX148 TO HI-SIDE WEB OF PURLIN WITH (6) 1/2" X 1 1/2" A325 BOLTS WITH WASHERS ON "BOTH" SIDES.

Ⓒ CONNECT RBX148 TO WEB OF JACK BEAM WITH COMMON BOLTS (4-3/4" X 2 1/4" A325) FROM LEAN-TO CONNECTION. CONNECT BRACE ROD PADS TO SQUARE WASHERS ON RBX148 WITH (1) 3/4" X 2" A325 BOLT AT EACH CONNECTION.



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Shape Name = Front LT, Shape = Left LT, Shape = Entrance LT, Shape = Right Gable, Shape = Main Building

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

PRIMARY AND ROOF BRACING PLAN

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1r

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	6 OF 80

STATE OF TENNESSEE
RONNIE D. PALMER
REG. No. 16328
REGISTERED PROFESSIONAL ENGINEER
11/5/09

FOR CONSTRUCTION

Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX104	10001	5"	.1875	.1345	11 1/2"	11 1/2"	4'-8"
CX107	1	6"	.2500	.1345	1'-0"	1'-0"	10'-3 13/16"
RBX108	2	5"	.1875	.1345	9"	1'-0"	19'-9 3/16"
	3	5"	.1875	.1345	1'-0"	11 11/16"	

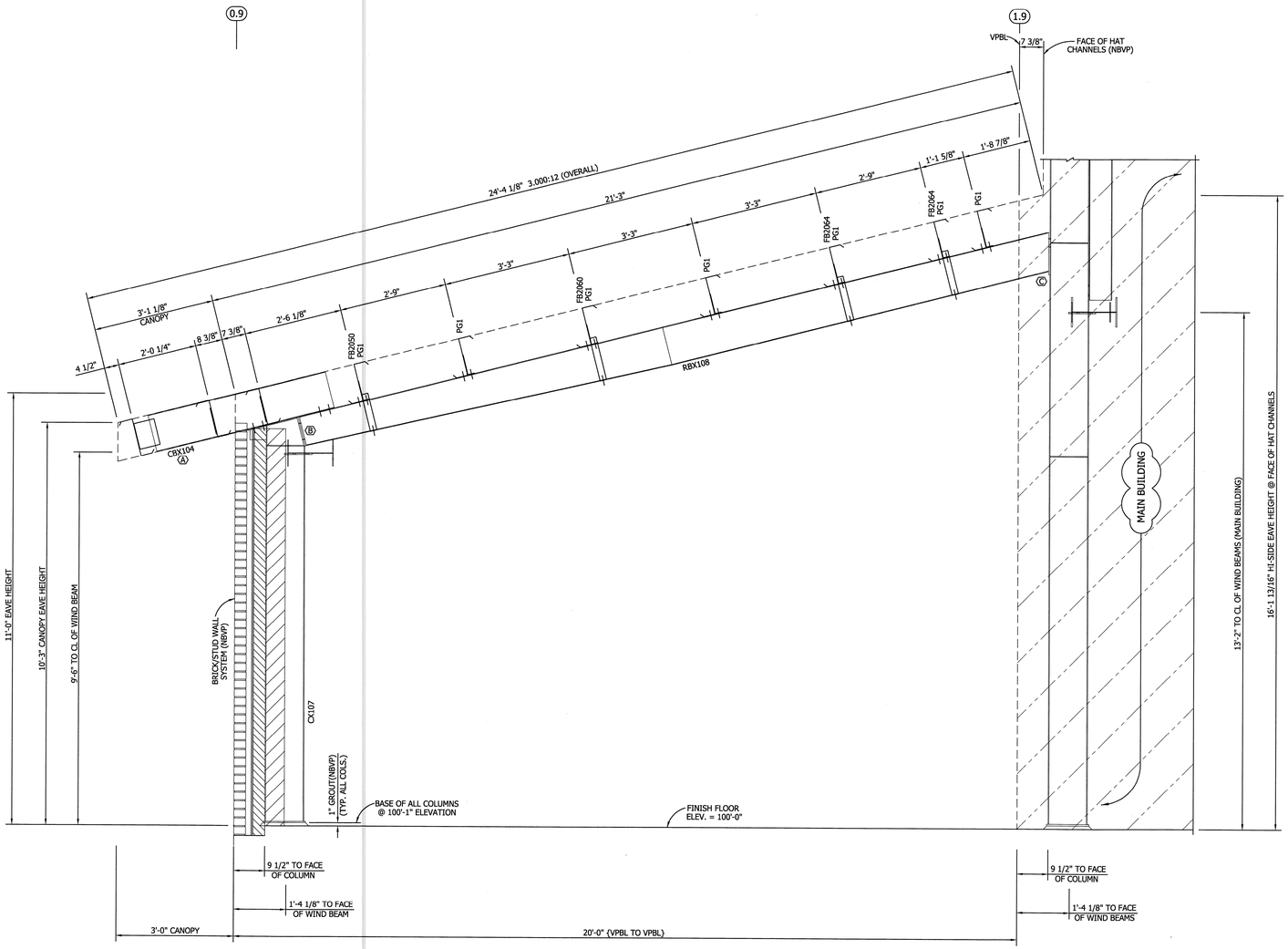
◯ Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO RAFTER FLANGE"
B	4	A325	3/4"	2"	3/8"	1	1	NA	NA
C	4	A325	1/2"	1 1/2"	3/8"	2	-	NA	NA

Frame Clearances

Vert. Clearance at member 1(CX107): 9'-8 1/4"

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



FRAME CROSS SECTION AT FRAME LINE "B.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER
REG. No. 16328
PROFESSIONAL ENGINEER
STATE OF LOUISIANA
11/5/09

FOR CONSTRUCTION

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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Shape Name = Left LT Wall 2, Frame 1

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(LEFT LTO) FRAME CROSS SECTION @ LINE "B.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX105	10001	5"	.2500	.1345	11 1/2"	11 1/2"	4'-8"
CX108	1	5"	.1875	.1345	1'-0"	1'-0"	10'-3 13/16"
RBX109	2	5"	.1875	.1345	9"	11"	19'-9 3/16"
	3	5"	.1875	.1345	11"	10 3/4"	

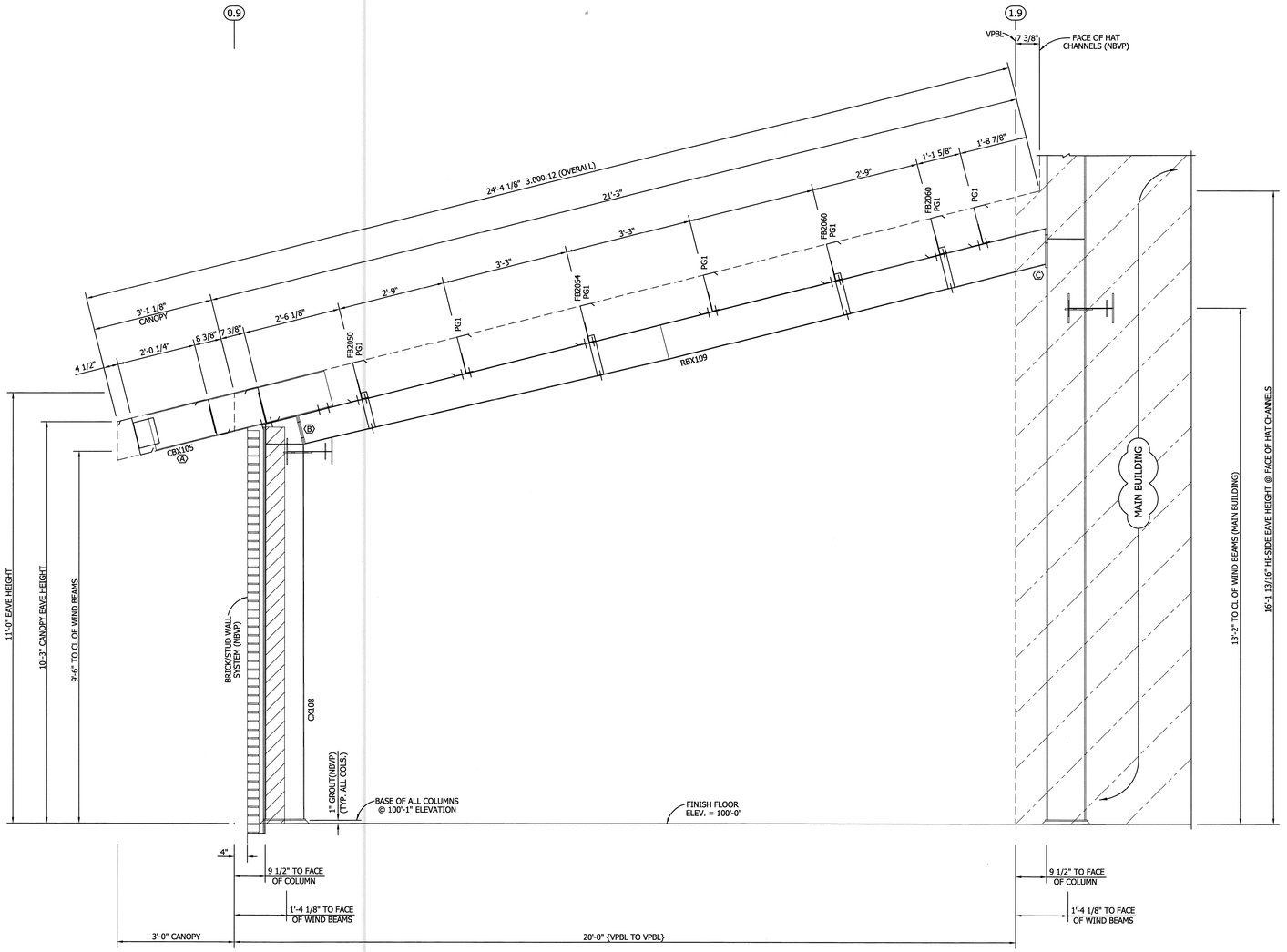
Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO RAFTER FLANGE"
B	4	A325	3/4"	2"	3/8"	1	1	NA	NA
C	4	A325	1/2"	1 1/2"	3/8"	2	-	NA	NA

Frame Clearances

Vert. Clearance at member 1(CX108): 9'-8 1/4"

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



FRAME CROSS SECTION AT FRAME LINE "C"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER
REG. No. 16329
REGISTERED
PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
11/5/09

FOR CONSTRUCTION

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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Shape Name = Left LT Wall 2, Frame 2

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(LEFT LTO) FRAME CROSS SECTION @ LINE "C"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX106	10001	5"	.1875	.1345	11 1/2"	11 1/2"	4'-8"
CX109	1	5"	.2500	.1345	1'-0"	1'-0"	10'-3 13/16"
RBX110	2	5"	.1875	.1345	9"	9"	19'-9 3/16"
	3	5"	.1875	.1345	9"	9"	

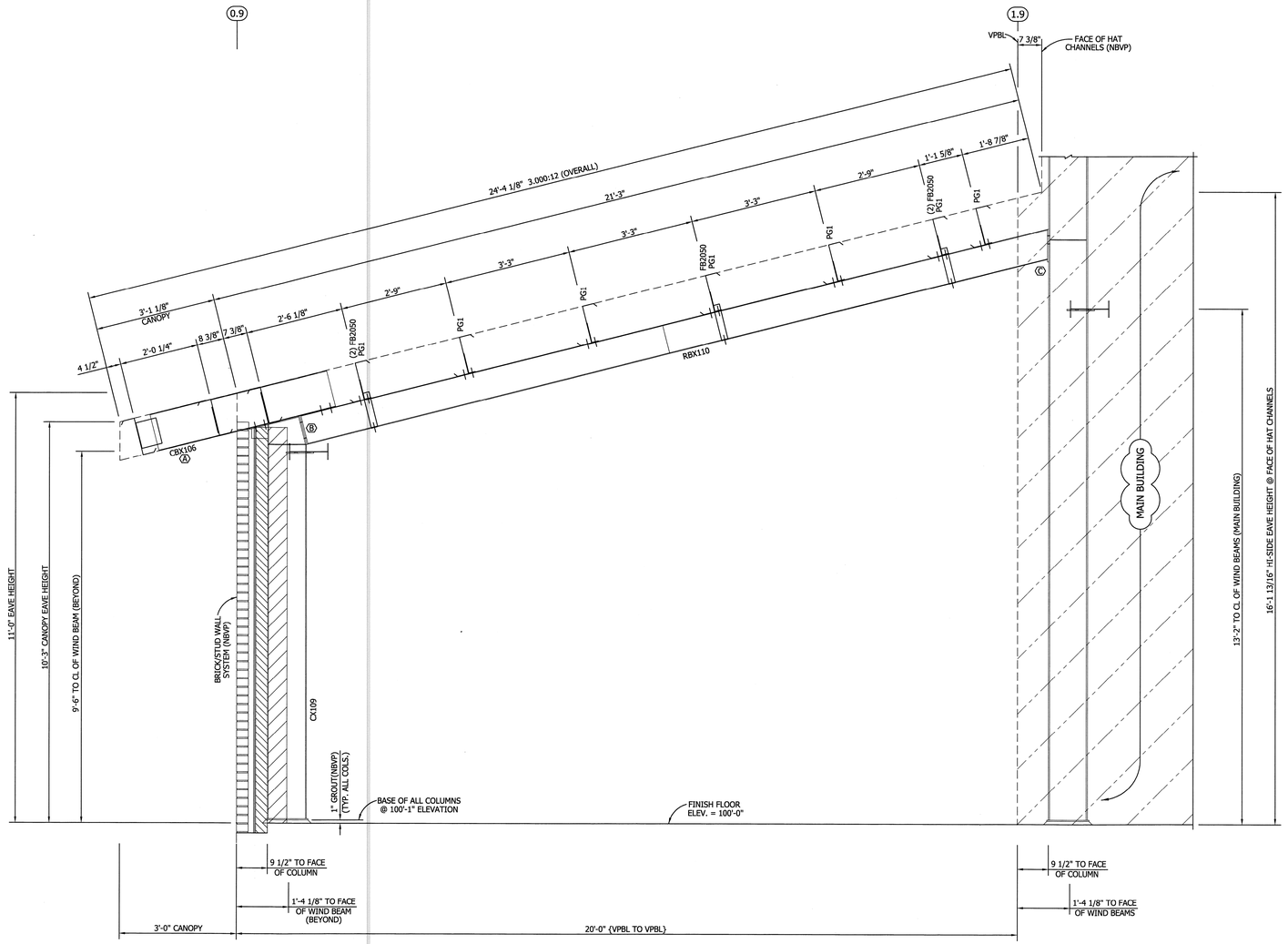
⬡ Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO RAFTER FLANGE"
B	4	A325	3/4"	2"	3/8"	1	1	NA	NA
C	4	A325	1/2"	1 1/2"	3/8"	2	-	NA	NA

Frame Clearances

Vert. Clearance at member 1(CX109): 9'-8 1/4"

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



FRAME CROSS SECTION AT FRAME LINE "D"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER REG. No. 16328 REGISTERED PROFESSIONAL ENGINEER STATE OF TENNESSEE 11/5/09

FOR CONSTRUCTION

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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Shape Name = Left LT Wall 2, Frame 3

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VP Buildings

3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(LEFT LTO) FRAME CROSS SECTION @ LINE "D"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN

A BlueScope Steel Company

VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX107	10001	5"	.1875	.1345	11 1/2"	11 1/2"	4'-8"
CX110	1	5"	.2500	.1345	1'-0"	1'-0"	10'-3 13/16"
RBX111	2	5"	.1875	.1345	9"	11"	19'-9 3/16"
	3	5"	.1875	.1345	11"	10/3/4"	

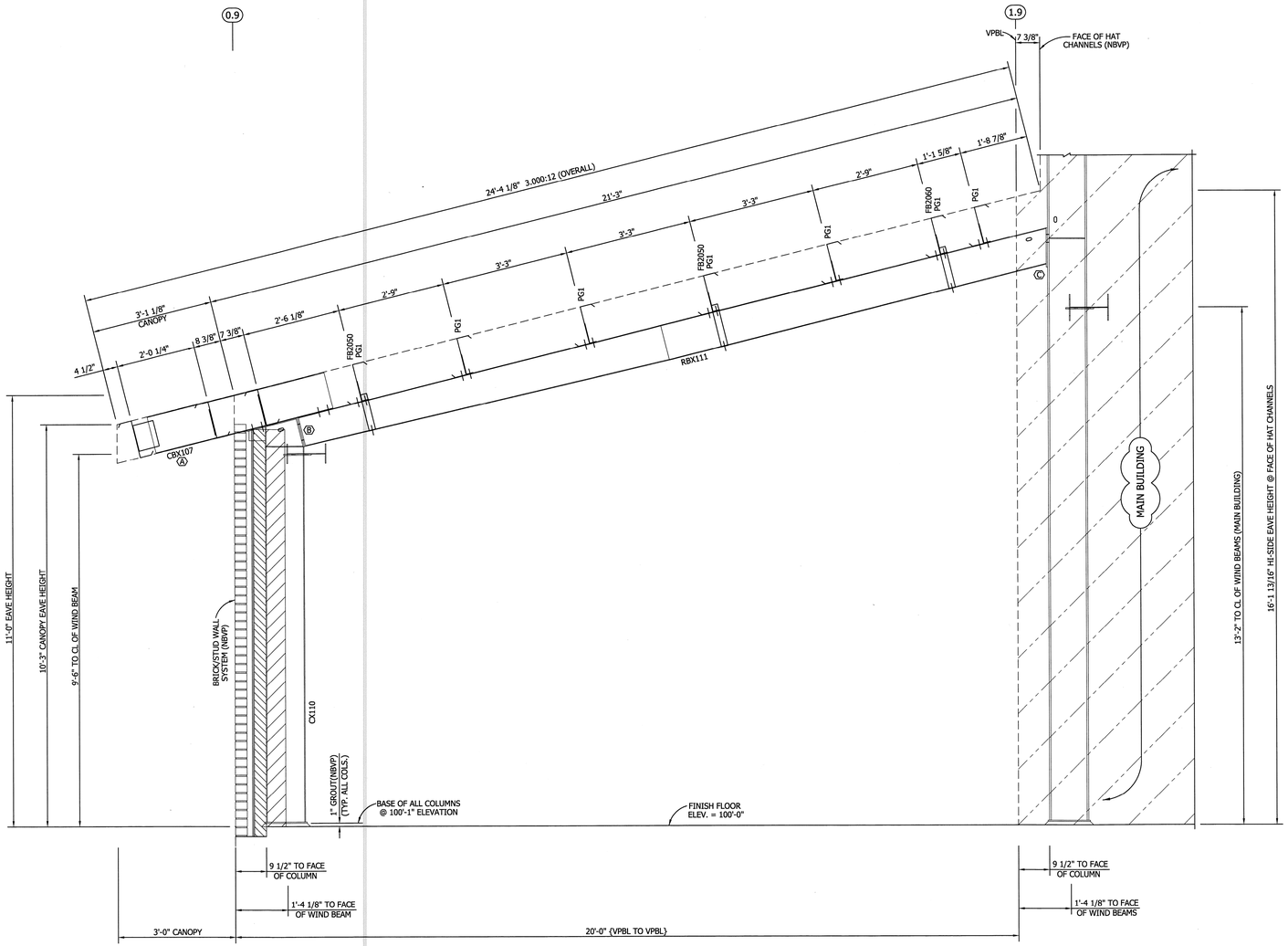
Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO RAFTER FLANGE"
B	4	A325	3/4"	2"	3/8"	1	1	NA	NA
C	4	A325	1/2"	1 3/4"	3/8"	2	-	NA	NA

Frame Clearances

Vert. Clearance at member 1(CX110): 9'-8 1/4"

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



FRAME CROSS SECTION AT FRAME LINE "E"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER REG. No. 16328 REGISTERED PROFESSIONAL ENGINEER 11/5/09

FOR CONSTRUCTION

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Shape Name = Left LT Wall 2, Frame 4

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VP Buildings

3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(LEFT LTO) FRAME CROSS SECTION @ LINE "E"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN

A BlueScope Steel Company

VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX104	10001	5"	.1875	.1345	11 1/2"	11 1/2"	4'-8"
CX111	1	6"	.2500	.1345	1'-0"	1'-0"	10'-3 13/16"
RBX111	2	5"	.1875	.1345	9"	11"	19'-9 3/16"
	3	5"	.1875	.1345	11"	10 3/4"	

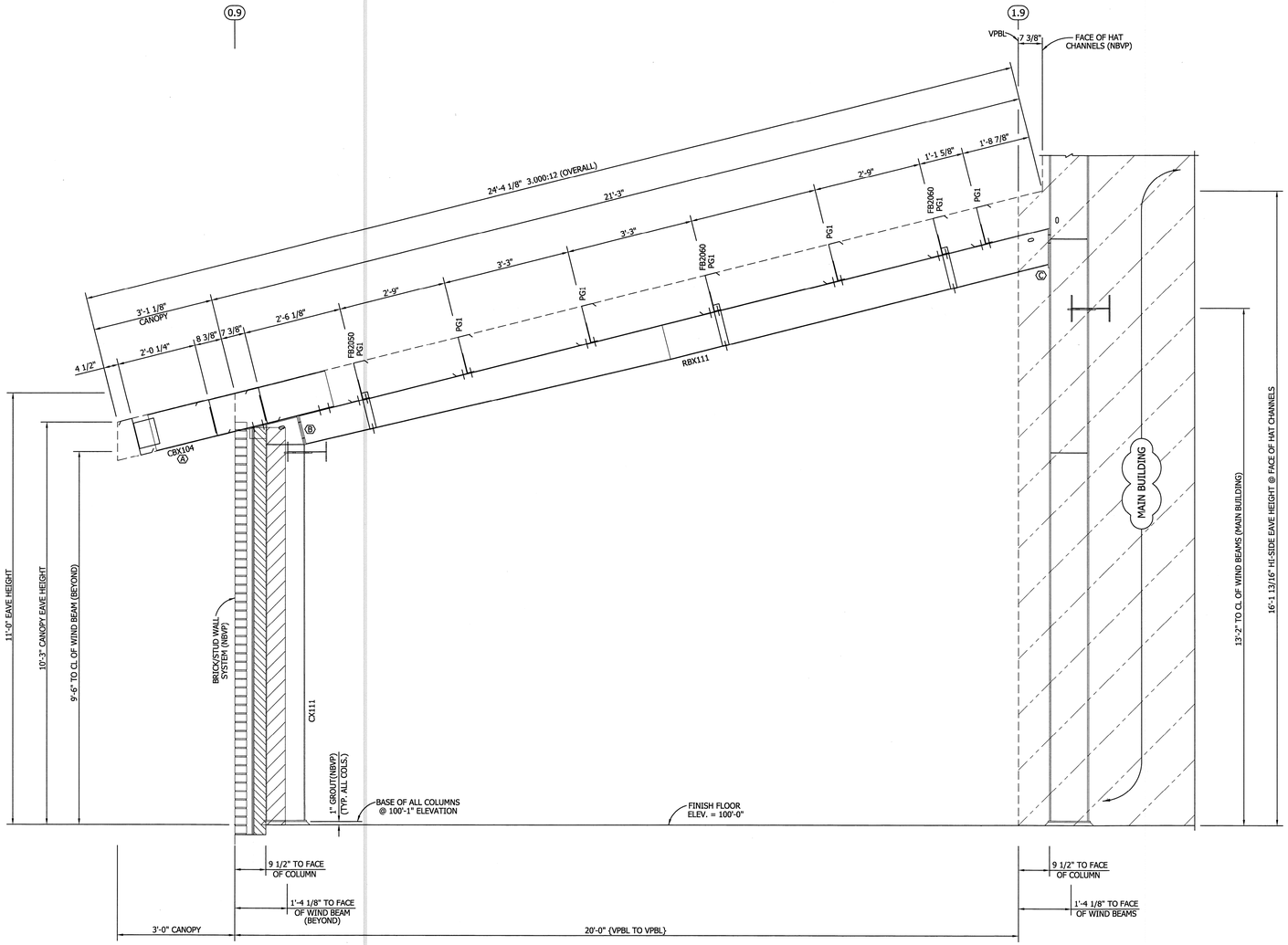
Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO RAFTER FLANGE"
B	4	A325	3/4"	2"	3/8"	1	1	NA	NA
C	4	A325	1/2"	1 1/2"	3/8"	2	-	NA	NA

Frame Clearances

Vert. Clearance at member 1(CX111): 9'-8 1/4"

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



FRAME CROSS SECTION AT FRAME LINE "F"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER REG. No. 16229 REGISTERED PROFESSIONAL ENGINEER VP BUILDINGS ENGINEERING 11/5/09

FOR CONSTRUCTION

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.

Shape Name = Left LT Wall 2, Frame 5

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

3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(LEFT LTO) FRAME CROSS SECTION @ LINE "F"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN

A BlueScope Steel Company

VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	11 OF 80

Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Detail	Connection Clip
CBX114	10001	5"	.2500	.1345	11 1/2"	11 1/2"	3'-8 5/8"		
CX116	1	6"	.6250	.2500	1'-0"	1'-6"	20'-2 1/8"		
RBX118	2	6"	.5000	.1875	1'-6"	1'-6"	43'-4 7/8"		
	3	6"	.3750	.1875	1'-6"	1'-6"			
	4	6"	.2500	.1345	1'-6"	9"			
RBX119	5	5"	.1875	.1345	9"	9"	16'-11 15/16"		
	6	5"	.1875	.1345	9"	9"			
	7	5"	.1875	.1345	9"	9"			
	8	5"	.1875	.1345	9"	9"			
RBX120	9	5"	.3125	.1345	9"	1'-6"	26'-5 11/16"		
	10	5"	.3125	.1345	1'-6"	1'-6"			
	11	5"	.3125	.1345	1'-6"	1'-6"			
RBX121	12	6"	.2500	.1875	1'-6"	1'-6"	24'-1 7/8"		
	13	6"	.5000	.1875	1'-6"	1'-6"			
CX118	14	8"	.6250	.1875	1'-0"	1'-6"	14'-3 5/8"		
EPX102	15	10"	.3750	.1644	1'-0"	1'-0"	24'-5 11/16"	BR25BD	JCP053067
BRSX104	16	5"	.2500	.1345	8 1/2"	8 1/2"	4'-6 15/16"		
EPX103	17	9"	.5000	.1644	1'-0"	1'-0"	29'-8 7/8"	BR25BD	JCP053067
BRSX105	18	5"	.1875	.1345	7"	7"	3'-9 13/16"		
EPX104	19	9"	.3750	.1644	1'-0"	1'-0"	27'-4 3/8"	BR25A1	
EPX105	20	10"	.3750	.1644	1'-0"	1'-0"	23'-7 1/8"	BR25BD	JCP053067
BRSX107	21	5"	.1875	.1345	7"	7"	4'-6 15/16"		
EPX106	22	6"	.2500	.1345	1'-0"	1'-0"	16'-7 13/16"	BR25BD	JCP053067
BRSX106	23	5"	.1875	.1345	7"	7"	4'-6 13/16"		
CX100	24	6"	.2500	.1345	1'-0"	1'-0"	14'-10 5/16"		
RBX101	25	5"	.2500	.1345	9"	1'-0"	20'-9 9/16"		
	26	5"	.2500	.1345	1'-0"	11 9/16"			
CBX104	10002	5"	.1875	.1345	11 1/2"	11 1/2"	4'-8"		

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	"CANOPY END PLATE TO COLUMN CLIP"
B	4	A325	3/4"	2 1/4"	5/8"	1	1	NA	NA
C	6	A325	3/4"	2"	3/8"	1	2	NA	NA
D	4	A325	3/4"	2"	3/8"	1	1	NA	NA
E	6	A325	3/4"	2 1/4"	5/8"	2	1	NA	NA
F	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	NA
G	4	A325	1/2"	1 3/4"	3/8"	2	-	NA	NA
H	4	A325	3/4"	2"	3/8"	1	1	NA	NA
I	8	A325	1/2"	1 1/2"	NA	2	2	NA	"CANOPY FLANGE TO COLUMN & RAFTER FLANGES"
J	8	A325	1/2"	1 1/2"	NA	2	2	NA	"BRSX FLANGE TO COLUMN INSIDE FLANGE"
	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	"JCP TO BRSX & COLUMN CLIPS"
K	2	A325	1/2"	1 1/2"	NA	1	1	NA	"ATTACH 1MB TO CLIP ON BRSX & TO WEB OF PURLIN TYPICAL TO A FLANGE BRACE CONNECTION"

Frame Clearances

Horiz. Clearance between members 1(CX116) and 14(CX118): 106'-11 3/4"

Vert. Clearance at member 1(CX116): 18'-10 1/8"

Vert. Clearance at member 14(CX118): 12'-11 5/8"

Vert. Clearance at member 15(EPX102): 24'-5 7/16"

Vert. Clearance at member 17(EPX103): 29'-8 3/4"

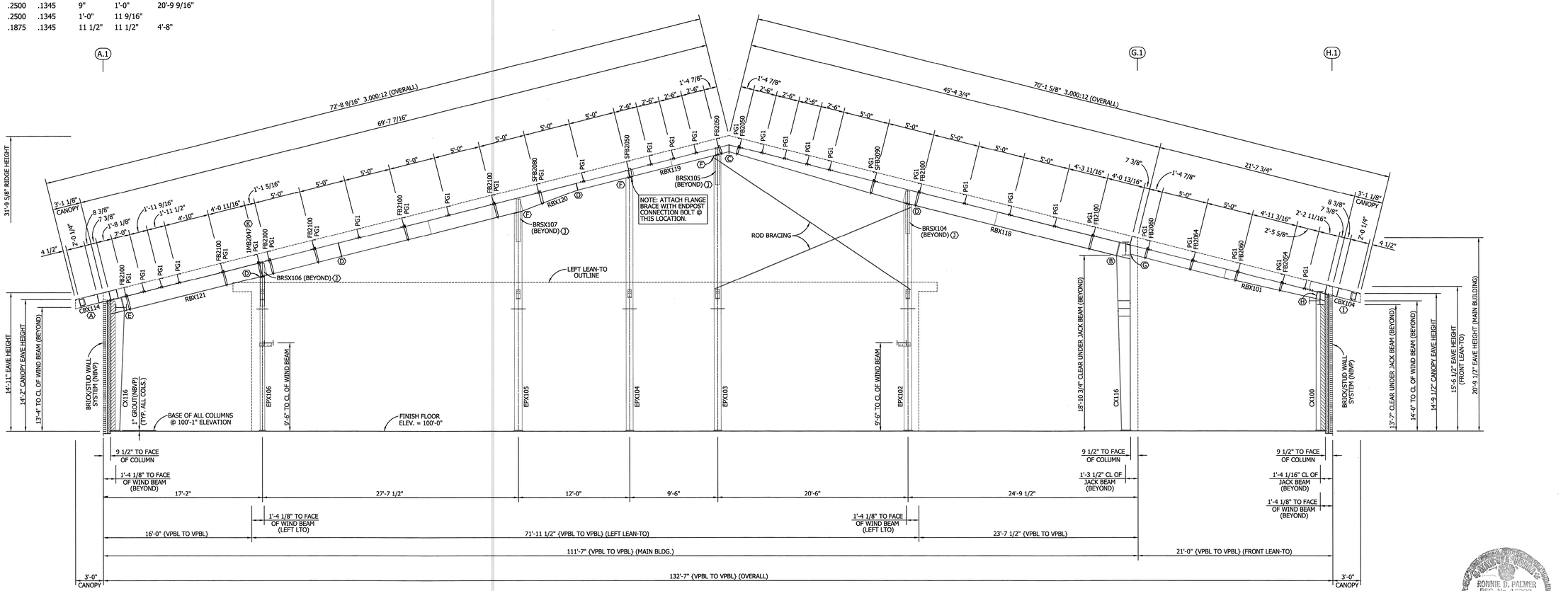
Vert. Clearance at member 19(EPX104): 27'-4 1/4"

Vert. Clearance at member 20(EPX105): 23'-6 7/8"

Vert. Clearance at member 22(EPX106): 16'-8 1/16"

Vert. Clearance at member 24(CX100): 14'-2 13/16"

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



FRAME CROSS SECTION AT FRAME LINE "2"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER REG. No. 16328 REGISTERED PROFESSIONAL ENGINEER STATE OF MISSISSIPPI 11/5/09

FOR CONSTRUCTION

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.

Shape Name = Front LT Wall 4, Frame 1 , Shape Name = Main Building Wall 6, Frame 1

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRONT LTO, MAIN BLDG } FRAME CROSS SECTION @ LINE "2"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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PAGE	12 OF 80

Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
RBX100	1	8"	.3750	.1875	1'-5"	1'-5"	24'-6 7/8"
	2	8"	.3750	.1875	1'-5"	1'-5"	
CX142	3	6"	.2500	.1875	9"	9"	3'-4"

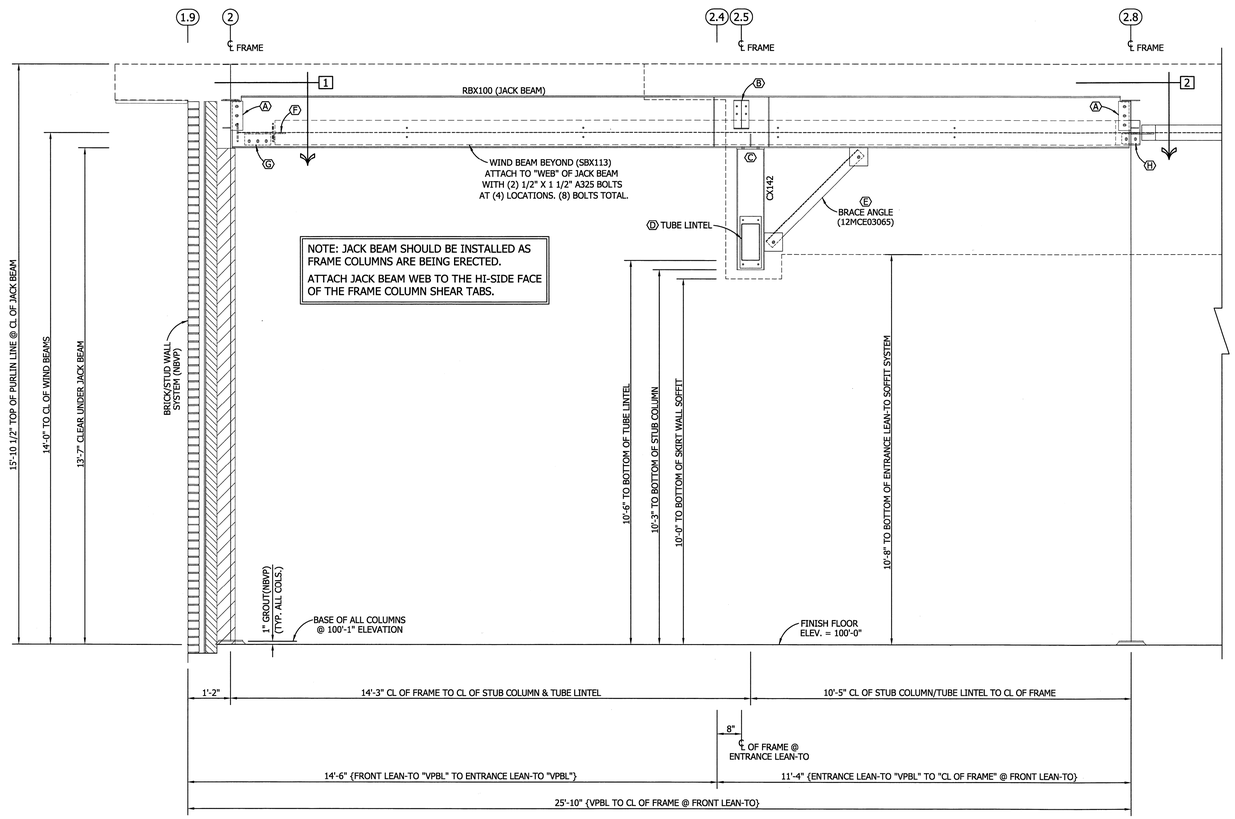
Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	3	A325	3/4"	2"	3/8"	2	1	YES	"WASHERS ARE REQUIRED ON THE (SHEAR TAB SIDE) OF THE CONNECTION"
B	4	A325	1/2"	1 1/2"	3/8"	2	0	NA	NA
C	4	A325	3/4"	2"	1/2"	1	1	NA	NA
D	4	A325	1/2"	1 1/2"	3/8"	2	2	NA	NA
E	2	A325	3/4"	2"	3/8"	1	1	YES	ATTACH "12MCE" TO "HI-SIDE" OF CLIPS ON JACK BEAM AND STUB COLUMN WITH (1) BOLT AND (1) WASHER ON THE ANGLE SIDE @ EACH END.
F	2	A325	3/4"	2"	5/16"	-	-	YES	ATTACH "12XP06003061" TO FLANGE OF ENDWALL WIND BEAM WITH WASHERS ON "CLIP" SIDE.
	2	A325	3/4"	1 1/2"	5/16"	-	-	YES	ATTACH "12XP06003061" TO BOTTOM OF WEB ON WIND BEAM (SBX113) WITH WASHERS ON "CLIP" SIDE.
G	3	A325	3/4"	2"	3/8"	-	-	YES	ATTACH "ABX100" TO WEB OF JACK BEAM WITH WASHERS ON "CLIP" SIDE.
	3	A325	3/4"	2"	3/8"	-	-	YES	ATTACH "ABX100" TO BOTTOM OF WEB ON ENDWALL WIND BEAM WITH WASHERS ON "CLIP" SIDE.
H	2	A325	3/4"	2"	5/16"	-	-	YES	ATTACH "13XP06003101" TO INSIDE FLANGE OF COLUMN WITH WASHERS ON "CLIP" SIDE.
	4	A325	3/4"	1 1/2"	5/16"	-	-	YES	ATTACH "13XP06003101" TO BOTTOM OF WEB ON WIND BEAM (SBX113) WITH WASHERS ON "CLIP" SIDE.

Frame Clearances

Vert. Clearance at member 1(RBX100): 13'-7"

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



JACK BEAM / STUB COLUMN ALONG LINE "H"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE B. PALMER REG. No. 16323 PROFESSIONAL ENGINEER STATE OF TENNESSEE 11/5/09

FOR CONSTRUCTION

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.

Shape Name = Front LT Wall 1, Frame 1

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

JACK BEAM ALONG LINE "H" (@ FRONT-LEAN-TO)

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
RBX117	1	9"	.3750	.1875	1'-5"	1'-5"	29'-10 3/4"
	2	9"	.3750	.1875	1'-5"	1'-5"	
CX140	3	1'-0"	.3750	.1875	2'-4"	2'-4"	19'-8 7/8"
RBX147	4	1'-1"	.3750	.1875	2'-10"	2'-10"	24'-0"
	5	1'-1"	.3750	.1875	2'-10"	2'-10"	
CX141	6	1'-0"	.3750	.1875	2'-4"	2'-4"	19'-8 7/8"

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	3	A325	3/4"	2"	3/8"	2	1	YES	"WASHERS ARE REQUIRED ON THE (SHEAR TAB SIDE) OF THE CONNECTION"
B	3	A325	3/4"	1 1/2"	3/8"	2	1	NA	ATTACH RAFTER TO "FRAME LINE 2" SIDE OF SHEAR TAB
C	4	A325	3/4"	1 1/2"	3/8"	1	1	NA	NA
D	24	A325	3/4"	2"	1/2"	4	4	NA	NA
E	2	A325	3/4"	1 1/2"	3/8"	-	1	NA	LOWER SET "ERECTION BOLTS"
	4	A325	3/4"	2 1/4"	3/8"	1	1	NA	UPPER "2" SETS OF CONNECTION BOLTS
F	2	A325	1/2"	1 1/2"	NA	-	-	NA	

Frame Clearances

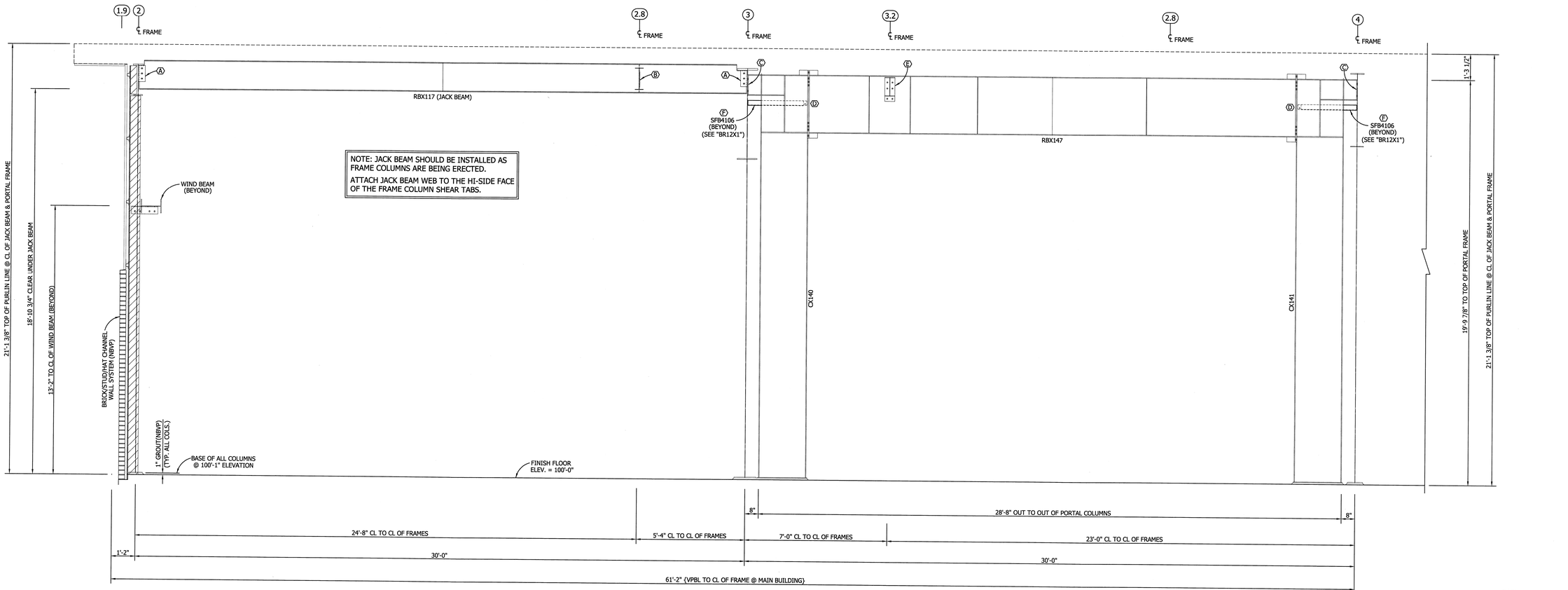
Vert. Clearance at member 1(RBX117): 18'-10 3/4"

Horiz. Clearance between members 3(CX140) and 6(CX141): 24'-0"

Vert. Clearance at member 3(CX140): 16'-11 7/8"

Vert. Clearance at member 6(CX141): 16'-11 7/8"

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



NOTE: JACK BEAM SHOULD BE INSTALLED AS FRAME COLUMNS ARE BEING ERECTED.

ATTACH JACK BEAM WEB TO THE HI-SIDE FACE OF THE FRAME COLUMN SHEAR TABS.

JACK BEAM / PORTAL FRAME ALONG LINE "G"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

STATE OF TENNESSEE
RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
11/5/09

FOR CONSTRUCTION

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.

Shape Name = Main Building Wall 1, Frame 6 , Shape Name = Main Building Wall 6, Frame 2

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

JACK BEAM & PORTAL FRAME ALONG LINE "G"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	14 OF 80

Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX108	10001	5"	.1875	.1345	11 1/2"	11 1/2"	4'-4 7/16"
CX112	1	5"	.2500	.1875	1'-0"	1'-0"	12'-2 15/16"
RBX112	2	5"	.1875	.1345	9"	9"	10'-5 13/16"
	3	5"	.1875	.1345	9"	9"	

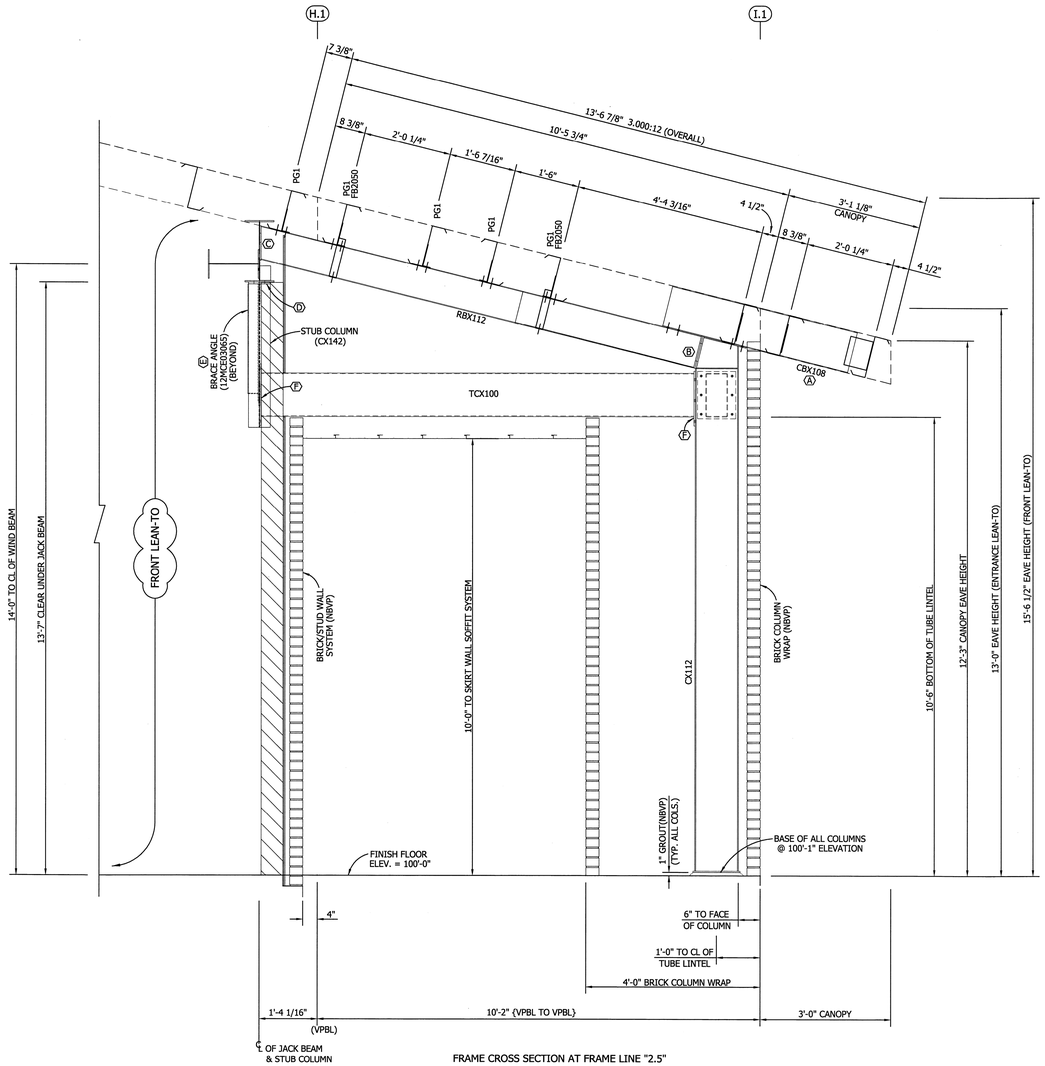
Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO RAFTER FLANGE"
B	4	A325	3/4"	2"	3/8"	1	1	NA	NA
C	4	A325	1/2"	1 1/2"	3/8"	2	-	NA	NA
D	4	A325	3/4"	2"	1/2"	1	1	NA	"CX142 TO JACK BEAM FLANGE"
E	2	A325	3/4"	2"	3/8"	1	1	YES	ATTACH "12MCE" TO THE "HI-SIDE" OF CLIPS ON JACK BEAM AND STUB COLUMN WITH (1) BOLT AND (1) WASHER ON ANGLE SIDE @ EACH END.
F	4	A325	1/2"	1 1/2"	3/8"	2	2	NA	NA

Frame Clearances

Vert. Clearance at member 1(CX112): 11'-7 7/16"

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



FRAME CROSS SECTION AT FRAME LINE "2.5"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER
REG. No. 16329
PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
11/3/09

FOR CONSTRUCTION

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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Shape Name = Entrance LT Wall 4, Frame 1

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(ENTRY LTO) FRAME CROSS SECTION @ LINE "2.5"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CX101	1	6"	.2500	.1345	1'-0"	1'-0"	14'-10 5/16"
RBX102	2	5"	.1875	.1345	9"	1'-1"	21'-3 1/4"
	3	5"	.1875	.1345	1'-1"	1'-0 3/16"	

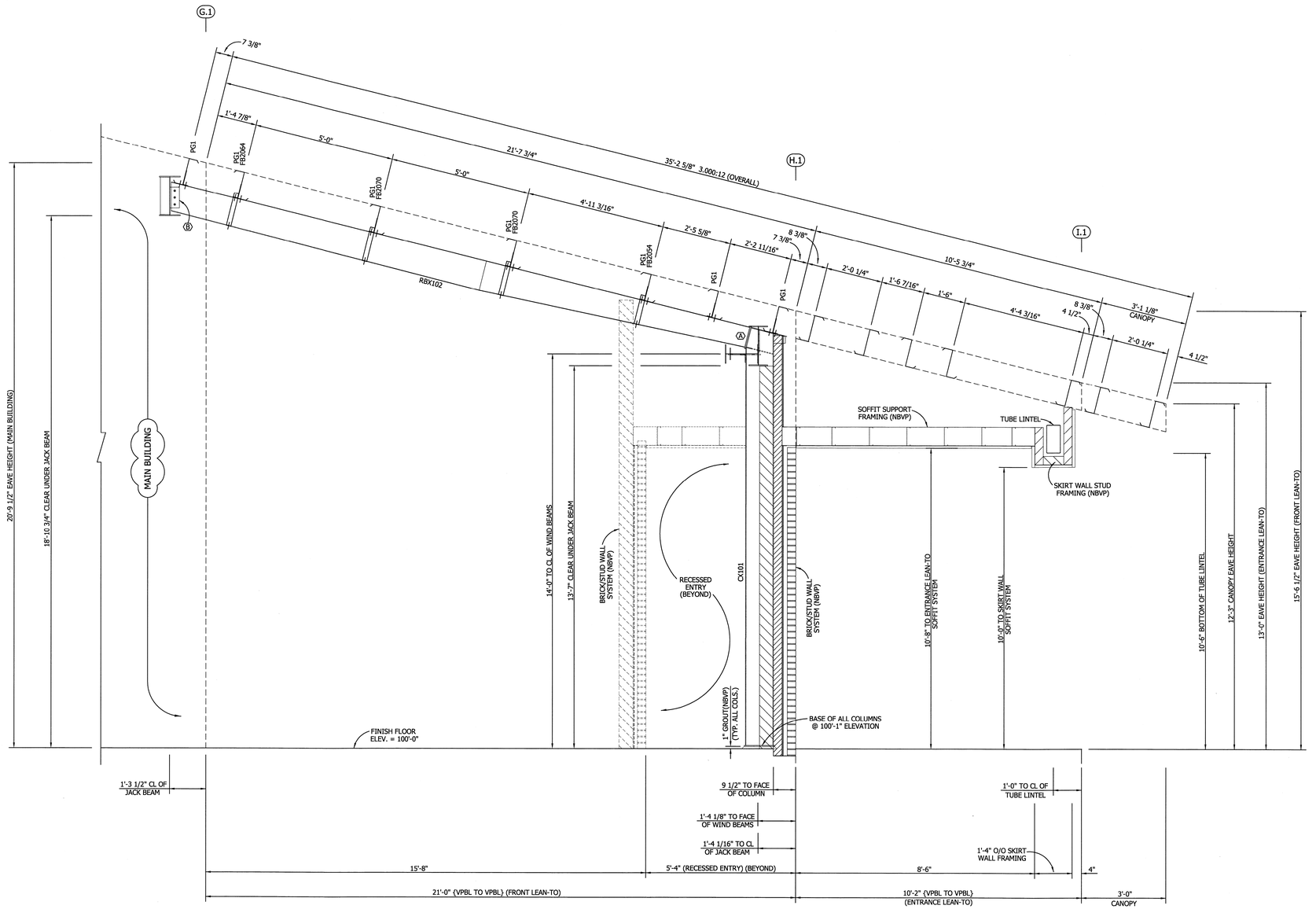
Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	3/4"	2"	3/8"	1	1	NA	NA
B	3	A325	3/4"	1 1/2"	3/8"	2	1	NA	ATTACH RAFTER TO "FRAME LINE 2" SIDE OF SHEAR TAB

Frame Clearances

Vert. Clearance at member 1(CX101): 14'-2 13/16"

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



FRAME CROSS SECTION AT FRAME LINE "2.8"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER REG. No. 15328 REGISTERED PROFESSIONAL ENGINEER STATE OF TENNESSEE

FOR CONSTRUCTION

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.

Shape Name = Front LT Wall 4, Frame 2

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VP Buildings

3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(FRONT LTO) FRAME CROSS SECTION @ LINE "2.8"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN

A BlueScope Steel Company

VPC VERSION: 7.1f

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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX115	10001	5"	.2500	.1345	11 1/2"	11 1/2"	3'-8 5/8"
CX119	1	1'-0"	1.000	.1875	1'-0"	2'-5"	20'-2 7/8"
	2	1'-0"	1.000	.2500	2'-5"	2'-6"	
RBX122	3	8"	.5000	.2500	4'-4"	3'-0"	43'-0 15/16"
	4	8"	.5000	.1875	3'-0"	3'-0"	
	5	8"	.3750	.1875	3'-0"	3'-0"	
RBX123	6	8"	.3750	.1875	3'-0"	2'-7"	2'-5 5/16"
CX120	7	10"	.5000	.1875	1'-0"	2'-6"	29'-8"
	8	10"	.5000	.1875	1'-0"	1'-0"	
RBX124	9	8"	.3750	.1875	2'-1"	3'-6"	32'-7 1/4"
	10	8"	.5000	.2500	3'-6"	4'-4"	
RBX125	11	8"	.5000	.2500	4'-4"	3'-6"	31'-1 5/8"
	12	8"	.3750	.1875	3'-6"	1'-6"	
CX121	13	8"	.3750	.3125	1'-0"	1'-0"	14'-3 5/16"

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	"CANOPY END PLATE TO COLUMN CLIP"
B	12	A325	1"	3 1/2"	1"	3	3	NA	NA
C	12	A325	3/4"	2"	3/8"	3	3	NA	NA
D	12	A325	3/4"	2 1/4"	5/8"	2	4	NA	NA
E	10	A325	3/4"	2 1/4"	5/8"	2	3	NA	NA
F	12	A325	3/4"	2"	1/2"	4	2	NA	NA
G	8	A325	3/4"	2"	1/2"	2	2	NA	NA

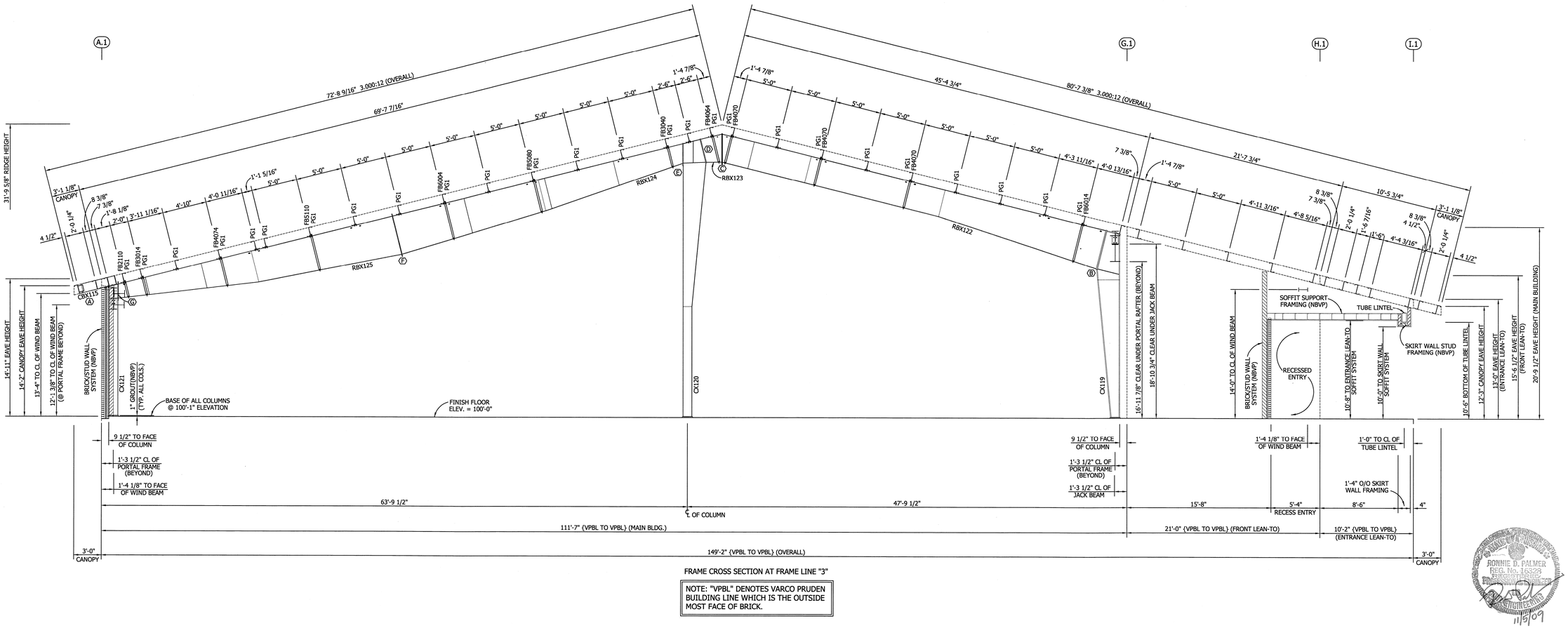
Frame Clearances

Vert. Clearance at member 1(CX119): 16'-2 1/4"

Vert. Clearance at member 7(CX120): 27'-8 9/16"

Vert. Clearance at member 13(CX121): 12'-10"

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



FRAME CROSS SECTION AT FRAME LINE "3"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER REG. No. 16328 PROFESSIONAL ENGINEER STATE OF TENNESSEE 11/9/09

FOR CONSTRUCTION

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.

Shape Name = Main Building Wall 6, Frame 2

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

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(MAIN BLDG) FRAME CROSS SECTION @ LINE "3"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CX138	1	8"	.3750	.1644	1'-11"	1'-11"	13'-10 3/8"
RBX146	2	9"	.3750	.1644	2'-4"	2'-4"	24'-10"
	3	9"	.3750	.1644	2'-4"	2'-4"	
CX139	4	8"	.3750	.1644	1'-11"	1'-11"	13'-10 3/8"

⎔ Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	2	A325	1"	2 3/4"	3/8"	1	1	YES	WASHERS ARE REQUIRED ON "BOTH" SIDES OF CONNECTION
B	4	A325	3/4"	2"	3/8"	1	1	NA	NA
C	16	A325	3/4"	2"	1/2"	4	4	NA	NA

NOTE: CONNECTION Ⓐ IS A "SLIP CRITICAL" CONNECTION.
BOLTS MUST BE FULLY PRE-TENSIONED & FAYING SURFACES MUST BE PAINT FREE.
IF PAINT IS FOUND ON FAYING SURFACES, IT MUST BE REMOVED WITH LIGHT GRINDING.

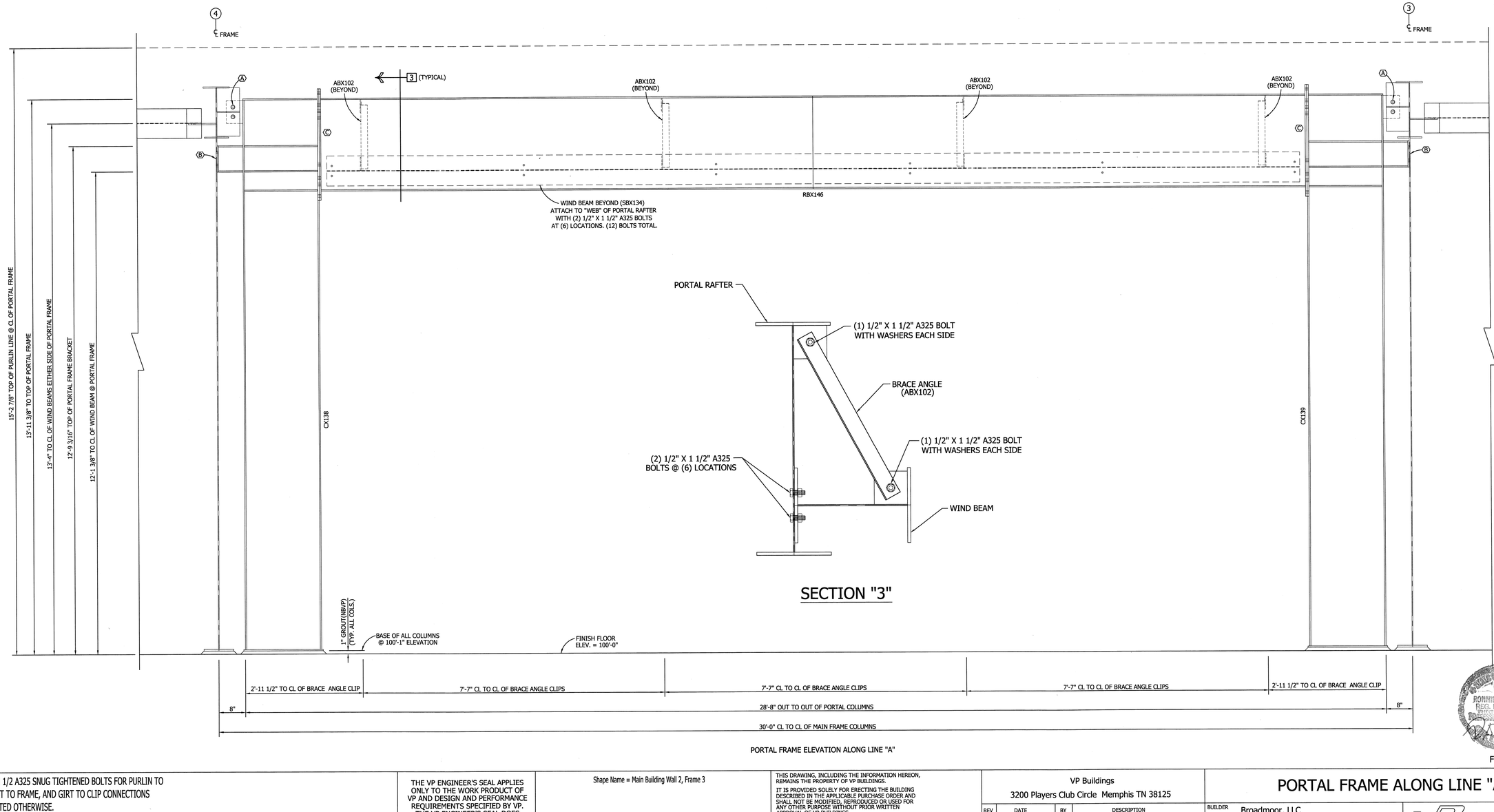
Frame Clearances

Horiz. Clearance between members 1(CX138) and 4(CX139): 24'-10"

Vert. Clearance at member 1(CX138): 11'-7 3/8"

Vert. Clearance at member 4(CX139): 11'-7 3/8"

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



SECTION "3"

PORTAL FRAME ELEVATION ALONG LINE "A"

RONNIE D. PALMER
REG. No. 16328
PROFESSIONAL ENGINEER
11/2/09

FOR CONSTRUCTION

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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Shape Name = Main Building Wall 2, Frame 3

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

PORTAL FRAME ALONG LINE "A"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX109	10001	5"	.1875	.1345	11 1/2"	11 1/2"	4'-8 9/16"
CX113	1	5"	.2500	.1875	1'-0"	1'-0"	12'-3 15/16"
RBX113	2	5"	.1875	.1345	9"	9"	9'-7 1/16"
	3	5"	.1875	.1345	9"	9"	
CX102	4	6"	.2500	.1345	1'-0"	1'-0"	14'-10 5/16"
RBX103	5	5"	.1875	.1345	9"	11"	19'-9 11/16"
	6	5"	.1875	.1345	11"	10 11/16"	
RBX148	7	6	.2500	.1875	1'-1"	1'-1"	8'-2 5/16"

Bolt Connection & Plate Schedule

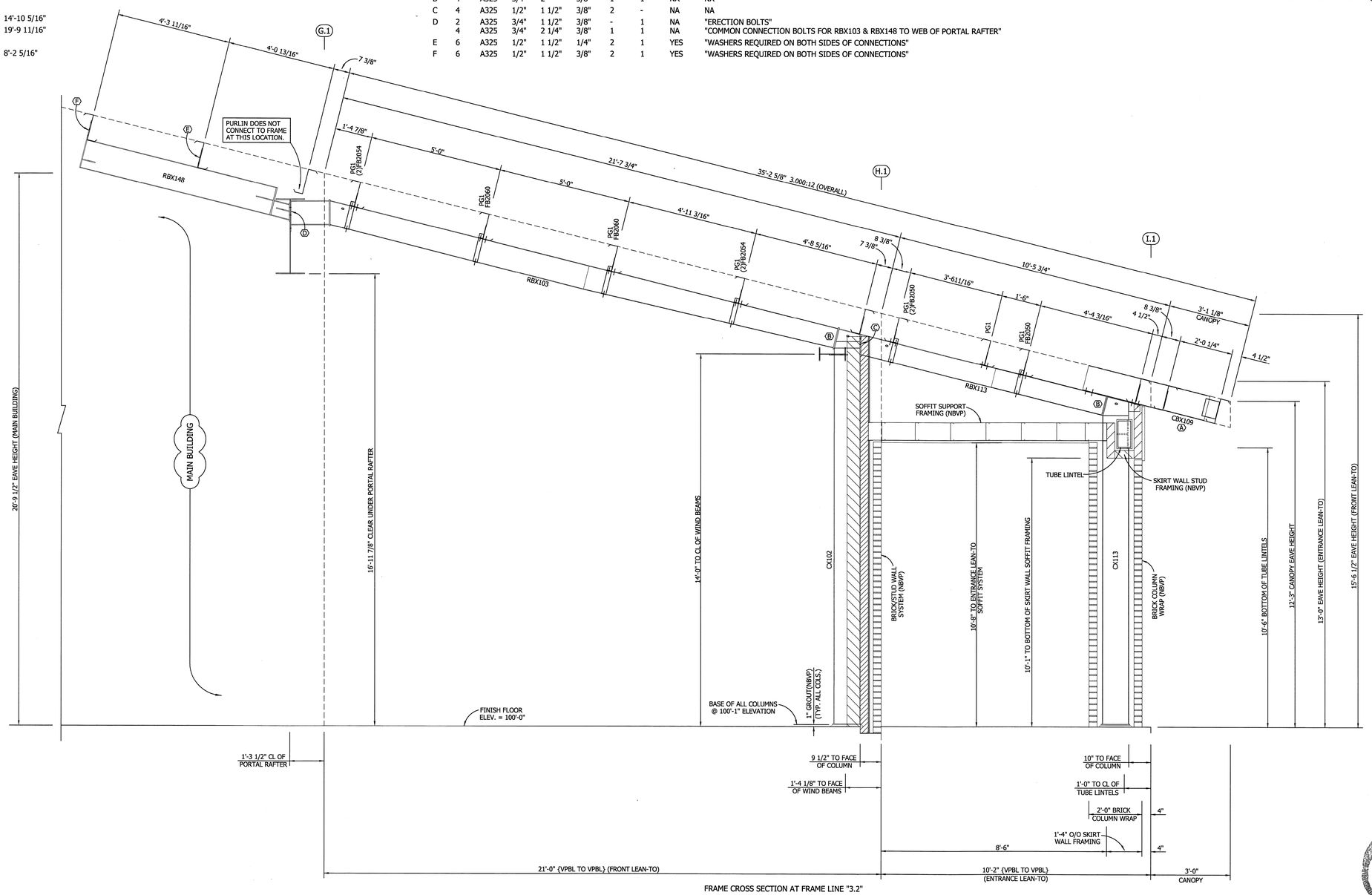
Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO RAFTER FLANGE"
B	4	A325	3/4"	2"	3/8"	1	1	NA	NA
C	4	A325	1/2"	1 1/2"	3/8"	2	-	NA	NA
D	2	A325	3/4"	1 1/2"	3/8"	-	1	NA	"ERECTION BOLTS"
	4	A325	3/4"	2 1/4"	3/8"	1	1	NA	"COMMON CONNECTION BOLTS FOR RBX103 & RBX148 TO WEB OF PORTAL RAFTER"
E	6	A325	1/2"	1 1/2"	1/4"	2	1	YES	"WASHERS REQUIRED ON BOTH SIDES OF CONNECTIONS"
F	6	A325	1/2"	1 1/2"	3/8"	2	1	YES	"WASHERS REQUIRED ON BOTH SIDES OF CONNECTIONS"

Frame Clearances

Vert. Clearance at member 1(CX113): 11'-8 7/16"

Vert. Clearance at member 1(CX102): 14'-2 13/16"

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



FRAME CROSS SECTION AT FRAME LINE "3.2"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER REG. No. 16529 REGISTERED PROFESSIONAL ENGINEER STATE OF LOUISIANA

FOR CONSTRUCTION

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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Shape Name = Entrance LT Wall 4, Frame 2 , Shape Name = Front LT Wall 4, Frame 3

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

ENTRY LTO, FRONT LTO } FRAME CROSS SECTION @ LINE "3.2"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX116	10001	5"	.2500	.1345	11 1/2"	11 1/2"	3'-8 5/8"
CX122	1	8"	.5000	.1875	1'-0"	2'-6"	20'-3 3/4"
RBX126	2	6"	.3125	.1875	3'-6"	2'-8"	42'-10 1/2"
	3	6"	.2500	.1644	2'-8"	2'-8"	
	4	6"	.2500	.1644	2'-8"	2'-8"	
RBX127	5	6"	.3750	.1644	2'-8"	2'-3"	2'-4 5/16"
CX123	6	10"	.3750	.1875	1'-0"	2'-6"	29'-8"
	7	10"	.3750	.1875	1'-0"	1'-0"	
RBX128	8	6"	.5000	.1875	2'-3"	3'-6"	32'-7 1/16"
	9	6"	.5000	.1875	3'-6"	3'-6"	
RBX129	10	6"	.5000	.1875	3'-6"	3'-6"	30'-11 5/16"
	11	6"	.3125	.1875	3'-6"	1'-5"	
CX124	12	8"	.3750	.3125	1'-0"	1'-2"	14'-3 3/4"
CX103	13	6"	.2500	.1345	1'-0"	1'-0"	14'-10 5/16"
RBX104	14	5"	.2500	.1345	9"	1'-2"	20'-9 9/16"
	15	5"	.2500	.1345	1'-2"	1'-1 3/16"	
CX114	16	5"	.2500	.1875	1'-0"	1'-0"	12'-2 15/16"
RBX114	17	5"	.1875	.1345	9"	9"	9'-11 3/16"
	18	5"	.1875	.1345	9"	9"	
CBX108	10002	5"	.1875	.1345	11 1/2"	11 1/2"	4'-4 7/16"

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	"CANOPY END PLATE TO COLUMN CLIP"
B	8	A325	3/4"	2"	1/2"	2	2	NA	NA
C	10	A325	3/4"	2"	1/2"	2	3	NA	NA
D	14	A325	3/4"	2 1/4"	5/8"	3	4	NA	NA
E	12	A325	3/4"	2 1/4"	5/8"	3	3	NA	NA
F	12	A325	3/4"	2 1/4"	5/8"	4	2	NA	NA
G	8	A325	3/4"	2 1/4"	5/8"	2	2	NA	NA
H	4	A325	1/2"	1 3/4"	3/8"	2	-	NA	NA
I	4	A325	3/4"	2"	3/8"	1	1	NA	NA
J	4	A325	1/2"	1 1/2"	3/8"	2	-	NA	NA
K	4	A325	3/4"	2"	3/8"	1	1	NA	NA
L	8	A325	1/2"	1 1/2"	NA	2	2	NA	"CANOPY FLANGE TO COLUMN & RAFTER FLANGE"
M	4	A325	1/2"	1 1/2"	3/8"	2	2	NA	NA

Frame Clearances

Vert. Clearance at member 1(CX122): 17'-0 3/8"

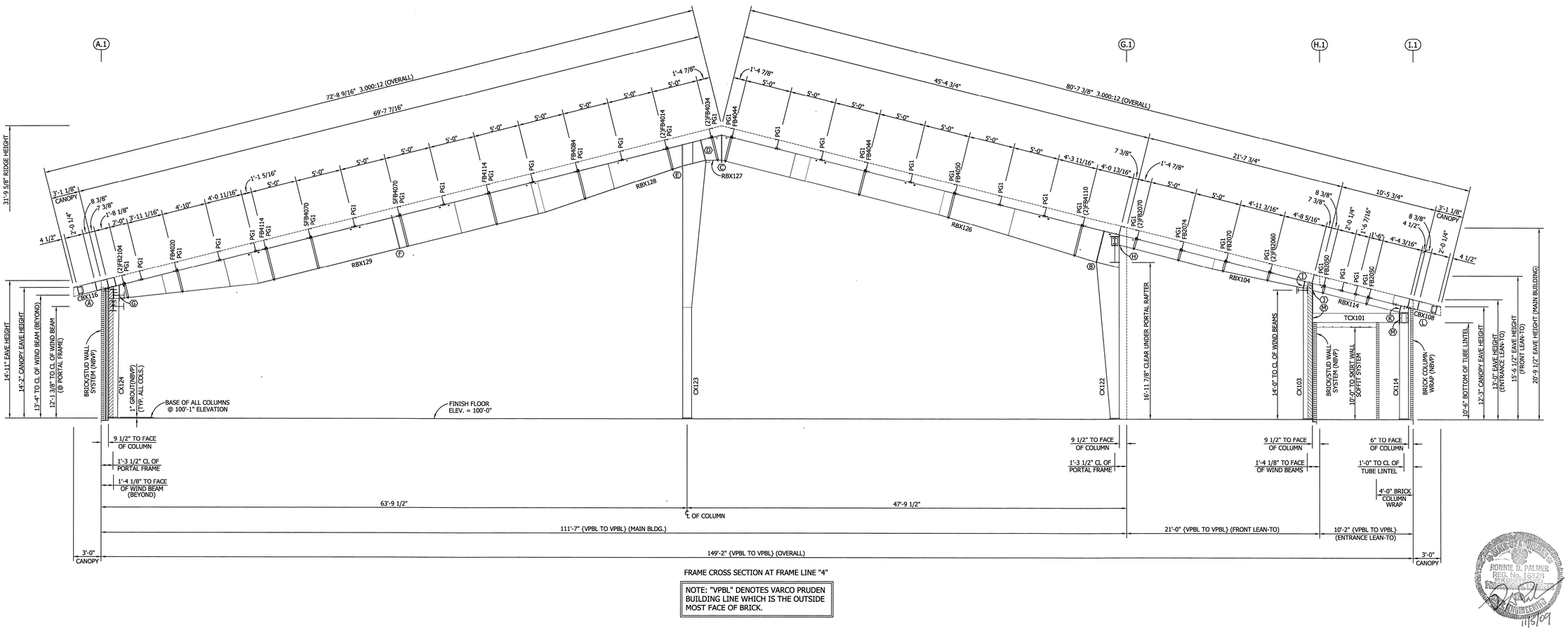
Vert. Clearance at member 6(CX123): 28'-0 11/16"

Vert. Clearance at member 12(CX124): 12'-11 9/16"

Vert. Clearance at member 13(CX103): 14'-2 13/16"

Vert. Clearance at member 16(CX114): 11'-7 1/4"

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



FRAME CROSS SECTION AT FRAME LINE "4"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

STATE OF TENNESSEE
RONNIE D. PALMER
REG. No. 16329
REGISTERED
PROFESSIONAL ENGINEER
11/5/09

FOR CONSTRUCTION

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.

Shape Name = Entrance LT Wall 4, Frame 3 , Shape Name = Front LT Wall 4, Frame 4 , Shape Name = Main Building Wall 6, Frame 3

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

ENTRY LTO, FRONT LTO, MAIN BLDG } FRAME CROSS SECTION @ LINE "4"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX117	10001	5"	.2500	.1345	11 1/2"	11 1/2"	3'-8 5/8"
CX125	1	8"	.3750	.1875	1'-0"	2'-6"	20'-3 13/16"
RBX130	2	6"	.3125	.1875	3'-6"	2'-8"	42'-10 1/2"
	3	6"	.2500	.1644	2'-8"	2'-8"	
	4	6"	.2500	.1644	2'-8"	2'-8"	
RBX131	5	6"	.3125	.1644	2'-8"	2'-3"	2'-4 5/16"
CX126	6	9"	.3750	.1875	1'-0"	2'-6"	29'-8"
	7	9"	.3750	.1875	1'-0"	1'-0"	
RBX132	8	6"	.5000	.1875	2'-1 1/8"	3'-4"	32'-7 1/16"
	9	6"	.5000	.1875	3'-4"	3'-4"	
RBX133	10	6"	.5000	.1875	3'-4"	3'-4"	30'-11 5/16"
	11	6"	.3125	.1875	3'-4"	1'-5"	
CX127	12	8"	.3750	.3125	1'-0"	1'-2"	14'-3 3/4"
CX104	13	6"	.2500	.1345	1'-0"	1'-0 1/8"	14'-10 5/16"
RBX105	14	6"	.2500	.1345	9"	1'-2"	20'-9 9/16"
	15	6"	.2500	.1345	1'-2"	1'-1 5/8"	
CBX100	10002	5"	.2500	.1644	11 1/2"	11 1/2"	4'-2"

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	"CANOPY END PLATE TO COLUMN CLIP"
B	12	A325	3/4"	2"	3/8"	2	4	NA	NA
C	8	A325	3/4"	2"	1/2"	2	2	NA	NA
D	12	A325	3/4"	2 1/4"	5/8"	2	4	NA	NA
E	10	A325	3/4"	2 1/4"	5/8"	2	3	NA	NA
F	12	A325	3/4"	2 1/4"	5/8"	4	2	NA	NA
G	8	A325	3/4"	2 1/4"	5/8"	2	2	NA	NA
H	4	A325	1/2"	1 1/2"	3/8"	2	-	NA	NA
I	6	A325	3/4"	2"	3/8"	1	2	NA	NA
J	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	"CANOPY END PLATE TO RAFTER CLIP"

Frame Clearances

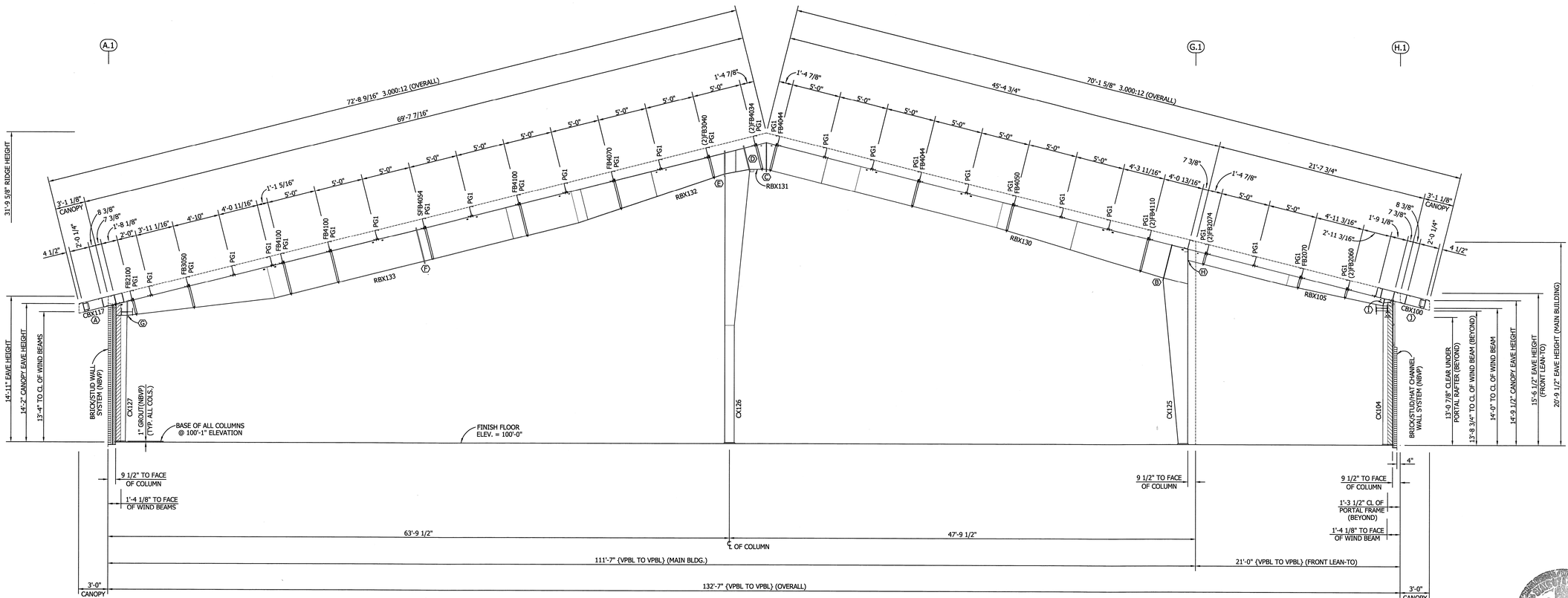
Vert. Clearance at member 1(CX125): 17'-0 5/16"

Vert. Clearance at member 6(CX126): 28'-0 11/16"

Vert. Clearance at member 12(CX127): 12'-11 9/16"

Vert. Clearance at member 13(CX104): 14'-2 13/16"

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



FRAME CROSS SECTION AT FRAME LINE "5"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER REG. No. 16328 PROFESSIONAL ENGINEER STATE OF LOUISIANA 11/5/09

FOR CONSTRUCTION

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.

Shape Name = Front LT Wall 4, Frame 5 , Shape Name = Main Building Wall 6, Frame 4

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

3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRONT LT, MAIN BLDG } FRAME CROSS SECTION @ LINE "5"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN

A BlueScope Steel Company

VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CX136	1	6"	.2500	.1345	1'-6"	1'-6"	14'-5 7/8"
RBX145	2	8"	.2500	.1345	1'-6"	1'-6"	25'-8"
	3	8"	.2500	.1345	1'-6"	1'-6"	
CX137	4	6"	.2500	.1345	1'-6"	1'-6"	14'-5 7/8"

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	3/4"	1 1/2"	3/8"	1	1	NA	NA
B	12	A325	3/4"	2"	3/8"	3	3	NA	NA

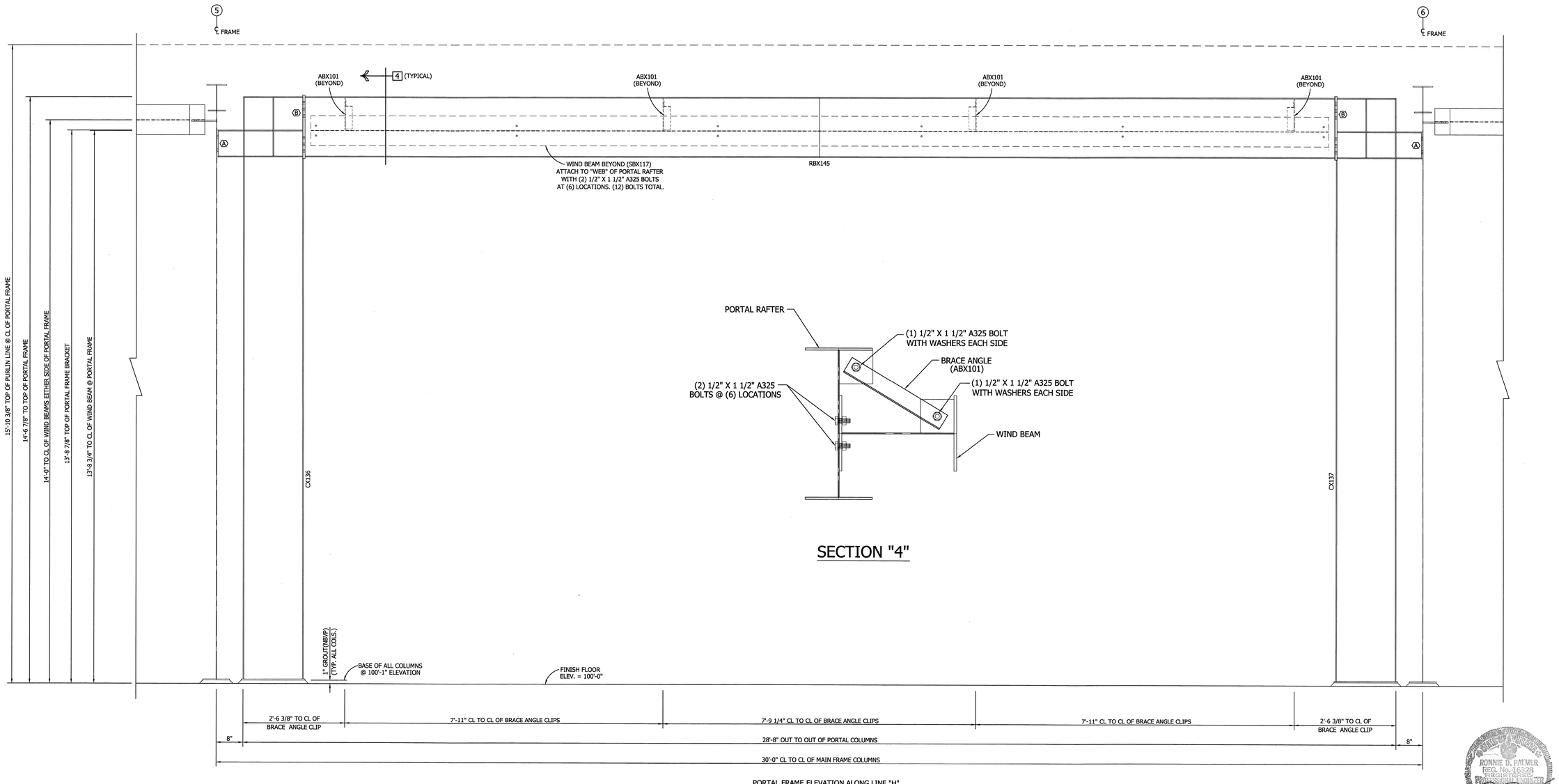
Frame Clearances

Horiz. Clearance between members 1(CX136) and 4(CX137): 25'-8"

Vert. Clearance at member 1(CX136): 13'-0 7/8"

Vert. Clearance at member 4(CX137): 13'-0 7/8"

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



SECTION "4"

PORTAL FRAME ELEVATION ALONG LINE "H"

RONNIE D. PALMER REG. No. 16228 REGISTERED PROFESSIONAL ENGINEER STATE OF LOUISIANA 11/5/09

FOR CONSTRUCTION

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.

Shape Name = Front LT Wall 4, Frame 5

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.

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VP Buildings

3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

PORTAL FRAME ALONG LINE "H"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN

A BlueScope Steel Company

VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Detail
CBX114	10001	5"	.2500	.1345	11 1/2"	11 1/2"	3'-8 5/8"	
CX128	1	8"	.3750	.1644	1'-0"	2'-5 11/16"	20'-4 5/8"	
	2	8"	.3750	.1875	2'-5 11/16"	2'-6"		
RBX134	3	5"	.2500	.1345	2'-4"	2'-4"	42'-6 15/16"	
	4	5"	.2500	.1345	2'-4"	2'-4"		
	5	5"	.3750	.1644	2'-4"	2'-4"		
RBX135	6	6"	.3750	.1644	2'-4"	2'-4"	2'-4 9/16"	
CX129	7	9"	.3750	.1875	1'-0"	2'-6"	29'-8"	
	8	9"	.3750	.1875	1'-0"	1'-0"		
RBX136	9	6"	.5000	.1875	2'-3 1/2"	2'-10"	32'-7 1/4"	
	10	6"	.5000	.1875	2'-10"	3'-3"		
RBX137	11	6"	.5000	.1875	3'-3"	2'-10"	30'-9 1/4"	
	12	6"	.3750	.2500	2'-10"	1'-6"		
CX130	13	8"	.3750	.3125	1'-0"	1'-4"	14'-4 5/16"	
EPX107	14	7"	.1875	.1345	1'-0"	1'-0"	15'-0 1/16"	BR25A1(SIMILAR) *
CX105	15	6"	.2500	.1345	1'-0"	1'-0"	14'-10 5/16"	
RBX106	16	6"	.2500	.1345	9"	1'-3"	20'-9 9/16"	
	17	6"	.2500	.1345	1'-3"	1'-2 9/16"		
CBX101	10002	5"	.2500	.1644	11 1/2"	11 1/2"	4'-2"	

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	"CANOPY END PLATE TO COLUMN CLIP"
B	8	A325	3/4"	2"	1/2"	2	2	NA	NA
C	12	A325	3/4"	2"	1/2"	2	4	NA	NA
D	14	A325	3/4"	2 1/4"	5/8"	3	4	NA	NA
E	12	A325	3/4"	2 1/4"	5/8"	3	3	NA	NA
F	12	A325	3/4"	2 1/4"	5/8"	4	2	NA	NA
G	14	A325	3/4"	2"	1/2"	3	4	NA	NA
H	2	A325	3/4"	1 1/2"	3/8"	1	-	NA	NA
I	4	A325	1/2"	1 1/2"	3/8"	2	-	NA	NA
J	4	A325	3/4"	2"	3/8"	1	1	NA	NA
K	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	"CANOPY END PLATE TO RAFTER CLIP"

Frame Clearances

Vert. Clearance at member 2(CX128): 18'-2 11/16"

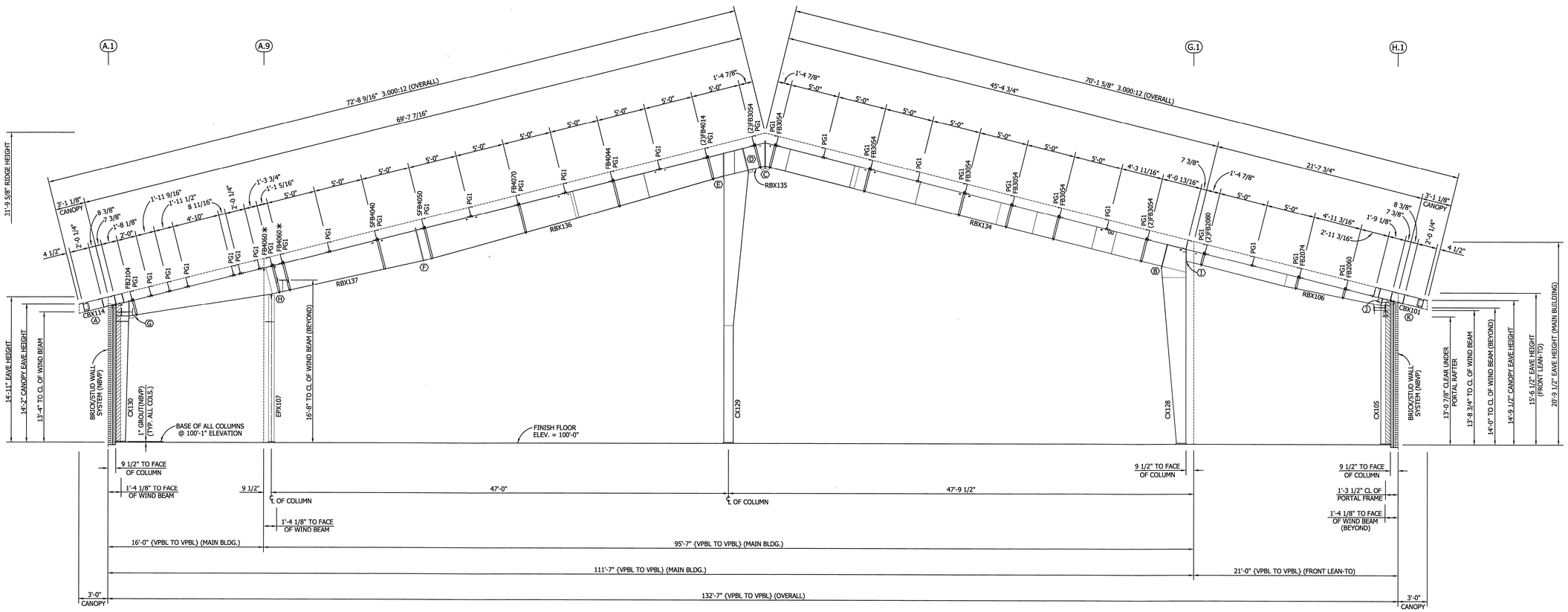
Vert. Clearance at member 7(CX129): 27'-11 13/16"

Vert. Clearance at member 13(CX130): 12'-11 1/16"

Vert. Clearance at member 14(EPX107): 15'-2 9/16"

Vert. Clearance at member 15(CX105): 14'-2 13/16"

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



FRAME CROSS SECTION AT FRAME LINE "6"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER REG. No. 16329 REGISTERED PROFESSIONAL ENGINEER 11/5/09

FOR CONSTRUCTION

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.

Shape Name = Front LT Wall 4, Frame 6 , Shape Name = Main Building Wall 6, Frame 5

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.

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VP Buildings

3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRONT LTO, MAIN BLDG } FRAME CROSS SECTION @ LINE "6"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN

A BlueScope Steel Company

VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX102	10001	5"	.1875	.1345	11 1/2"	11 1/2"	4'-8"
CX131	1	1'-0"	.5000	.1875	1'-0"	2'-6"	20'-3 3/4"
RBX138	2	6"	.5000	.1875	3'-6"	2'-10"	42'-10 1/2"
	3	6"	.2500	.1644	2'-10"	2'-10"	
	4	6"	.2500	.1644	2'-10"	2'-10"	
RBX139	5	6"	.2500	.1644	2'-10"	2'-5"	2'-4 13/16"
CX132	6	10"	.3750	.1875	1'-0"	2'-6"	29'-8"
	7	10"	.3750	.1875	1'-0"	1'-0"	
RBX140	8	8"	.3750	.1875	2'-1 3/8"	3'-6"	24'-3 3/16"
	9	8"	.5000	.1875	3'-6"	3'-6"	
RBX141	10	8"	.5000	.1875	3'-6"	3'-6"	22'-2 1/2"
	11	8"	.3750	.1875	3'-6"	1'-10"	
CX117	12	8"	.3750	.3125	1'-0"	1'-10"	18'-5 13/16"
CX106	13	5"	.1875	.1345	1'-0"	1'-0"	14'-10 5/16"
RBX107	14	5"	.2500	.1345	9"	11"	20'-9 9/16"
	15	5"	.2500	.1345	11"	9 7/16"	
CBX104	10002	5"	.1875	.1345	11 1/2"	11 1/2"	4'-8"

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	8	A325	1/2"	1 1/2"	NA	2	2	NA	"CANOPY FLANGE TO COLUMN FLANGE"
B	8	A325	3/4"	2"	1/2"	2	2	NA	NA
C	8	A325	3/4"	2"	3/8"	2	2	NA	NA
D	12	A325	3/4"	2"	1/2"	2	4	NA	NA
E	12	A325	3/4"	2"	1/2"	2	4	NA	NA
F	12	A325	3/4"	2"	3/8"	4	2	NA	NA
G	12	A325	3/4"	2"	3/8"	2	4	NA	NA
H	4	A325	1/2"	1 3/4"	3/8"	2	-	NA	NA
I	4	A325	3/4"	2"	3/8"	1	1	NA	NA
J	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	4	A325	1/2"	1 1/2"	NA	1	1	NA	"CANOPY FLANGE TO RAFTER FLANGE"

Frame Clearances

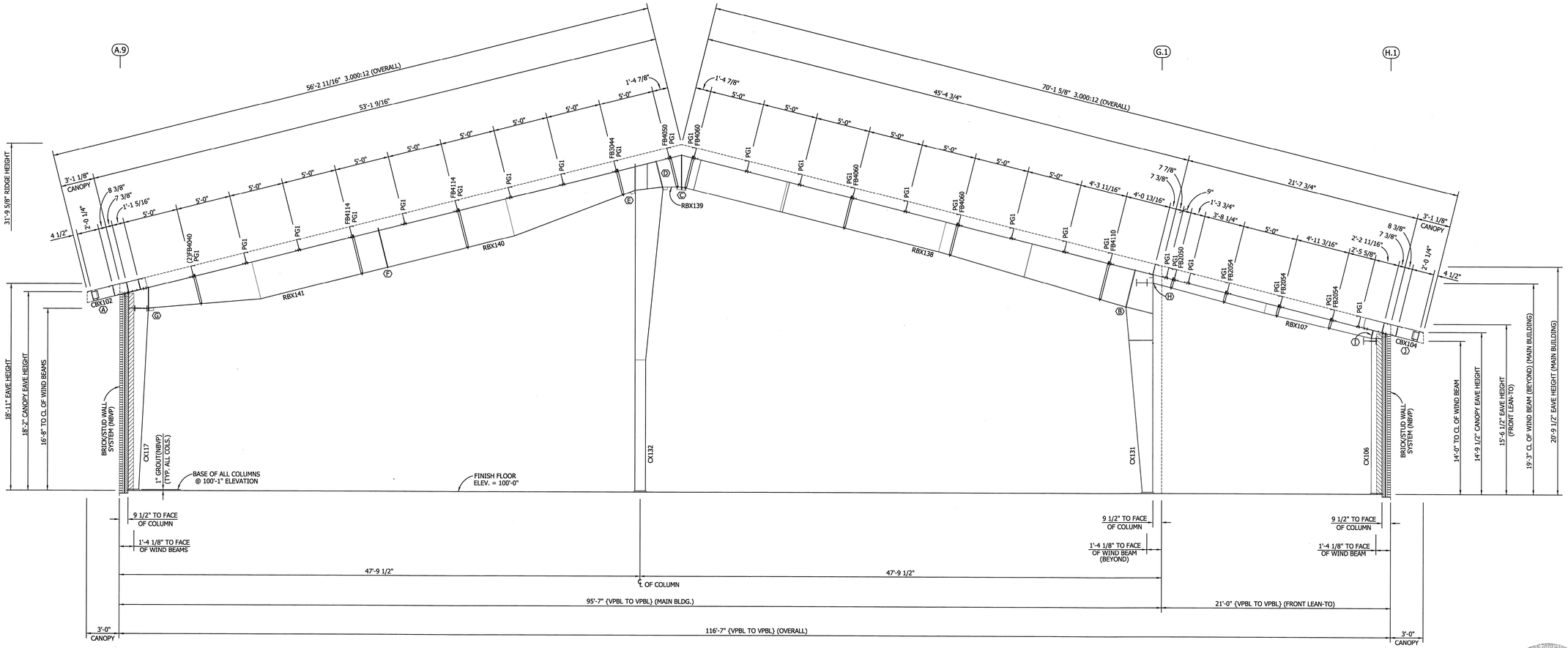
Vert. Clearance at member 1(CX131): 17'-0 3/8"

Vert. Clearance at member 6(CX132): 27'-10 5/8"

Vert. Clearance at member 12(CX117): 16'-8 3/8"

Vert. Clearance at member 13(CX106): 14'-2 13/16"

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



FRAME CROSS SECTION AT FRAME LINE "7"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

RONNIE D. PALMER REG. NO. 16328 REGISTERED PROFESSIONAL ENGINEER STATE OF LOUISIANA 11/5/09

FOR CONSTRUCTION

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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Shape Name = Front LT Wall 4, Frame 7 , Shape Name = Main Building Wall 6, Frame 6

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRONT LT/O, MAIN BLDG } FRAME CROSS SECTION @ LINE "7"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Detail	Connection Clip
CBX118	10001	5"	.1875	.1345	11 1/2"	11 1/2"	4'-10 7/16"		
CX133	1	8"	.5000	.1875	1'-0"	2'-6"	20'-3 3/4"		
RBX142	2	5"	.3750	.1875	3'-6"	3'-6"	42'-10 1/2"		
	3	5"	.2500	.1875	3'-6"	2'-8"			
	4	5"	.2500	.1644	2'-8"	2'-8"			
	5	5"	.2500	.1644	2'-8"	1'-4"			
RBX143	6	5"	.2500	.1644	1'-4"	2'-8"	20'-3 15/16"		
	7	5"	.2500	.1644	2'-8"	2'-8"			
RBX144	8	6"	.3750	.1875	2'-8"	3'-6"	30'-3 3/8"		
	9	6"	.5000	.1875	3'-6"	3'-6"			
CX135	10	8"	.5000	.1875	1'-0"	2'-6 1/8"	18'-5 1/4"		
EPX108	11	10"	.3750	.1644	1'-0"	1'-0"	20'-7 1/16"	BR25BD	JCP053067
BRSX108	12	5"	.2500	.1345	8 1/2"	8 1/2"	6'-7 5/8"		
EPX109	13	10"	.3750	.1644	1'-0"	1'-0"	24'-11 3/8"	BR25BD	JCP053067
BRSX102	14	5"	.2500	.1345	8 1/2"	8 1/2"	5'-9 7/16"		
ICX100	15	8"	.3750	.1644	1'-0"	1'-10"	25'-6 1/16"		
EPX110	16	10"	.5000	.1875	1'-0"	1'-0"	27'-9 1/16"	BR25BD	JCP053067
BRSX103	17	5"	.2500	.1345	8 1/2"	8 1/2"	5'-0 3/4"		
RBX149	18	6"	.2500	.1345	10"	10"	13'-2 7/16"		
RBX150	19	6"	.2500	.1345	10"	10"	6'-3 5/8"		
CBX103	10002	5"	.1875	.1345	11 1/2"	11 1/2"	4'-8"		

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	6	A325	1/2"	1 1/2"	NA	2	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	2	A325	1/2"	1 1/2"	NA	1	-	NA	"CANOPY FLANGE TO RAFTER FLANGE"
B	8	A325	3/4"	2"	1/2"	2	2	NA	NA
C	6	A325	3/4"	2"	3/8"	1	2	NA	NA
D	8	A325	3/4"	2"	3/8"	3	1	NA	NA
E	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	NA
F	4	A325	1/2"	1 3/4"	1/2"	1	1	NA	NA
G	2	A325	3/4"	1 1/2"	3/8"	1	-	NA	NA
H	4	A325	3/4"	1 1/2"	1/4"	1	1	NA	NA
I	4	A325	3/4"	2"	3/8"	1	1	NA	NA
J	4	A325	3/4"	1 1/2"	3/8"	1	1	NA	NA
K	8	A325	1/2"	1 1/2"	NA	2	2	NA	"CANOPY FLANGE TO COLUMN FLANGE"
L	8	A325	1/2"	1 1/2"	NA	2	2	NA	"BRSX FLANGE TO COLUMN INSIDE FLANGE"
	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	"JCP TO BRSX & COLUMN CLIPS"
M	9	A325	1/2"	1 1/2"	5/16"	-	-	NA	"17XP & 18XP PURLIN ATTACHMENT CLIPS" "SEE RT. GABLE ROOF SECONDARY"

Frame Clearances

Vert. Clearance at member 1(CX133): 17'-0 3/8"

Vert. Clearance at member 10(CX135): 15'-1 7/8"

Vert. Clearance at member 11(EPX108): 20'-6 13/16"

Vert. Clearance at member 13(EPX109): 24'-11 1/8"

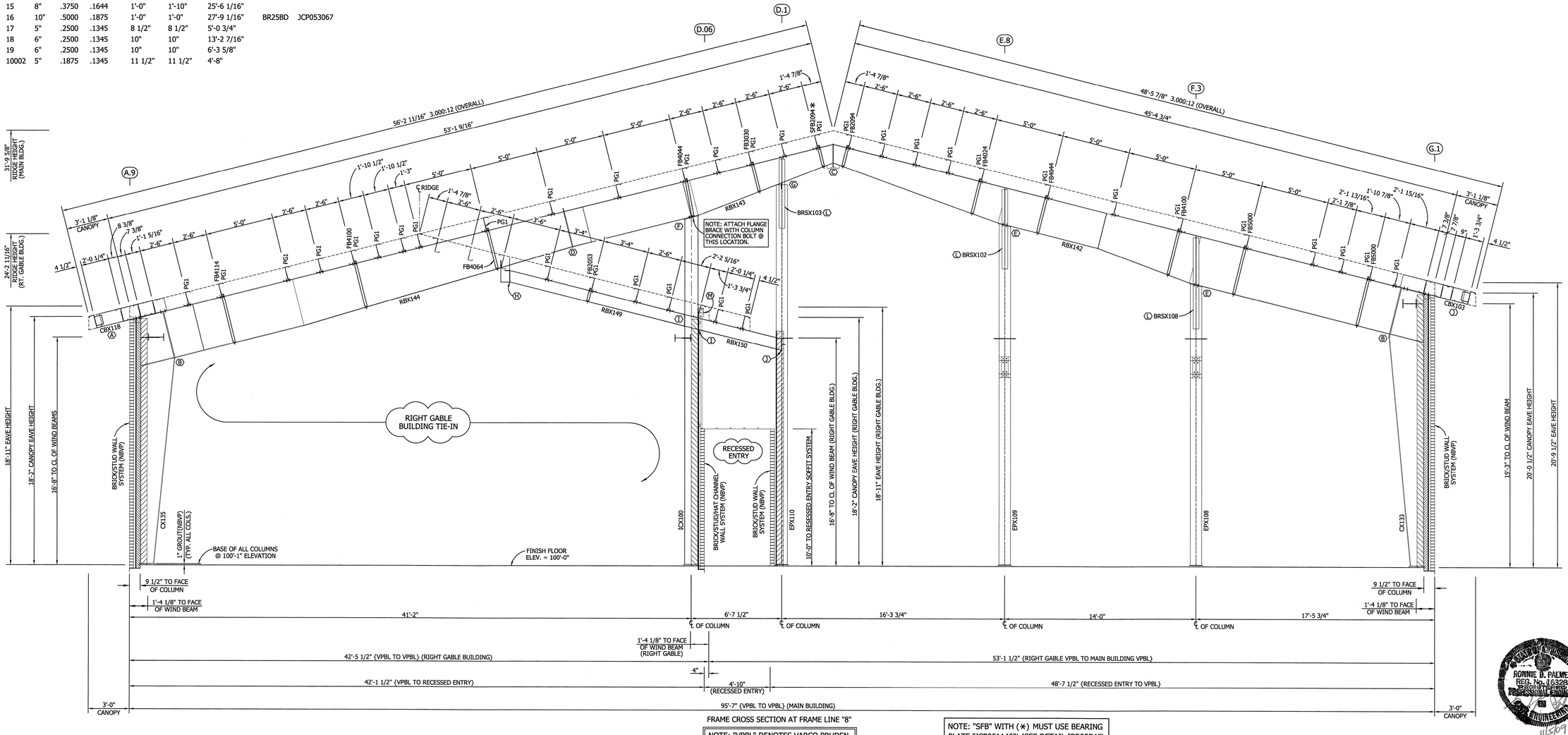
Vert. Clearance at member 15(ICX100): 25'-4"

Vert. Clearance at member 16(EPX110): 27'-11 3/4"

Vert. Clearance at member 18(RBX149): 17'-6 5/16"

Vert. Clearance at member 19(RBX150): 15'-9"

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



FRAME CROSS SECTION AT FRAME LINE "8"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE: "SFB" WITH (*) MUST USE BEARING PLATE "JCP051140"! (SEE DETAIL "BR25D1")

RONNIE D. PALMER REG. No. 16329 REGISTERED PROFESSIONAL ENGINEER STATE OF LOUISIANA 11/5/09

FOR CONSTRUCTION

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.

Shape Name = Main Building Wall 6, Frame 7

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(MAIN BLDG) FRAME CROSS SECTION @ LINE "8"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

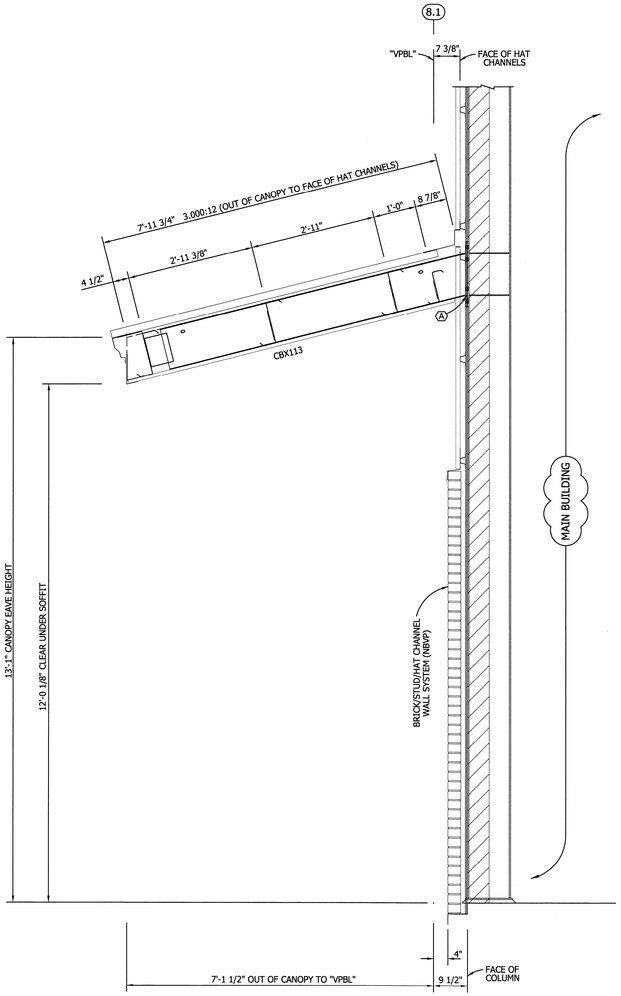
JOBNO	08-28883-EP1
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX113	10004	5"	.1875	.1345	11 1/2"	11 1/2"	7'-4 5/16"

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer
A	8	A325	3/4"	2"	1/2"	2	2	NA



ENDWALL CANOPY BEAM LOCATED @ "E.8"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

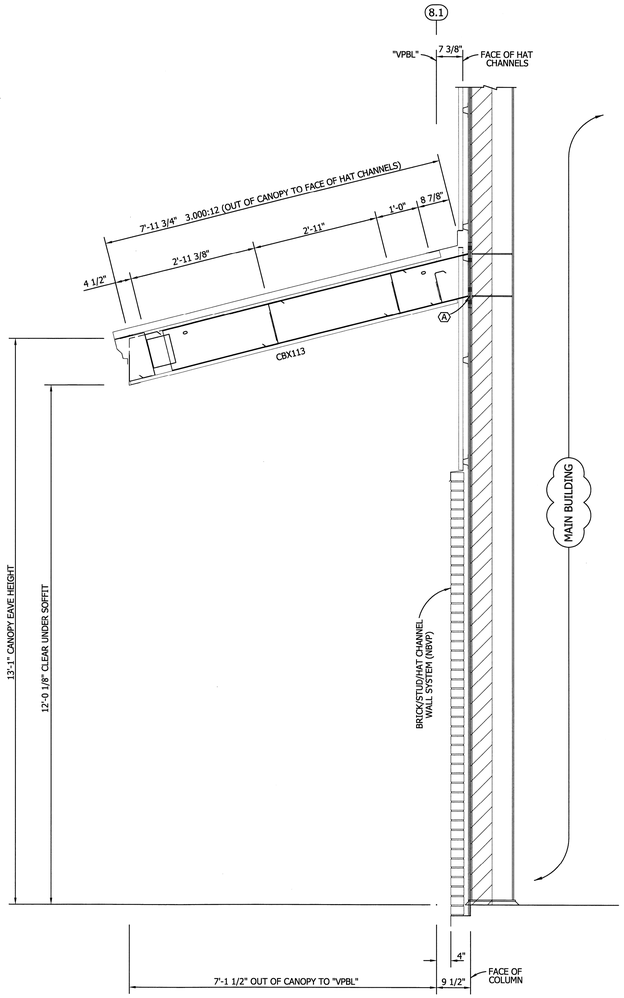
Shape Name = Main Building Wall 5, Frame 3

Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX113	10004	5"	.1875	.1345	11 1/2"	11 1/2"	7'-4 5/16"

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer
A	8	A325	3/4"	2"	1/2"	2	2	NA



ENDWALL CANOPY BEAM LOCATED @ "F.3"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

Shape Name = Main Building Wall 5, Frame 2

RONNIE D. PALMER REG. No. 16328 REGISTERED PROFESSIONAL ENGINEER STATE OF LOUISIANA CIVIL ENGINEERING 11/5/09

FOR CONSTRUCTION

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
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

ENDWALL CANOPY BEAMS @ "E.8" & "F.3"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Detail	Connection Clip
CBX111	10001	5"	.1875	.1345	11 1/2"	11 1/2"	4'-8 1/2"		
CX134	1	8"	.2500	.1644	1'-0"	2'-0"	18'-4 15/16"		
RBX115	2	5"	.1875	.1345	2'-0"	2'-0"	19'-6"		
	3	5"	.1875	.1345	2'-0"	9"			
RBX116	4	5"	.1875	.1345	9"	2'-0"	19'-6"		
	5	5"	.1875	.1345	2'-0"	2'-0"			
CX115	6	8"	.2500	.1644	1'-0"	2'-0"	18'-4 15/16"		
EPX100	7	8"	.3750	.1644	1'-0"	1'-0"	19'-5 1/8"	BR25BD	JCP053067
BRSX100	8	5"	.1875	.1345	7"	7"	5'-2 3/4"		
EPX101	9	8"	.3750	.1644	1'-0"	1'-0"	19'-5 1/8"	BR25BD	JCP053067
BRSX100	10	5"	.1875	.1345	7"	7"	5'-2 3/4"		
CBX112	10002	5"	.1875	.1345	11 1/2"	11 1/2"	4'-8 1/2"		

⬡ Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer	NOTES:
A	6	A325	1/2"	1 1/2"	NA	2	1	NA	"CANOPY FLANGE TO COLUMN FLANGE"
	2	A325	1/2"	1 1/2"	NA	1	-	NA	"CANOPY FLANGE TO RAFTER FLANGE"
B	8	A325	3/4"	2"	3/8"	2	2	NA	NA
C	4	A325	3/4"	2"	3/8"	1	1	NA	NA
D	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	NA
E	8	A325	1/2"	1 1/2"	NA	2	2	NA	"BRSX FLANGE TO COLUMN INSIDE FLANGE"
	4	A325	1/2"	1 1/2"	3/8"	1	1	NA	"JCP TO BRSX & COLUMN CLIPS"

Frame Clearances

Horizontal Clearance between members 1(CX134) and 6(CX115): 36'-8 7/16"

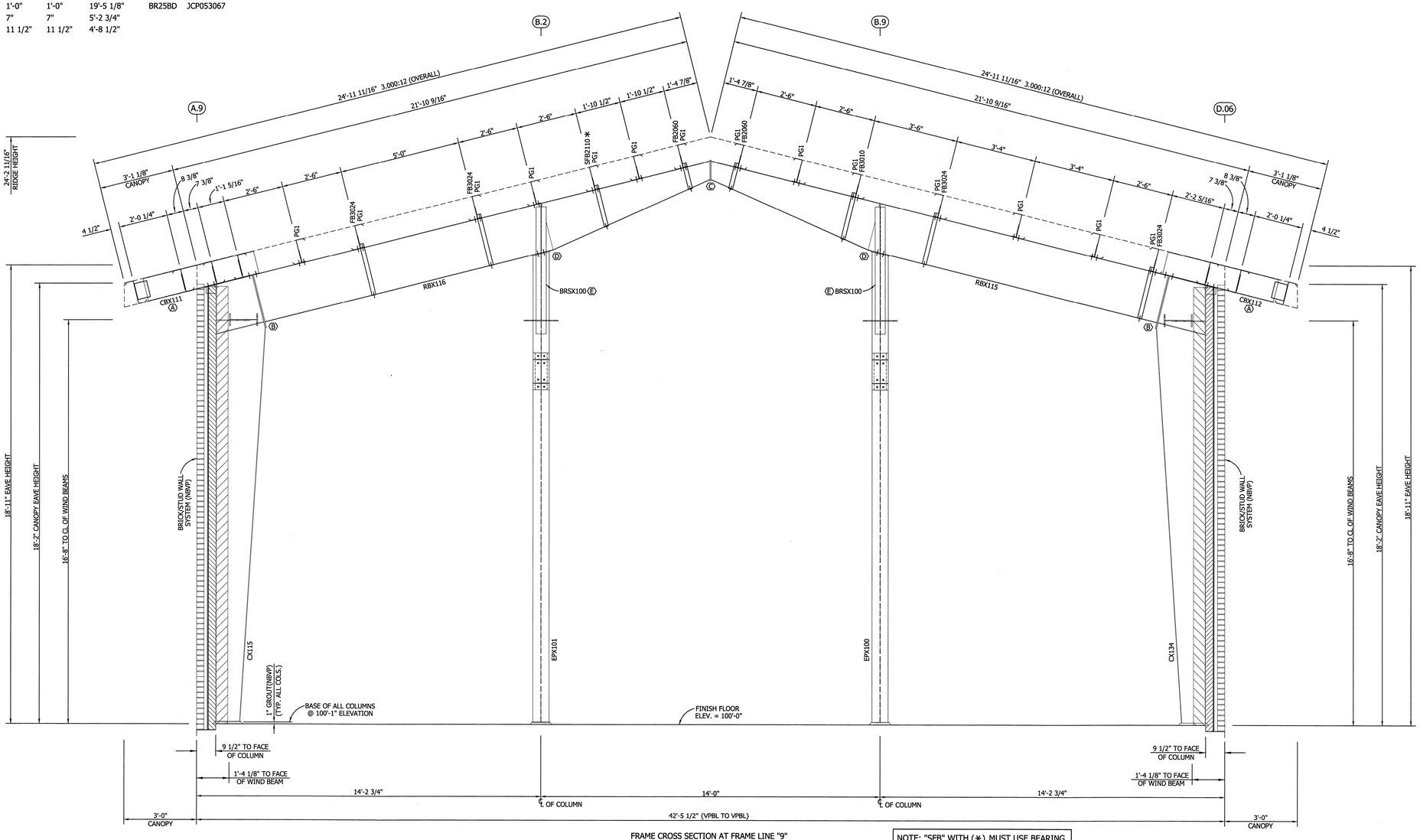
Vert. Clearance at member 1(CX134): 16'-6 7/8"

Vert. Clearance at member 6(CX115): 16'-6 7/8"

Vert. Clearance at member 7(EPX100): 19'-5 1/8"

Vert. Clearance at member 8(EPX101): 19'-5 1/8"

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



FRAME CROSS SECTION AT FRAME LINE "9"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE: "SFB" WITH (*) MUST USE BEARING PLATE "JCP051140"! (SEE DETAIL "BR25D1")

RONNIE D. PAEMER REG. NO. 16328 REGISTERED PROFESSIONAL ENGINEER STATE OF TENNESSEE ENGINEERING

11/9/09

FOR CONSTRUCTION

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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Shape Name = Right Gable Wall 4, Frame 1

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VP Buildings

3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(RIGHT GABLE) FRAME CROSS SECTION @ LINE "9"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN

A BlueScope Steel Company

VPC VERSION: 7.1f

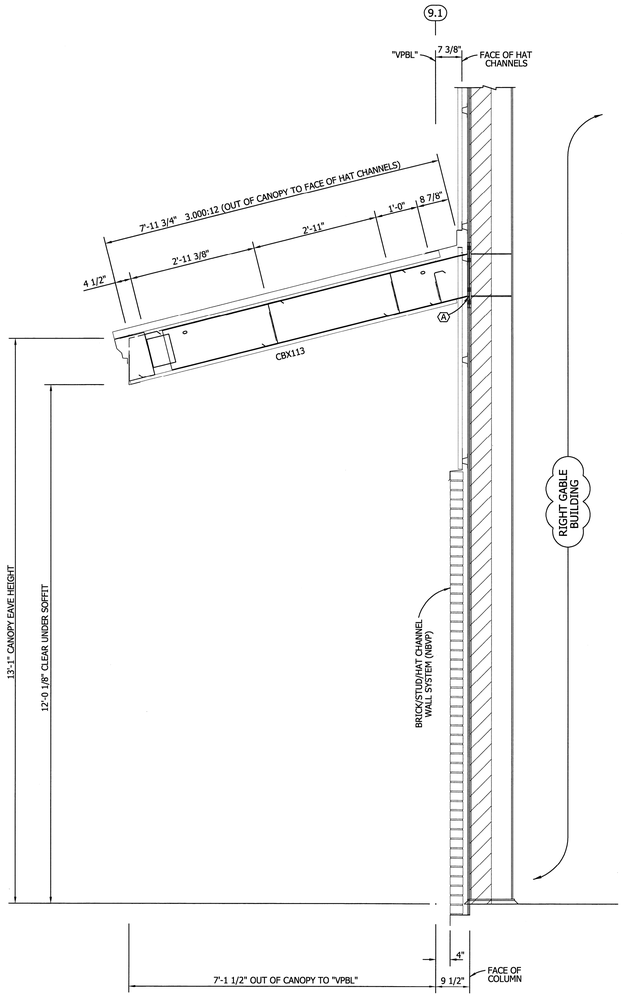
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Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX113	10004	5"	.1875	.1345	11 1/2"	11 1/2"	7'-4 5/16"

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer
A	8	A325	3/4"	2"	1/2"	2	2	NA



ENDWALL CANOPY BEAM LOCATED @ "B.9"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

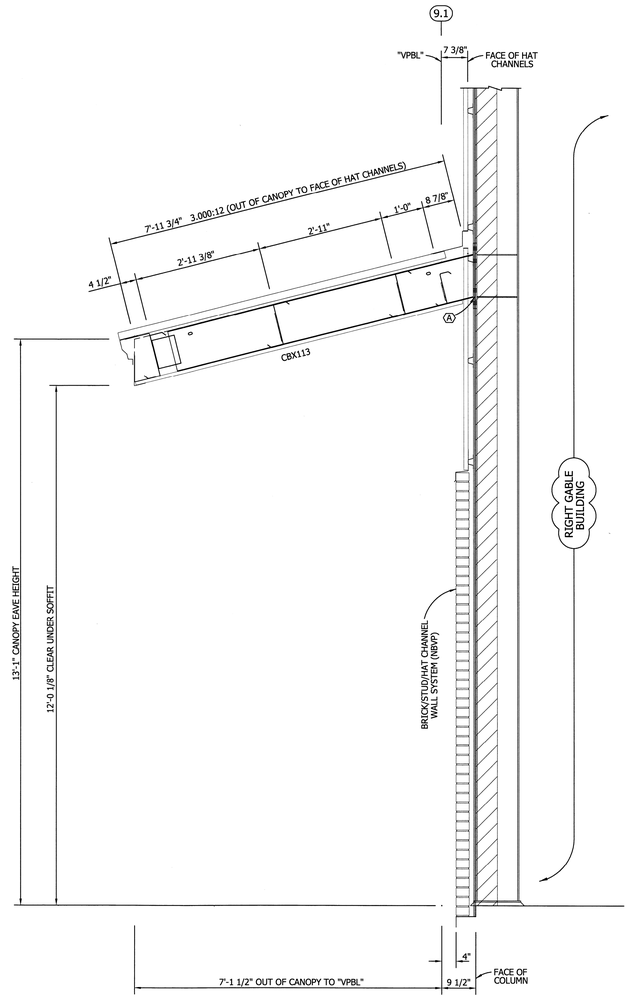
Shape Name = Right Gable Wall 3, Frame 1

Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX113	10004	5"	.1875	.1345	11 1/2"	11 1/2"	7'-4 5/16"

Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer
A	8	A325	3/4"	2"	1/2"	2	2	NA



ENDWALL CANOPY BEAM LOCATED @ "B.2"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

Shape Name = Right Gable Wall 3, Frame 2

RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
VP ENGINEERING
11/5/09

FOR CONSTRUCTION

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
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

ENDWALL CANOPY BEAMS @ "B.9" & "B.2"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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⬡ PART MARK KEY:

1	PSP01111
2	P182 (Flip)
3	P193 (Flip)
4	GAGX103
5	RECH08101
6	(1.25) GAGX100

SECONDARY PART SCHEDULE:

Mark	Part	Thick.	Depth	Lap Past CL of Frame
E107	01S1111416	0.0650	11 1/2"	NA
E108	01S0905416	0.0650	11 1/2"	NA
P123	01S2702011	0.1200	11 1/2"	NA
P124	01S1106416	0.0650	11 1/2"	NA
P125	01S0900416	0.0650	11 1/2"	NA
P126	01S2000414	0.0820	11 1/2"	NA
P130	01S1005416	0.0650	11 1/2"	5 3/4" @ "D" & "E"
P182	04S0210416	0.0650	11 1/2"	NA
P193	04S0211016	0.0650	11 1/2"	NA
P228	013S2401411	0.1200	11 1/2"	5 3/4" @ "E", 3'-1 3/4" @ "F"
P229	016S2401414	0.0820	11 1/2"	5 3/4" @ "E", 3'-1 3/4" @ "F"
P230	01S2000416	0.0650	11 1/2"	NA
P231	42S1602414	0.0820	11 1/2"	2'-1 1/4" @ LINES "C" & "D"
P232	017S3310011	0.1200	11 1/2"	3'-1 1/4" @ "B.1" & "C"
P233	007S3008411	0.1200	11 1/2"	3'-1 1/4" @ "B.1", NA @ "C"
P234	014S2307416	0..0650	11 1/2"	NA @ "E", 3'-1 3/4" @ "F"

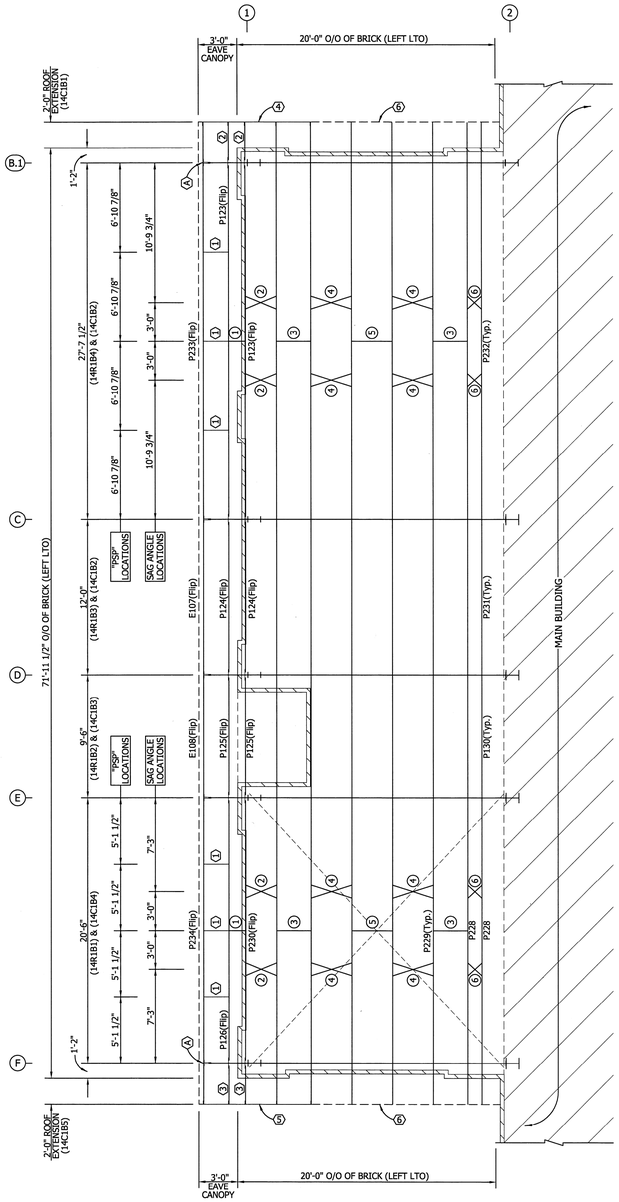
CONNECTION SCHEDULE:

Ⓐ CONNECT EAVE PURLIN TO CLIPS WITH (6) 1/2" X 1 1/2" A325 BOLTS.

◯ SAG ANGLE SCHEDULE:

Id	Qty	Mark No
1	2	SA1055
2	8	SA2091(X-ing)
3	4	SA2107
4	16	SA3056(X-ing)
5	2	SA3047
6	8	SA1056(X-ing)

See SED: BR09A4 for installation
See SED: BR09A5 for installation of X-ing





FOR CONSTRUCTION

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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Shape Name = Left LT

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(LEFT LTO) ROOF SECONDARY PLAN

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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○	PART MARK KEY:
1	PSP01111
2	P193(Flip)
3	P193(Do Not Flip)
4	P182(Flip)
5	P182(Do Not Flip)
6	P225(Flip)
7	J106
8	J107
9	J108
10	J109
11	J110
12	J111
13	J112
14	RECH07031
15	RECH09082
16	RECH07082
17	GAGX101
18	GAGX102
19	PG1
20	(.25) GAGX100
21	(1.25) GAGX100
22	PSP01025

○	SAG ANGLE SCHEDULE:		
Id	Qty	Mark No
1	12	SA1055
2	16	SA1114(X-ing)
3	4	SA2017
4	16	SA4015(X-ing)
5	59	SA5017
6	1	SA2003
7	4	SA2021
8	4	SA1031
9	12	SA1053(X-ing)
10	212	SA5023(X-ing)
11	4	SA2077
12	8	SA2090(X-ing)
13	4	SA2016(X-ing)
14	28	SA2090(X-ing)
15	24	SA4061(X-ing)
16	1	SA4026
17	4	SA2033(X-ing)

○	SAG ANGLE SCHEDULE CON'TD:		
Id	Qty	Mark No
18	1	SA5010
19	16	SA5015(X-ing)
20	4	SA2085(X-ing)
21	4	SA3020(X-ing)
22	4	SA2004(X-ing)
23	8	SA4066(X-ing)
24	4	SA4117
25	16	SA4032(X-ing)
26	1	SA0107
27	8	SA3092(X-ing)
28	8	SA1095(X-ing)
29	1	SA1051
30	2	SA1026
31	4	SA2056(X-ing)
32	20	SA4033(X-ing)
33	12	SA4106(X-ing)

(See SED: BR09A4 for installation)
(See SED: BR09A5 for installation of X-ing)

SECONDARY PART SCHEDULE:

Mark	Part	Thick.	Depth	Lap Past CL of Frame
E102	01S2911414	0.0820	11 1/2"	NA
E104	42S3110414	0.0820	11 1/2"	2'-1 1/4" @ "4", NA @ "5"
E105	01S3011411	0.1200	11 1/2"	5 3/4" @ "5" & "6"
E115	034S3301414	0.0820	11 1/2"	3'-1 3/4" @ "2" & "6", NA @ "3" & "5"
E118	46S3802416	0.0650	11 1/2"	4'-1 1/4" @ "3", "4", "5" & "6"
E119	44S2710416	0.0650	11 1/2"	3'-1 1/4" @ "6", NA @ "7"
J106	007J0404417	0.0590	8 1/2"	NA
J107	003J0308117	0.0590	8 1/2"	NA
J108	008J0305217	0.0590	8 1/2"	NA
J109	002J0404417	0.0590	8 1/2"	NA
J110	006J0303417	0.0590	8 1/2"	NA
J111	005J0404417	0.0590	8 1/2"	NA
J112	001J0400617	0.0590	8 1/2"	NA
P103	01S2906411	0.1200	11 1/2"	NA
P104	01S2406416	0.0650	11 1/2"	NA
P111	42S1606416	0.0650	11 1/2"	2'-1 1/4" @ "2.8" & "3.2"
P112	42S2702416	0.0650	11 1/2"	2'-1 1/4" @ "3.2" & "4"
P113	42S2702414	0.0820	11 1/2"	2'-1 1/4" @ "2.5", "3.2" & "4"
P115	46S3802411	0.1200	11 1/2"	4'-1 1/4" @ "3", "4", "5" & "6"
P116	46S3802414	0.0820	11 1/2"	4'-1 1/4" @ "3", "4", "5" & "6"
P117	44S3602411	0.1200	11 1/2"	3'-1 1/4" @ "5" & "6"
P118	44S3602414	0.0820	11 1/2"	3'-1 1/4" @ "5" & "6"
P135	01S2206411	0.1200	11 1/2"	NA
P148	01S2406411	0.1200	11 1/2"	NA
P152	46S3302414	0.0820	11 1/2"	4'-1 1/4" @ "6" & "7"
P153	46S3302416	0.0650	11 1/2"	4'-1 1/4" @ "6" & "7"
P162	01S2406414	0.0820	11 1/2"	NA
P171	009S3703011	0.1200	11 1/2"	3'-1 3/4" @ "2", 4'-1 1/4" @ "3"
P172	023S0911016	0.0650	11 1/2"	3'-1 3/4" @ "2" & "6"
P174	036S3703014	0.0820	11 1/2"	3'-1 3/4" @ "2", 4'-1 1/4" @ "3"
P175	038S3802411	0.1200	11 1/2"	4'-1 1/4" @ "3" & "4"
P176	056S3802414	0.0820	11 1/2"	4'-1 1/4" @ "3" & "4"
P177	057S3202411	0.1200	11 1/2"	4'-1 1/4" @ "7", 3'-1 1/4" @ "8"
P178	058S0910416	0.0650	11 1/2"	3'-1 1/4" @ "7" & "8"
P179	059S3202414	0.0820	11 1/2"	4'-1 1/4" @ "7", 3'-1 1/4" @ "8"
P180	060S3202414	0.0820	11 1/2"	4'-1 1/4" @ "7", 3'-1 1/4" @ "8"
P181	039S2810414	0.0820	11 1/2"	4'-1 1/4" @ "7", NA @ "8"
P182	04S0210416	0.0650	11 1/2"	NA
P183	041S3703011	0.1200	11 1/2"	3'-1 3/4" @ "2", 4'-1 1/4" @ "3"
P184	042S3102414	0.0820	11 1/2"	3'-1 1/4" @ "7" & "8"
P185	061S3102414	0.0820	11 1/2"	3'-1 1/4" @ "7" & "8"
P186	043S3102416	0.0650	11 1/2"	3'-1 1/4" @ "7" & "8"
P188	44S3102414	0.0820	11 1/2"	3'-1 1/4" @ "7" & "8"
P189	045S2810416	0.0650	11 1/2"	4'-1 1/4" @ "6", NA @ "7"
P190	046S3703014	0.0820	11 1/2"	3'-1 3/4" @ "2" & "6", 4'-1 1/4" @ "3" & "5"
P191	047S3703014	0.0820	11 1/2"	3'-1 3/4" @ "2" & "6", 4'-1 1/4" @ "3" & "5"
P192	037S3703016	0.0650	11 1/2"	3'-1 3/4" @ "2" & "6", 4'-1 1/4" @ "3" & "5"
P193	04S0211016	0.0650	11 1/2"	NA
P194	048S3307411	0.1200	11 1/2"	3'-1 3/4" @ "2", 5 3/4" @ "3"
P195	01S2411411	0.1200	11 1/2"	NA
P196	01S2503011	0.1200	11 1/2"	5 3/4" @ "6-B" & "7-G", NA @ "7-B", 3'-1 1/4" @ "8"
P197	01S2505414	0.0820	11 1/2"	5 3/4" @ "6", NA @ "7"
P199	035S2807014	0.0820	11 1/2"	5 3/4" @ "7", 3'-1 1/4" @ "8"
P200	028S2801414	0.0820	11 1/2"	NA @ "8", 3'-1 3/4" @ "9"
P208	030S3411014	0.0820	11 1/2"	6'-9 1/4" @ "8", 3'-1 3/4" @ "9"
P210	031S2807414	0.0820	11 1/2"	5 3/4" @ "8", 3'-1 3/4" @ "9"
P211	02S2510411	0.1200	11 1/2"	1'-1 1/4" @ "7", 3'-1 1/4" @ "8"
P212	032S2910416	0.0650	11 1/2"	3'-1 1/4" @ "2", 2'-1 1/4" @ "2.8"
P213	003S3010414	0.0820	11 1/2"	3'-1 1/4" @ "2" & "2.8"
P214	004S2803011	0.1200	11 1/2"	3'-1 1/4" @ "2", 5 3/4" @ "2.8"
P215	005S2606416	0.0650	11 1/2"	3'-1 1/4" @ "2", 2'-1 1/4" @ "2.8"
P216	006S2802416	0.0650	11 1/2"	2'-1 1/4" @ "6", 1'-1 1/4" @ "7"
P217	008S3002414	0.0820	11 1/2"	2'-1 1/4" @ "6", 3'-1 1/4" @ "7"
P218	010S2406411	0.1200	11 1/2"	NA
P219	42S1510416	0.0650	11 1/2"	NA @ "2", 2'-1 1/4" @ "2.5"
P220	001S1707016	0.0650	11 1/2"	3'-1 1/4" @ "2", 5 3/4" @ "2.5"
P221	42S3110411	0.1200	11 1/2"	2'-1 1/4" @ "4", NA @ "5"
P222	015S3005416	0.0650	11 1/2"	5 3/4" @ "4", NA @ "5"
P223	002S2801016	0.0650	11 1/2"	NA @ "6", 3'-1 1/4" @ "7"
P224	011S2809014	0.0820	11 1/2"	3'-1 3/4" @ "2.5" & "4", 3'-1 1/4" @ "3.2"
P225	04S0205016	0.0650	11 1/2"	NA
P226	01S2206414	0.0820	11 1/2"	NA
P227	012S2507414	0.0820	11 1/2"	3'-1 3/4" @ "2.5" & "4", NA @ "3.2"

CONNECTION SCHEDULE:

Ⓐ CONNECT RBX148 TO HI-SIDE WEB OF PURLIN WITH (6) 1/2" X 1 1/2" A325 BOLTS WITH WASHERS ON "BOTH" SIDES.
Ⓑ CONNECT EAVE PURLIN TO CLIPS WITH (6) 1/2" X 1 1/2" A325 BOLTS.
Ⓒ CONNECTION REQ'D @ MAIN BLDG. EAVE PURLIN TO FRAME @ "2.8" (SEE CROSS SECTION)

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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Shape Name = Front LT, Shape = Entrance LT, Shape = Main Building

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

ENTRY LTO, FRONT LTO, MAIN BLDG

ROOF SECONDARY PLAN

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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RONNIE D. PALMER
REG. No. 16328
PROFESSIONAL ENGINEER
STATE OF TENNESSEE
ENGINEERING
10/30/09

FOR CONSTRUCTION

⬡ PART MARK KEY:

1	PSP01111
2	P193(Flip)
3	RECH08033
4	(1.25) GAGX100
5	17XP08003107 (PURLIN CLIP)
6	18XP08003051 (PURLIN CLIP)

SECONDARY PART SCHEDULE:

Mark	Part	Thick.	Depth	Lap Past CL of Frame
P193	04S0211016	0.0650	11 1/2"	NA
P201	029S2807414	0.0820	11 1/2"	5 3/4" @ "8", 2'-1 3/4" @ "9"
P202	040S2503011	0.1200	11 1/2"	5 3/4" @ "8", NA @ "9"
P203	049S2710211	0.1200	11 1/2"	NA @ "8", 2'-1 3/4" @ "9"
P204	050S2801211	0.1200	11 1/2"	NA @ "8", 2'-1 3/4" @ "9"
P205	051S2807411	0.1200	11 1/2"	5 3/4" @ "8", 2'-1 3/4" @ "9"
P206	01S2404614	0.0650	11 1/2"	NA

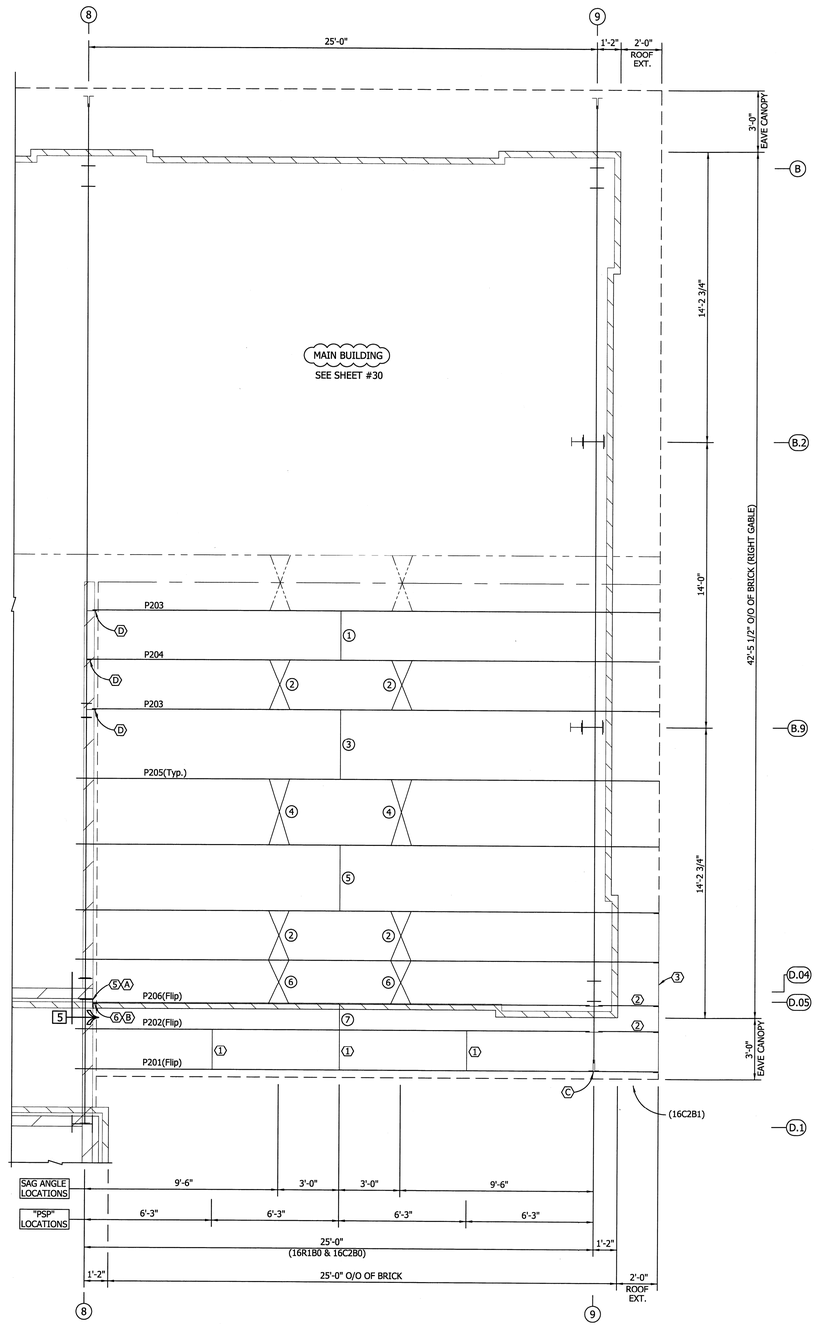
◯ SAG ANGLE SCHEDULE:

Id	Qty	Mark No
1	1	SA2077
2	8	SA2090(X-ing)
3	1	SA3077
4	4	SA3066(X-ing)
5	1	SA3057
6	4	SA2053(X-ing)
7	1	SA1055

(See SED: BR09A4 for installation)
(See SED: BR09A5 for installation of X-ing)

CONNECTION SCHEDULE:

Ⓐ CONNECT "17XP" TO FLANGE OF COLUMN WITH (6) 1/2" X 1 1/2" A325 BOLTS. CONNECT TO "18XP" WITH (3) 1/2" X 1 1/2" A325 BOLTS
Ⓑ CONNECT "18XP" TO WEB OF PURLIN WITH (3) 1/2" X 1 1/2" A325 BOLTS.
Ⓒ CONNECT EAVE PURLIN TO CLIPS WITH (6) 1/2" X 1 1/2" A325 BOLTS.
Ⓓ CONNECT PURLIN TO HI-SIDE OF CLIP WITH (3) 1/2" X 1 1/2" A325 BOLTS WITH WASHERS ON EACH SIDE OF CONNECTION.





FOR CONSTRUCTION

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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Shape Name = Right Gable

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(RIGHT GABLE) ROOF SECONDARY PLAN

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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PART MARK KEY:
1 P238
2 P240
3 (1) RKCH10

SECONDARY PART SCHEDULE:

Mark	Part	Thick.	Depth	Lap Past CL of Frame
P235	015S1306411	0.1200	11 1/2"	NA
P236	018S1511416	0.0650	11 1/2"	11 3/4" @ "F.3" & "E.8"
P237	001T1306414	0.0820	8 1/2"	NA
P238	002T0009016	0.0650	8 1/2"	NA
P240	020S0009016	0.0650	11 1/2"	NA

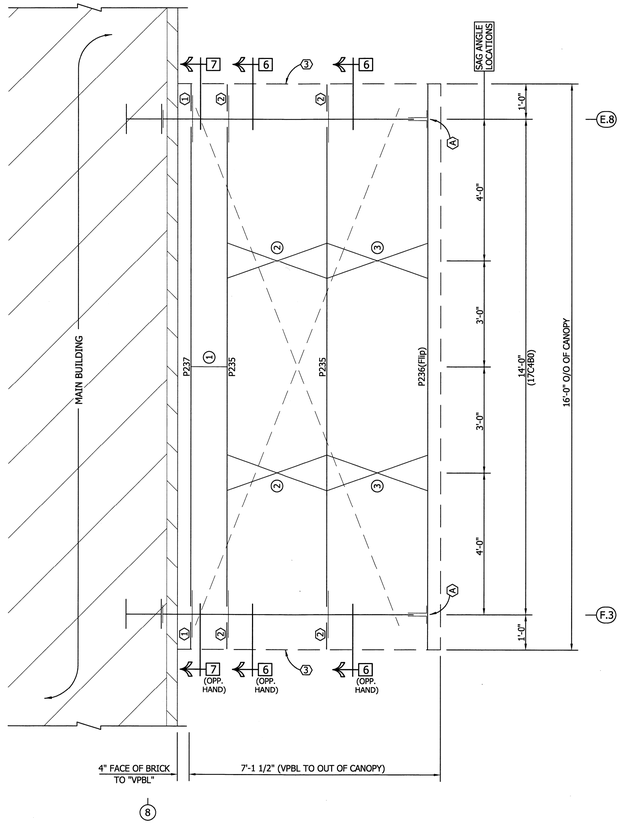
SAG ANGLE SCHEDULE:

Id	Qty	Mark No
1	1	SA1106
2	4	SA3016(X-ing)
3	4	SA3021(X-ing)

(See SED: BR09A4 for installation)
(See SED: BR09A5 for installation of X-ing)

CONNECTION SCHEDULE:

A CONNECT EAVE PURLIN TO CLIPS WITH (6) 1/2" X 1 1/2" A325 BOLTS.



Shape Name = Main Building

PART MARK KEY:
1 P238
2 P239
3 (1) RKCH10

SECONDARY PART SCHEDULE:

Mark	Part	Thick.	Depth	Lap Past CL of Frame
P235	015S1306411	0.1200	11 1/2"	NA
P236	018S1511416	0.0650	11 1/2"	11 3/4" @ "F.3" & "E.8"
P237	001T1306414	0.0820	8 1/2"	NA
P238	002T0009016	0.0650	8 1/2"	NA
P239	019S0009016	0.0650	11 1/2"	NA

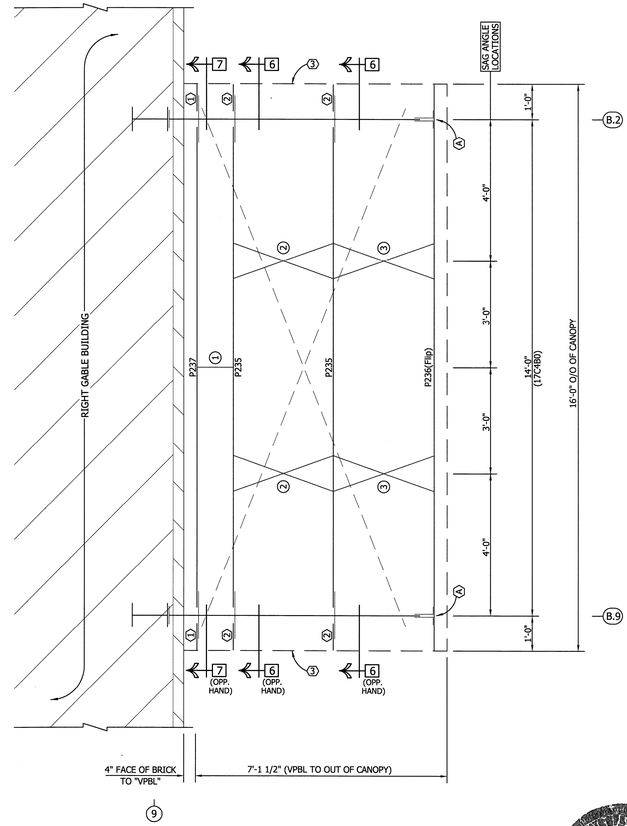
SAG ANGLE SCHEDULE:

Id	Qty	Mark No
1	1	SA1106
2	4	SA3016(X-ing)
3	4	SA3021(X-ing)

(See SED: BR09A4 for installation)
(See SED: BR09A5 for installation of X-ing)

CONNECTION SCHEDULE:

A CONNECT EAVE PURLIN TO CLIPS WITH (6) 1/2" X 1 1/2" A325 BOLTS.



Shape Name = Right Gable

STATE OF TENNESSEE
RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
KEY
CIVIL ENGINEERING
11/5/09

FOR CONSTRUCTION

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
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

MAIN BLDG & RIGHT GABLE } CANOPY ROOF SECONDARY PLANS

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

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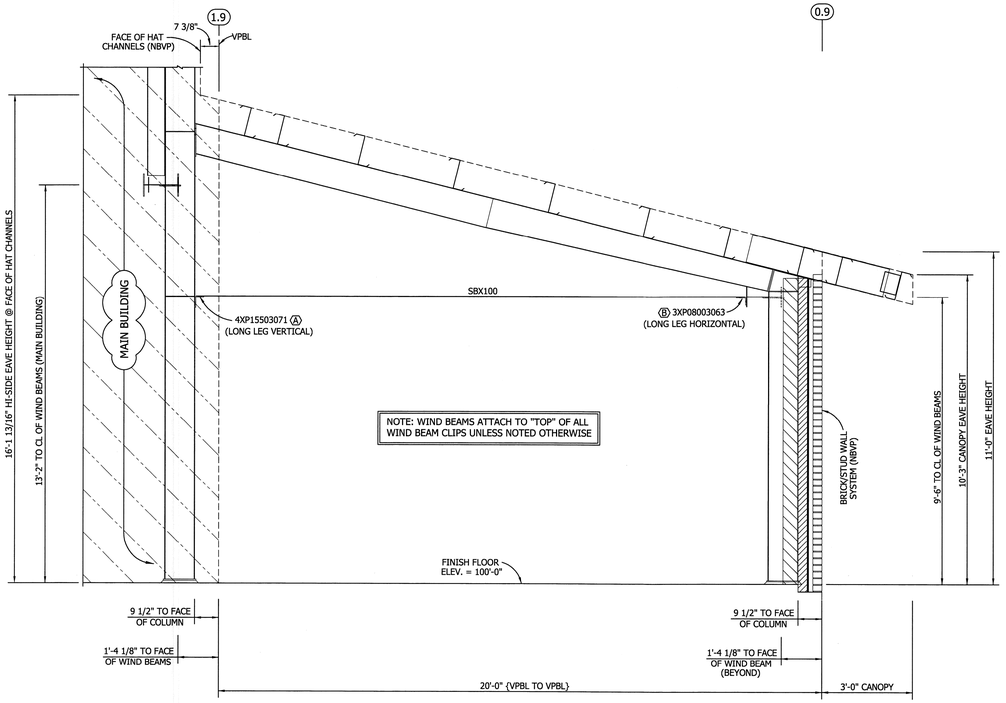
MEMBER SCHEDULE:

PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX100	7"	.2500"	.1345"	1'-0"	18'-2 3/8"

CONNECTION SCHEDULE:

Ⓐ CONNECT "4XP" TO FLANGE OF ENDWALL COLUMN WITH
(2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.
CONNECT "4XP" TO WEB OF WIND BEAM WITH
(2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

Ⓑ CONNECT "3XP" TO FLANGE OF SIDEWALL WIND BEAM WITH
(2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.
CONNECT "3XP" TO WEB OF WIND BEAM WITH
(2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.



SECONDARY ELEVATION AT LINE "A.9"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ATTACHMENT OF WIND BEAM TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)

Shape Name = Left LT, Wall = 1

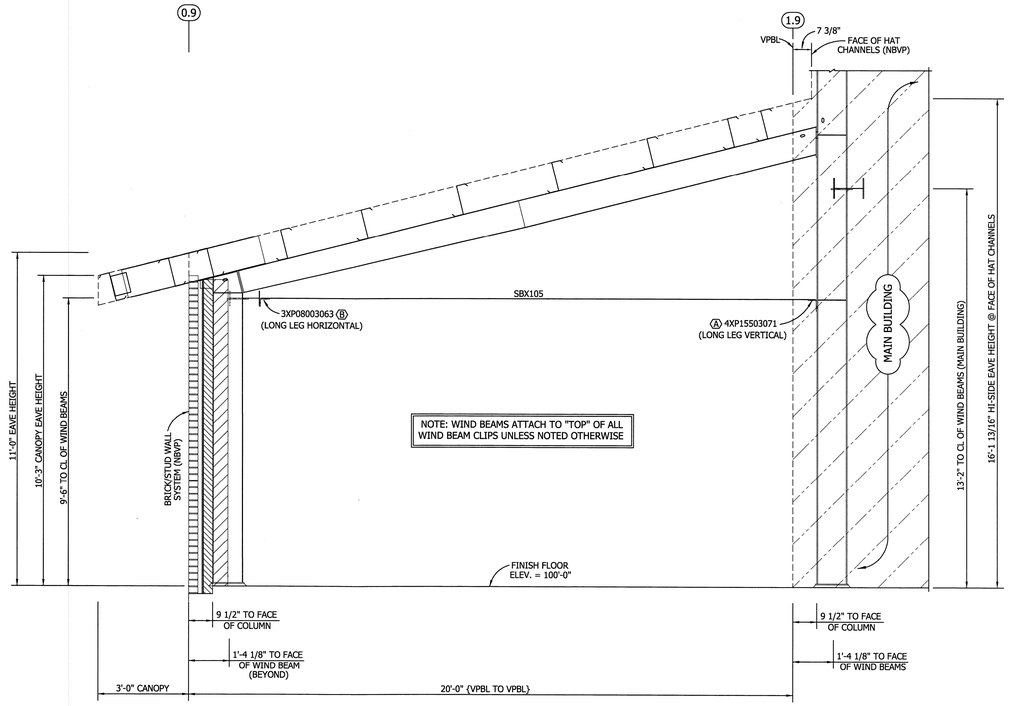
MEMBER SCHEDULE:

PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX105	6"	.3125	.1345"	1'-0"	18'-4 3/8"

CONNECTION SCHEDULE:

Ⓐ CONNECT "4XP" TO FLANGE OF ENDWALL COLUMN WITH
(2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.
CONNECT "4XP" TO WEB OF WIND BEAM WITH
(2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

Ⓑ CONNECT "3XP" TO FLANGE OF SIDEWALL WIND BEAM WITH
(2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.
CONNECT "3XP" TO WEB OF WIND BEAM WITH
(2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.



SECONDARY ELEVATION AT LINE "F.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ATTACHMENT OF WIND BEAM TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)

Shape Name = Left LT, Wall = 3

RONNIE D. PALMER
REG. No. 16329
REGISTERED
PROFESSIONAL ENGINEER
TENNESSEE
11/9/09

FOR CONSTRUCTION

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
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(LEFT LTO) SECONDARY ELEVATIONS @ "A.9" & "F.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

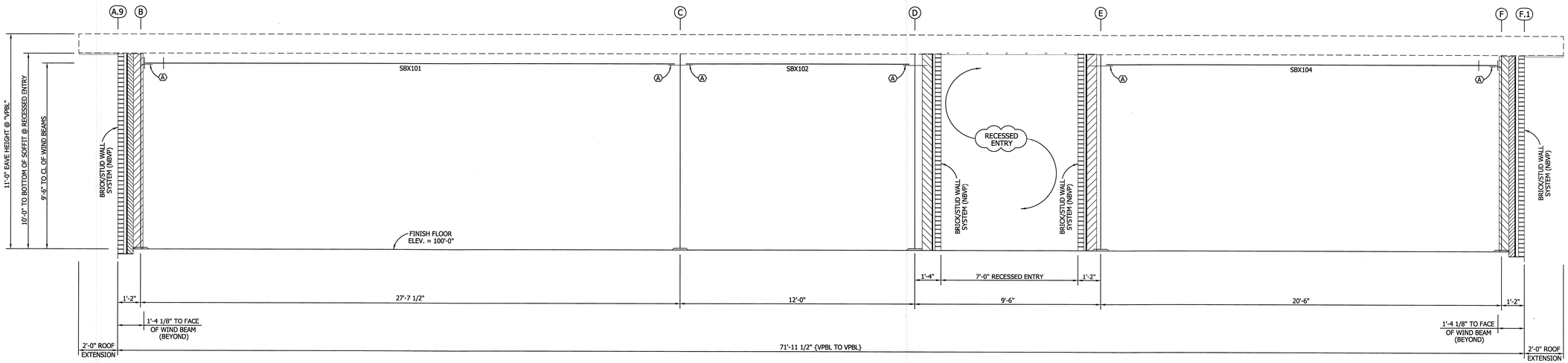
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MEMBER SCHEDULE:

PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX101	8"	.2500"	.1345"	1'-2"	27'-0 1/2"
SBX102	5"	.2500"	.1345"	1'-0"	11'-5"
SBX104	6"	.2500"	.1345"	1'-0"	19'-11"

CONNECTION SCHEDULE:

(A) CONNECT WIND BEAM WEB TO "TOP" OF CLIP WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.



SECONDARY ELEVATION AT LINE "A.9"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE: WIND BEAMS ATTACH TO "TOP" OF ALL WIND BEAM CLIPS UNLESS NOTED OTHERWISE

NOTE:
ATTACHMENT OF WIND BEAMS TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)



FOR CONSTRUCTION

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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Shape Name = Left LT, Wall = 2

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(LEFT LEAN-TO) SECONDARY ELEVATION @ "A.9"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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PAGE	34 OF 80

MEMBER SCHEDULE:

PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX106	6"	.1875"	.1345"	1'-0"	14'-3 5/8"
SBX107	9"	.3750"	.1875"	1'-2"	26'-10 1/2"
SBX108	5"	.2500"	.1644"	1'-0"	11'-1 1/2"
SBX109	5"	.2500"	.1345"	1'-0"	8'-8"
SBX110	8"	.2500"	.1875"	1'-0"	19'-7 1/2"
SBX111	8"	.3750"	.1875"	1'-0"	22'-1 9/16"
SBX112	6"	.3750"	.1345"	1'-0"	20'-4 3/8"

CONNECTION SCHEDULE:

(A) CONNECT "10XP" TO FLANGE OF SIDEWALL WIND BEAM WITH
(2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.
CONNECT "10XP" TO BOTTOM OF WEB ON WIND BEAM WITH
(2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

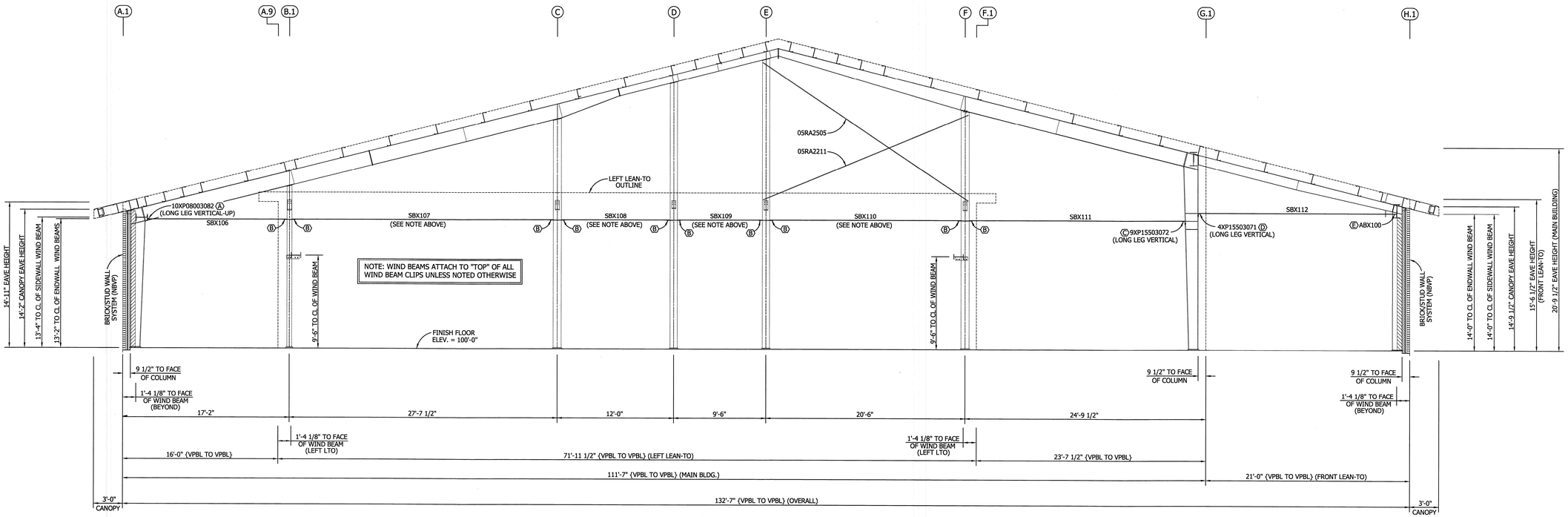
(B) CONNECT WIND BEAM WEB TO "TOP" OF CLIP WITH
(2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

(C) CONNECT "9XP" TO FLANGE OF SIDEWALL COLUMN WITH
(2) 3/4" X 2 1/4" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.
CONNECT "9XP" TO WEB OF WIND BEAM WITH
(2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

(D) CONNECT "4XP" TO FLANGE OF SIDEWALL COLUMN WITH
(2) 3/4" X 2 1/4" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.
CONNECT "4XP" TO WEB OF WIND BEAM WITH
(2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

(E) CONNECT "ABX100" TO WEB OF JACK BEAM WITH
(3) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.
CONNECT "ABX100" TO WEB OF WIND BEAM WITH
(3) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

NOTE: WIND BEAMS ARE DESIGNED FOR LATERAL LOADS ONLY.
ROOF PURLINS ARE TO SUPPORT VERTICAL LOADS FROM
STUD FRAMING SYSTEMS BY OTHERS.
ATTACHMENT OF STUD FRAMING SYSTEMS TO PURLINS IS
NOT BY VARCO PRUDEN BUILDINGS, INC.



SECONDARY ELEVATION AT LINE "1.9"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ATTACHMENT OF WIND BEAMS TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)

RONNIE D. PALMER
REG. No. 16328
PROFESSIONAL ENGINEER
VP BUILDINGS
11/5/09

FOR CONSTRUCTION

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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Shape Name = Main Building, Wall = 1 , Shape Name = Front LT, Wall = 1

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRONT LTO, MAIN BLDG } SECONDARY ELEVATION @ "1.9"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

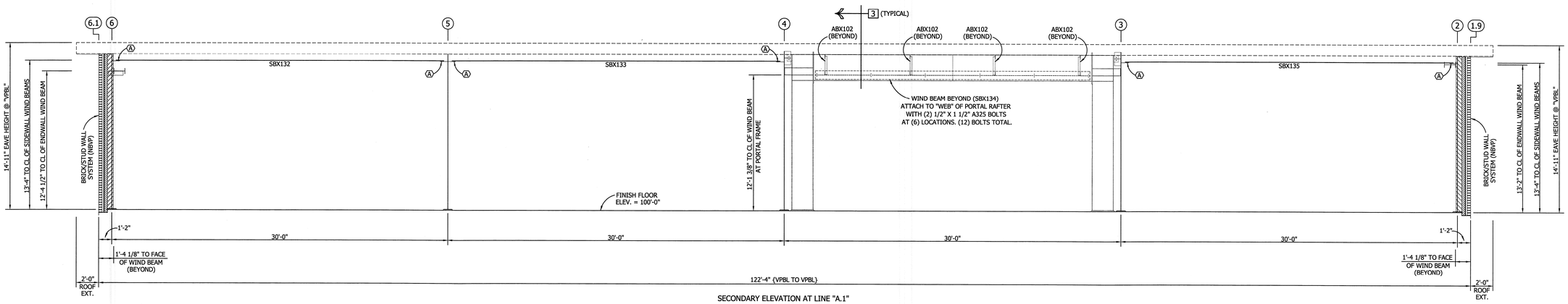
JOBNO	08-28883-EP1
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MEMBER SCHEDULE:

PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX132	9"	.3750"	.1644"	1'-2"	29'-3"
SBX133	9"	.3750"	.1644"	1'-2"	29'-3 1/16"
SBX134	9"	.3750"	.1644"	1'-2"	24'-5 1/2"
SBX135	9"	.3750"	.1644"	1'-2"	29'-3"

CONNECTION SCHEDULE:

(A) CONNECT WIND BEAM WEB TO "TOP" OF CLIP WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

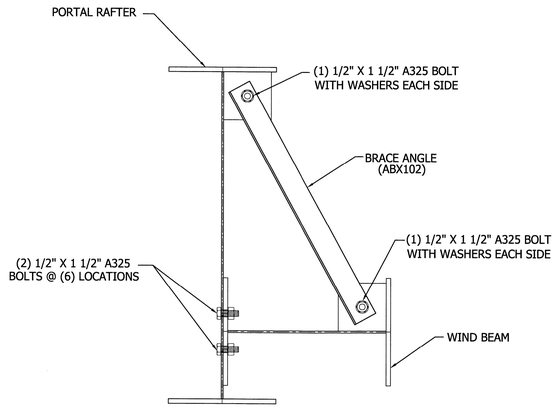


SECONDARY ELEVATION AT LINE "A.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE: WIND BEAMS ATTACH TO "TOP" OF ALL WIND BEAM CLIPS UNLESS NOTED OTHERWISE

NOTE:
ATTACHMENT OF WIND BEAMS TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)



SECTION "3"

RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
STATE OF LOUISIANA
11/5/09

FOR CONSTRUCTION

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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Shape Name = Main Building, Wall = 2

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(MAIN BLDG) SECONDARY ELEVATION @ "A.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
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MEMBER SCHEDULE:

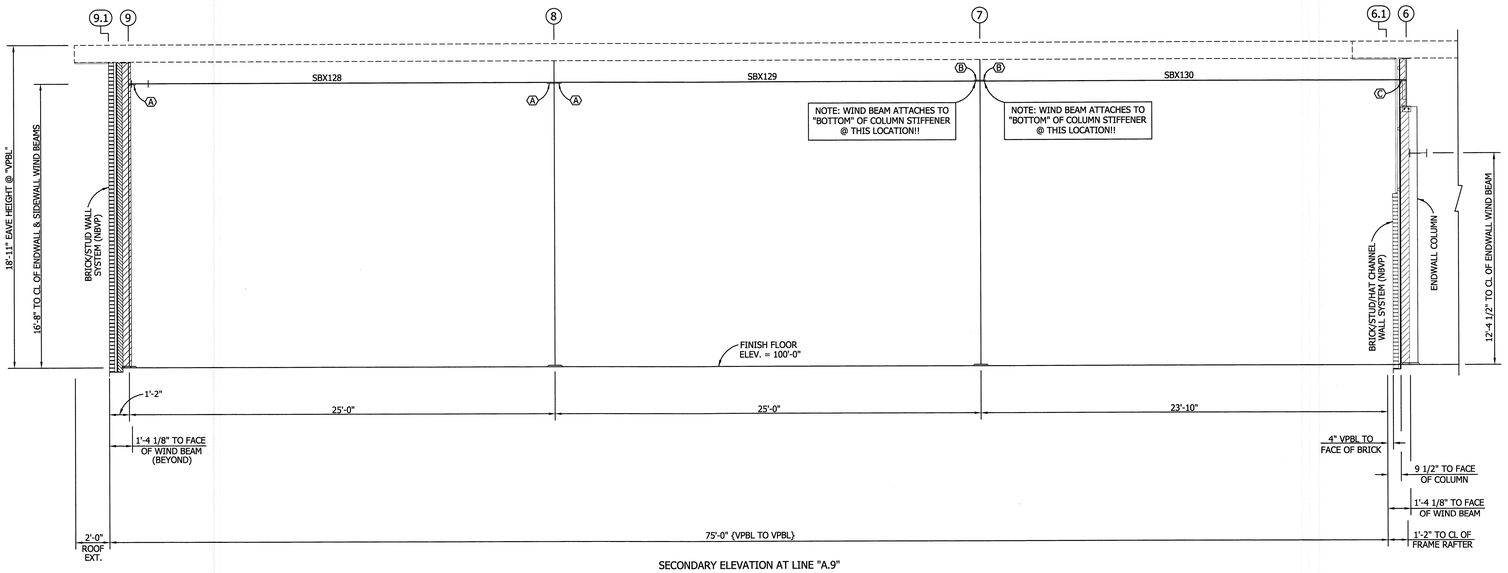
PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX128	6"	.5000"	.1345"	1'-2"	24'-10 13/16"
SBX129	6"	.5000"	.1875"	1'-2"	24'-10 3/4"
SBX130	6"	.5000"	.1875"	1'-2"	24'-10 3/4"

CONNECTION SCHEDULE:

Ⓐ CONNECT WIND BEAM WEB TO "TOP" OF CLIP WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

Ⓑ CONNECT WIND BEAM WEB TO "BOTTOM" OF COLUMN STIFFENER WITH (3) 3/4" X 2" A325 BOLTS WITH WASHERS ON "STIFFENER" SIDE.

Ⓒ CONNECT WIND BEAM WEB TO "TOP" OF RAFTER CLIP WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.



SECONDARY ELEVATION AT LINE "A.9"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE: WIND BEAMS ATTACH TO "TOP" OF ALL WIND BEAM CLIPS UNLESS NOTED OTHERWISE

NOTE:
ATTACHMENT OF WIND BEAMS TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)

Shape Name = Right Gable, Wall = 2 , Shape Name = Main Building, Wall = 4

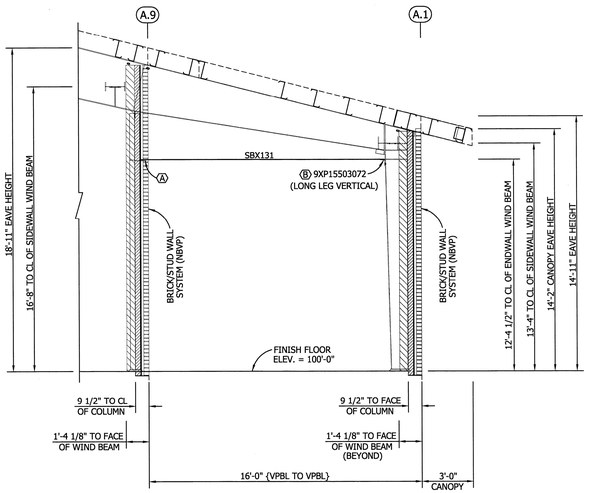
MEMBER SCHEDULE:

PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX131	6"	.2500"	.1345"	1'-0"	14'-3 5/8"

CONNECTION SCHEDULE:

Ⓐ CONNECT WIND BEAM WEB TO "TOP" OF CLIP WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

Ⓑ CONNECT "9XP" TO FLANGE OF SIDEWALL COLUMN WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.
CONNECT "9XP" TO WEB OF WIND BEAM WITH (2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.



SECONDARY ELEVATION AT LINE "6.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE: WIND BEAMS ATTACH TO "TOP" OF ALL WIND BEAM CLIPS UNLESS NOTED OTHERWISE

NOTE:
ATTACHMENT OF WIND BEAM TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)

Shape Name = Main Building, Wall = 3



FOR CONSTRUCTION

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
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

MAIN BLDG & RIGHT GABLE } SECONDARY ELEVATIONS @ "A.9" & "6.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

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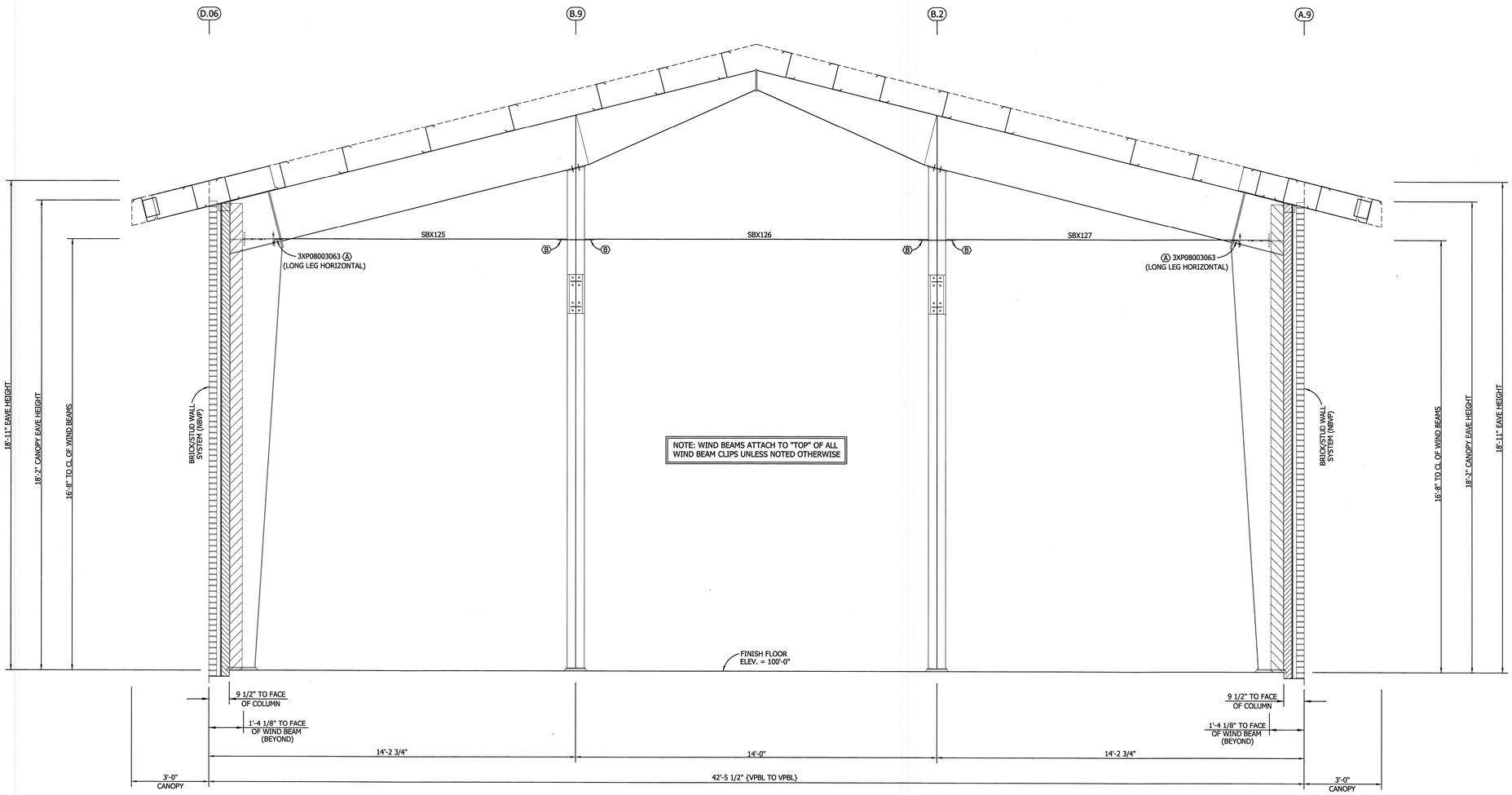
MEMBER SCHEDULE:

PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX125	5"	.2500"	.1345"	1'-0"	11'-3 5/8"
SBX126	5"	.2500"	.1345"	1'-0"	13'-3"
SBX127	5"	.2500"	.1345"	1'-0"	11'-3 5/8"

CONNECTION SCHEDULE:

Ⓐ CONNECT "3XP" TO FLANGE OF SIDEWALL WIND BEAM WITH
(2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.
CONNECT "3XP" TO WEB OF WIND BEAM WITH
(2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

Ⓑ CONNECT WIND BEAM WEB TO "TOP" OF CLIP WITH
(2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.



SECONDARY ELEVATION @ LINE "9.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ATTACHMENT OF WIND BEAMS TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)

STATE OF LOUISIANA
RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
VP ENGINEERING
11/5/09

FOR CONSTRUCTION

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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Shape Name = Right Gable, Wall = 3

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(RIGHT GABLE) SECONDARY ELEVATION @ "9.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1r

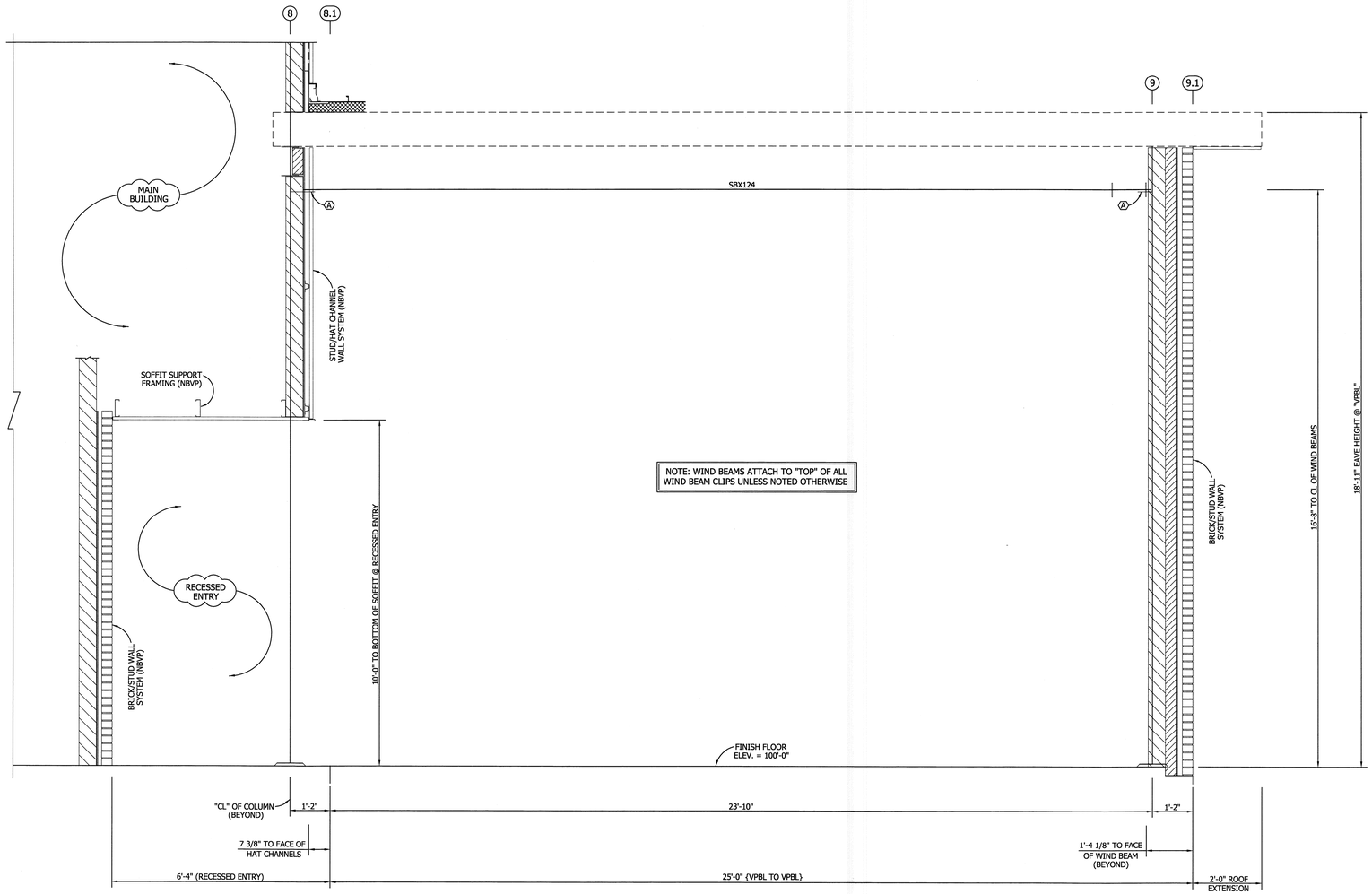
JOBNO	08-28883-EP1
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MEMBER SCHEDULE:

PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX124	6	.5000"	.1345"	1'-2"	24'-6 13/16"

CONNECTION SCHEDULE:

Ⓐ CONNECT WIND BEAM WEB TO "TOP" OF CLIP WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.



NOTE: WIND BEAMS ATTACH TO "TOP" OF ALL WIND BEAM CLIPS UNLESS NOTED OTHERWISE

SECONDARY ELEVATION AT LINE "D.06"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ATTACHMENT OF WIND BEAM TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)

STATE OF TENNESSEE
RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
11/5/09

FOR CONSTRUCTION

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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Shape Name = Right Gable, Wall = 4

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(RIGHT GABLE) SECONDARY ELEVATION @ "D.06"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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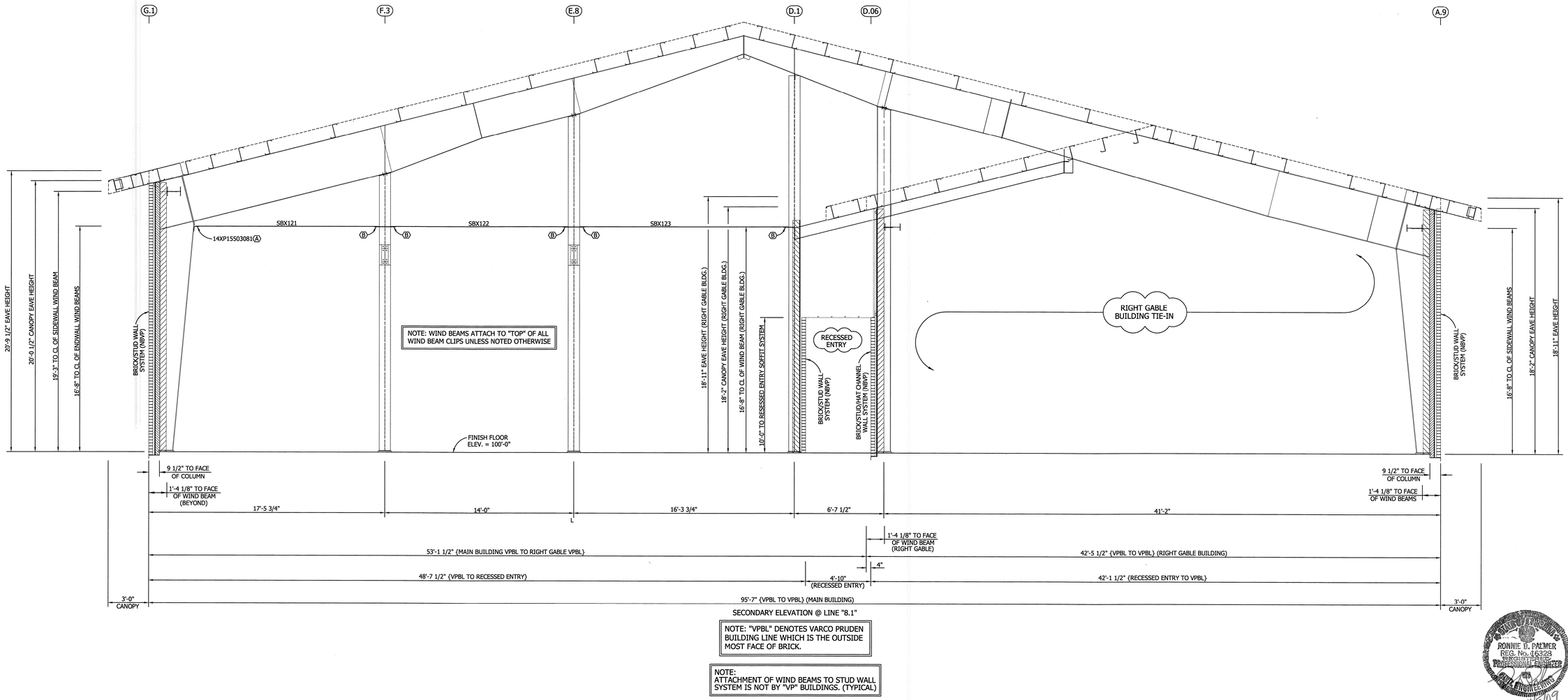
MEMBER SCHEDULE:

PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX121	6"	.2500"	.1644"	1'-0"	13'-6 5/8"
SBX122	5"	.2500"	.1644"	1'-0"	13'-0 13/16"
SBX123	6"	.3125"	.1345"	1'-0"	15'-4 9/16"

CONNECTION SCHEDULE:

(A) CONNECT "14XP" TO FLANGE OF SIDEWALL COLUMN WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE. CONNECT "14XP" TO BOTTOM OF WEB ON WIND BEAM WITH (2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

(B) CONNECT WIND BEAM WEB TO "TOP" OF CLIP WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.



SECONDARY ELEVATION @ LINE "8.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ATTACHMENT OF WIND BEAMS TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)

RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
STATE OF TENNESSEE
11/9/09

FOR CONSTRUCTION

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.

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.

Shape Name = Main Building, Wall = 5

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(MAIN BLDG) SECONDARY ELEVATION @ "8.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

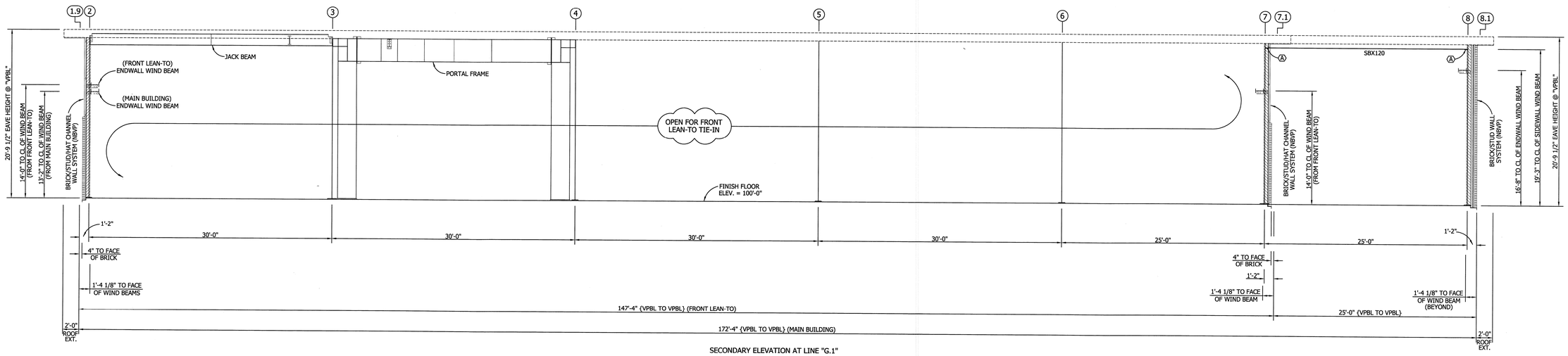
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MEMBER SCHEDULE:

PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX120	8"	.3750"	.1345"	1'-0"	24'-10 13/16"

CONNECTION SCHEDULE:

(A) CONNECT WIND BEAM WEB TO "TOP" OF CLIP WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.



SECONDARY ELEVATION AT LINE "G.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE: WIND BEAMS ATTACH TO "TOP" OF ALL WIND BEAM CLIPS UNLESS NOTED OTHERWISE

NOTE:
ATTACHMENT OF WIND BEAM TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)



FOR CONSTRUCTION

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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Shape Name = Main Building, Wall = 6

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(MAIN BLDG) SECONDARY ELEVATION @ "G.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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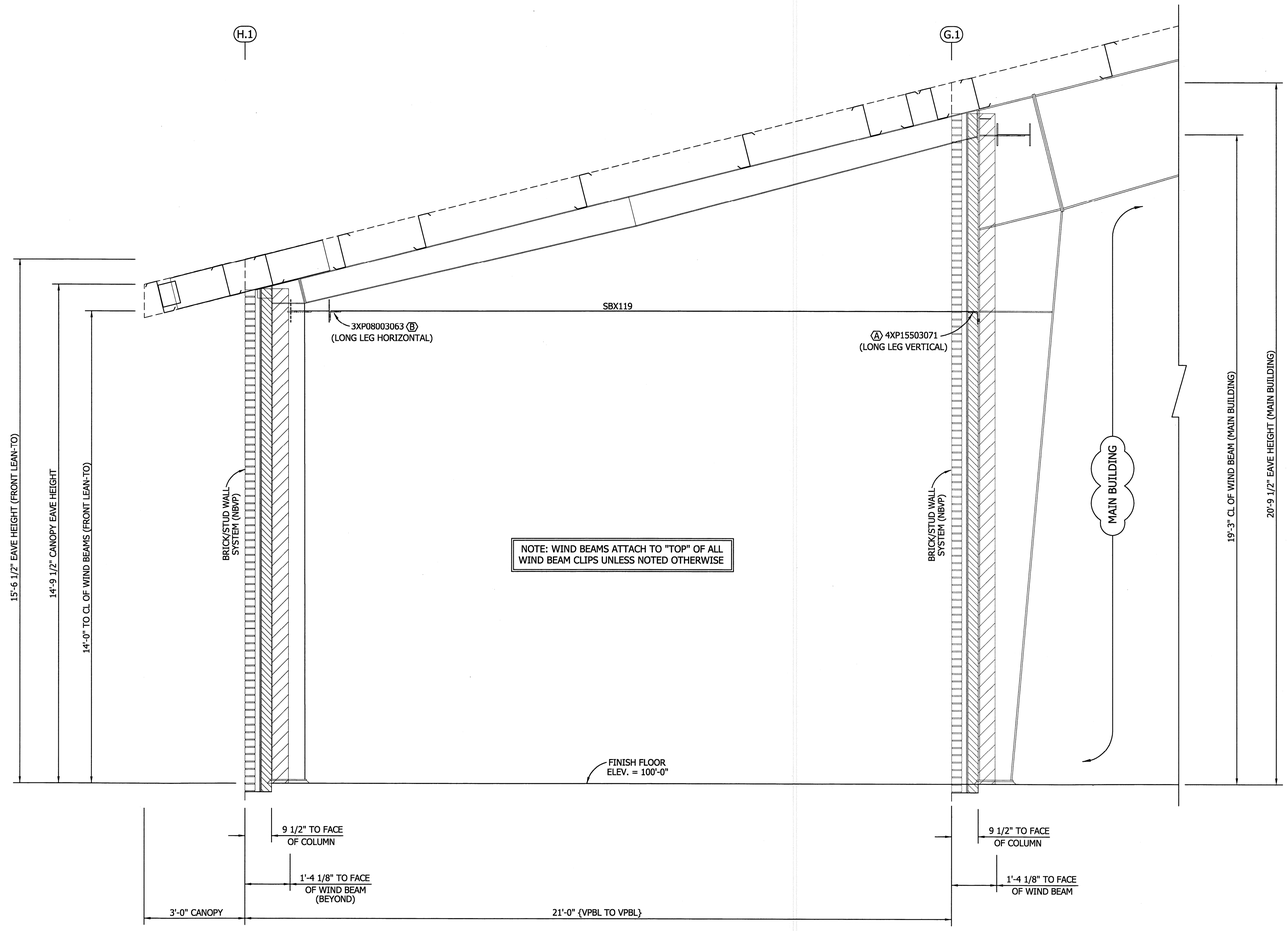
MEMBER SCHEDULE:

PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX119	6"	.3750"	.1345"	1'-0"	19'-2 3/8"

CONNECTION SCHEDULE:

(A) CONNECT "4XP" TO FLANGE OF SIDEWALL COLUMN WITH
(2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.
CONNECT "4XP" TO WEB OF WIND BEAM WITH
(2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

(B) CONNECT "3XP" TO FLANGE OF SIDEWALL WIND BEAM WITH
(2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.
CONNECT "3XP" TO WEB OF WIND BEAM WITH
(2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.



SECONDARY ELEVATION AT LINE "7.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ATTACHMENT OF WIND BEAM TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)

RONNIE D. PALMER
REG. No. 16328
REGISTERED PROFESSIONAL ENGINEER
STATE OF LOUISIANA
11/9/09

FOR CONSTRUCTION

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.

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.

Shape Name = Front LT, Wall = 3

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(FRONT LEAN-TO) SECONDARY ELEVATION @ "7.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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MEMBER SCHEDULE:

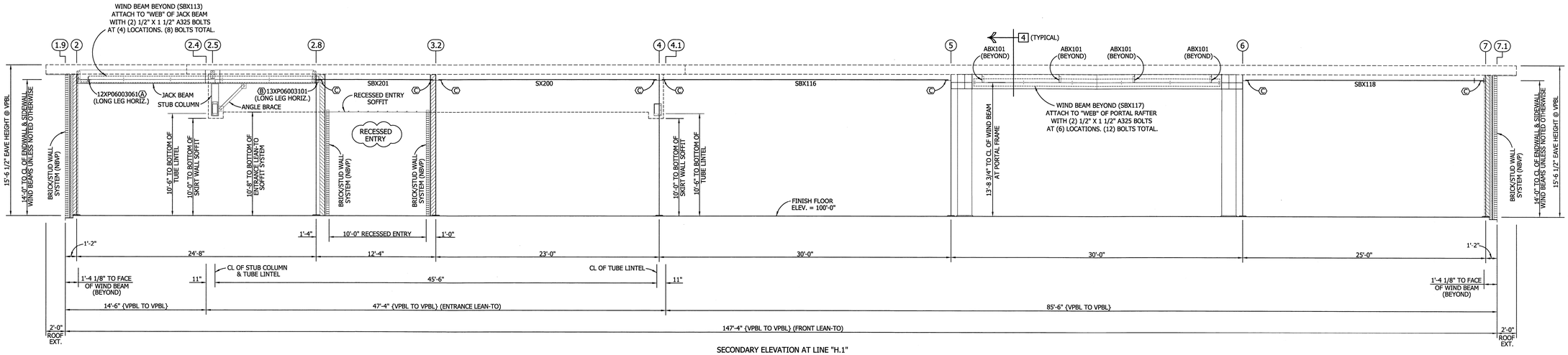
PART MARK	WIDTH	THICK	WEB THK.	DEPTH	LENGTH
SBX113	8"	.2500"	.1345"	1'-2"	23'-8 3/8"
SBX200	6"	.3750"	.1345"	1'-0"	22'-5"
SBX201	5"	.2500"	.1345"	1'-0"	11'-8 15/16"
SBX116	9"	.3125"	.1345"	1'-2"	29'-4 15/16"
SBX117	9"	.3125"	.1345"	1'-2"	25'-3 3/4"
SBX118	8"	.2500"	.1345"	1'-2"	24'-4 15/16"

CONNECTION SCHEDULE:

Ⓐ CONNECT "12XP" TO FLANGE OF ENDWALL WIND BEAM WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE. CONNECT "12XP" TO BOTTOM OF WEB ON WIND BEAM WITH (2) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

Ⓑ CONNECT "13XP" TO "INSIDE" FLANGE OF COLUMN WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE. CONNECT "13XP" TO BOTTOM OF WEB ON WIND BEAM WITH (4) 3/4" X 1 1/2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

Ⓒ CONNECT WIND BEAM WEB TO "TOP" OF CLIP WITH (2) 3/4" X 2" A325 BOLTS WITH WASHERS ON "CLIP" SIDE.

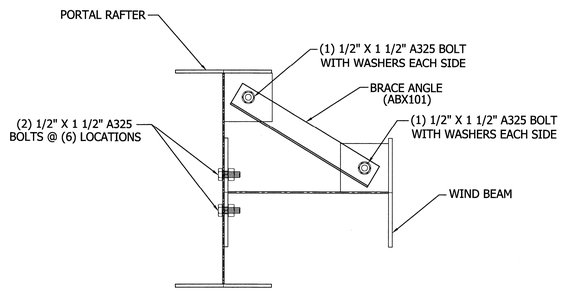


SECONDARY ELEVATION AT LINE "H.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE: WIND BEAMS ATTACH TO "TOP" OF ALL WIND BEAM CLIPS UNLESS NOTED OTHERWISE

NOTE:
ATTACHMENT OF WIND BEAMS TO STUD WALL SYSTEM IS NOT BY "VP" BUILDINGS. (TYPICAL)



SECTION "4"

RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
STATE OF TENNESSEE
11/5/09

FOR CONSTRUCTION

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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Shape Name = Front LT, Wall = 4

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(FRONT LEAN-TO) SECONDARY ELEVATION @ "H.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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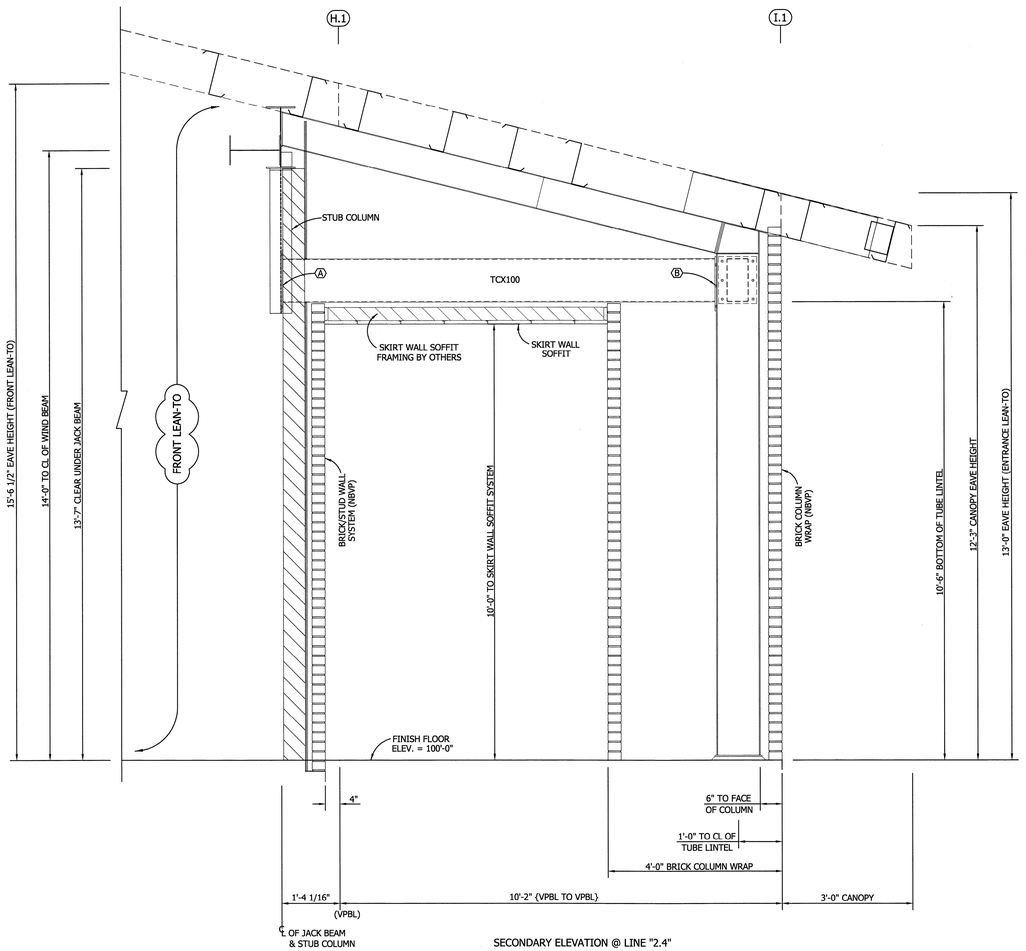
MEMBER SCHEDULE:

PART MARK	DESCRIPTION	LENGTH
TCX100	12" X 6" X 3/16" TUBE LINTEL	10'-0 1/16"

CONNECTION SCHEDULE:

Ⓐ CONNECT "TUBE PLATE" TO WEB OF STUB COLUMN WITH (4) 1/2" X 1 1/2" A325 BOLTS. (WASHERS ARE NOT REQUIRED)

Ⓑ CONNECT "TUBE PLATE" TO FLANGE OF COLUMN WITH (4) 1/2" X 1 1/2" A325 BOLTS. (WASHERS ARE NOT REQUIRED)



SECONDARY ELEVATION @ LINE "2.4"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

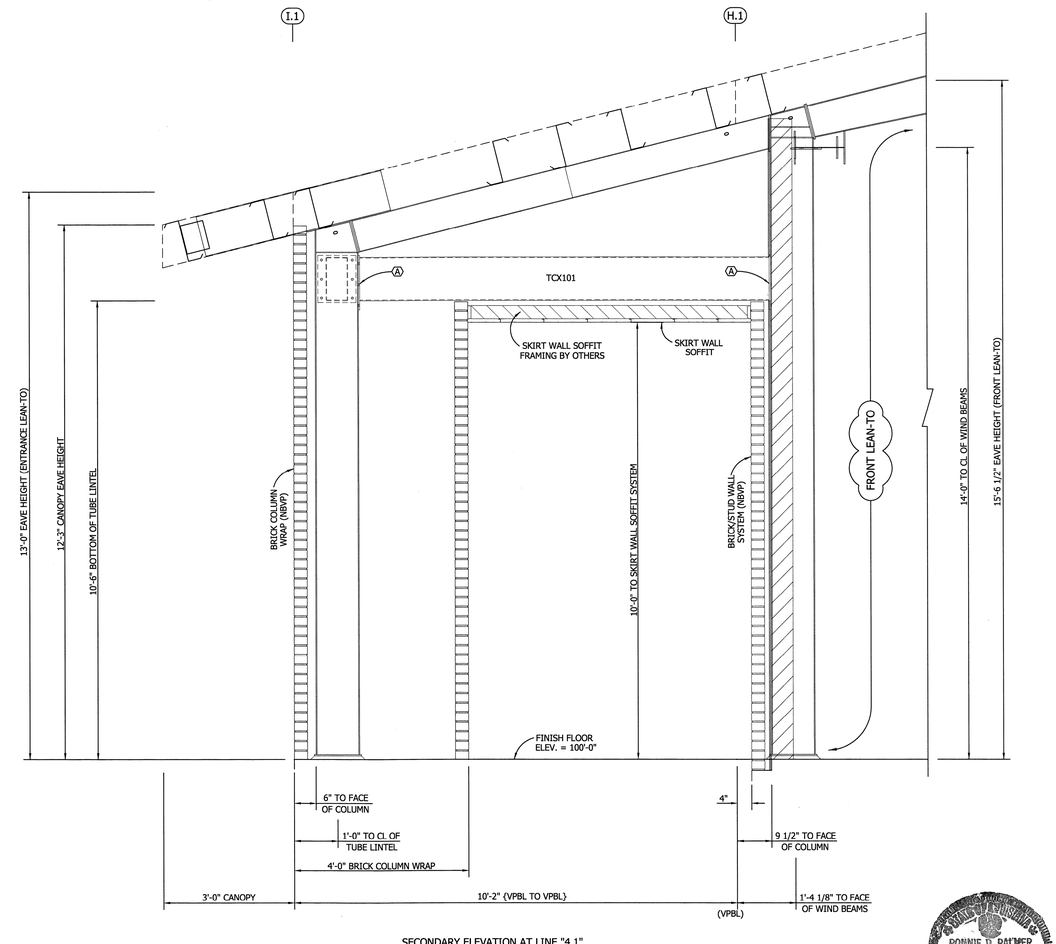
Shape Name = Entrance LT, Wall = 1

MEMBER SCHEDULE:

PART MARK	DESCRIPTION	LENGTH
TCX101	12" X 6" X 3/16" TUBE LINTEL	9'-5 5/8"

CONNECTION SCHEDULE:

Ⓐ CONNECT "TUBE PLATE" TO FLANGE OF COLUMN WITH (4) 1/2" X 1 1/2" A325 BOLTS. (WASHERS ARE NOT REQUIRED)



SECONDARY ELEVATION AT LINE "4.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

Shape Name = Entrance LT, Wall = 3

RONNIE D. PALMER REG. No. 16328 REGISTERED PROFESSIONAL ENGINEER STATE OF TENNESSEE 11/9/09

FOR CONSTRUCTION

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.
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Shape Name = Entrance LT Wall 4, Frame 1

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(ENTRY LTO) SECONDARY ELEVATIONS @ "2.4" & "4.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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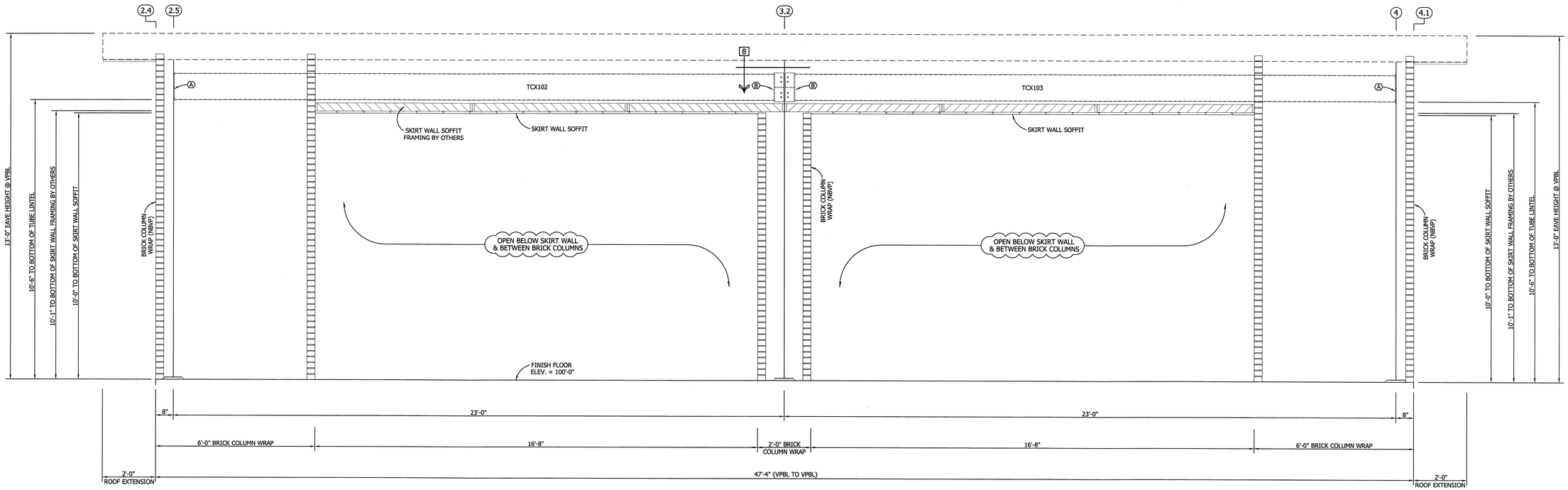
MEMBER SCHEDULE:

PART MARK	DESCRIPTION	LENGTH
TCX102	12" X 6" X 3/16" TUBE LINTEL	22'-11 1/2" (OVERALL)
TCX103	12" X 6" X 3/16" TUBE LINTEL	22'-11 1/2" (OVERALL)

CONNECTION SCHEDULE:

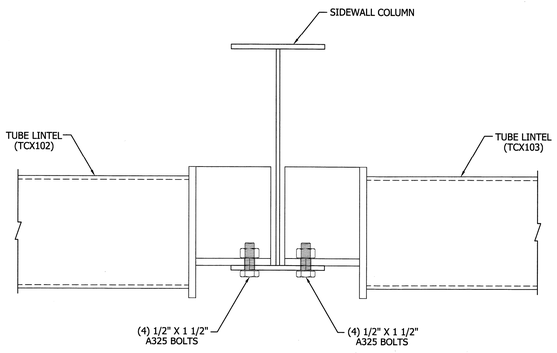
Ⓐ CONNECT "TUBE PLATE" TO WEB OF COLUMN WITH (6) 1/2" X 1 1/2" A325 BOLTS. (WASHERS ARE NOT REQUIRED)

Ⓑ CONNECT "TUBE PLATE" TO "INSIDE" OF "OUTSIDE" FLANGE OF COLUMN WITH (4) 1/2" X 1 1/2" A325 BOLTS. (WASHERS ARE NOT REQUIRED)



SECONDARY ELEVATION @ LINE "I.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.



SECTION "8"



FOR CONSTRUCTION

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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Shape Name = Entrance LT, Wall = 4

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(ENTRY LEAN-TO) SECONDARY ELEVATION @ "I.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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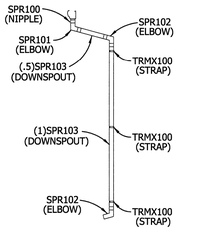
COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#24	58	SLR2	22	1	A	ZN

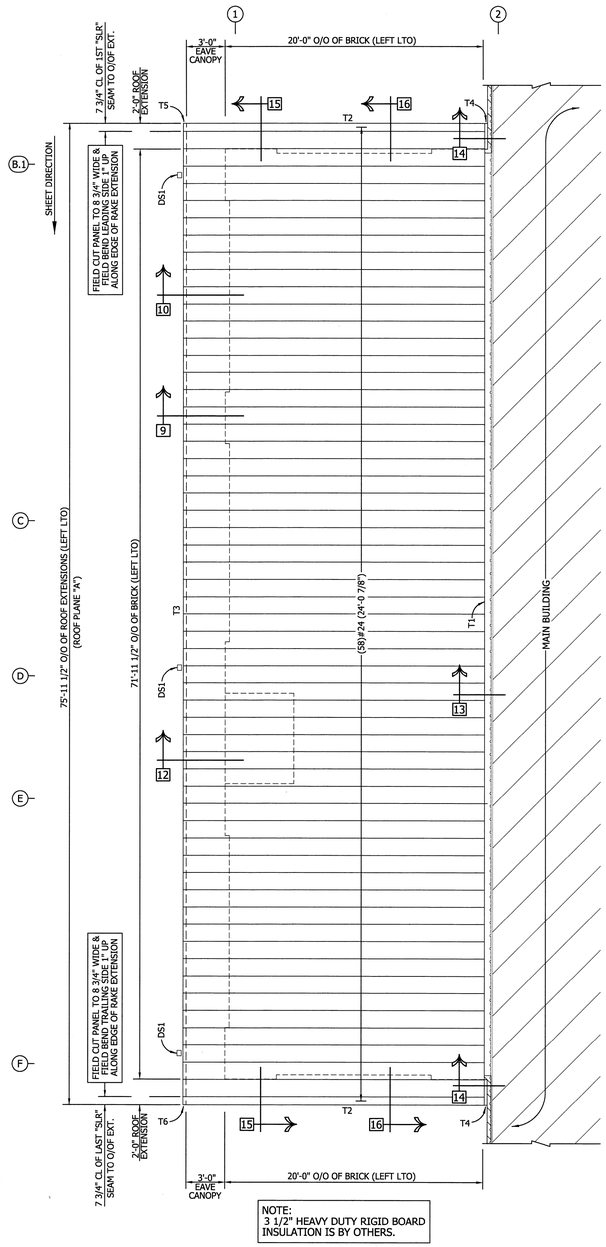
Oper. Code:1=SQ,SQ
Finish:A=AEP
Color:ZN=Cool Zinc Grey

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(7.6)ARWF103,(8)EST102,(58)SLRC2, (4)GAB1340	Cool Zinc Grey	SECTIONS 13 & 14
T2	(1)CRK16,(1)CRK12,(3)RFR10,(3)RSC10 (2)TRMX101,(2.5)GAGX104	Cool Zinc Grey	SECTIONS 15 & 16,RC38GB
T3	(3)AEG203,(1)AEG163,(30)ASTR1, (5)TRMX102,(8)GAGX105,(8)GAGX106	Cool Zinc Grey	SECTIONS 9,10 & 12,,RC38GF
T4	(1)GMCC	Cool Zinc Grey	RC50X3
T5	(1)AGC3L,(1)APRF,(1)GMCC	Cool Zinc Grey	RC38A7,RC38GG
T6	(1)AGC3R,(1)APRF,(1)GMCC	Cool Zinc Grey	RC38A7,RC38GG



DOWNSPOUT LAYOUT (DS1)
4" X 5" COOL ZINC GREY, (3) REQUIRED



NOTE:
3 1/2" HEAVY DUTY RIGID BOARD INSULATION IS BY OTHERS.

NOTE:
DO NOT ALLOW RIGID BOARD SPLICES TO FALL AT THE SEAMS OF THE "SLR" PANELS.



FOR CONSTRUCTION

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
2. ROOF SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM, REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.
3. PANELS SHOWN WITH A LENGTH LESS THAN 1-0, 5-0 FOR SSR, MAY HAVE TO BE FIELD CUT.
4. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.

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Shape Name = Left LT

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(LEFT LTO) ROOF COVERING PLAN

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	46 OF 80

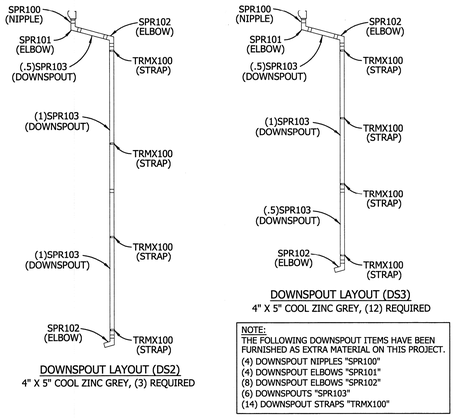
COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#11	133	SLR2	22	2	A	ZN
#1	75	SLR2	22	1	A	ZN
#12	39	SLR2	22	1	A	ZN
#13	19	SLR2	22	1	A	ZN
#14	19	SLR2	22	2	A	ZN
#16	56	SLR2	22	1	A	ZN
#10	133	SLR2	22	2	A	ZN
#15	96	SLR2	22	1	A	ZN
#17	2	SLR2	22	2	A	ZN } EXTRA PANELS (45'-10 7/8" LONG)
#18	2	SLR2	22	1	A	ZN } EXTRA PANELS (45'-2 5/8" LONG)

Oper. Code:2=SW,SQ
Oper. Code:1=SQ,SQ
Finish:A=AEP
Color:ZN=Cool Zinc Grey

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(1)AEG163,(7)ASTR1,(1)TRMX102, (1.5)GAGX105,(1.5)GAGX106	Cool Zinc Grey	SECTIONS 9 & 11,RC11X6
T2	(2)AEG203,(1)AEG123,(21)ASTR1,(3.25)TRMX102, (5.25)GAGX105,(5.25)GAGX106	Cool Zinc Grey	SECTIONS 9 & 18,RC11X6,RC38GF
T3	(4)AEG203,(1)AEG123,(34)ASTR1,(5.5)TRMX102, (8.75)GAGX105,(8.75)GAGX106	Cool Zinc Grey	SECTIONS 9 & 11,RC11X6,RC38GF
T4	(1)AEG163,(1)AEG123,(11)ASTR1,(2)TRMX102, (2.5)GAGX105,(2.5)GAGX106	Cool Zinc Grey	SECTIONS 9 & 11,RC11X6,RC38GF
T5	(1)CRK12,(2)RFR10,(2)RSC10,(1)TRMX101, (1.25)GAGX104	Cool Zinc Grey	SECTIONS 15 & 17
T6	(2)CRK12,(3)RFR10,(3)RSC10,(1.5)TRMX101, (2.25)GAGX104	Cool Zinc Grey	SECTIONS 15 & 16,RC38GB
T7	(2)CRK20,(1)CRK12,(5)RFR10,(5)RSC10, (3.25)TRMX101,(5)GAGX104	Cool Zinc Grey	SECTIONS 15 & 16,RC38GB
T8	(17.6)ARC152,(36)EST102,(266)SLRC2	Cool Zinc Grey	RC12X1,RC34X3
T9	(3)CRK20,(1)CRK12,(8)RFR10,(8)RSC10, (4.5)TRMX101,(7.25)GAGX104	Cool Zinc Grey	SECTIONS 15 & 16,RC38GB
T10	(1)AGC3L,(1)APRF,(1)GMCC	Cool Zinc Grey	RC38A7,RC38GG
T11	(1)AGC3R,(1)APRF,(1)GMCC	Cool Zinc Grey	RC38A7,RC38GG
T12	(1)AGC3R,(1)APRF,(1)80539	Cool Zinc Grey	RC38GG } FIELD WORK HI-SIDE OF RAKE FLASHING TO ROOF TRANSITION
T13	(1)AGC3L,(1)APRF,(1)80539	Cool Zinc Grey	RC38GG
T14	(1)SPB3	Cool Zinc Grey	RC34G4
T15	(3)CRK20,(1)CRK16,(8)RFR10,(8)RSC10, (5)TRMX101,(7.5)GAGX104	Cool Zinc Grey	SECTIONS 15 & 16,RC38GB
T16	(6)AEG203,(1)AEG123,(50)ASTR1,(8)TRMX102, (13)GAGX105,(13)GAGX106	Cool Zinc Grey	SECTIONS 9 & 10,RC11X6,RC38GF
T17	(1)CRK20,(2)RFR10,(2)RSC10, (1.25)TRMX101,(1.75)GAGX104	Cool Zinc Grey	SECTIONS 15 & 16,RC38GB
T18	(3)AEG203,(1)AEG163,(30)ASTR1,(5)TRMX102, (7.5)GAGX105,(7.5)GAGX106	Cool Zinc Grey	SECTIONS 9 & 11,RC11X6,RC38GF
T19	(1)CRK16,(1)CRK12,(3)RFR10,(3)RSC10, (1.75)TRMX101,(2.75)GAGX104	Cool Zinc Grey	SECTIONS 15 & 16,RC38GB
T20	(1)CRK20,(1)CRK12,(4)RFR10,(4)RSC10, (2)TRMX101,(3.25)GAGX104	Cool Zinc Grey	SECTION 16,RC38GB



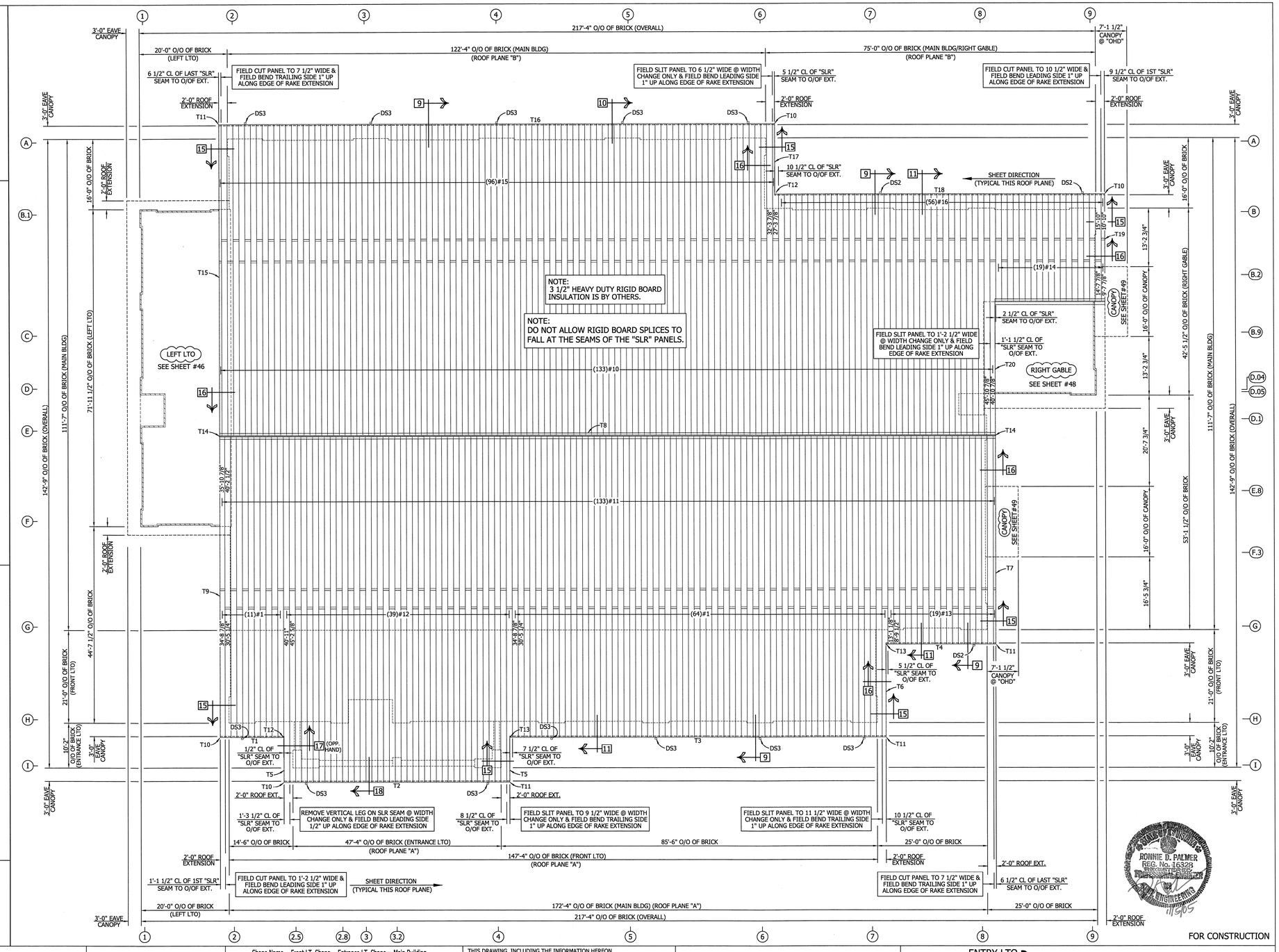
DOWNSPOUT LAYOUT (DS2)
4" X 5" COOL ZINC GREY, (3) REQUIRED

DOWNSPOUT LAYOUT (DS3)
4" X 5" COOL ZINC GREY, (12) REQUIRED

NOTE:
THE FOLLOWING DOWNSPOUT ITEMS HAVE BEEN FURNISHED AS EXTRA MATERIAL ON THIS PROJECT.
(4) DOWNSPOUT NIPPLES "SPR100"
(4) DOWNSPOUT ELBOWS "SPR101"
(8) DOWNSPOUT ELBOWS "SPR102"
(6) DOWNSPOUTS "SPR103"
(14) DOWNSPOUT STRAPS "TRMX100"

ACCESSORY SCHEDULE:

Qty	Part	Detail
(3)	DEKTITE KIT #3, 1/4" - 4"	RA14D1
(1)	DEKTITE KIT #5, 4" - 7" (HIGH TEMPERATURE)	RA14D1
(2-BAGS)	FIELD REPAIR FASTENER (#55308, #17-14 X 1" S.S. ROOF FASTENER)	



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4. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.

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Shape Name = Front LT, Shape = Entrance LT, Shape = Main Building

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

ENTRY LTO, FRONT LTO, MAIN BLDG } ROOF COVERING PLAN

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#25	21	SLR2	22	1	A	ZN

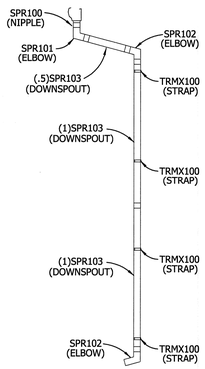
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Finish:A=AEP

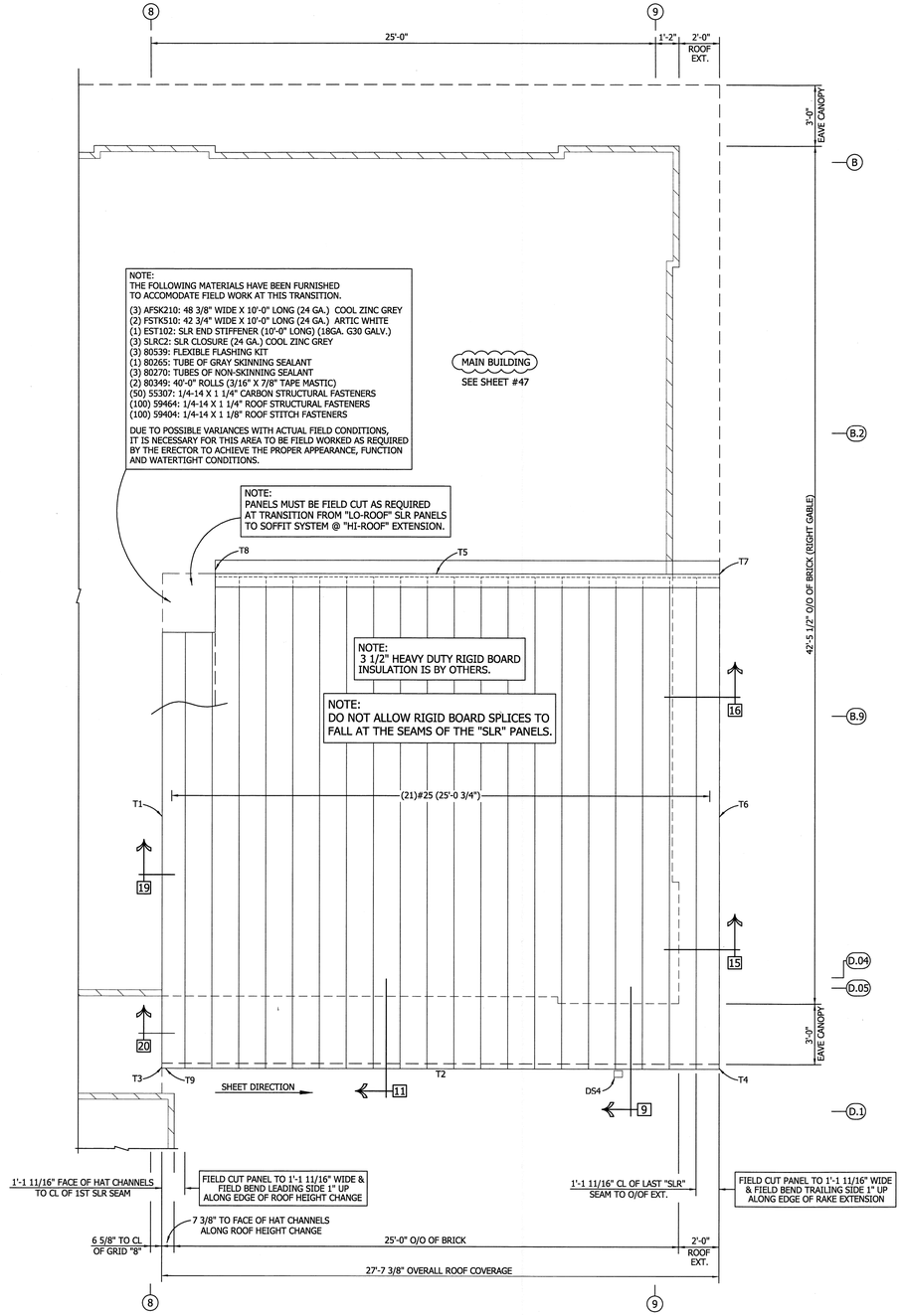
Color:ZN=Cool Zinc Grey

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(2.5)ABWT110,(2.5)ARHC010,(2)BWA0207, (3)RFR10,(3)RHS10,(2.75)GAGX107,(10)PCIL76	Cool Zinc Grey	SECTIONS 19 & 20
T2	(1)AEG163,(1)AEG123,(12)ASTR1, (2)TRMX102,(3)GAGX105,(3)GAGX106	Cool Zinc Grey	SECTIONS 9 & 11,RC11X6,RC38GF
T3	(1)AHCP0L	Cool Zinc Grey	RC52X6
T4	(1)AGC3R,(1)APRF,(1)GMCC	Cool Zinc Grey	RC38A7,RC38GG
T5	(3)ARC152,(6)EST102,(40)SLRC2	Cool Zinc Grey	RC12X1,RC34X3
T6	(1)CRK16,(1)CRK12,(3)RFR10,(3)RSC10 (1.75)TRMX101,(2.75)GAGX104	Cool Zinc Grey	SECTIONS 15 & 16,RC38GB
T7	(1)SPB3	Cool Zinc Grey	RC34G4
T8	(1)80539 (FLEXIBLE FLASHING KIT) (IF REQUIRED)	Standard	RC52E3(SIM),RC52E5(SIM),RC53E4(SIM)-FIELD WORK AS REQ'D
T9	(1)AGC3L	Cool Zinc Grey	RC38GG



DOWNSPOUT LAYOUT (DS4)
4" X 5" COOL ZINC GREY, (1) REQUIRED



RONNIE D. PALMER
REG. No. 16329
REGISTERED
PROFESSIONAL ENGINEER
VP BUILDINGS ENGINEERING
11/5/09

FOR CONSTRUCTION

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
2. ROOF SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM, REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.
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Shape Name = Right Gable

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(RIGHT GABLE) ROOF COVERING PLAN

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	48 OF 80

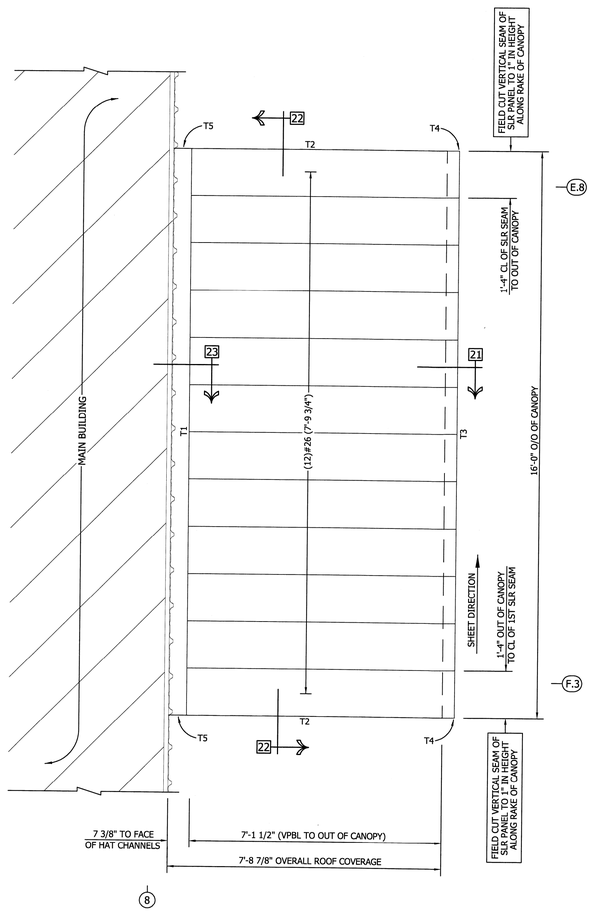
COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#26	12	SLR2	22	1	A	ZN

Oper. Code:1=SQ,SQ
Finish:A=AEP
Color:ZN=Cool Zinc Grey

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(1.6)ARWF103,(2)EST102,(12)SLRC2	Cool Zinc Grey	SECTION 23
T2	(1)CRK12,(1)RFR10,(1)RSB10,(1)RSC10, (1)TRMX103	Cool Zinc Grey	SECTION 22
T3	(1.6)ASET103,(1.6)GAC1060,(1)EFT203, (2)RFR10,(2)GAD1370	Cool Zinc Grey	SECTION 21,RC11X6(SIM)
T4	(1)APRF,(1)FMCC	Cool Zinc Grey	RC38A6
T5	(1)GMCC	Cool Zinc Grey	RC38A6



Shape Name = Main Building

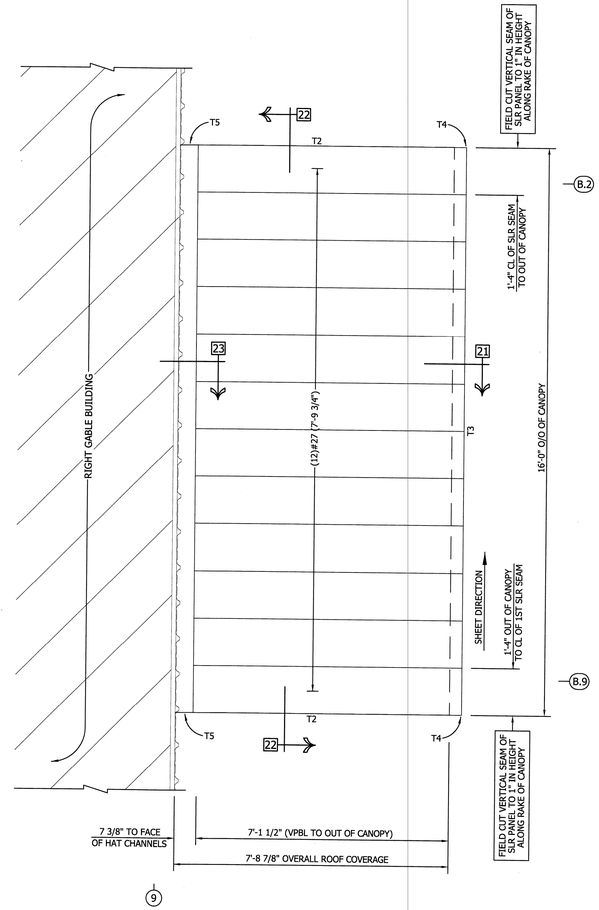
COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#27	12	SLR2	22	1	A	ZN

Oper. Code:1=SQ,SQ
Finish:A=AEP
Color:ZN=Cool Zinc Grey

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(1.6)ARWF103,(2)EST102,(12)SLRC2	Cool Zinc Grey	SECTION 23
T2	(1)CRK12,(1)RFR10,(1)RSB10,(1)RSC10, (1)TRMX103	Cool Zinc Grey	SECTION 22
T3	(1.6)ASET103,(1.6)GAC1060,(1)EFT203, (2)RFR10,(2)GAD1370	Cool Zinc Grey	SECTION 21,RC11X6(SIM)
T4	(1)APRF,(1)FMCC	Cool Zinc Grey	RC38A6
T5	(1)GMCC	Cool Zinc Grey	RC38A6



Shape Name = Right Gable

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FOR CONSTRUCTION

VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

MAIN BLDG & RIGHT GABLE } CANOPY ROOF COVERING PLANS

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	49 OF 80

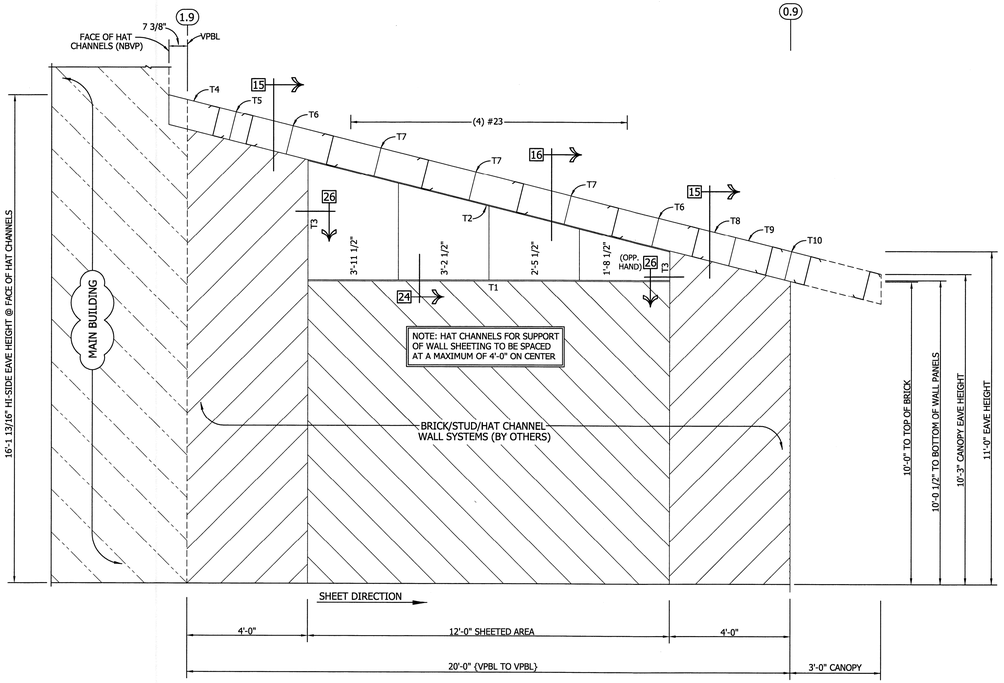
COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#23	4	PR	22	D	K	AW

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

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(4)80130,(1.25)TRMX104	Artic White	SECTION 24
T2	(4)PCPR76,(1.5)LTC10	Artic White	SECTION 16
T3	(1)MWT05	Artic White	SECTION 26
T4	(1)CLR2000R	Artic White	RC80A3
T5	(2)CLR0111R	Artic White	RC80A3
T6	(2)CLR1086R	Artic White	RC80A3
T7	(2)CLR1116R	Artic White	RC80A3
T8	(1)CLR1073R	Artic White	RC80A3
T9	(1)CLR1073L	Artic White	RC80A3
T10	(2)CLR1101L	Artic White	RC80A3



COVERING ELEVATION AT LINE "A.9"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

Shape Name = Left LT, Wall = 1

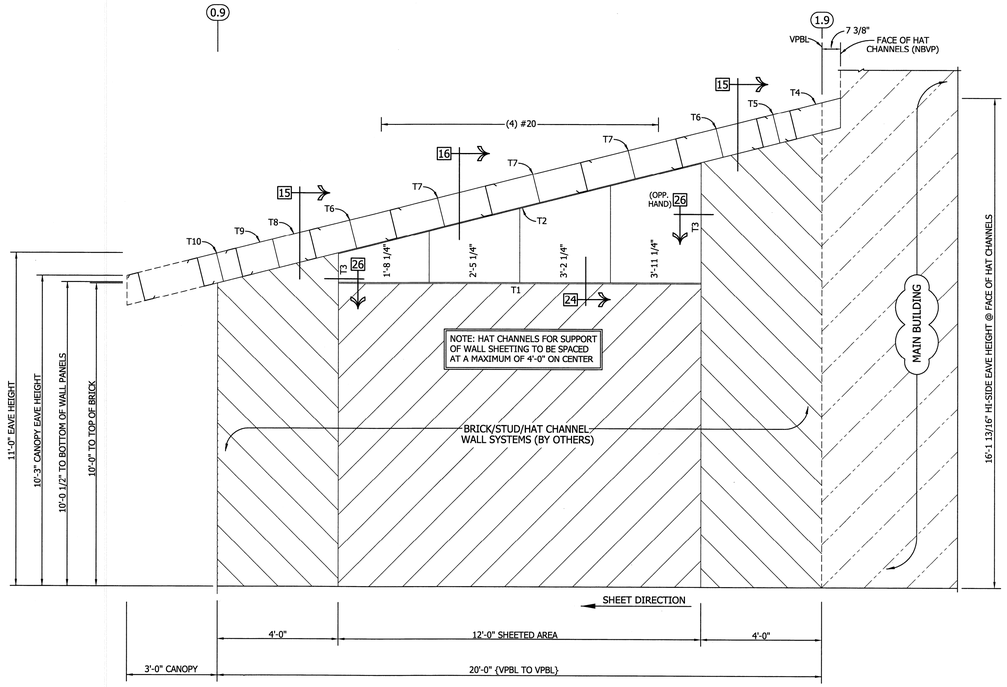
COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#20	4	PR	22	C	K	AW

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

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(4)80130,(1.25)TRMX104	Artic White	SECTION 24
T2	(4)PCPL76,(1.5)LTC10	Artic White	SECTION 16
T3	(1)MWT05	Artic White	SECTION 26
T4	(1)CLR2000L	Artic White	RC80A3
T5	(2)CLR0111L	Artic White	RC80A3
T6	(2)CLR1086L	Artic White	RC80A3
T7	(2)CLR1116L	Artic White	RC80A3
T8	(1)CLR1073L	Artic White	RC80A3
T9	(1)CLR1073R	Artic White	RC80A3
T10	(2)CLR1101R	Artic White	RC80A3



COVERING ELEVATION AT LINE "F.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

Shape Name = Left LT, Wall = 3

RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
11/5/09

FOR CONSTRUCTION

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(LEFT LTO) COVERING ELEVATIONS @ "A.9" & "F.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
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COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color	
#38	7	PR	22	D	K	AW	
#53	1	PR	22	1	K	AW	
#52	13	PR	22	D	K	AW	
#45	17	PR	22	C	K	AW	
#56	5	PR	22	C	K	AW	
#32	6	PR	22	1	K	AW	(EXTRA SHEETS, 21'-0" LONG)

Oper. Code:D=SQ,RT
Oper. Code:1=SQ,SQ
Oper. Code:C=SQ,LF
Finish:K=KXL
Color:AW=Arctic White

TRIM SCHEDULE:

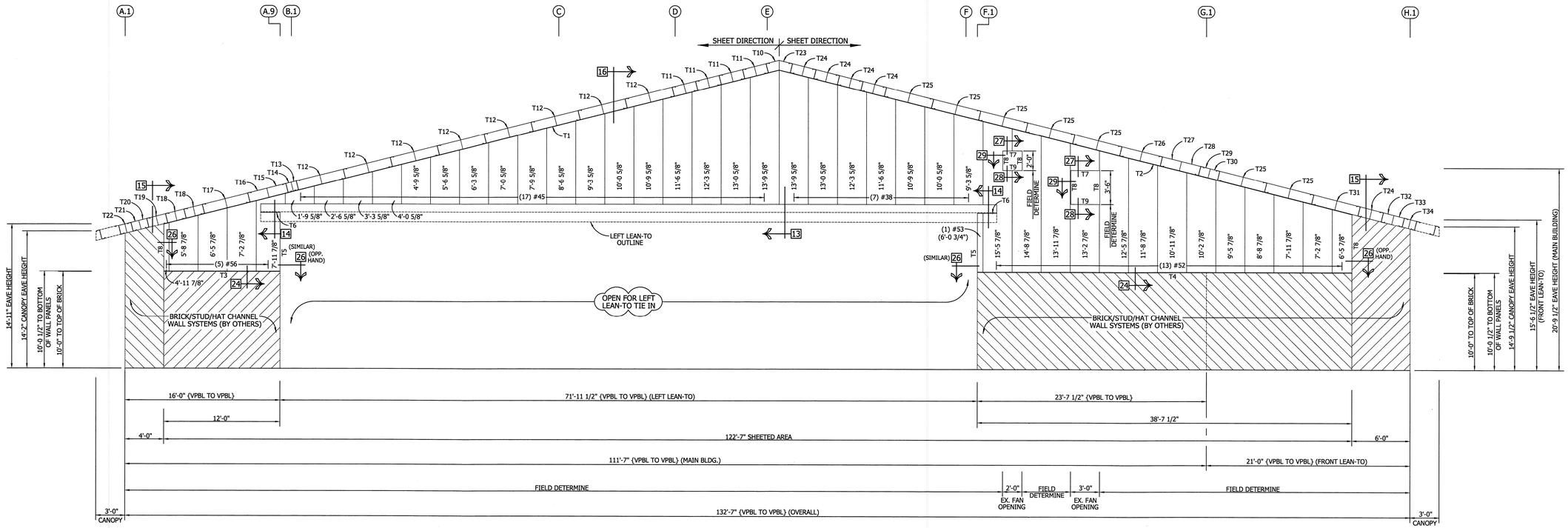
Id	Parts	Color	Details
T1	(22)PCPL76,(7)LTC10	Artic White	SECTION 16
T2	(20)PCPR76,(7)LTC10	Artic White	SECTION 16
T3	(5)80130,(1.25)TRMX104	Artic White	SECTION 24
T4	(14)80130,(4)TRMX104	Artic White	SECTION 24
T5	(1)MWT10	Artic White	SECTION 26(SIM)
T6	(1)80140 W/80390 MASTIC	Standard	SECTION 14
T7	(1)HTS05	Artic White	SECTION 27
T8	(1)MWT05	Artic White	SECTION 26 "OR" 29
T9	(1)HT05 "OR" (1)TRMX107	Artic White	SECTION 28
T10	(1)CLR1091L	Artic White	RC80A2
T11	(2)CLR1072L	Artic White	RC80A3

TRIM SCHEDULE CONT'D:

Id	Parts	Color	Details
T12	(2)CLR2102L	Artic White	RC80A3
T13	(1)CLR0107L	Artic White	RC80A3
T14	(1)CLR0107R	Artic White	RC80A3
T15	(1)CLR2050R	Artic White	RC80A3
T16	(1)CLR2050L	Artic White	RC80A3
T17	(2)CLR2092L	Artic White	RC80A3
T18	(2)CLR1040L	Artic White	RC80A3
T19	(2)CLR1042L	Artic White	RC80A3
T20	(1)CLR1023L	Artic White	RC80A3
T21	(1)CLR1023R	Artic White	RC80A3
T22	(2)CLR1001R	Artic White	RC80A3

TRIM SCHEDULE CONT'D:

Id	Parts	Color	Details
T23	(1)CLR1091R	Artic White	RC80A2
T24	(2)CLR1072R	Artic White	RC80A3
T25	(2)CLR2102R	Artic White	RC80A3
T26	(2)CLR2061R	Artic White	RC80A3
T27	(1)CLR2046R	Artic White	RC80A3
T28	(1)CLR2046L	Artic White	RC80A3
T29	(1)CLR1043L	Artic White	RC80A3
T30	(1)CLR1043R	Artic White	RC80A3
T31	(2)CLR2097R	Artic White	RC80A3
T32	(1)CLR1055R	Artic White	RC80A3
T33	(1)CLR1055L	Artic White	RC80A3
T34	(2)CLR1001L	Artic White	RC80A3



COVERING ELEVATION AT LINE "1.9"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

NOTE: HAT CHANNELS FOR SUPPORT OF WALL SHEETING TO BE SPACED AT A MAXIMUM OF 4'-0" ON CENTER

RONNIE D. PALMER
REG. No. 16328
PROFESSIONAL ENGINEER
11/5/09

FOR CONSTRUCTION

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
2. ROOF SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM, REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.
3. PANELS SHOWN WITH A LENGTH LESS THAN 1-0, 5-0 FOR SSR, MAY HAVE TO BE FIELD CUT.
4. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.

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Shape Name = Main Building, Wall = 1 , Shape Name = Front LT, Wall = 1

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRONT LT, MAIN BLDG } COVERING ELEVATION @ "1.9"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	51 OF 80

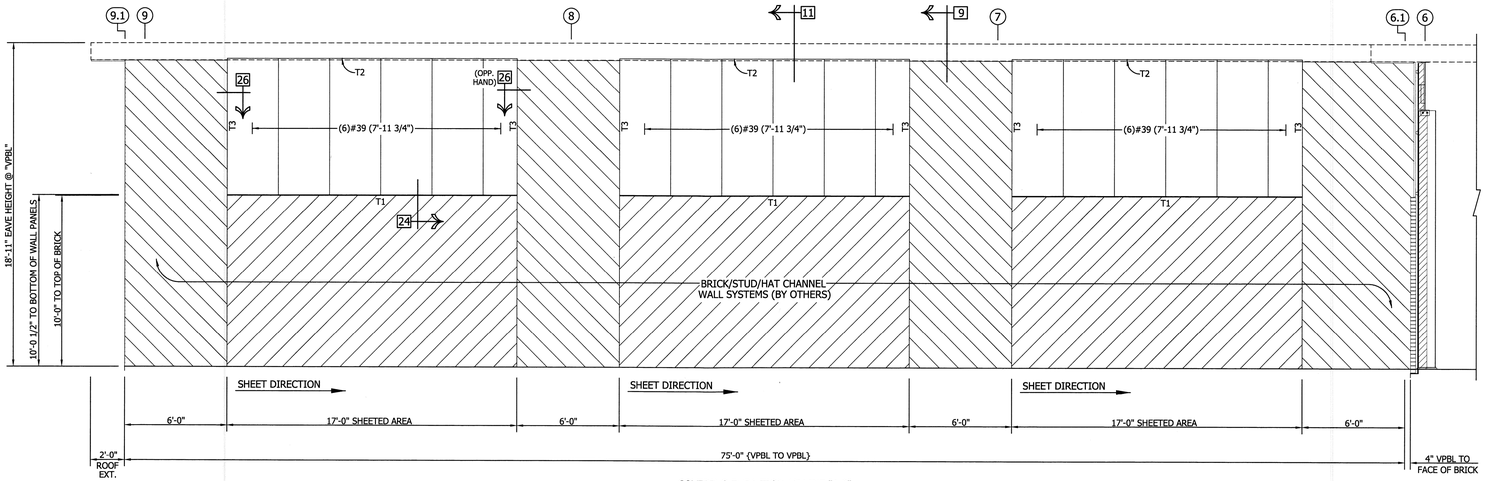
COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#39	18	PR	22	1	K	AW

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

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(6)80130,(2)TRMX104	Artic White	SECTION 24
T2	(6)80140,(2)LTC10	Artic White	SECTION 11
T3	(1)MWT10	Artic White	SECTION 26



COVERING ELEVATION AT LINE "A.9"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

NOTE: HAT CHANNELS FOR SUPPORT OF WALL SHEETING TO BE SPACED AT A MAXIMUM OF 4'-0" ON CENTER

Shape Name = Right Gable, Wall = 2 , Shape Name = Main Building, Wall = 4

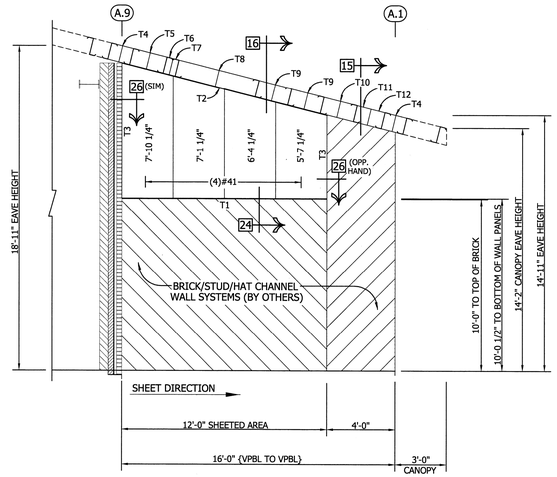
COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#41	4	PR	22	D	K	AW

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

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(4)80130,(1.25)TRMX104	Artic White	SECTION 24
T2	(4)PCPR76,(1.5)LTC10	Artic White	SECTION 16
T3	(1)MWT10	Artic White	SECTION 26
T4	(2)CLR1001L	Artic White	RC80A3
T5	(2)CLR1043L	Artic White	RC80A3
T6	(1)CLR0075L	Artic White	RC80A3
T7	(1)CLR0075R	Artic White	RC80A3
T8	(2)CLR2092R	Artic White	RC80A3
T9	(2)CLR1040R	Artic White	RC80A3
T10	(2)CLR1042R	Artic White	RC80A3
T11	(1)CLR1023R	Artic White	RC80A3
T12	(1)CLR1023L	Artic White	RC80A3



COVERING ELEVATION AT LINE "6.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

NOTE: HAT CHANNELS FOR SUPPORT OF WALL SHEETING TO BE SPACED AT A MAXIMUM OF 4'-0" ON CENTER

Shape Name = Main Building, Wall = 3

STATE OF LOUISIANA
RONNIE D. PALMER
REG. No. 35328
REGISTERED
PROFESSIONAL ENGINEER
AGRI-ENGINEERING
11/5/09

FOR CONSTRUCTION

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
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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

MAIN BLDG & RIGHT GABLE } COVERING ELEVATIONS @ "A.9" & "6.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	52 OF 80

COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#40	2	PR	22	1	K	AW
#42	2	PR	22	D	K	AW
#43	4	PR	22	D	K	AW
#35	2	PR	22	1	K	AW
#44	2	PR	22	C	K	AW
#48	4	PR	22	C	K	AW
#34	2	PR	22	1	K	AW

Oper. Code:1=SQ,SQ
Oper. Code:D=SQ,RT
Oper. Code:C=SQ,LF
Finish:K=KXL
Color:AW=Arctic White

TRIM SCHEDULE:

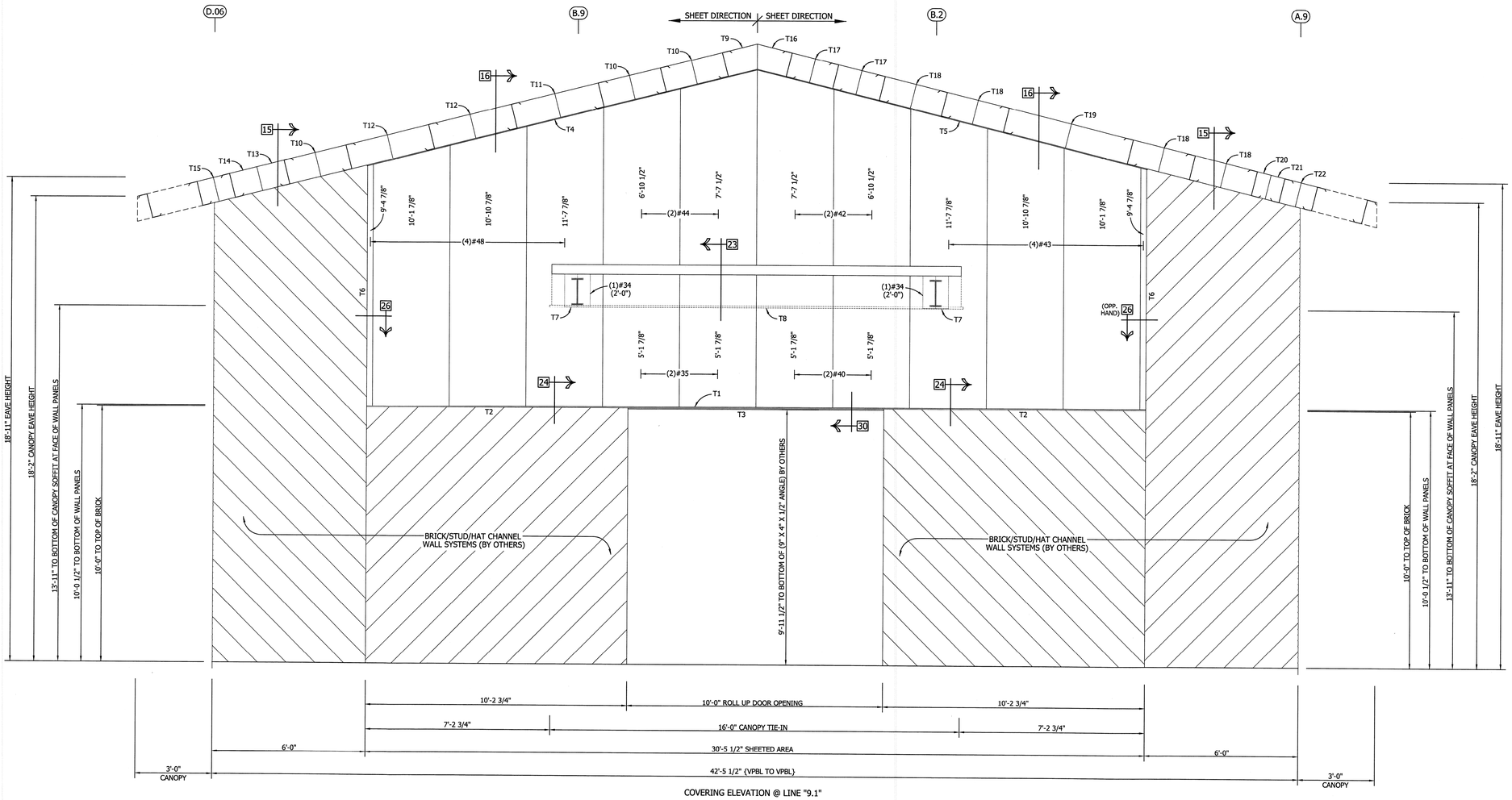
Id	Parts	Color	Details
T1	(12)80130	Standard	SECTIONS 24 & 30
T2	(1.5)TRMX104	Artic White	SECTION 24
T3	(1.5)TRMX106,(1.5)FDT10	Artic White	SECTION 30
T4	(6)PCPL76,(2)LTC10	Artic White	SECTION 16
T5	(6)PCPR76,(2)LTC10	Artic White	SECTION 16
T6	(1)MWT10	Artic White	SECTION 26
T7	BA1 (FIELD CUT AS REQ'D)	Galvanized	WC82A1
T8	(6)80140 W/80390 MASTIC	Standard	SECTION 23

TRIM SCHEDULE CONT'D:

Id	Parts	Color	Details
T9	(1)CLR1091L	Artic White	RC80A2
T10	(2)CLR1072L	Artic White	RC80A3
T11	(2)CLR2012L	Artic White	RC80A3
T12	(2)CLR2002L	Artic White	RC80A3
T13	(1)CLR1055L	Artic White	RC80A3
T14	(1)CLR1055R	Artic White	RC80A3
T15	(2)CLR1001R	Artic White	RC80A3
T16	(1)CLR1091R	Artic White	RC80A2

TRIM SCHEDULE CONT'D:

Id	Parts	Color	Details
T17	(2)CLR1036R	Artic White	RC80A3
T18	(2)CLR1072R	Artic White	RC80A3
T19	(2)CLR2102R	Artic White	RC80A3
T20	(1)CLR0107R	Artic White	RC80A3
T21	(1)CLR0107L	Artic White	RC80A3
T22	(2)CLR1001L	Artic White	RC80A3



COVERING ELEVATION @ LINE "9.1"

NOTE: HAT CHANNELS FOR SUPPORT OF WALL SHEETING TO BE SPACED AT A MAXIMUM OF 4'-0" ON CENTER

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

STATE OF LOUISIANA
RONNIE D. PALMER
REG. No. 15328
REGISTERED PROFESSIONAL ENGINEER
VP BUILDINGS
4/9/09

FOR CONSTRUCTION

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
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Shape Name = Right Gable, Wall = 3

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(RIGHT GABLE) COVERING ELEVATION @ "9.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	53 OF 80

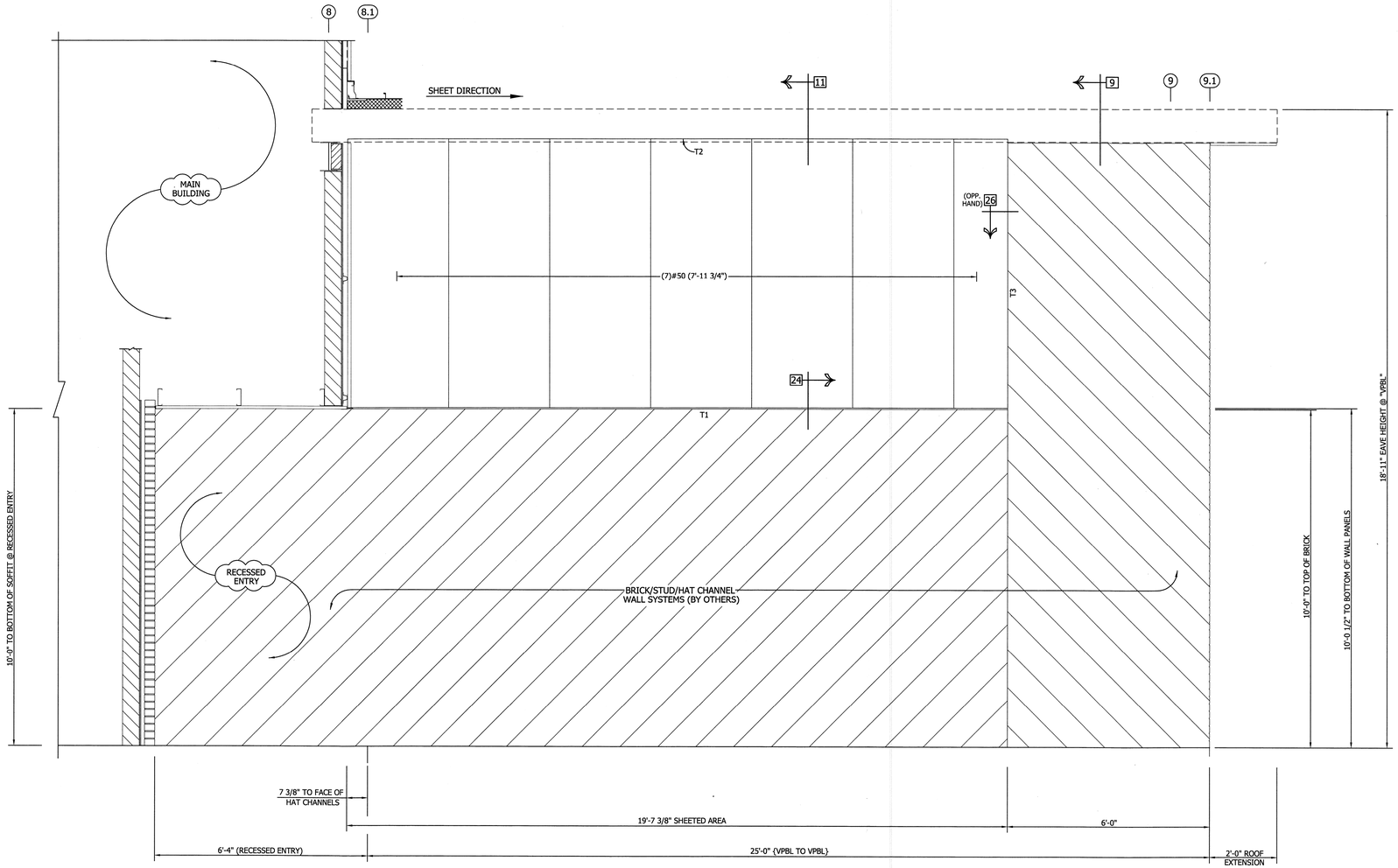
COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#50	7	PR	22	1	K	AW

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

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(7)80130,(2)TRMX104	Artic White	SECTION 24
T2	(7)80140,(2)LTC10	Artic White	SECTION 11
T3	(1)MWT10	Artic White	SECTION 26



COVERING ELEVATION AT LINE "D.06"

NOTE: HAT CHANNELS FOR SUPPORT OF WALL SHEETING TO BE SPACED AT A MAXIMUM OF 4'-0" ON CENTER

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
STATE OF LOUISIANA
11/5/09

FOR CONSTRUCTION

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Shape Name = Right Gable, Wall = 4

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(RIGHT GABLE) COVERING ELEVATION @ "D.06"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	54 OF 80

COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#4	2	PR	22	D	K	AW
#58	2	PR	22	C	K	AW
#57	7	PR	22	R	K	AW
#59	4	PR	22	C	K	AW
#60	5	PR	22	C	K	AW
#61	5	PR	22	1	K	AW
#62	4	PR	22	C	K	AW
#34	2	PR	22	1	K	AW

Oper. Code:D=SQ,RT
Oper. Code:C=SQ,LF
Oper. Code:R=LF,RT
Oper. Code:1=SQ,SQ
Finish:K=KXL
Color:AW=Arctic White

TRIM SCHEDULE:

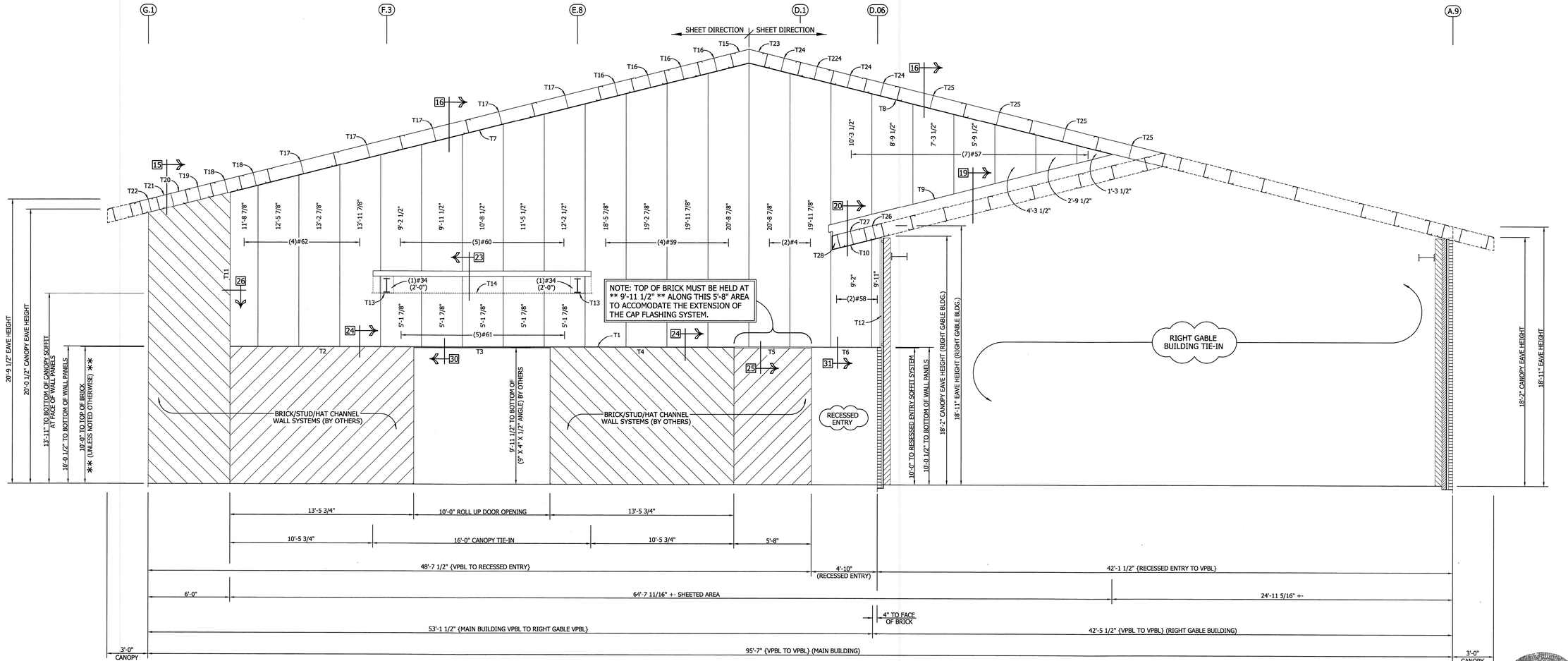
Id	Parts	Color	Details
T1	(17)80130	Standard	SECTIONS 24,25,30 & 31
T2	(2)TRMX104	Artic White	SECTION 24
T3	(1.5)TRMX106,(1.5)FDT10	Artic White	SECTION 30
T4	(2)TRMX104	Artic White	SECTION 24
T5	(1)TRMX105	Artic White	SECTION 25
T6	(1)FDT10	Artic White	SECTION 31
T7	(13)PCPL76,(4)LTC10	Artic White	SECTION 16
T8	(9)PCPR76,(3)LTC10	Artic White	SECTION 16
T9	(8)PCIL76	Standard	SECTION 19
T10	(2)PCPL76,(.5)LTC10	Artic White	SECTION 20

TRIM SCHEDULE CONT'D:

Id	Parts	Color	Details
T11	(1.5)MWT10	Artic White	SECTION 26
T12	(1)ICF10	Artic White	WC21A1
T13	BA1 (FIELD CUT AS REQ'D)	Galvanized	WC82A1
T14	(6)80140 W/80390 MASTIC	Standard	SECTION 23
T15	(1)CLR1091L	Artic White	RC80A2
T16	(2)CLR1072L	Artic White	RC80A3
T17	(2)CLR2102L	Artic White	RC80A3
T18	(2)CLR1052L	Artic White	RC80A3
T19	(2)CLR1036L	Artic White	RC80A3
T20	(1)CLR1052L	Artic White	RC80A3

TRIM SCHEDULE CONT'D:

Id	Parts	Color	Details
T21	(1)CLR1052R	Artic White	RC80A3
T22	(2)CLR0117R	Artic White	RC80A3
T23	(1)CLR1091R	Artic White	RC80A2
T24	(2)CLR1072R	Artic White	RC80A3
T25	(2)CLR2102R	Artic White	RC80A3
T26	(2)CLR1001R	Artic White	RC80A3
T27	(2)CLR1043R	Artic White	RC80A3
T28	(1)CLR0106R	Artic White	RC80X1



COVERING ELEVATION @ LINE "8.1"

NOTE: HAT CHANNELS FOR SUPPORT OF WALL SHEETING TO BE SPACED AT A MAXIMUM OF 4'-0" ON CENTER

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

RONNIE D. PALMER
REG. No. 16328
PROFESSIONAL ENGINEER
11/4/09

FOR CONSTRUCTION

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Shape Name = Main Building, Wall = 5

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(MAIN BLDG) COVERING ELEVATION @ "8.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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PAGE	55 OF 80

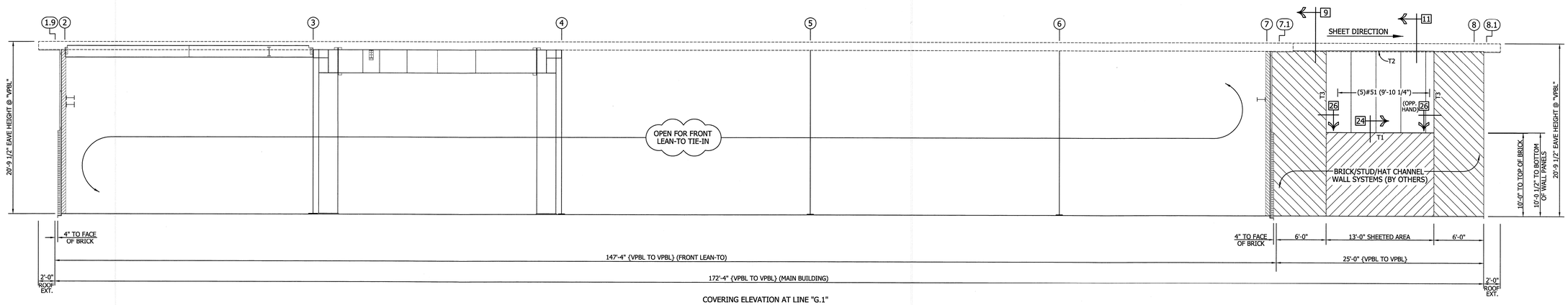
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Id	Qty	Type	Gage	OP	Fin.	Color
#51	5	PR	22	1	K	AW

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

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(5)80130,(1.5)TRMX104	Artic White	SECTION 24
T2	(5)80140,(1.5)LTC10	Artic White	SECTION 11
T3	(1)MWT10	Artic White	SECTION 26



COVERING ELEVATION AT LINE "G.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

NOTE: HAT CHANNELS FOR SUPPORT OF WALL SHEETING TO BE SPACED AT A MAXIMUM OF 4'-0" ON CENTER

RONNIE D. PALMER
REG. No. 16328
PROFESSIONAL ENGINEER
VP ENGINEERING
11/5/09

FOR CONSTRUCTION

1. 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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3. PANELS SHOWN WITH A LENGTH LESS THAN 1-0, 5-0 FOR SSR, MAY HAVE TO BE FIELD CUT.
4. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.

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Shape Name = Main Building, Wall = 6

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(MAIN BLDG) COVERING ELEVATION @ "G.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#3	5	PR	22	C	K	AW

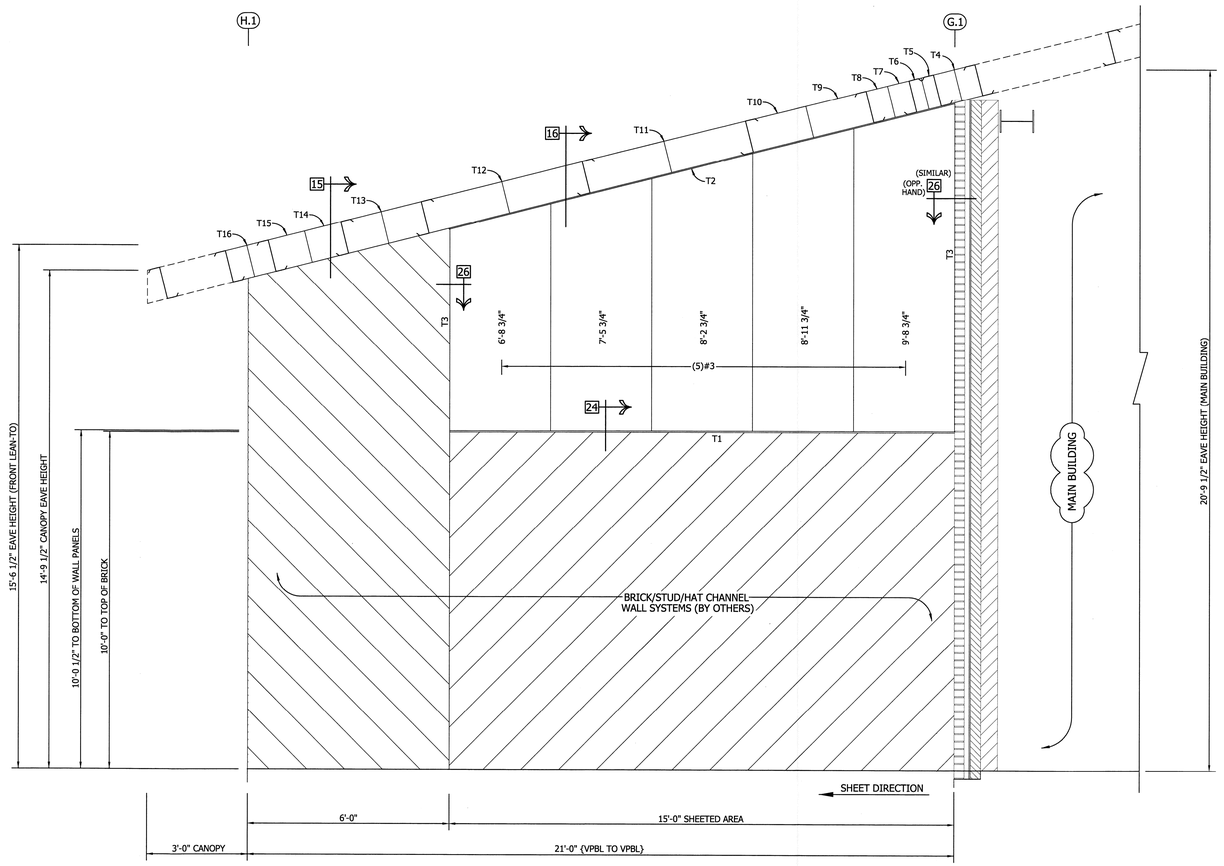
Oper. Code:C=SQ,LF
Finish:K=KXL
Color:AW=Arctic White

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(5)80130,(1.5)TRMX104	Artic White	SECTION 24
T2	(5)PCPL76,(2)LTC10	Artic White	SECTION 16
T3	(1)MWT10	Artic White	SECTION 26
T4	(2)CLR0117R	Artic White	RC30A3
T5	(1)CLR0075R	Artic White	RC30A3
T6	(1)CLR0075L	Artic White	RC30A3
T7	(1)CLR1001L	Artic White	RC30A3
T8	(1)CLR1001R	Artic White	RC30A3

TRIM SCHEDULE CONT'D:

Id	Parts	Color	Details
T9	(1)CLR2023R	Artic White	RC30A3
T10	(1)CLR2023L	Artic White	RC30A3
T11	(2)CLR2102L	Artic White	RC30A3
T12	(2)CLR2097L	Artic White	RC30A3
T13	(2)CLR1072L	Artic White	RC30A3
T14	(1)CLR1055L	Artic White	RC30A3
T15	(1)CLR1055R	Artic White	RC30A3
T16	(2)CLR1001R	Artic White	RC30A3



COVERING ELEVATION AT LINE "7.1"

NOTE: HAT CHANNELS FOR SUPPORT OF WALL SHEETING TO BE SPACED AT A MAXIMUM OF 4'-0" ON CENTER

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

STATE OF TENNESSEE
RONNIE D. PALMER
REG. No. 76328
REGISTERED
PROFESSIONAL
ENGINEER
09 / 15
CIVIL ENGINEERING

FOR CONSTRUCTION

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Shape Name = Front LT, Wall = 3

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(FRONT LEAN-TO) COVERING ELEVATION @ "7.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
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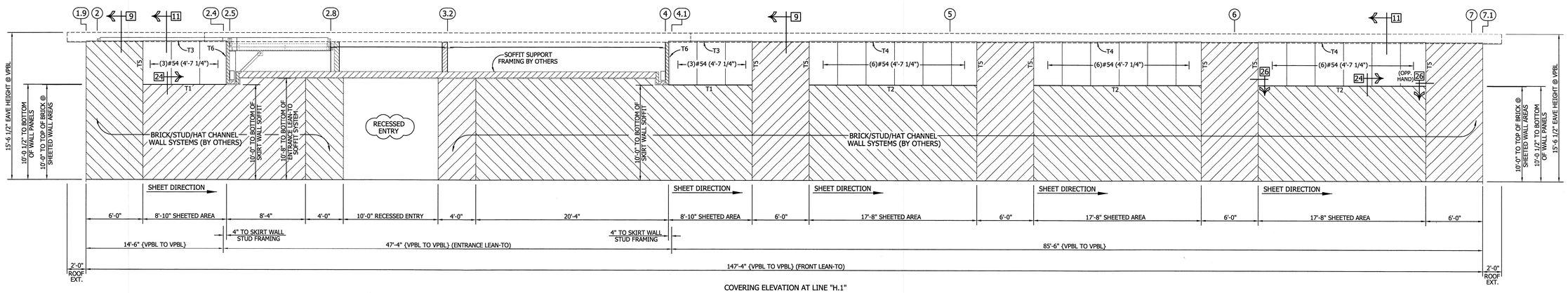
COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
#54	24	PR	22	1	K	AW

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

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(3)80130,(1)TRMX104	Artic White	SECTION 24
T2	(6)80130,(2)TRMX104	Artic White	SECTION 24
T3	(3)80140,(1)LTC10	Artic White	SECTION 11
T4	(6)80140,(2)LTC10	Artic White	SECTION 11
T5	(1)MWT05	Artic White	SECTION 26
T6	(1)ICF05	Artic White	WC21A1



COVERING ELEVATION AT LINE "H.1"

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

NOTE: HAT CHANNELS FOR SUPPORT OF WALL SHEETING TO BE SPACED AT A MAXIMUM OF 4'-0" ON CENTER



FOR CONSTRUCTION

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Shape Name = Front LT, Wall = 4

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(FRONT LEAN-TO) COVERING ELEVATION @ "H.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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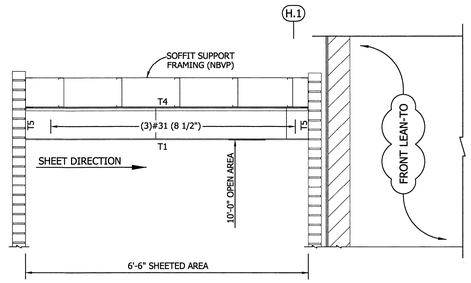
COVERING SCHEDULE:

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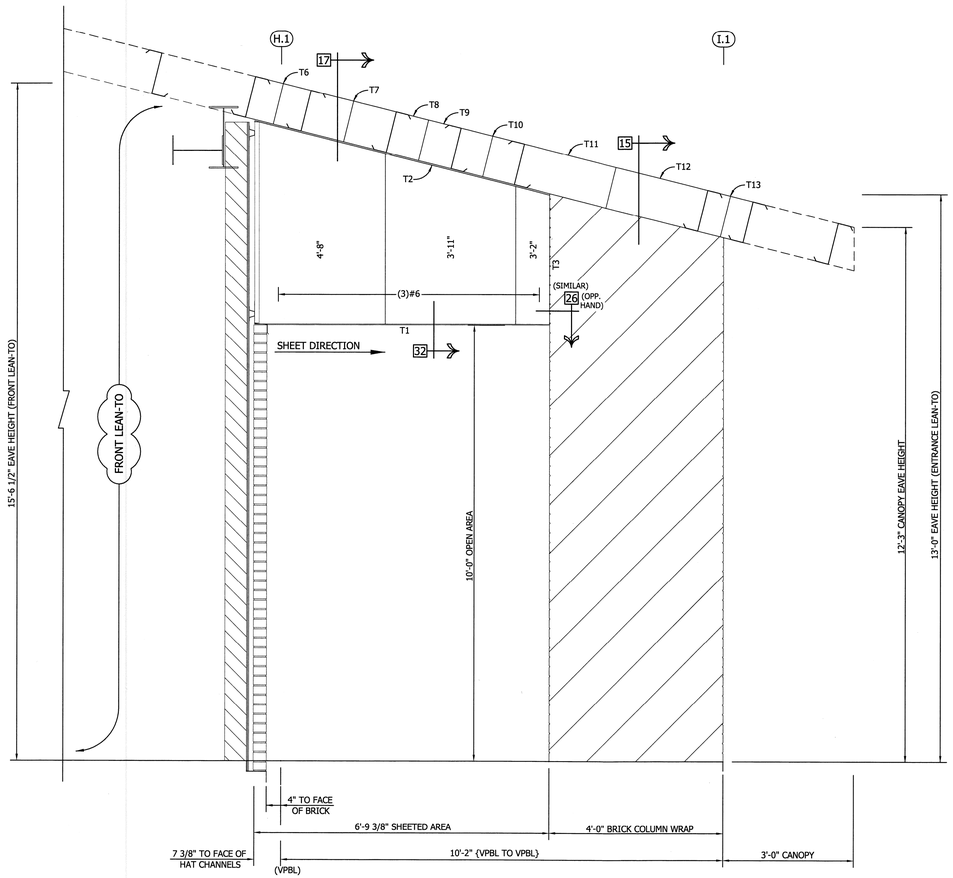
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Oper. Code:1=SQ,SQ
Finish:K=KXL
Color:AW=Arctic White

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(3)80130,(1)FDT10	Artic White	SECTION 32
T2	(3)PCPR76,(1)LTC10	Artic White	SECTION 17
T3	(1)MWT05	Artic White	SECTION 26(SIM)
T4	(3)80140,(1)LTC10	Artic White	SECTION 32
T5	(.25)MWT05	Artic White	SECTION 26(SIM)
T6	(2)CLR1001L	Artic White	RC80A3
T7	(2)CLR1043L	Artic White	RC80A3
T8	(1)CLR1014L	Artic White	RC80A3
T9	(1)CLR1014R	Artic White	RC80A3
T10	(2)CLR1012R	Artic White	RC80A3
T11	(1)CLR2063R	Artic White	RC80A3
T12	(1)CLR2063L	Artic White	RC80A3
T13	(2)CLR0106L	Artic White	RC80A3



LINER ELEVATION @ LINE "2.4"



COVERING ELEVATION @ LINE "2.4"

NOTE: HAT CHANNELS FOR SUPPORT OF WALL SHEETING TO BE SPACED AT A MAXIMUM OF 4'-0" ON CENTER

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

Shape Name = Entrance LT, Wall = 1

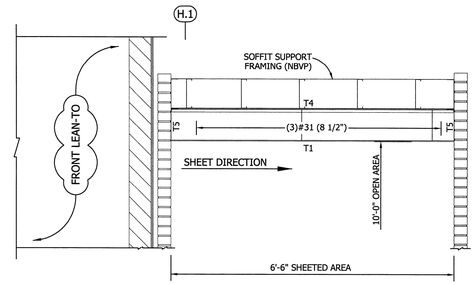
COVERING SCHEDULE:

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#31	3	PR	22	1	K	AW

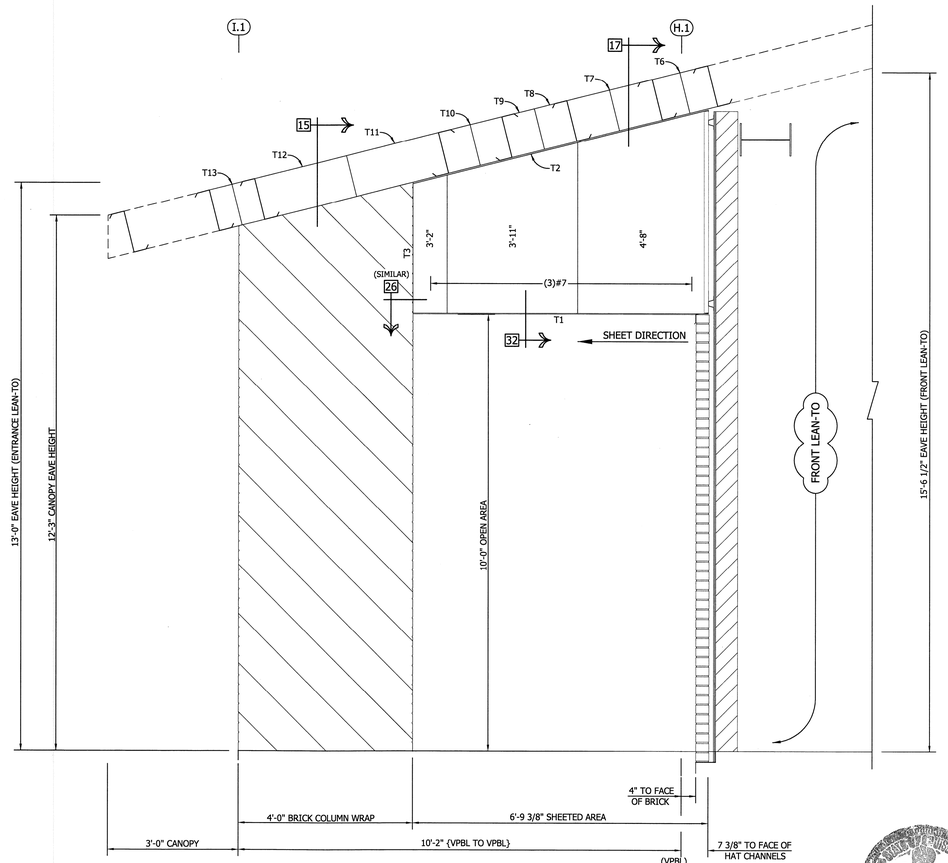
Oper. Code:C=SQ,LF
Oper. Code:1=SQ,SQ
Finish:K=KXL
Color:AW=Arctic White

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(3)80130,(1)FDT10	Artic White	SECTION 32
T2	(3)PCPL76,(1)LTC10	Artic White	SECTION 17
T3	(1)MWT05	Artic White	SECTION 26(SIM)
T4	(3)80140,(1)LTC10	Artic White	SECTION 32
T5	(.25)MWT05	Artic White	SECTION 26(SIM)
T6	(2)CLR1001R	Artic White	RC80A3
T7	(2)CLR1043R	Artic White	RC80A3
T8	(1)CLR1014R	Artic White	RC80A3
T9	(1)CLR1014L	Artic White	RC80A3
T10	(2)CLR1012L	Artic White	RC80A3
T11	(1)CLR2063L	Artic White	RC80A3
T12	(1)CLR2063R	Artic White	RC80A3
T13	(2)CLR0106R	Artic White	RC80A3



LINER ELEVATION @ LINE "4.1"



COVERING ELEVATION AT LINE "4.1"

NOTE: HAT CHANNELS FOR SUPPORT OF WALL SHEETING TO BE SPACED AT A MAXIMUM OF 4'-0" ON CENTER

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

Shape Name = Entrance LT, Wall = 3

RONNIE D. PALMER
REG. No. 16328
PROFESSIONAL ENGINEER
11/5/09

FOR CONSTRUCTION

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Shape Name = Entrance LT Wall 4, Frame 1

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

ENTRY LEAN-TO } COVERING-LINER ELEVATIONS @ "2.4" & "4.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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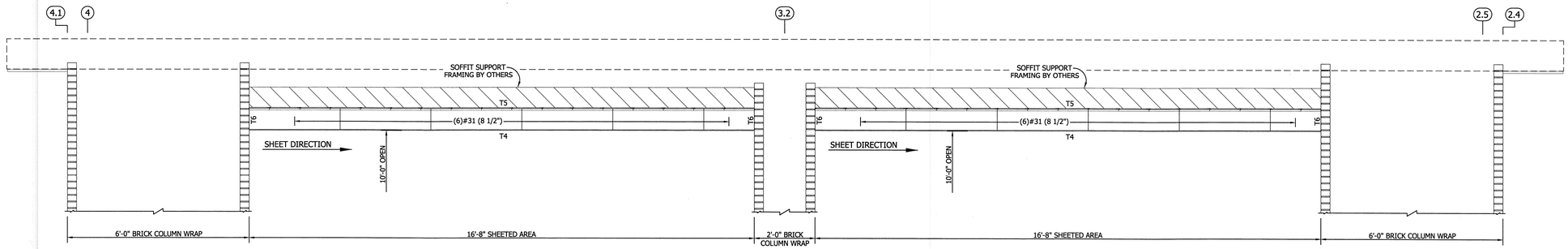
COVERING SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
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#31	12	PR	22	1	K	AW

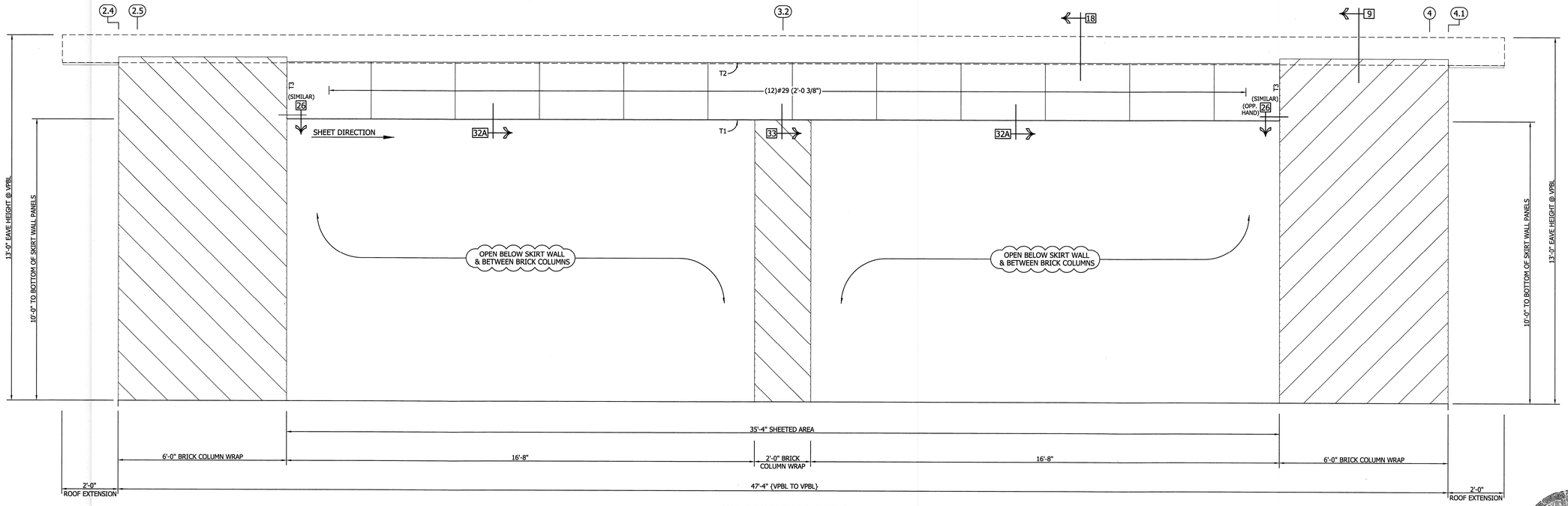
Oper. Code:1=SQ,SQ
Finish:K=KXL
Color:AW=Arctic White

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(12)80130,(4)FDT10	Artic White	SECTIONS 32A & 33
T2	(12)80140,(4)LTC10	Artic White	SECTION 18
T3	(1)MWT05	Artic White	SECTION 26(SIM)
T4	(6)80130,(2)FDT10	Artic White	SECTION 32A
T5	(6)80140,(2)LTC10	Artic White	SECTION 32A
T6	(.25)MWT05	Artic White	SECTION 26(SIM)



LINER ELEVATION @ LINE "I.1"



COVERING ELEVATION @ LINE "I.1"

NOTE: HAT CHANNELS FOR SUPPORT OF WALL SHEETING TO BE SPACED AT A MAXIMUM OF 4'-0" ON CENTER

NOTE: "VPBL" DENOTES VARCO PRUDEN BUILDING LINE WHICH IS THE OUTSIDE MOST FACE OF BRICK.

NOTE:
ALL WALL INSULATION IS BY OTHERS

RONNIE D. PALMER
REG. No. 16328
PROFESSIONAL ENGINEER
11/5/09

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Shape Name = Entrance LT, Wall = 4

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

ENTRY / LEAN-TO } COVERING-LINER ELEVATIONS @ "I.1"

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
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SOFFIT SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
S1	24	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (1'-11 1/2")	24	1	P	RW
S2	26	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (2'-5 5/8")	24	1	P	RW
S3	21	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-0 3/8")	24	1	P	RW
S4	48	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-4 1/2")	24	1	P	RW
S5	8	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-4")	24	1	P	RW
S6	8	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (5'-0")	24	1	P	RW

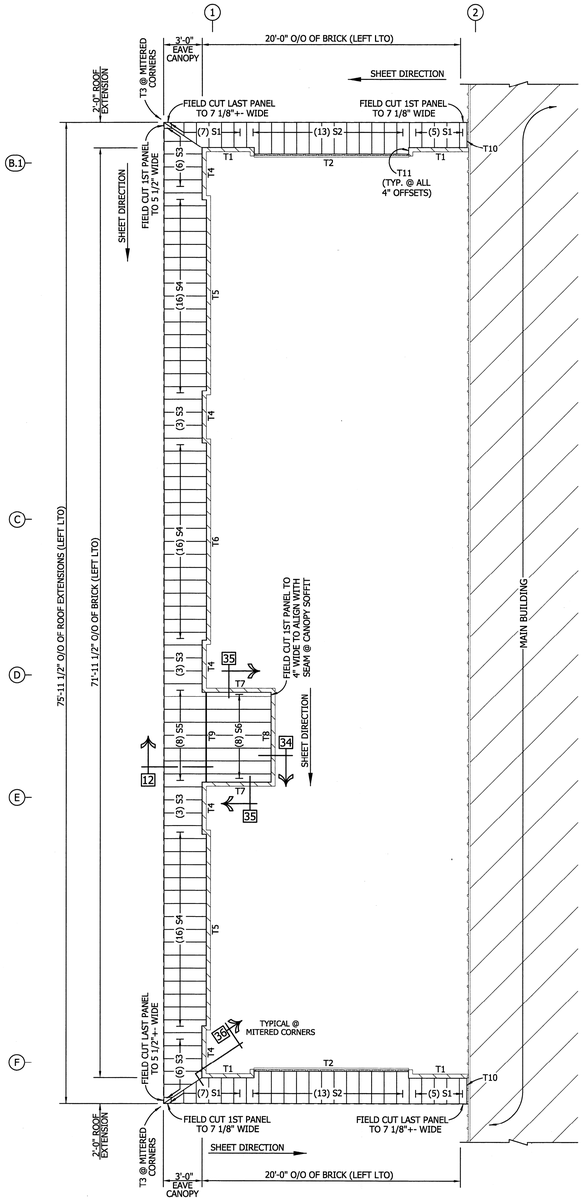
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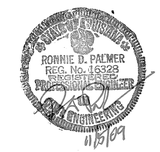
Finish:P=PVF

Color:RW=Regal White

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(.5)GAC1070,(.5)INSIDE ANGLE TRIM-90°	Regal White	SECTION 15
T2	(1.25)GAC1070,(1.25)INSIDE ANGLE TRIM-90°	Regal White	SECTION 16
T3	(.5)PANEL CAP TRIM-(2) REQ'D.	Regal White	SECTION 36
T4	(.5)INSIDE ANGLE TRIM-104°	Regal White	SECTION 9
T5	(1.25)INSIDE ANGLE TRIM-104°	Regal White	SECTION 10
T6	(1.75)INSIDE ANGLE TRIM-104°	Regal White	SECTION 10
T7	(.5)ZEE SPACER,(.5)INSIDE ANGLE TRIM-90°	Regal White	SECTION 35
T8	(.75)INSIDE ANGLE TRIM-90°	Regal White	SECTION 34
T9	(1)RIDGE TRIM-166°	Regal White	SECTION 12
T10	(.25)ZEE SPACER,(.25)INSIDE ANGLE TRIM-104°	Regal White	SECTION 14
T11	INSIDE ANGLE TRIM-90° FROM SCRAP PIECES	Regal White	SECTION 35(SIM)





FOR CONSTRUCTION

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
2. ROOF SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM, REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.
3. PANELS SHOWN WITH A LENGTH LESS THAN 1-0, 5-0 FOR SSR, MAY HAVE TO BE FIELD CUT.
4. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.

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Shape Name = Left LT

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VP Buildings

3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(LEFT LTO) SOFFIT LAYOUT

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN

A BlueScope Steel Company

VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	61 OF 80

SOFFIT SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
S1	50	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (1'-11 1/2")	24	1	P	RW
S2	242	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (2'-5 5/8")	24	1	P	RW
S3	110	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-0 3/8")	24	1	P	RW
S4	86	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-4 1/2")	24	1	P	RW
S7	142	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-6 5/8")	24	1	P	RW
S8	5	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (5'-8 1/8")	24	1	P	RW

Oper. Code:1=SQ,SQ
Finish:P=PVF
Color:RW=Regal White

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(.5)PANEL CAP TRIM-(2) REQ'D.	Regal White	SECTION 36
T2	(.75)INSIDE ANGLE TRIM-104°	Regal White	SECTION 11
T3	(1.5)INSIDE ANGLE TRIM-104°	Regal White	SECTION 11
T4	(.75)GAC1070,(.75)INSIDE ANGLE TRIM-90°	Regal White	SECTION 15
T5	(1.75)GAC1070,(1.5)INSIDE ANGLE TRIM-90°	Regal White	SECTION 16
T6	(1.25)INSIDE ANGLE TRIM-104°	Regal White	SECTION 11
T7	(4)GAC1070,(3.5)INSIDE ANGLE TRIM-90°	Regal White	SECTION 16
T8	(.5)RIDGE TRIM-152°,(.25)ZEE SPACER-(2)REQ'D.	Regal White	SECTION 37
T9	(.5)ZEE SPACER,(.5)INSIDE ANGLE TRIM-90°	Regal White	SECTION 35
T10	(.5)INSIDE ANGLE TRIM-90°	Regal White	SECTIONS 31 & 34
T11	(3)GAC1070,(2.5)INSIDE ANGLE TRIM-90°	Regal White	SECTION 16
T12	(1.25)GAC1070,(1.25)INSIDE ANGLE TRIM-90°	Regal White	SECTION 16
T13	(.5)GAC1070,(.5)INSIDE ANGLE TRIM-90°	Regal White	SECTION 15
T14	(1.75)INSIDE ANGLE TRIM-104°	Regal White	SECTION 10
T15	(6.75)GAC1070,(5.5)INSIDE ANGLE TRIM-90°	Regal White	SECTION 16
T16	(6.25)GAC1070,(5.25)INSIDE ANGLE TRIM-90°	Regal White	SECTION 16
T17	INSIDE ANGLE TRIM-90° FROM SCRAP PIECES	Regal White	SECTION 35(SIM)

NOTE: THE FOLLOWING ADDITIONAL SOFFIT MATERIALS HAVE BEEN FURNISHED ON THIS PROJECT.

(PANELS)

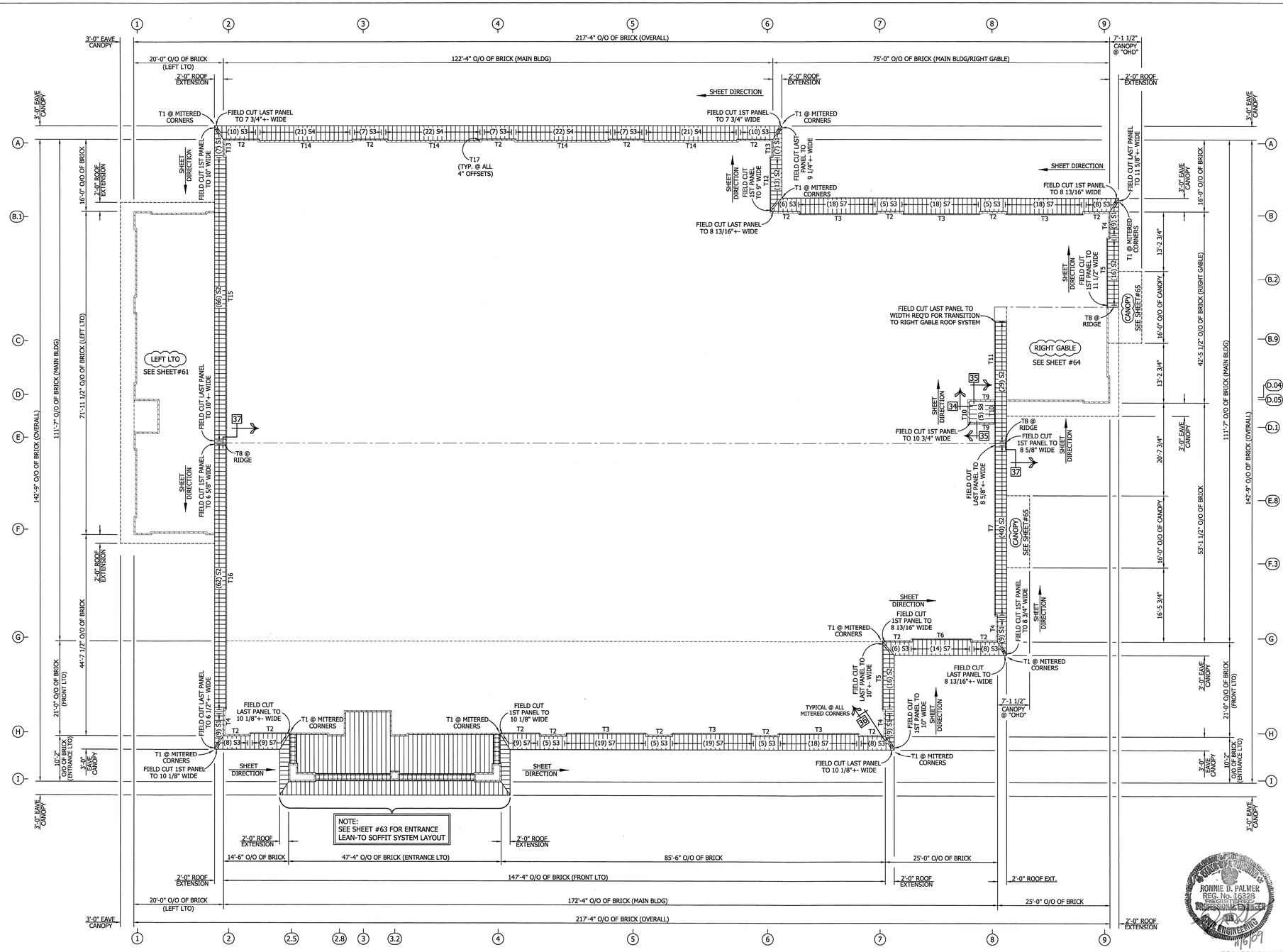
Id	Qty	Type	Gage	OP	Fin.	Color
S1	3	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (1'-11 1/2")	24	1	P	RW
S2	6	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (2'-5 5/8")	24	1	P	RW
S4	6	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-4 1/2")	24	1	P	RW
S7	3	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-6 5/8")	24	1	P	RW
S8	3	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (5'-8 1/8")	24	1	P	RW
S9	2	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (2'-2 1/4")	24	1	P	RW
S10	2	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-3 1/8")	24	1	P	RW
S11	1	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (8'-5 1/2")	24	1	P	RW
S12	1	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (8'-8 1/4")	24	1	P	RW
S13	1	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (8'-4 1/4")	24	1	P	RW
S14	1	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (13'-8 1/4")	24	1	P	RW
S16	2	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (7'-9 3/4")	24	1	P	RW
S17	4	MARQUEE-LOK (SOLID-NO RIBS) (W/O LOCKING TABS) (1'-3 1/2")	24	1	P	BW

Oper. Code:1=SQ,SQ
Finish:P=PVF
Color:RW=Regal White
Color:BW=Bone White

(TRIM)

Qty	Parts	Color
5	INSIDE ANGLE TRIM-90°	Regal White
5	INSIDE ANGLE TRIM-104°	Regal White
2	ZEE SPACER TRIM	Regal White
2	PANEL CAP TRIM	Regal White
2	INSIDE ANGLE TRIM	Bone White
1	ZEE SPACER TRIM	Bone White

(ALL TRIM ITEMS ARE 12'-3" LONG)



FOR CONSTRUCTION

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
2. ROOF SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM, REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.
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Shape Name = Front LT, Shape = Main Building

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRONT LTO, MAIN BLDG } SOFFIT LAYOUT

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	62 OF 80

RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
STATE OF TENNESSEE
11/5/09

SOFFIT SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
S1	14	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (1'-11 1/2")	24	1	P	RW
S3	16	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-0 3/8")	24	1	P	RW
S9	16	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (2'-2 1/4")	24	1	P	RW
S10	36	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-3 1/8")	24	1	P	RW
S11	8	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (8'-5 1/2")	24	1	P	RW
S12	18	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (8'-8 1/4")	24	1	P	RW
S13	6	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (8'-4 1/4")	24	1	P	RW
S14	10	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (13'-8 1/4")	24	1	P	RW
S15	2	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (7'-9 1/2")	24	1	P	RW
S17	48	MARQUEE-LOK (SOLID-NO RIBS) (W/O LOCKING TABS) (1'-3 1/2")	24	1	P	BW

Oper. Code:1=SQ,SQ

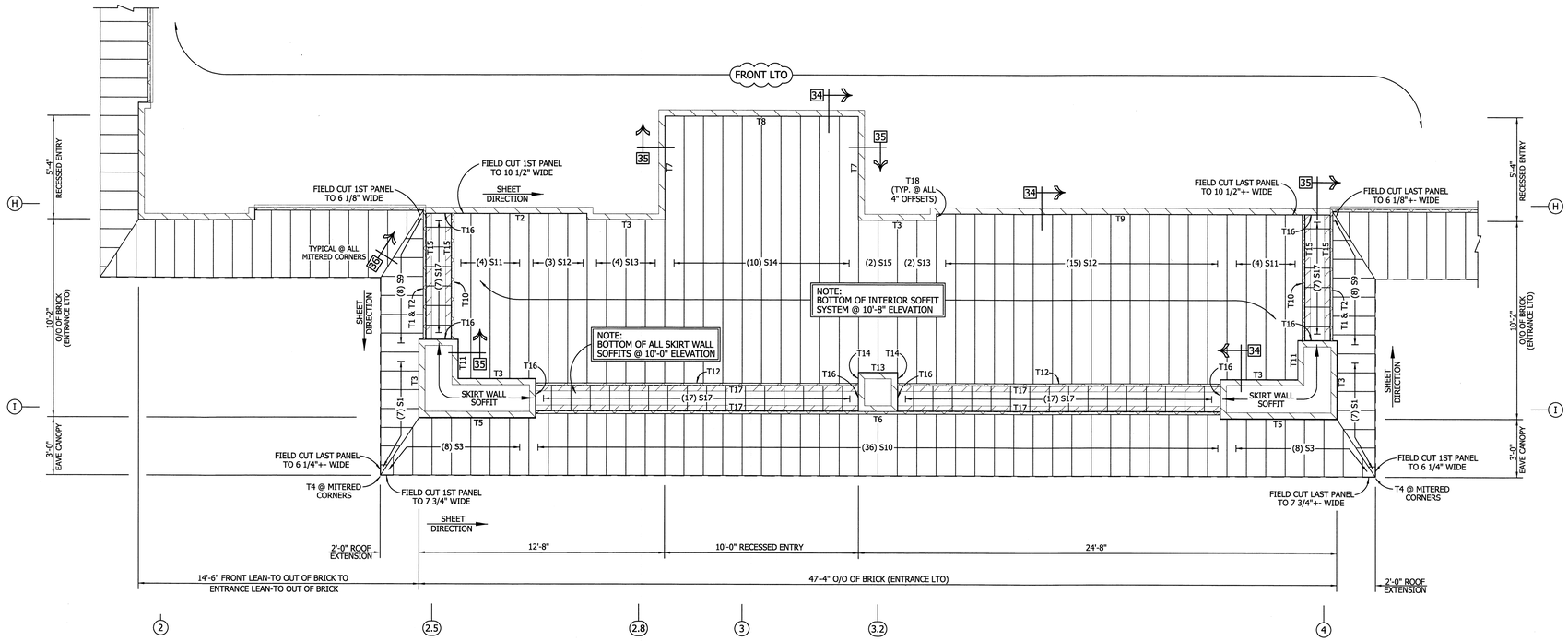
Finish:P=PVF

Color:RW=Regal White

Color:BW=Bone White

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(1.25)GAC1070	Galvanized	SECTIONS 15 & 17
T2	(.75)INSIDE ANGLE TRIM-90°	Regal White	SECTIONS 17 & 34
T3	(.5)INSIDE ANGLE TRIM-90°	Regal White	SECTIONS 15 & 34
T4	(.5)PANEL CAP TRIM-(2) REQ'D.	Regal White	SECTION 36
T5	(.75)INSIDE ANGLE TRIM-104°	Regal White	SECTION 9
T6	(3)INSIDE ANGLE TRIM-104°	Regal White	SECTIONS 32A & 33
T7	(.5)ZEE SPACER,(.5)INSIDE ANGLE TRIM-90°	Regal White	SECTION 35
T8	(1)INSIDE ANGLE TRIM-90°	Regal White	SECTION 34
T9	(1.75)INSIDE ANGLE TRIM-90°	Regal White	SECTION 34
T10	(.75)ZEE SPACER,(.75)INSIDE ANGLE TRIM-90°	Regal White	SECTION 32
T11	(.25)ZEE SPACER,(.25)INSIDE ANGLE TRIM-90°	Regal White	SECTION 35(SIM)
T12	(1.5)INSIDE ANGLE TRIM-90°	Regal White	SECTION 32A
T13	(.25)INSIDE ANGLE TRIM-90°	Regal White	SECTION 33
T14	(.10)INSIDE ANGLE TRIM-90°	Regal White	SECTION 35(SIM)
T15	(.75)INSIDE ANGLE TRIM-90°	Bone White	SECTION 32
T16	(.25)ZEE SPACER,(.25)INSIDE ANGLE TRIM-90°	Bone White	SECTION 35(SIM)
T17	(1.5)INSIDE ANGLE TRIM-90°	Bone White	SECTION 32A
T18	INSIDE ANGLE TRIM-90° FROM SCRAP PIECES	Regal White	SECTION 35(SIM)





FOR CONSTRUCTION

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
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Shape = Entrance LT

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(ENTRY LTO) SOFFIT LAYOUT

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1r

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	63 OF 80

SOFFIT SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
S1	9	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (1'-11 1/2")	24	1	P	RW
S2	16	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (2'-5 5/8")	24	1	P	RW
S3	8	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-0 3/8")	24	1	P	RW
S7	20	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (3'-6 5/8")	24	1	P	RW

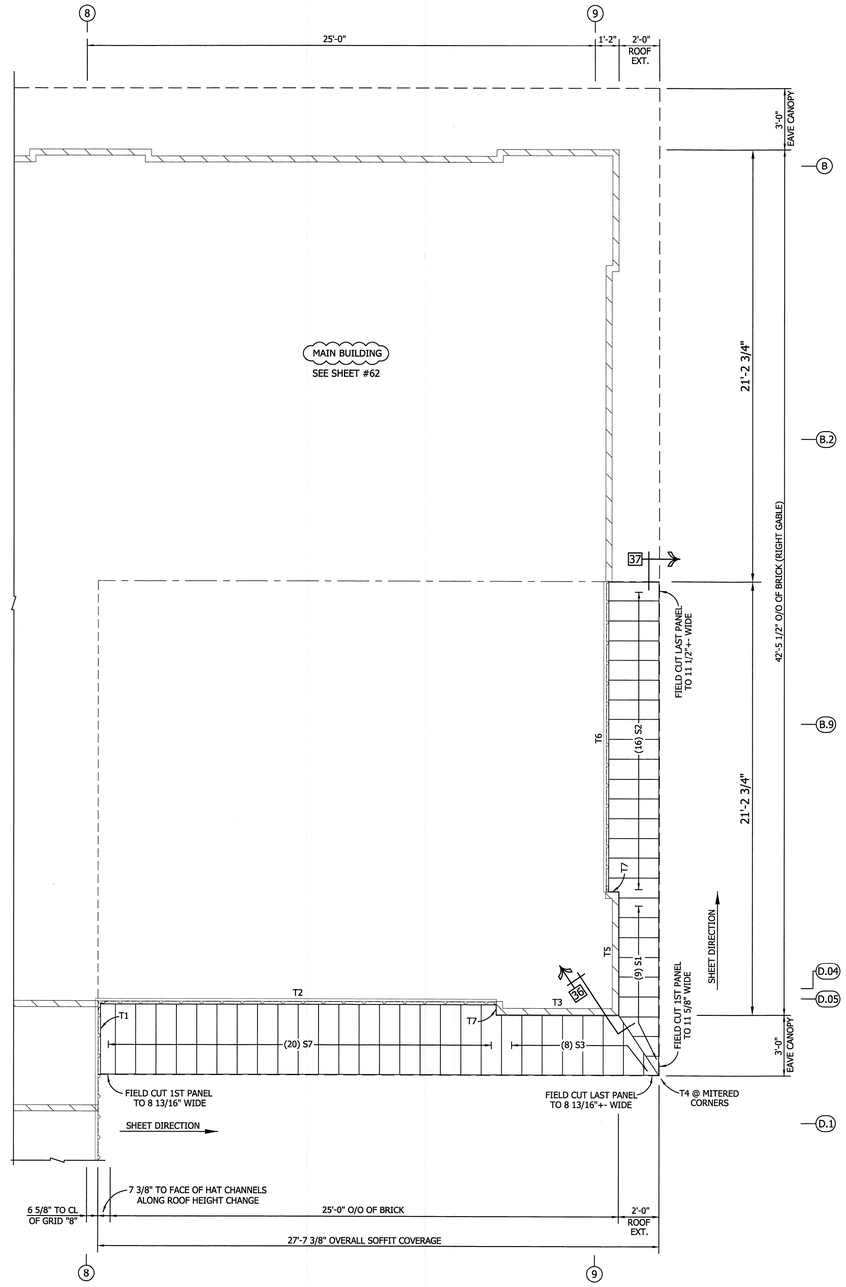
Oper. Code:1=SQ,SQ

Finish:P=PVF

Color:RW=Regal White

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(.5)GAC1070,(.5)ZEE SPACER,(.5)INSIDE ANGLE TRIM-90°	Regal White	SECTION 20
T2	(1.75)INSIDE ANGLE TRIM-104°	Regal White	SECTION 11
T3	(.75)INSIDE ANGLE TRIM-104°	Regal White	SECTION 9
T4	(.5)PANEL CAP TRIM-(2) REQ'D.	Regal White	SECTION 36
T5	(.75)GAC1070,(.75)INSIDE ANGLE TRIM-90°	Regal White	SECTION 15
T6	(1.75)GAC1070,(1.5)INSIDE ANGLE TRIM-90°	Regal White	SECTION 16
T7	INSIDE ANGLE TRIM-90° FROM SCRAP PIECES	Regal White	SECTION 35(SIM)



RONNIE D. PALMER
REG. No. 16328
PROFESSIONAL ENGINEER
11/9/09

FOR CONSTRUCTION

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Shape Name = Right Gable

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

(RIGHT GABLE) SOFFIT LAYOUT

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	64 OF 80

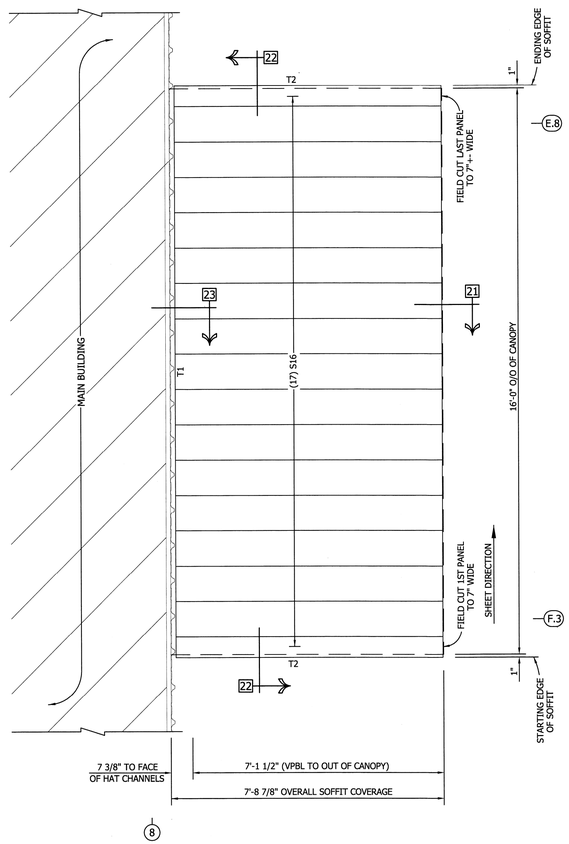
SOFFIT SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
S16	17	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (7'-9 3/4")	24	1	P	RW

Oper. Code:1=SQ,SQ
Finish:P=PVF
Color:RW=Regal White

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(1.5)INSIDE ANGLE TRIM 104°	Regal White	SECTION 23
T2	(.75)ZEE SPACER	Regal White	SECTION 22



Shape Name = Main Building

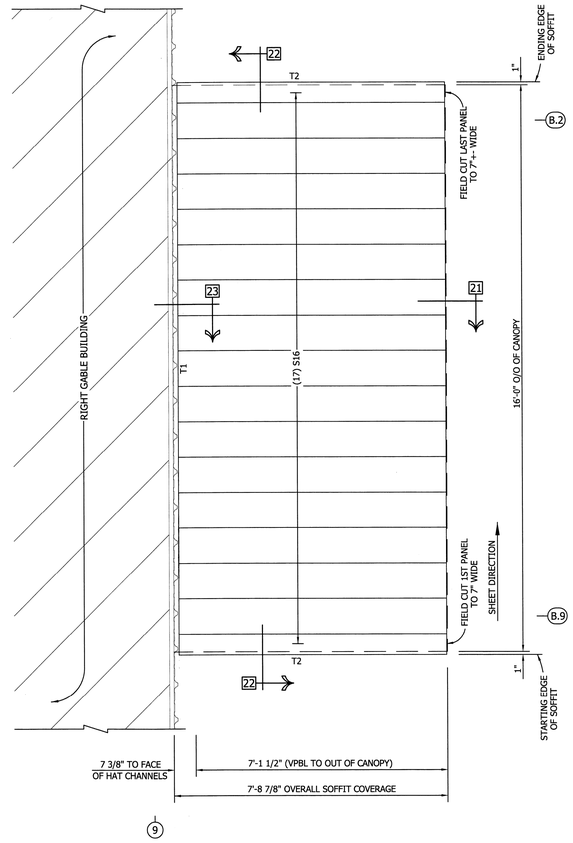
SOFFIT SCHEDULE:

Id	Qty	Type	Gage	OP	Fin.	Color
S16	17	MARQUEE-LOK (DOUBLE PENCIL RIB) (W/O LOCKING TABS) (7'-9 3/4")	24	1	P	RW

Oper. Code:1=SQ,SQ
Finish:P=PVF
Color:RW=Regal White

TRIM SCHEDULE:

Id	Parts	Color	Details
T1	(1.5)INSIDE ANGLE TRIM 104°	Regal White	SECTION 23
T2	(.75)ZEE SPACER	Regal White	SECTION 22



Shape Name = Right Gable

RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
VP ENGINEERING
11/3/09

FOR CONSTRUCTION

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
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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

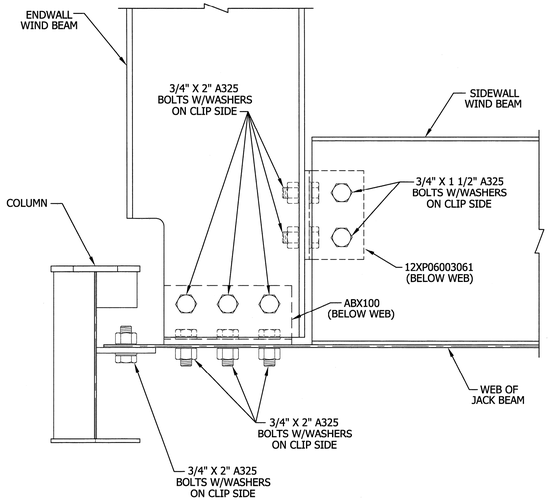
NTS

MAIN BLDG & RIGHT GABLE } CANOPY ROOF SOFFIT LAYOUTS

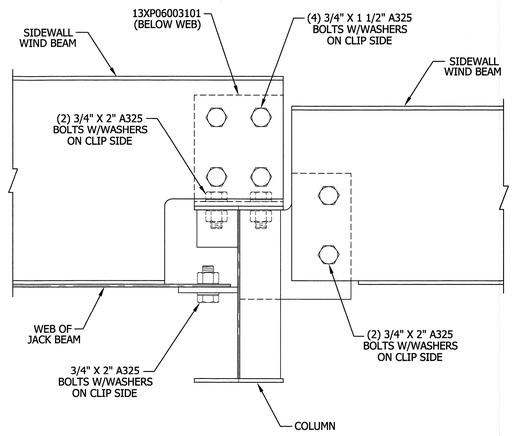
BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1f

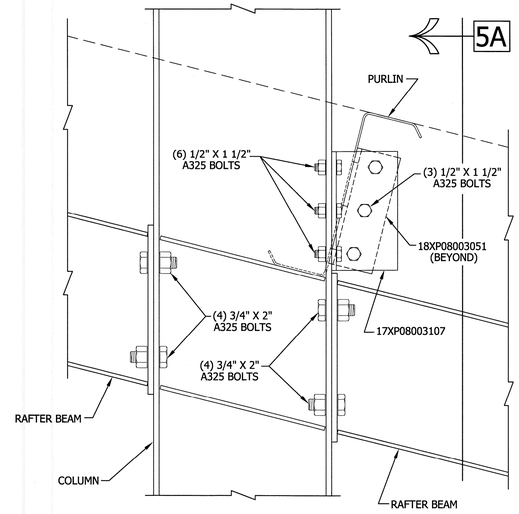
JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	65 OF 80



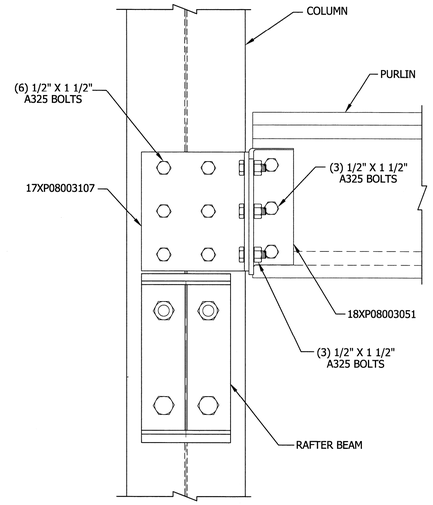
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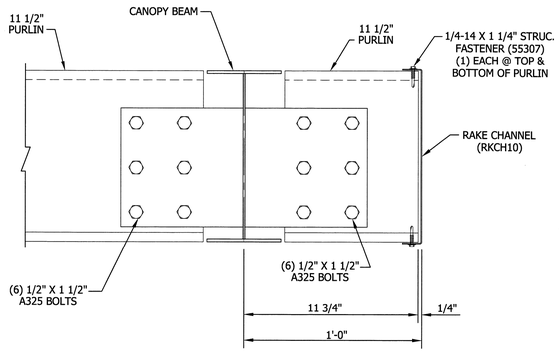
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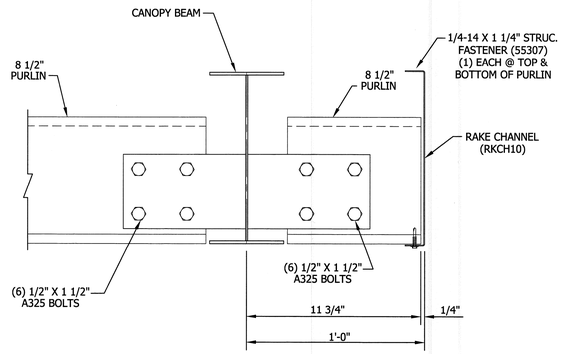
SECTION "5"



SECTION "5A"



SECTION "6"



SECTION "7"



FOR CONSTRUCTION

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

REV	DATE	BY	DESCRIPTION

NTS

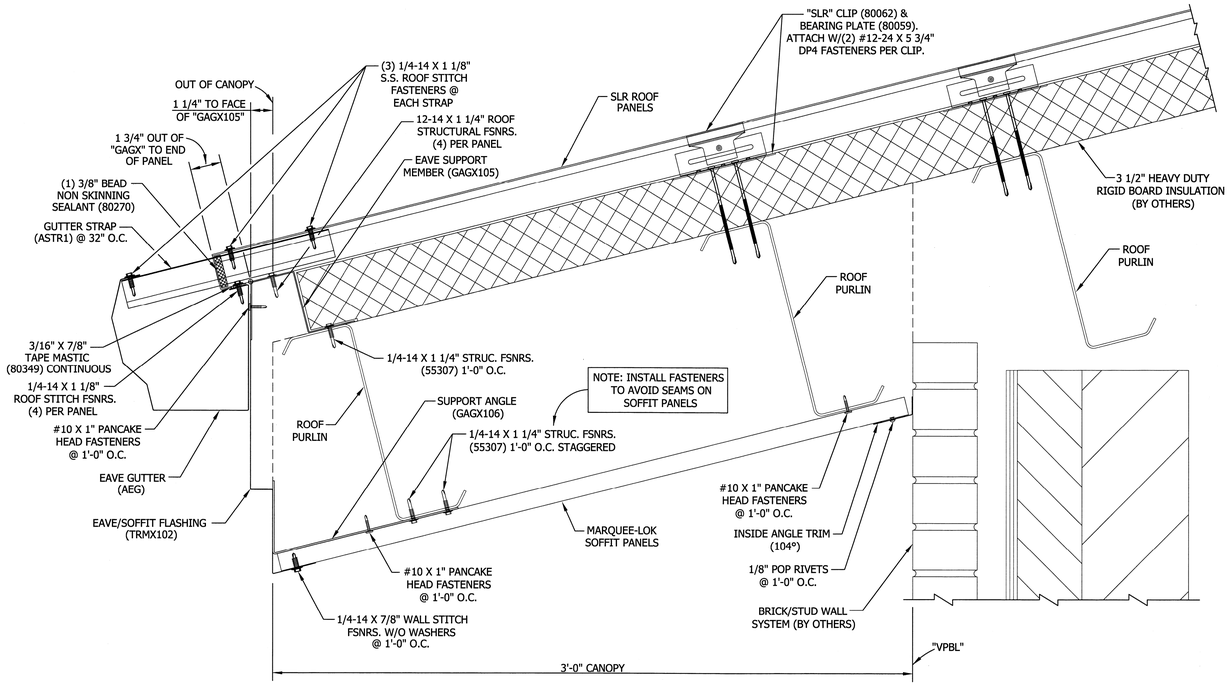
DETAILS # 1

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

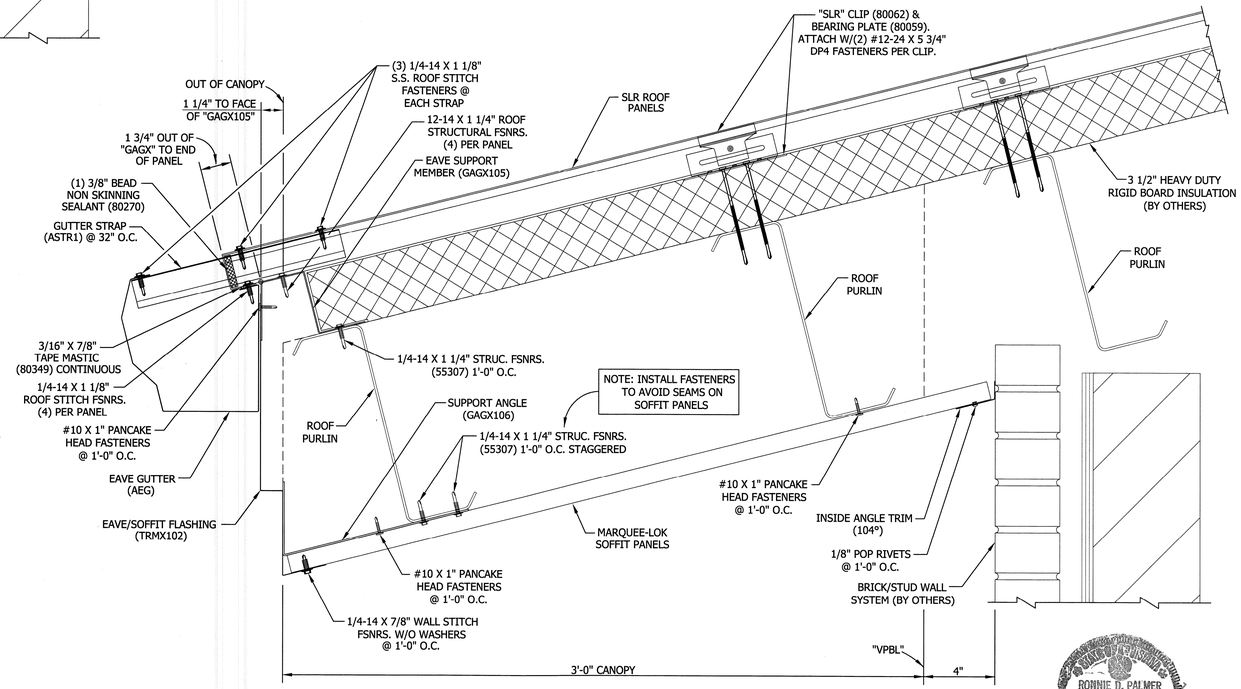
VP BUILDINGS VARCO—PRUDEN

VPC VERSION: 7.1c

JOBNO	08-28883-EP1
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PAGE	66 OF 80



SECTION "9"



SECTION "10"

RONNIE D. PALMER
REG. No. 16328
REGISTERED PROFESSIONAL ENGINEER
STATE OF ALABAMA
VP BUILDINGS
11/5/09

FOR CONSTRUCTION

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

REV	DATE	BY	DESCRIPTION

NTS

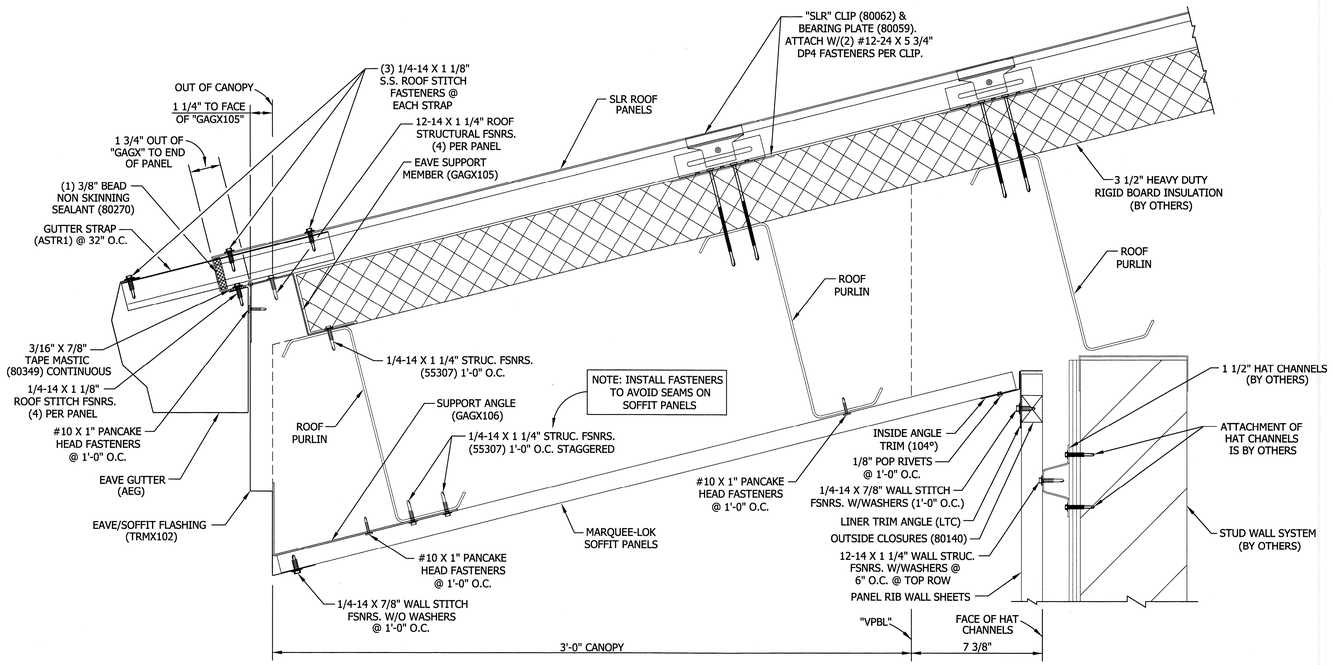
DETAILS # 2

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

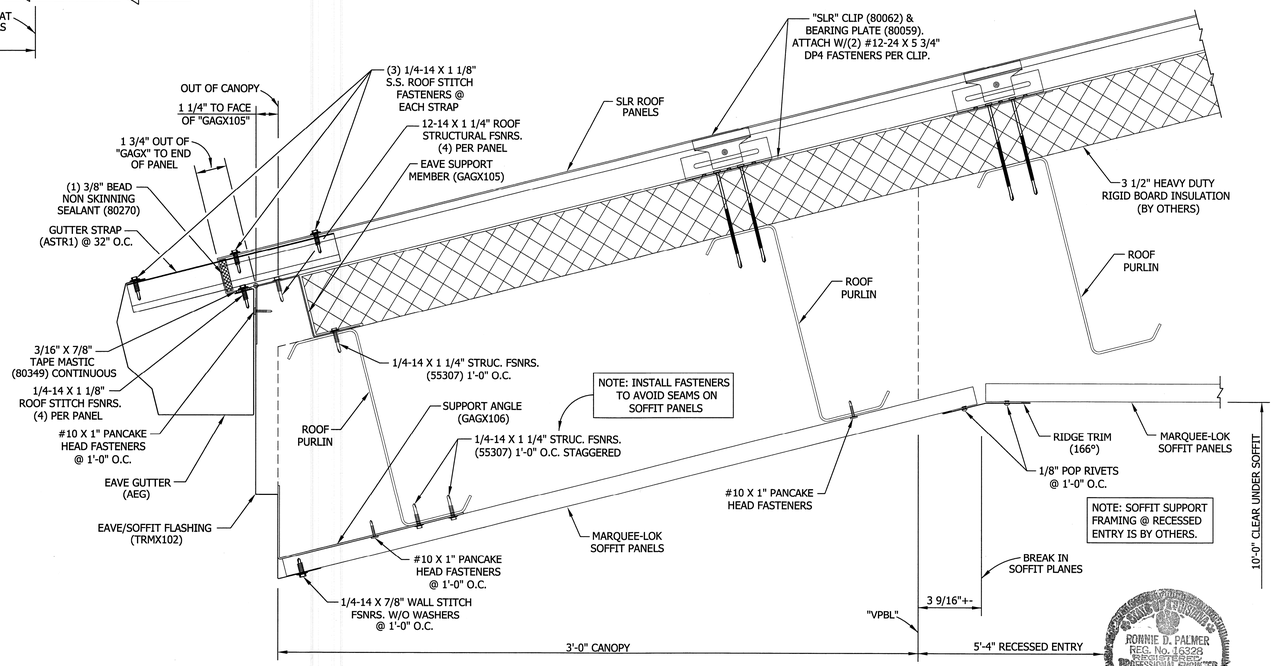
VP BUILDINGS VARCO—PRUDEN

VPC VERSION: 7.1c

JOBNO	08-28883-EP1
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PAGE	67 OF 80



SECTION "11"



SECTION "12"

RONNIE D. PALMER
REG. No. 16328
REGISTERED
PROFESSIONAL ENGINEER
STATE OF TENNESSEE
11/5/09

FOR CONSTRUCTION

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

REV	DATE	BY	DESCRIPTION

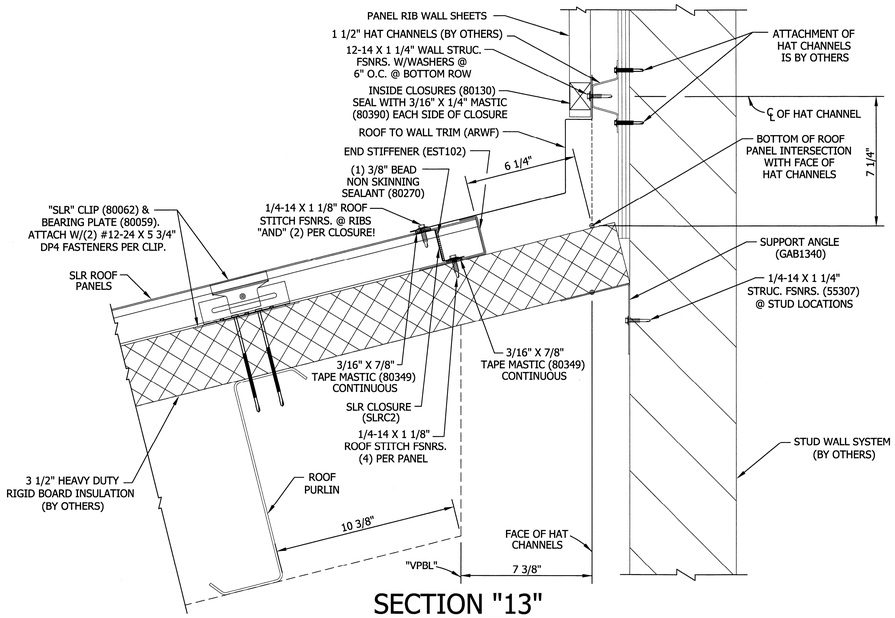
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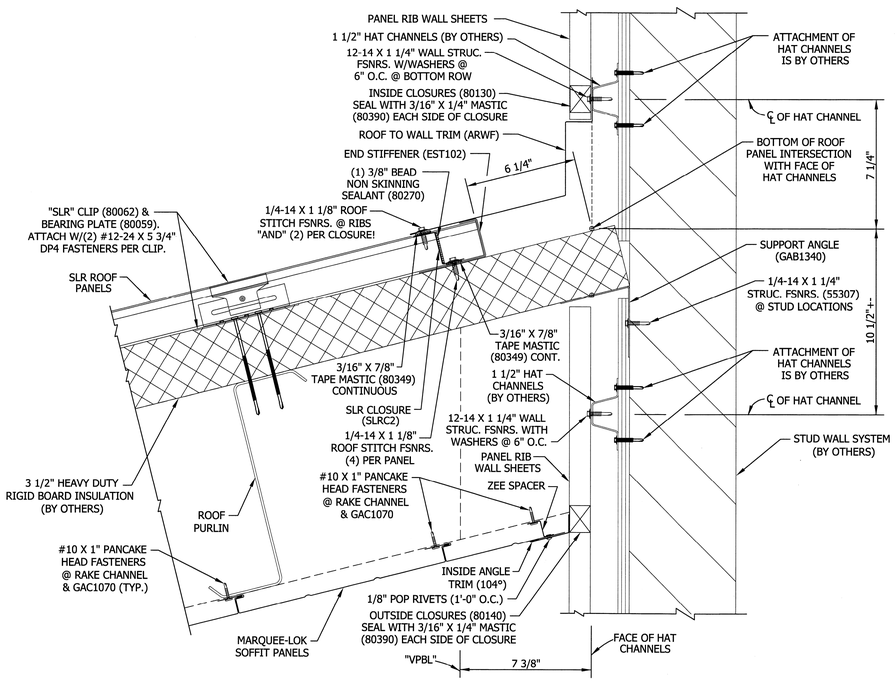
BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS
VARCO—PRUDEN
VPC VERSION: 7.1c

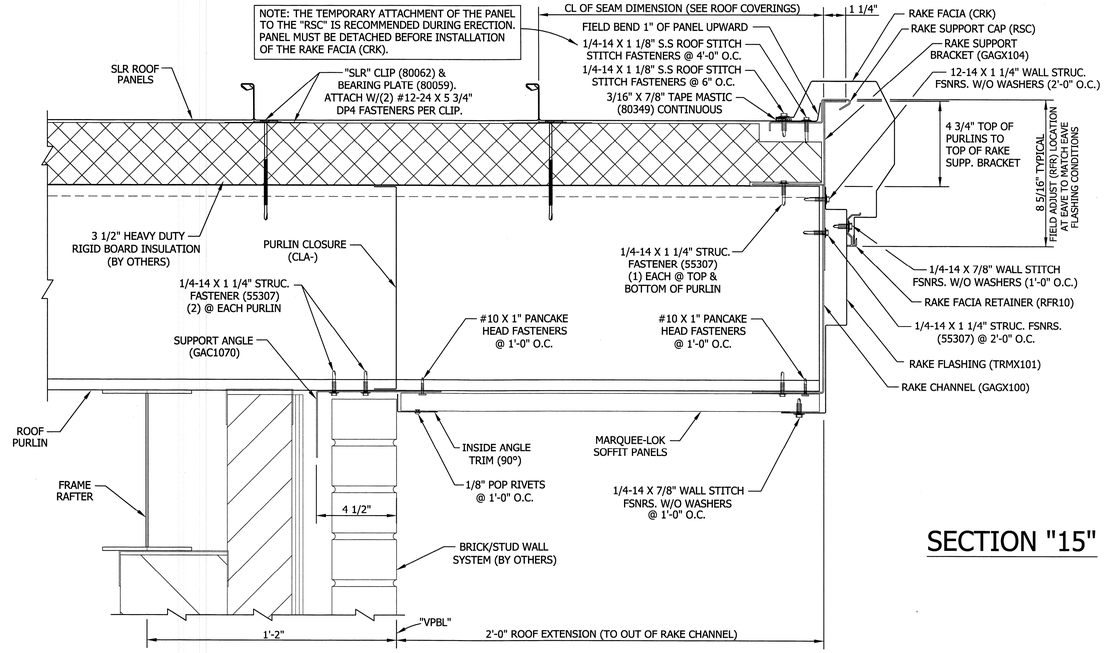
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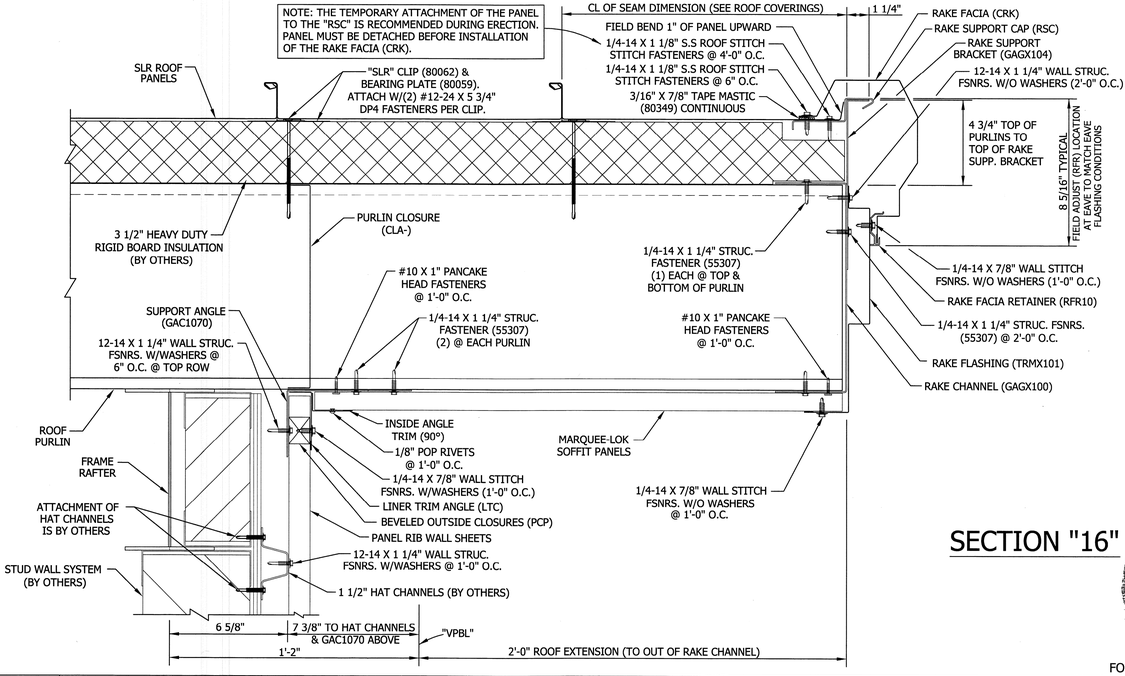
SECTION "13"



SECTION "14"



SECTION "15"



SECTION "16"



FOR CONSTRUCTION

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

REV	DATE	BY	DESCRIPTION

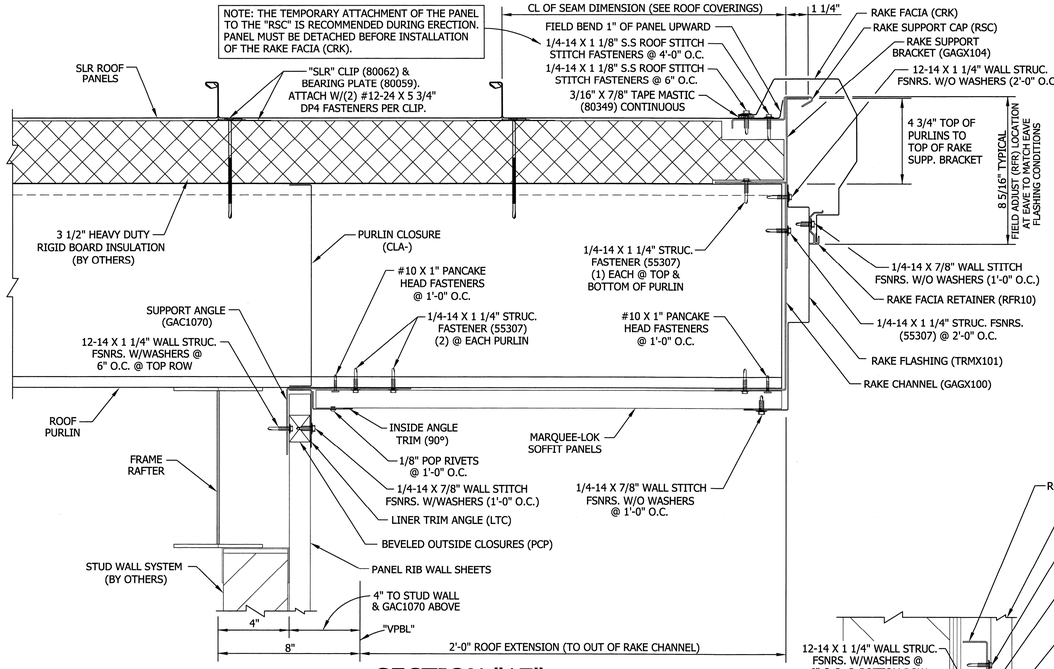
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DETAILS # 4

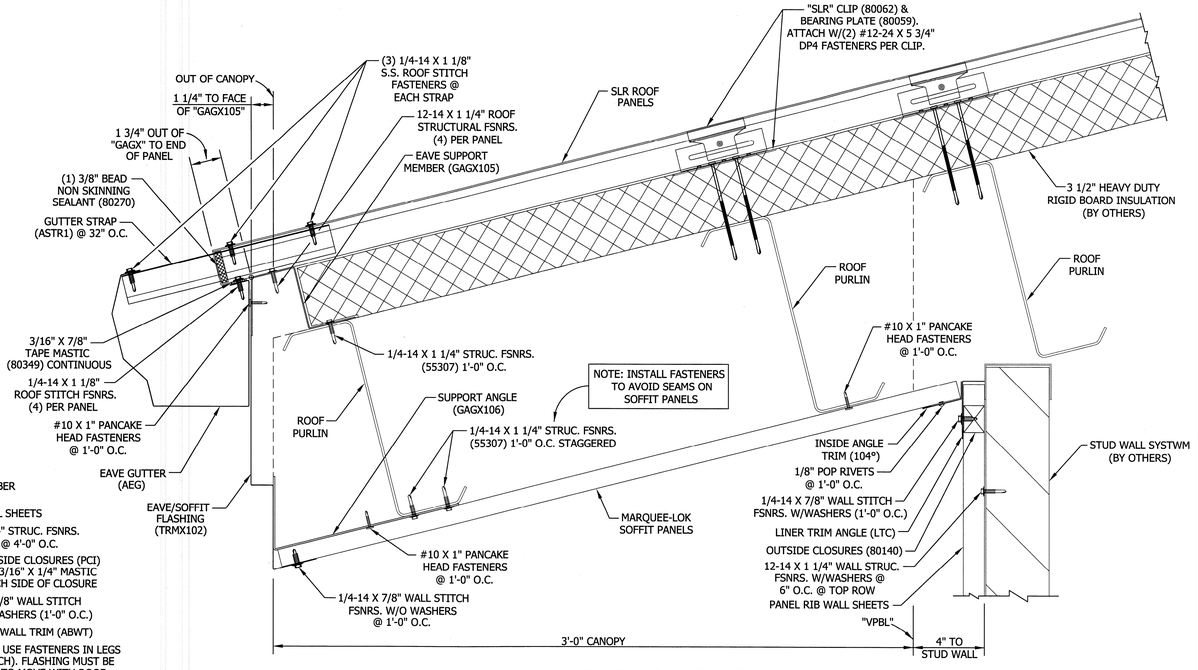
BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO—PRUDEN
VPC VERSION: 7.1c

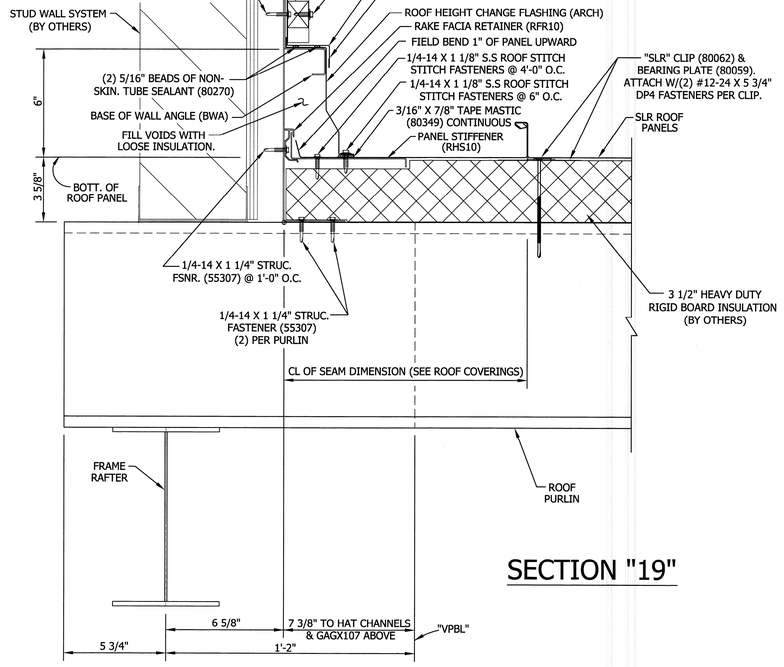
JOBNO	08-28883-EP1
DATE	10/30/09
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SECTION "17"



SECTION "18"



SECTION "19"



FOR CONSTRUCTION

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

REV	DATE	BY	DESCRIPTION

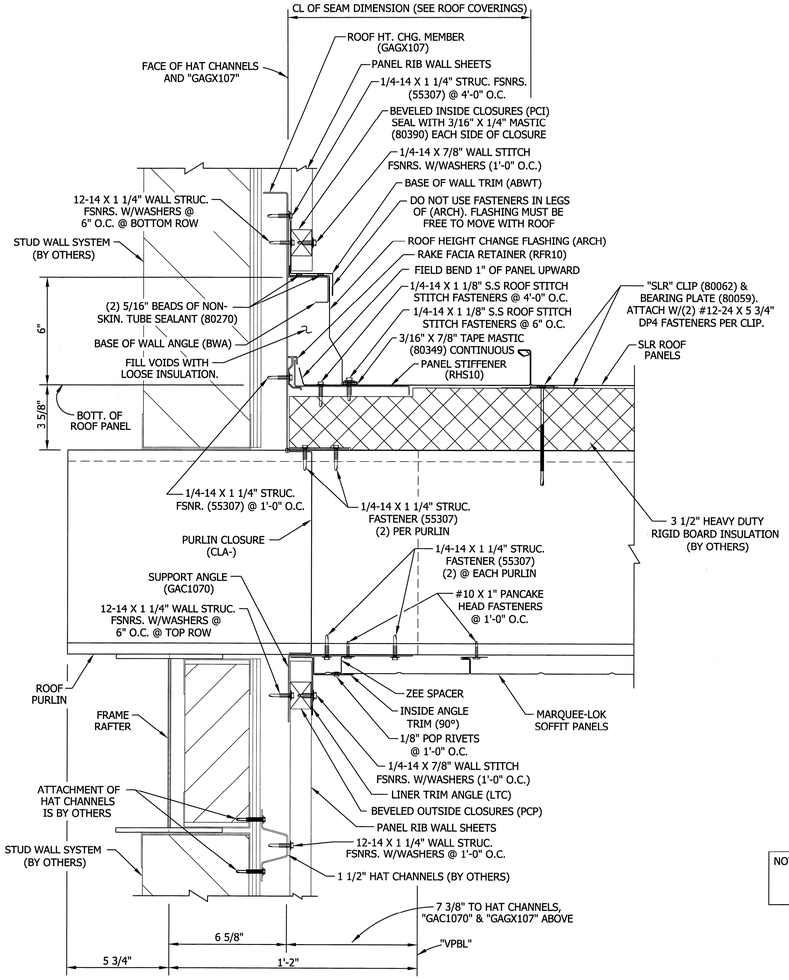
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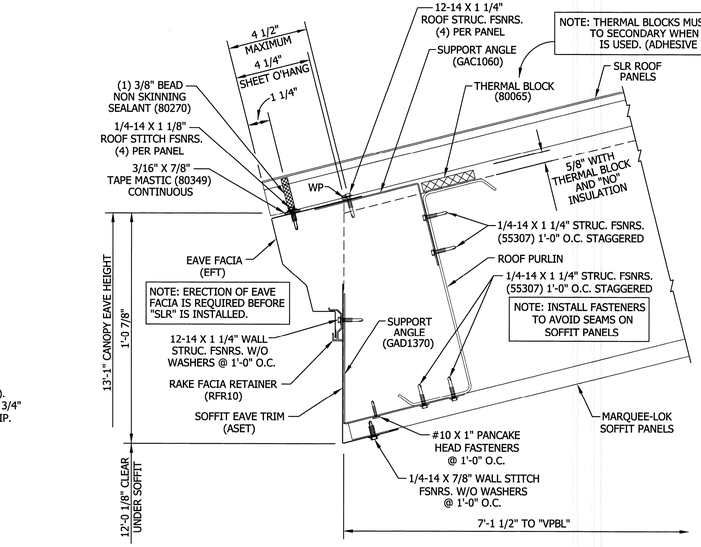
BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO—PRUDEN
VPC VERSION: 7.1c

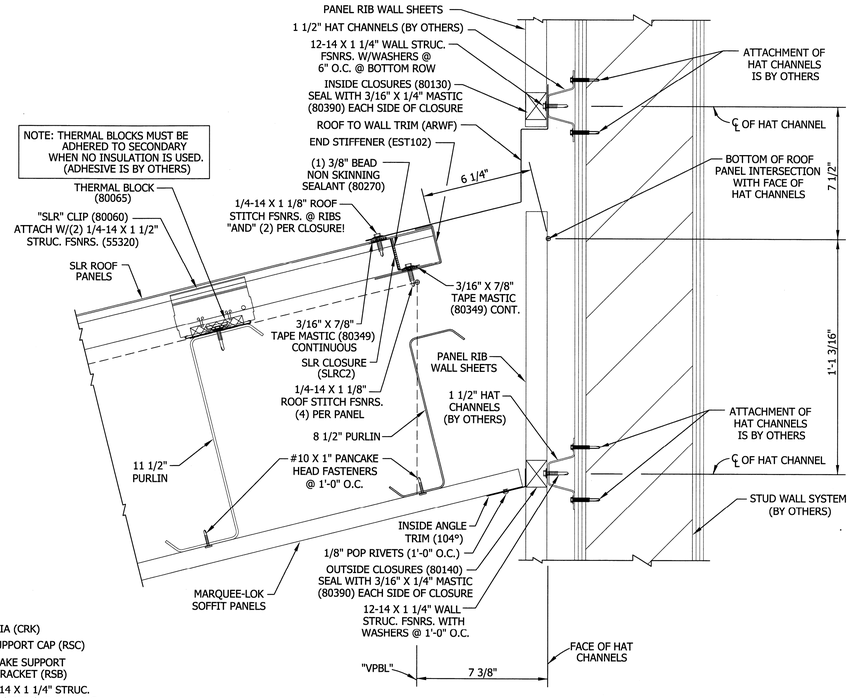
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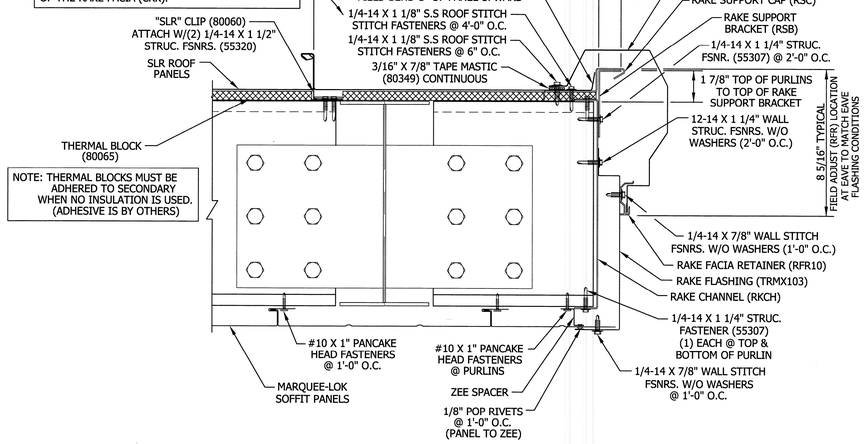
SECTION "20"



SECTION "21"



SECTION "23"



SECTION "22"



FOR CONSTRUCTION

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

REV	DATE	BY	DESCRIPTION

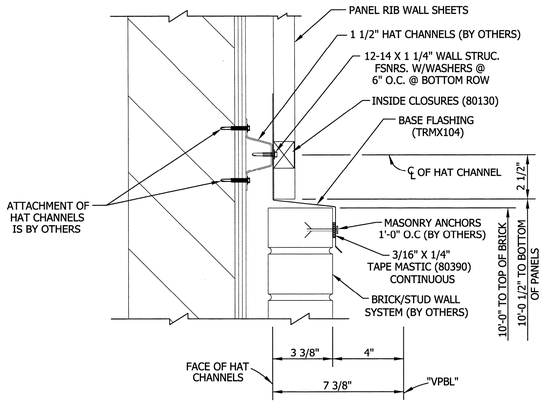
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DETAILS # 6

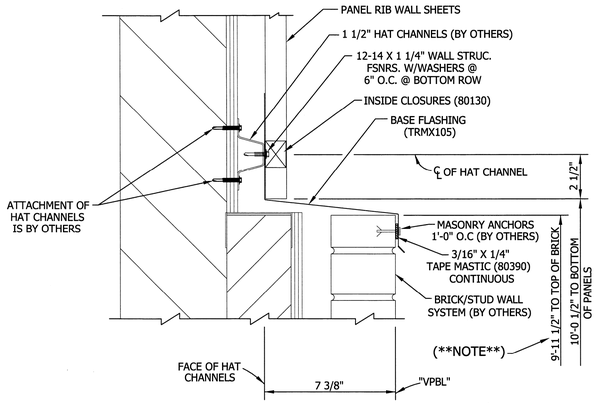
BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO—PRUDEN
VPC VERSION: 7.1c

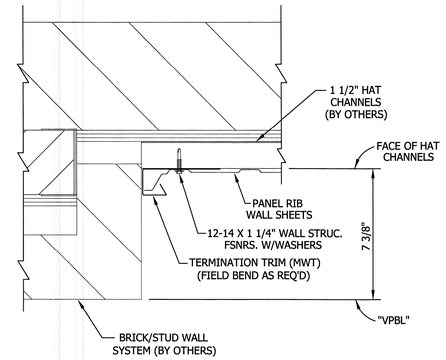
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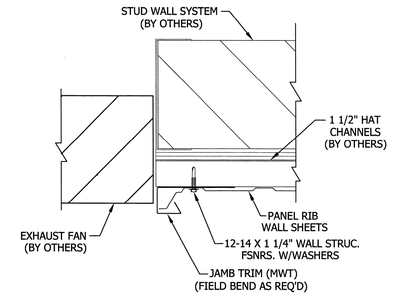
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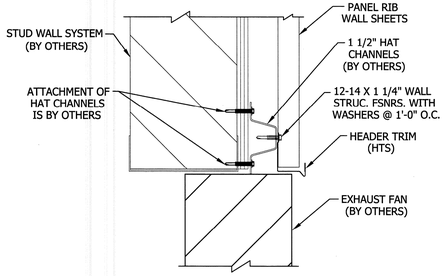
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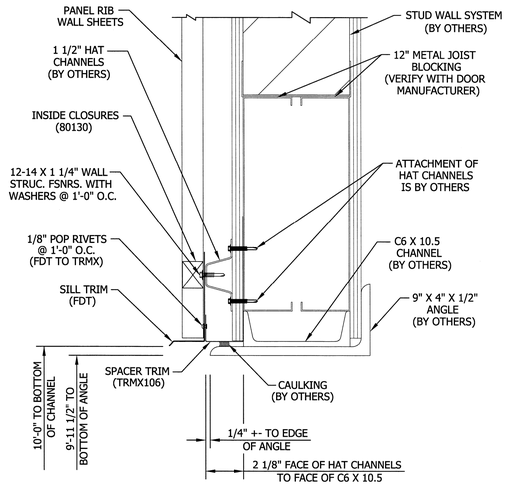
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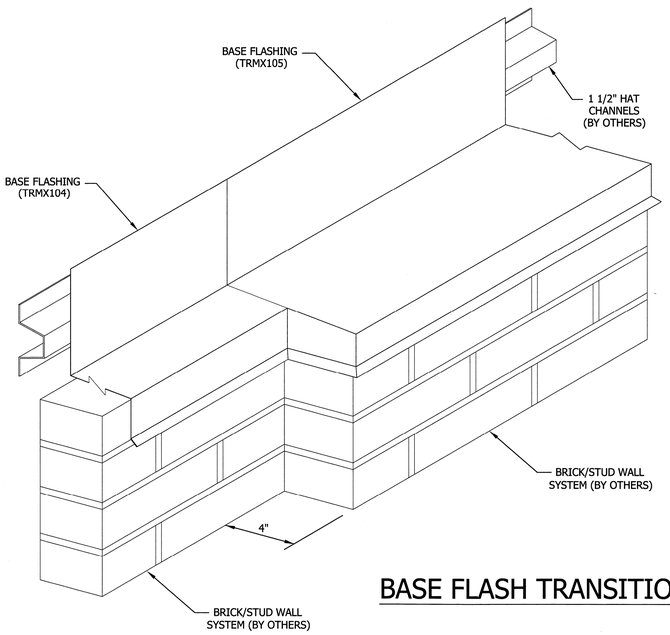
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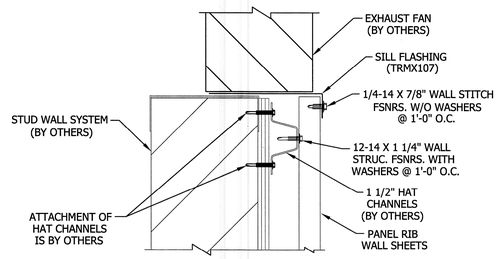
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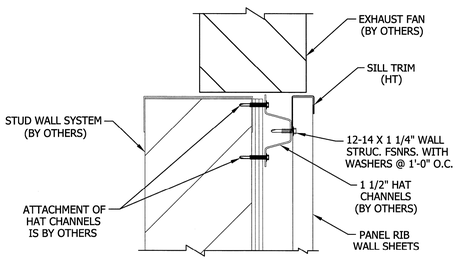
SECTION "30"



BASE FLASH TRANSITION



SECTION "28"



SECTION "28" (ALTERNATE)



FOR CONSTRUCTION

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

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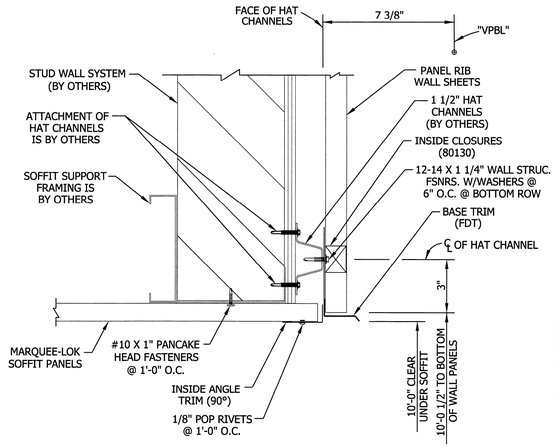
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DETAILS # 7

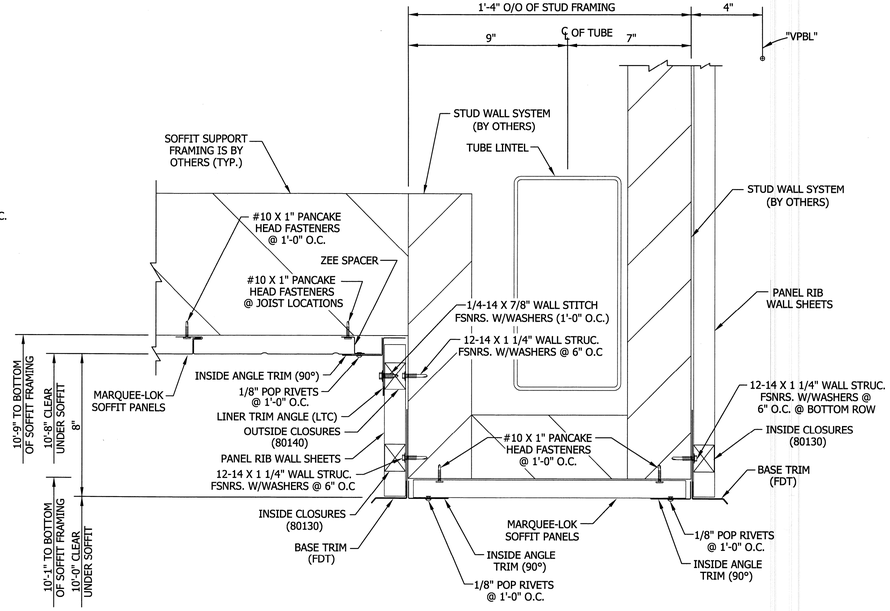
BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO-PRUDEN
VPC VERSION: 7.1c

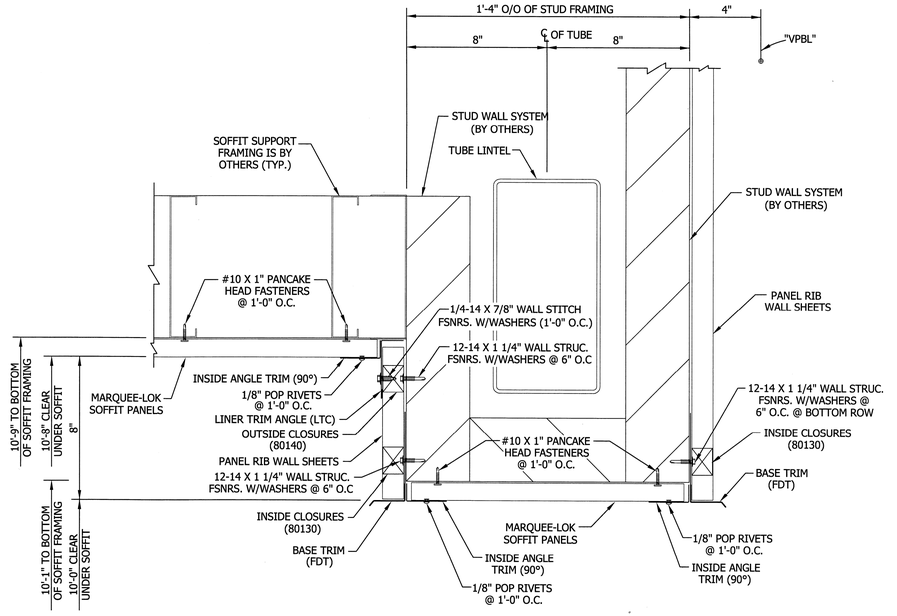
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DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	72 OF 80



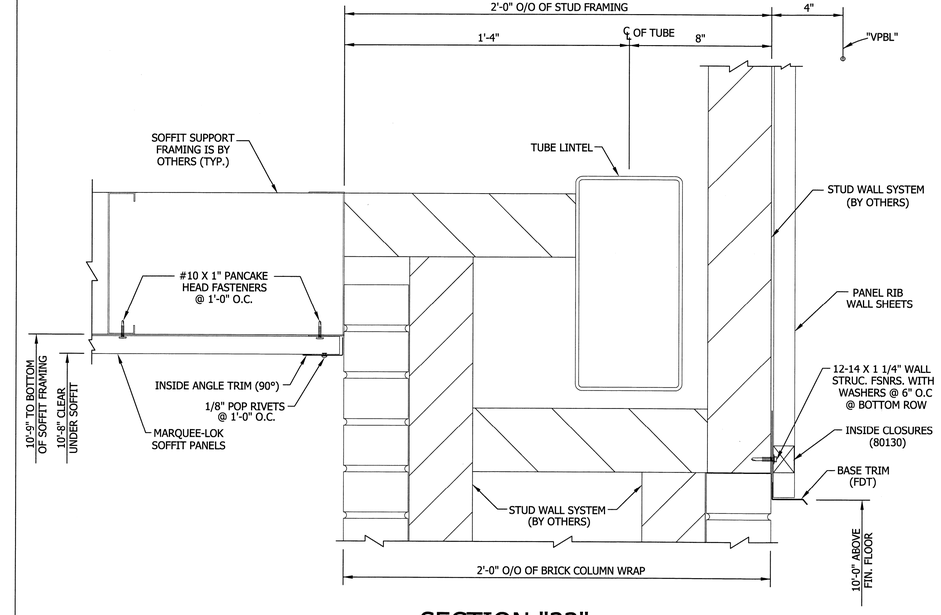
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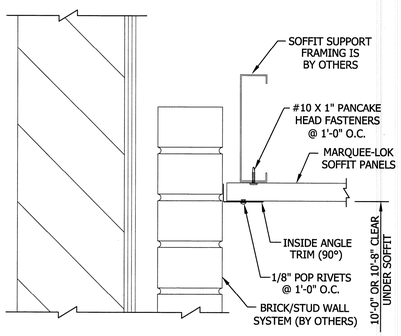
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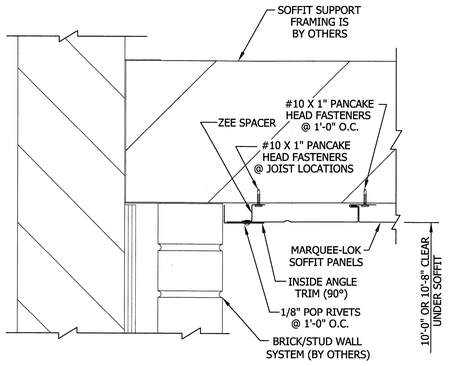
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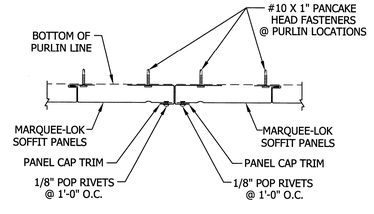
SECTION "33"



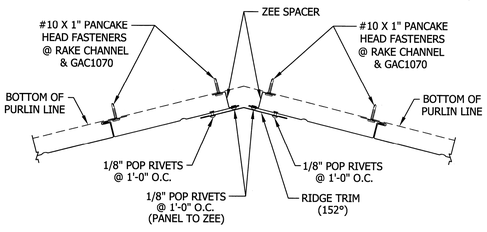
SECTION "34"



SECTION "35"



SECTION "36"



SECTION "37"



FOR CONSTRUCTION

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

REV	DATE	BY	DESCRIPTION

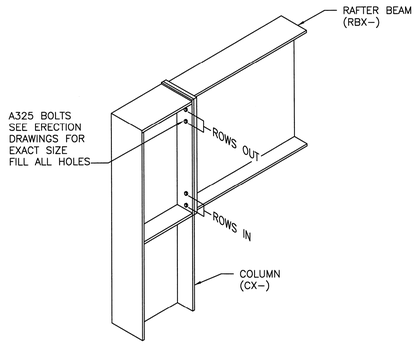
NTS

DETAILS # 8

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO—PRUDEN
VPC VERSION: 7.1c

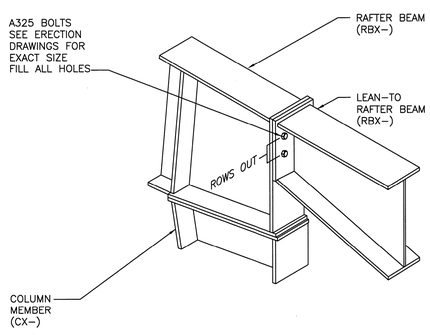
JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	73 OF 80



HAUNCH TO COLUMN CONNECTION — PF01A2

FACE/VERTICAL BOLTED COLUMN

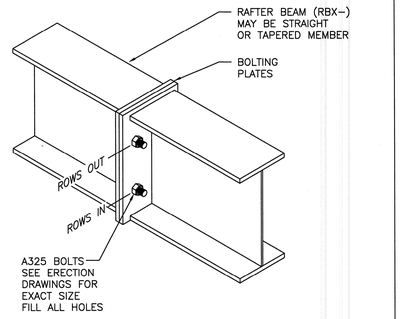
PF01A2V1



LEAN–TO BEAM ATTACHMENT — PF02D2

AT EAVE LEAN–TO

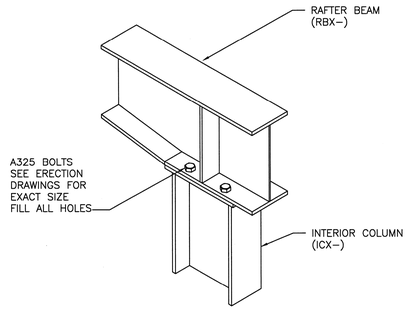
PF02D2V5 R 08/08/2006



RAFTER BEAM CONNECTION — PF03A1

RAKE BEAM OR FULL FRAME

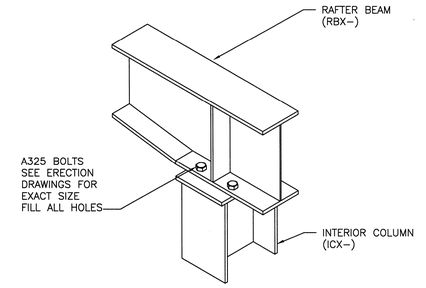
PF03A1V3 01/20/2004



INTERIOR COLUMN CONNECTION — PF05A1

FULL FRAME

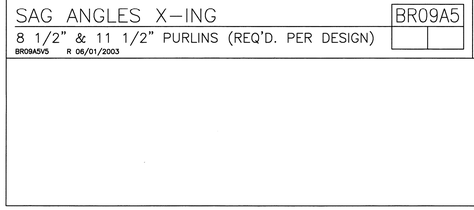
PF05A1V2 09/01/2001



TURNED INTERIOR COLUMN CONNECTION — PF05A2

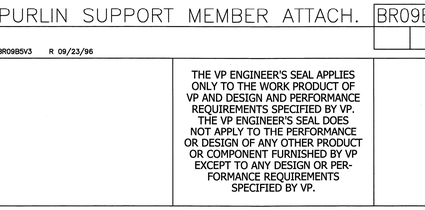
FULL FRAME

PF05A2V2 09/01/2001



RAKE BEAM CONNECTION — PF10X1

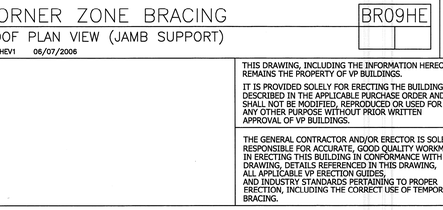
TO ENDPOST



ENDPOST TO FULL FRAME — PF10C3

FULL FRAME ENDWALL

PF10C3V5 R 06/24/2008



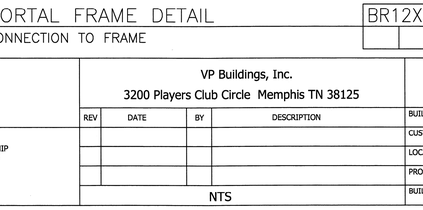
NOTE: WHEN INSTALLING ROOF PANEL STRUCTURAL FASTENERS, AVOID FASTENING THRU PIGGYBACK CANOPY BEAMS.

PIGGYBACK CANOPY BEAM — PF20C1

ATTACHMENT TO INTERIOR FRAME

PF20C1V5 R 02/09/2006

11 1/2" PURLINS REQUIRE 3 BOLTS AT EACH END OF PURLIN LAP.



FLANGE BRACE REQUIREMENTS:

RULE#1– ALL FLANGE BRACES ON CROSS SECTIONS MUST BE INSTALLED.
RULE#2– SINGLE FLANGE BRACES ARE REQUIRED WHEN PART MARK ON CROSS SECTION IS NOT ACCOMPANIED BY (2).
RULE#3– FLANGE BRACES ARE REQUIRED BOTH SIDES OF THE FRAME WEB WHEN PART MARK IS ACCOMPANIED BY (2).
RULE#4– WHENEVER POSSIBLE, PLACE SINGLE BRACES TOWARD THE CENTER OF THE BUILDING.
RULE#5– WHENEVER POSSIBLE, PLACE ALL SINGLE BRACES ON THE SAME SIDE OF THE FRAME WEB.

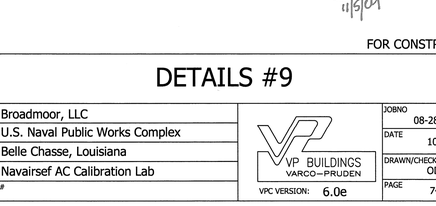
TYPICAL FLANGE BRACE CONNECTIONS — BR06BD

CONTINUOUS PURLIN LAP SHOWN, CONTINOUS GIRT AND SIMPLE PURLIN AND GIRT SIMILAR.

BR06BDV7 R 11/10/2005

INSERT SAG ANGLE TAB INTO PURLIN SLOTS AND BEND TAB FLAT.

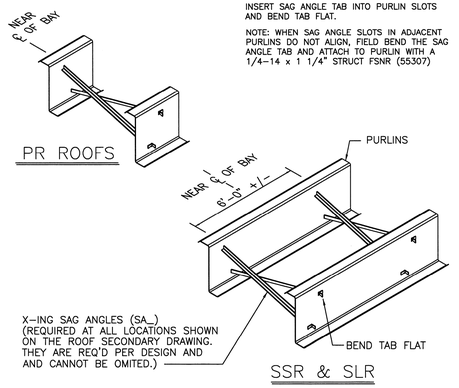
NOTES:
–WHEN SAG ANGLE SLOTS IN ADJACENT PURLINS DO NOT ALIGN, FIELD BEND THE SAG ANGLE TAB AND ATTACH TO PURLIN WITH A 1/4–14 x 1 1/4" STRUCT FSNR (55307)
–USE UPPER SET OF SLOTS AT 11 1/2" PURLINS



OPTIONAL ERECTION SAG ANGLES — BR09A4

SAG ANGLE INSTALLATION

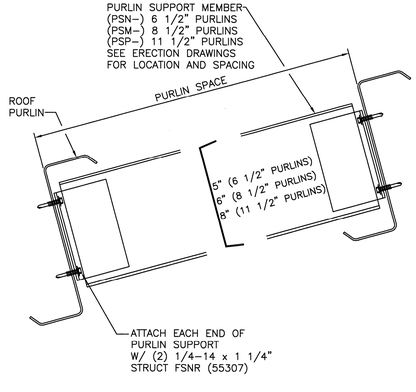
BR09A4V2 R 06/01/2003



SAG ANGLES X–ING — BR09A5

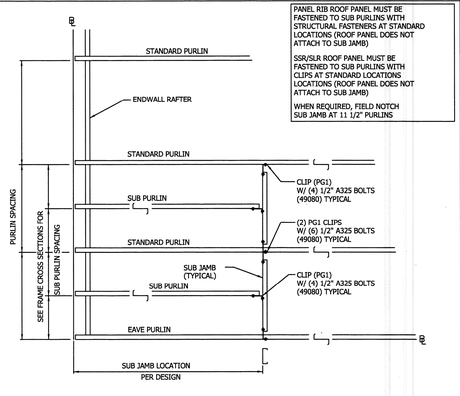
8 1/2" & 11 1/2" PURLINS (REQ'D. PER DESIGN)

BR09A5V5 R 06/01/2003



PURLIN SUPPORT MEMBER ATTACH. — BR09B5

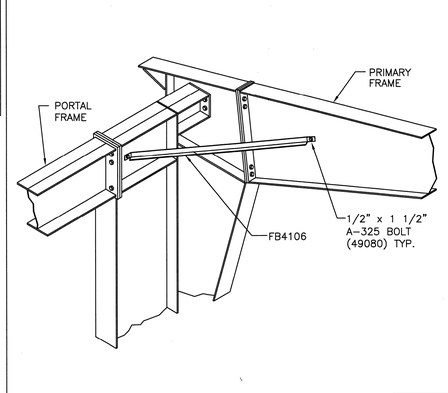
BR09B5V3 R 09/23/96



CORNER ZONE BRACING — BR09HE

ROOF PLAN VIEW (JAMB SUPPORT)

BR09HEV1 06/07/2006



PORTAL FRAME DETAIL — BR12X1

CONNECTION TO FRAME



FOR CONSTRUCTION

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

REV	DATE	BY	DESCRIPTION

NTS

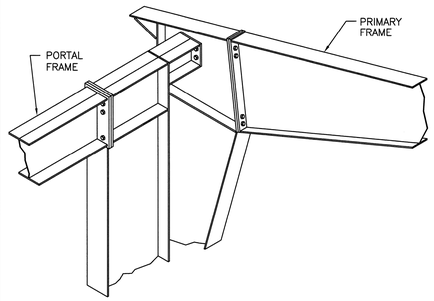
DETAILS #9

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO–PRUDEN

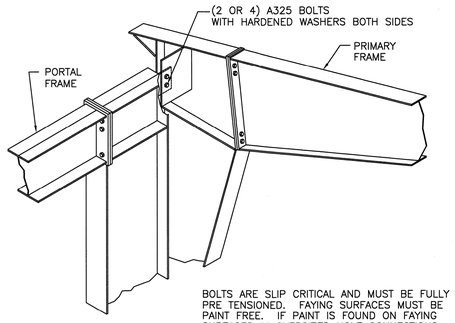
VPC VERSION: 6.0e

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	74 OF 80



PORTAL FRAME DETAIL — BR12X2

CONNECTION TO FRAME

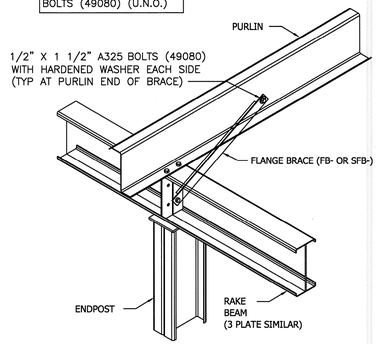


BOLTS ARE SLIP CRITICAL AND MUST BE FULLY PRE TENSIONED. FAYING SURFACES MUST BE PAINT FREE. IF PAINT IS FOUND ON FAYING SURFACES IN OVERSIZED HOLE CONNECTIONS REMOVE WITH LIGHT GRINDING.

PORTAL FRAME DETAIL — BR12X3

CONNECTION TO FRAME

NOTE: ALL BOLTS TO BE 1/2" X 1 1/2" A325 BOLTS (49080) (U.N.O.)

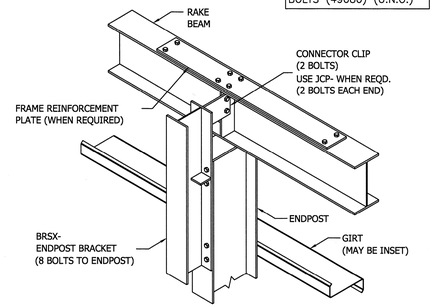


ENDPOST TOP BRACING — BR25A1

ENDPOST WITHIN 6" OF PURLIN

BR25A1V1 10/10/2006

NOTE: ALL BOLTS TO BE 1/2" X 1 1/2" A325 BOLTS (49080) (U.N.O.)

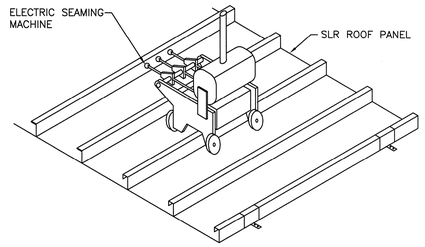


TOP OF ENDPOST — BR25BD

ENDPOST BRACKET TO RAKE BEAM

BR25BD 9/12/2006

CAUTION: EXTREME CARE SHOULD BE USED WHILE OPERATING SEAMING MACHINE NEAR EDGES OF ROOF.



IN PREPARATION OF THE SEAMING OPERATION, ALL CONSTRUCTION DEBRIS SHOULD BE REMOVED FROM THE ROOF TO PREVENT MACHINE DAMAGE AND/OR ROOF DAMAGE.

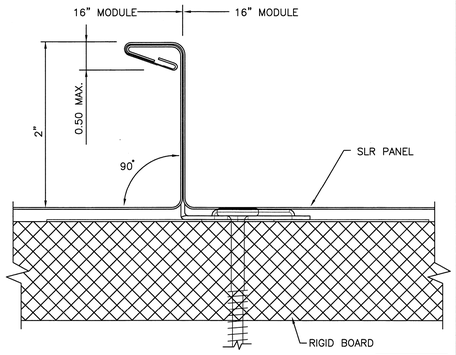
ALL EXCESS SEALANT SHOULD BE REMOVED FROM THE SLR RIBS. REFER TO THE OWNERS MANUAL (INCLUDED WITH THE SEAMING MACHINE) FOR SAFE AND PRACTICAL SEAMING OPERATIONS.

SLR SEAMING MACHINE DETAIL — EN01A1

SLR ROOF

EN01A1V4 R 10/19/2005

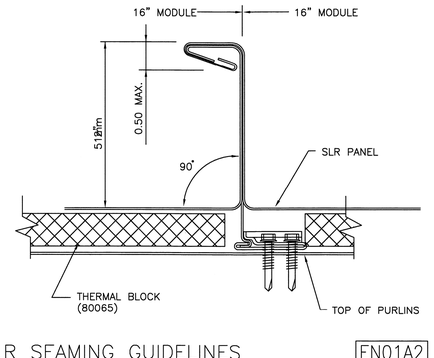
IT IS THE RESPONSIBILITY OF THE ERECTOR TO INSURE PROPER SEAM TIGHTNESS. FAILURE TO PROPERLY SEAM THE JOINT MAY RESULT IN PREMATURE FAILURE OF PANELS AND/OR SECONDARY MEMBERS UNDER UPLIFT OR DOWNWARD LOADING CONDITIONS.



SLR SEAMING GUIDELINES — EN01X2

RIB & SEAM PROFILE

IT IS THE RESPONSIBILITY OF THE ERECTOR TO INSURE PROPER SEAM TIGHTNESS. FAILURE TO PROPERLY SEAM THE JOINT MAY RESULT IN PREMATURE FAILURE OF PANELS AND/OR SECONDARY MEMBERS UNDER UPLIFT OR DOWNWARD LOADING CONDITIONS.

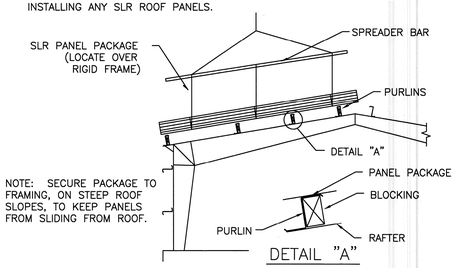


SLR SEAMING GUIDELINES — EN01A2

RIB & SEAM PROFILE

EN01A2V5 R 07/25/2007

IT IS IMPERATIVE THAT THE FRAMING BE PLUMB AND SQUARE BEFORE INSTALLING ANY SLR ROOF PANELS.

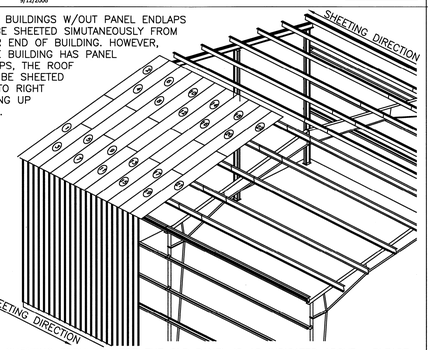


TO FACILIATE THE HANDLING OF SLR PANELS, PANEL PACKAGES CAN BE LIFTED AND PLACED ON THE ROOF IF LOCATED AT A RIGID FRAME AND WITH BLOCKING IN PLACE TO PREVENT THE PURLINS FROM ROLLING OVER. WHEN LIFTING PACK-AGED SHEETS, MAKE CERTAIN THAT THEY ARE ADEQUATELY SUPPORTED. PANELS LESS THAN 20' IN LENGTH CAN NORMALLY BE LIFTED WITH A FORKLIFT. HOWEVER, WHEN LIFTING PANELS IN EXCESS OF 20', IT IS RECOMMENDED THAT A SPREADER BAR AND SLINGS BE USED. AS A RULE WHEN LIFTING, NO MORE THAN 1/3 OF THE PANEL SHOULD BE LEFT UNSUPPORTED.

SLR PANEL PACKAGE HANDLING — EN01A3

EN01A3V1 05/01/95

GABLE BUILDINGS W/OUT PANEL ENDLAPS CAN BE SHEETED SIMUTANEOUSLY FROM EITHER END OF BUILDING. HOWEVER, IF THE BUILDING HAS PANEL ENDLAPS, THE ROOF MUST BE SHEETED LEFT TO RIGHT LOOKING UP SLOPE.



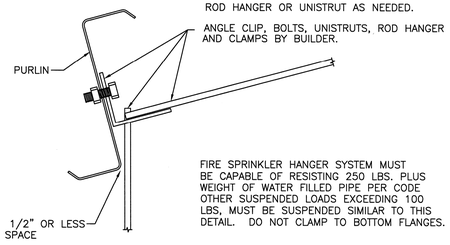
THE SHEETING SEQUENCE FOR THE SLR PANEL IS AS INDICATED ABOVE. PLEASE NOTE THE PLACEMENT OF THE PANELS BY THE CIRCLED NUMBERS. THE UPHILL PANEL AT AN ENDLAP WILL BE SWEDGED ON THE LOWER END FOR NESTING PURPOSES. ENDLAPS OF ADJACENT PANELS MUST BE STAGGERED AT LEAST ONE PURLIN SPACE TO PREVENT MATERIAL BUILD-UP.

SLR PANEL LAYOUT — EN01A4

SHEETING DIRECTION AND PANEL SEQUENCE

EN01A4V1 05/01/95

SELF DRILLING FASTENER OR BOLT AT CENTERLINE OF PURLIN OR HIGHER. FIELD DRILL HOLES.

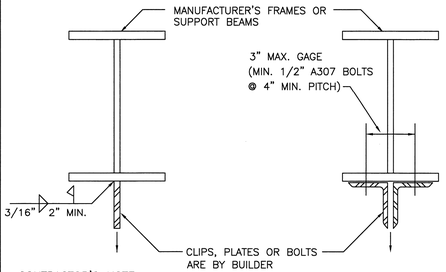


CONTRACTOR'S NOTE: ANY LOADS OVER 400 LBS. APPLIED TO MANUFACTURER'S MEMBERS SUCH AS HVAC, LIGHTING, DUCTING, PIPE SUPPORTS ETC. MUST BE LATERALLY BRACED TO THE MAIN BUILDING'S LATERAL LOAD RESISTING ELEMENTS (PURLIN BRACING STRUTS OR PRIMARY FRAMES) AS REQUIRED BY CODE FOR SEISMIC LOADS. BRACING MUST BE PROVIDED AND INSTALLED BY CONTRACTOR AND MUST RESIST LATERAL LOADS EQUAL TO THE WEIGHT OF THE SUSPENDED UNIT OR AS REQUIRED BY CODE, WHICHEVER IS LESS.

SUSPENDED LOADS — EN10A1

FROM PURLINS – 100 LB. LOADS OR GREATER

EN10A1V4 R 08/11/2008

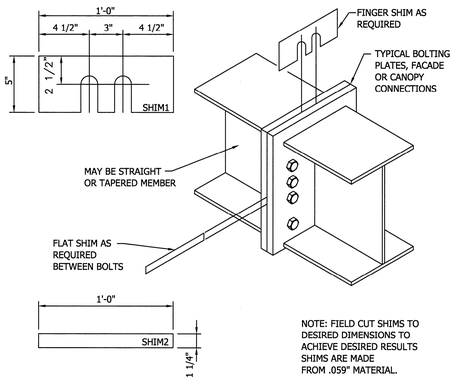


CONTRACTOR'S NOTE:
FIELD DRILL OR FIELD WELD SUSPENSION ANGLES OR PLATES.
ALLOWABLE LOAD = 1 KIP PER PAIR OF BOLTS
= 1.4 KIPS PER INCH OF WELD WITHOUT INSPECTION
= 2.8 KIPS PER INCH OF WELD WITH INSPECTION
ADD PAIRS OF BOLTS OR INCHES OF WELD TO RESIST DESIRED CONCENTRATED LOAD. LOADS LESS THAN 500 LBS MAY BE SUSPENDED USING CLAMPS. (1 1/2" FROM EDGE OF FLANGE).
CONCENTRATED LOADS SHALL NOT EXCEED USER DEFINED COLLATERAL LOADING INDICATED ON THE PURCHASE ORDER AND IN MFG'S. CALCULATIONS.

SUSPENDED LOADS — EN10A2

FROM STRUCTURAL BEAMS

EN10A2V2 R 08/11/2008



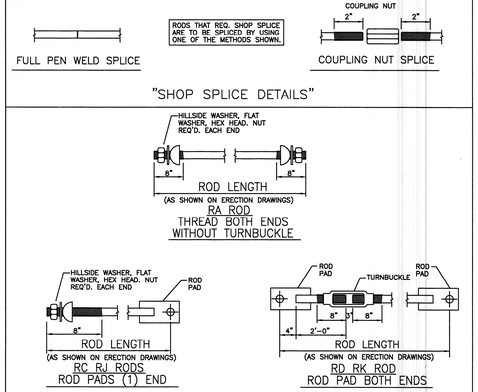
NOTE: FIELD CUT SHIMS TO DESIRED DIMENSIONS TO ACHIEVE DESIRED RESULTS SHIMS ARE MADE FROM .059" MATERIAL.

STANDARD SHIM PROCEDURE — EN20A1

TYPICAL AT ANY BOLTED CONNECTION

EN20A1V2 R 06/31/98

RODS THAT REQ. SHOP SPLICE ARE TO BE SPLICED BY USING ONE OF THE METHODS SHOWN.



ROD BRACE ASSEMBLY DRAWING — EN30A1

EN30A1V6 R 05/15/2006

```
F = FEET      G = GAGE
I = INCHES    O = OPERATION
E = EIGHTHS   C = FIN/COLOR

PANEL/COVERING
W 1 3 1 1 7 2 6 1 K T D
* F F I I E G G O C C C
  LENGTH    CODE

INSULATION
I B 1 3 0 1 0 3 6 0 3 0 W V
* * F F F I I I I I E C C
     LENGTH  WIDTH THK  CODE

SECONDARY (STANDARD)
O 1 G 1 9 1 1 4 1 7
* * * F F I I E G G
       LENGTH    CODE

SECONDARY (SPECIAL)
O O 1 G 1 9 1 1 4 1 7
* * * * F F I I E G G
       LENGTH    CODE

ROD BRACING
O 3 R A 2 5 1 0
I E * * F F I I
DIA     LENGTH
```

```
CX***  = COLUMN (PLATE)
CGX*** = COLUMN (GAGE)
WCX*** = COLUMN (HOTROLL)

RBX*** = RAFTER (PLATE)
BGX*** = RAFTER (GAGE)
WRX*** = RAFTER (HOTROLL)
TRX*** = TRUSS RAFTER

ICX*** = INTERIOR COLUMN
PCX*** = PIPE COLUMN
TCX*** = TUBE COLUMN

EPX*** = ENDPOST (PLATE)
EGX*** = ENDPOST (GAGE)

CBX*** = CANOPY (PLATE)
DCCBX*** = CANOPY (GAGE)
CBX*** = PIGGYBACK CANOPY
```

MARK NUMBER KEY — EN50A1

COMMON GENERATED MARK NUMBERS

EN50A1V5 R 11/04/2005

RONNIE D. PALMER REG. No. 16328 REGISTERED PROFESSIONAL ENGINEER STATE OF TENNESSEE 11/5/09

FOR CONSTRUCTION

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

REV	DATE	BY	DESCRIPTION

NTS

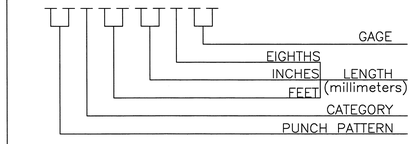
DETAILS #10

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

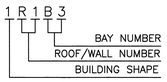
VP BUILDINGS VARCO–PRUDEN

VPC VERSION: 6.0e

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	75 OF 80



01=SIMPLE INTERIOR
02=SIMPLE 1' END BAY
03=SIMPLE 6' END BAY
04=END HOLE ONLY
05=INSET NOTCH
06=NO HOLES



THE BAY/BUNDLE CODE IDENTIFIES THE BUILDING ROOF/WALL PLANE AND BAY

LAP	6' END BAY	1' END BAY	INTERIOR BAY	MEMBER DEPTHS
1'-0"	20	30	40	6 1/2", 8 1/2"
1'-6"	21	31	41	6 1/2", 8 1/2"
2'-0"	22	32	42	6 1/2", 8 1/2", 11 1/2"
3'-0"	24	34	44	6 1/2", 8 1/2", 11 1/2"
4'-0"	26	36	46	6 1/2", 8 1/2", 11 1/2"

SECONDARY PUNCH PATTERNS — EN51A1

COMMON GENERATED MARK NUMBERS

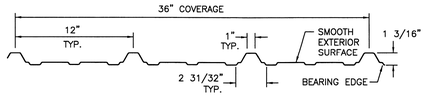
EN51A1V2 R 03/16/2005

PR WALL PANEL MARK NO.: W F F I I E G G O C C C
LENGTH CODE

PR ROOF PANEL MARK NO.: R F F I I E G G O C C C
LENGTH CODE

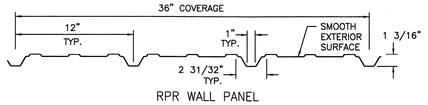
PR RIDGE PANEL MARK NO.: P F F I I E G G O C C C
LENGTH CODE

F = FEET
I = INCHES
E = EIGHTHS
G = GAGE
O = OPERATION
C = FIN/COLOR



PANEL RIB ROOF AND WALL PANEL (PR)

RPR WALL PANEL MARK NO.: R R F F I I E G G O C C C
LENGTH CODE



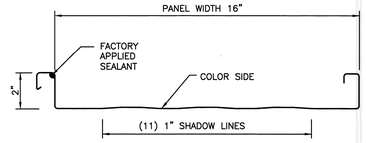
RPR WALL PANEL

PR ROOF & PR/RPR WALL PANELS — EN52A1

EN52A1V3 R 05/31/2005

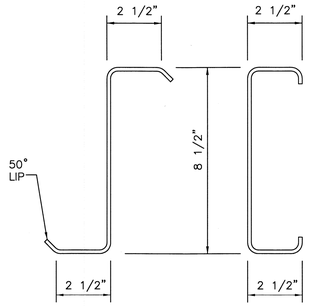
F = FEET
I = INCHES
E = EIGHTHS
G = GAGE
O = OPERATION
C = FIN/COLOR

SLR2 ROOF PANEL MARK NO.: RS2 F F I I E G G O C C C
LENGTH CODE



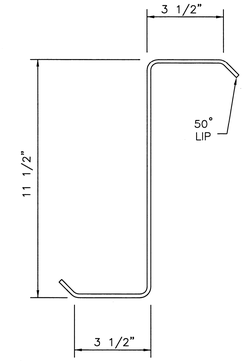
SLR2 ROOF PANELS — EN52E1

EN52E1V2 R 09/20/2004



8 1/2 GIRTS / PURLINS — EN53A1

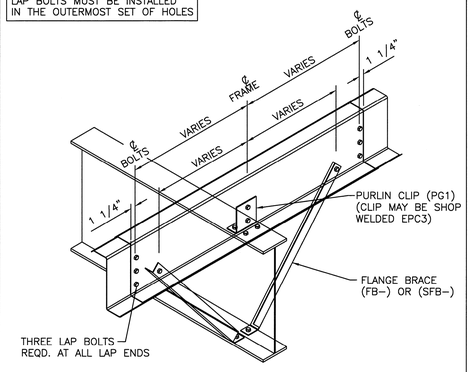
EN53A1V1 09/01/2001



11 1/2 PURLIN — EN53C1

EN53C1V1 09/01/2001

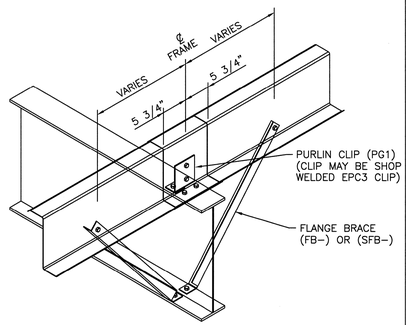
NOTE:
LAP BOLTS MUST BE INSTALLED IN THE OUTERMOST SET OF HOLES



PURLINS AT INTERIOR FRAME — RS01D1

11 1/2" CONTINUOUS PURLINS

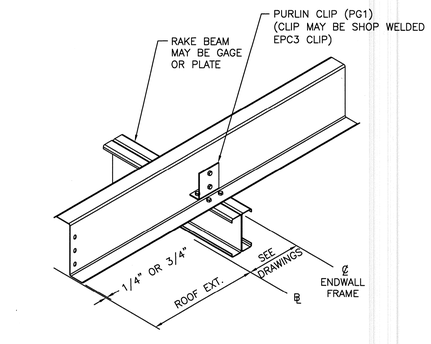
RS01D1V9 R 06/25/2007



PURLINS AT INTERIOR FRAME — RS01G1

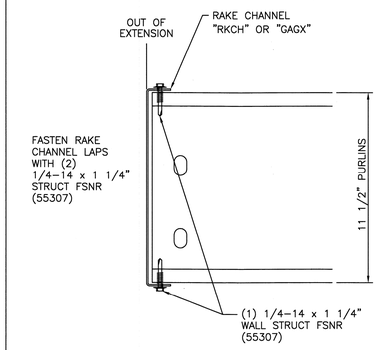
11 1/2" SIMPLE PURLINS

RS01G1V8 R 06/25/2007



ONE PIECE ROOF EXTENSION — RS02X1

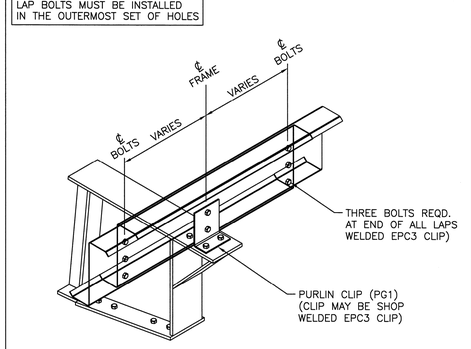
11 1/2" PURLINS



RAKE CHANNEL TO PURLIN (SLR) — RS10X1

11 1/2" PURLINS

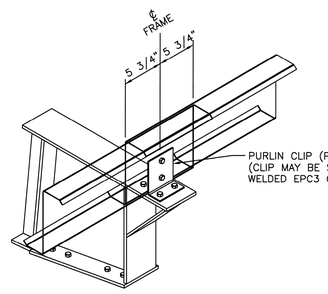
NOTE:
LAP BOLTS MUST BE INSTALLED IN THE OUTERMOST SET OF HOLES



LOW EAVE PURLIN, INTERIOR FRAME — RS11D1

11 1/2" CONTINUOUS PURLINS

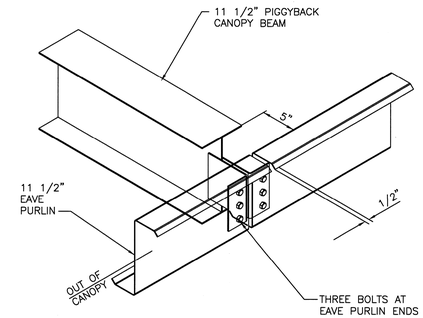
RS11D1V11 R 06/25/2007



LOW EAVE PURLIN, INTERIOR FRAME — RS11G1

11 1/2" SIMPLE PURLINS

RS11G1V10 R 06/25/2007

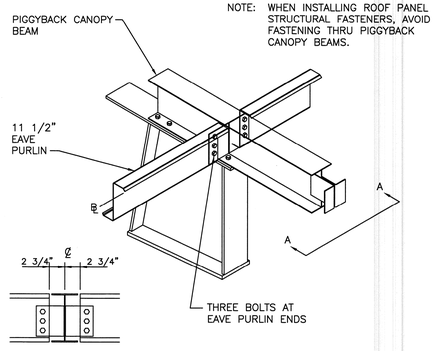


NOTE: WHEN APPLYING ROOF PANEL STRUCTURAL FASTENERS, AVOID FASTENING THRU PIGGYBACK CANOPY BEAMS.

EAVE PURLIN TO P.B. CANOPY BM — RS11G4

11 1/2" PURLIN (INTERIOR FRM)

RS11G4V6 R 08/21/2007



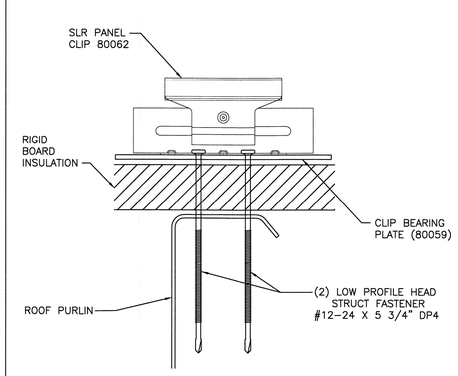
NOTE: WHEN INSTALLING ROOF PANEL STRUCTURAL FASTENERS, AVOID FASTENING THRU PIGGYBACK CANOPY BEAMS.

SECTION A-A

EAVE PURLIN TO P.B. CANOPY BM — RS11G5

11 1/2" PURLIN (EAVE PURLIN @ B.L.)

RS11G5V6 R 08/21/2007



SLR PANEL CLIP ATTACHMENT — RC01X4

RIGID BOARD INSULATION

RONNIE D. PALMER
REG. No. 15328
PROFESSIONAL ENGINEER
STATE OF TENNESSEE
11/9/09

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

REV	DATE	BY	DESCRIPTION

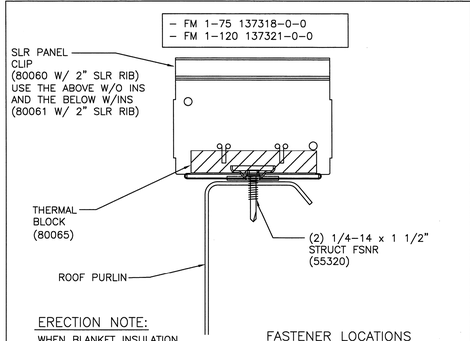
NTS

DETAILS #11

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO-PRUDEN
VPC VERSION: 6.0e

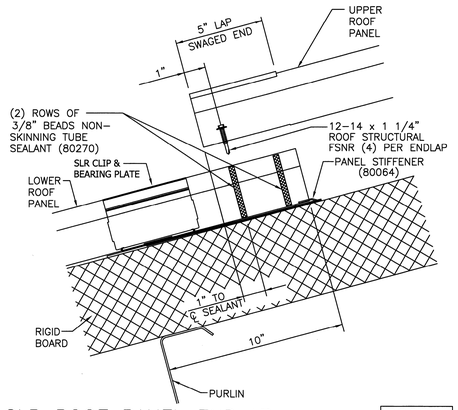
JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	76 OF 80



SLR PANEL CLIP ATTACHMENT — RC01T1

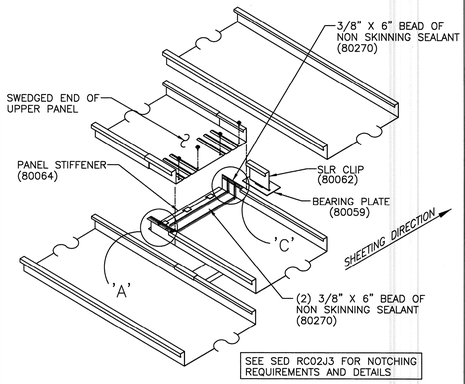
NONE TO 6" BLANKET INSULATION ON PURLINS

RC01T1V5 R 08/11/2008



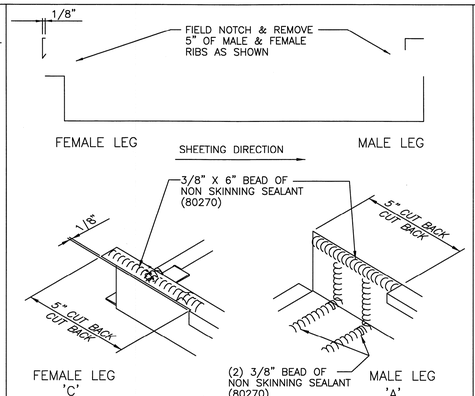
SLR ROOF PANEL ENDLAP — RC02X1

RIGID BOARD INSULATION PURLINS



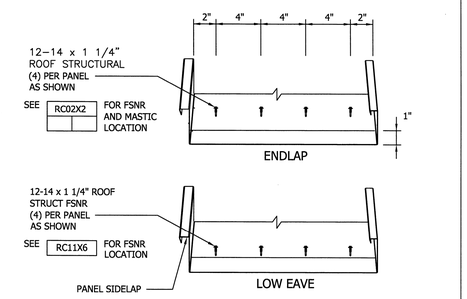
SLR STAGGERED PANEL ENDLAP — RC02X2

ISOMETRIC VIEW



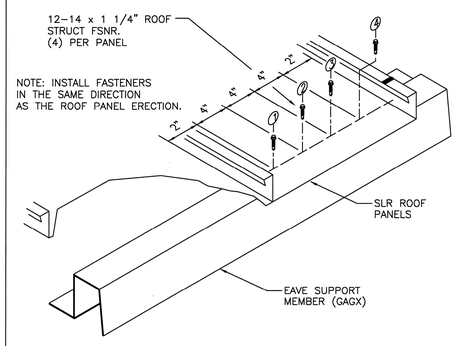
SLR ENDLAP AND NOTCH DETAILS — RC02J3

RC02J3V1 08/01/2005

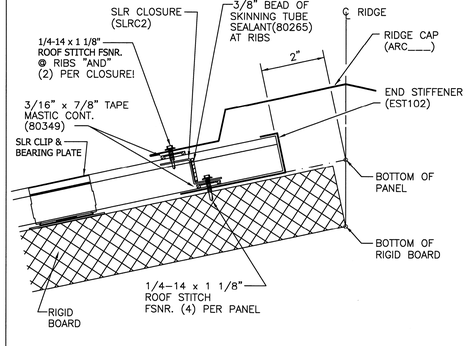


SLR ROOF FASTENER PATTERNS — RC04X5

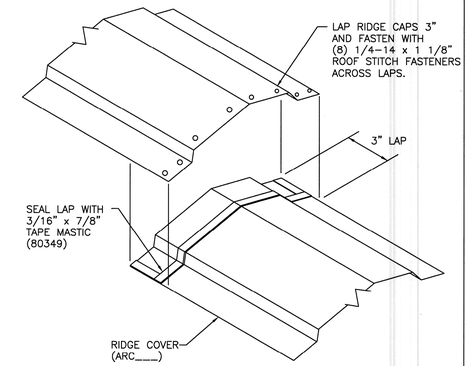
STANDARD



SLR LOW EAVE ATTACHMENT — RC11X6

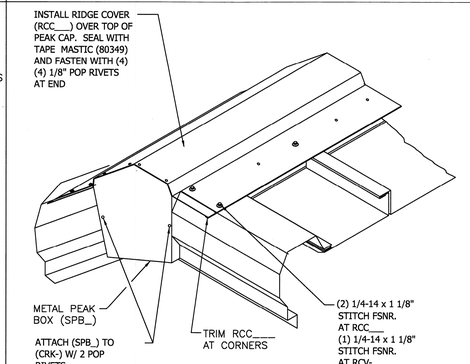


SLR RIDGE COVER — RC12X1



SLR RIDGE COVER — RC34X3

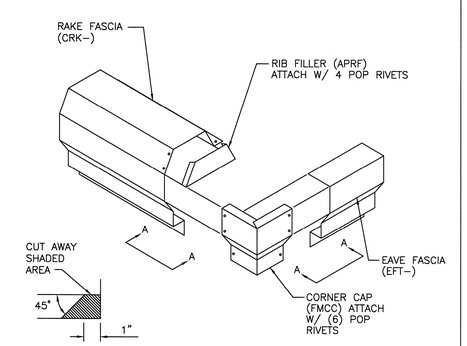
RIDGE CAP END SPLICE DETAIL



SLR RIDGE COVER — RC34G4

RIDGE COVER AT RAKE FASCIA

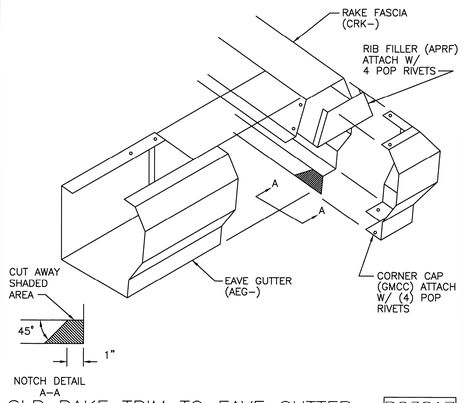
RC34GBV6 R 04/06/2007



SLR RAKE TRIM TO EAVE TRIM — RC38A6

EAVE ASSEMBLY

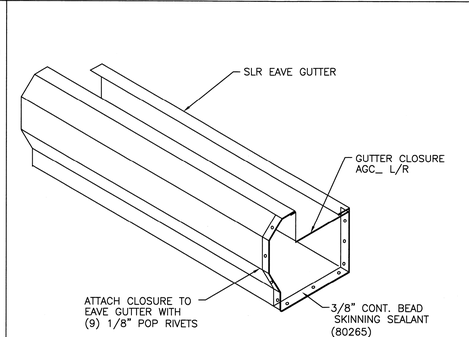
RC38A6V2 R 08/15/2006



SLR RAKE TRIM TO EAVE GUTTER — RC38A7

EAVE ASSEMBLY

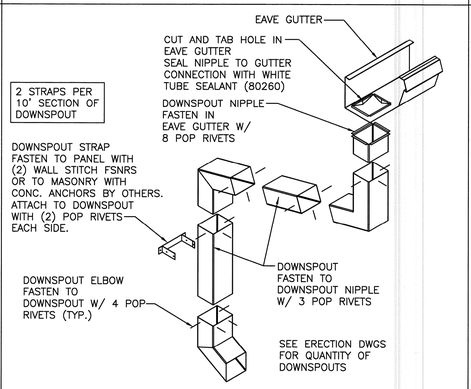
RC38A7V2 R 08/15/2006



SLR GUTTER ENDCAP — RC38GG

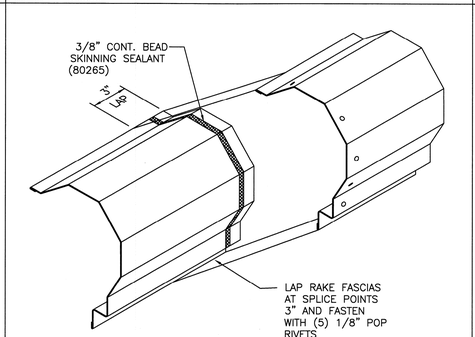
RIGHT HAND SHOWN, LEFT HAND OPPOSITE

RC38GGV6 R 10/25/2006



DOWNSPOUT ASSEMBLY — RC38X1

ALL SYSTEMS (WITH CANOPY)



SLR TRIM SPLICES — RC38GB

RAKE FASCIA SPLICE

RC38GBV3 R 08/01/2005

RONNIE D. PALMER REG. NO. 16329 REGISTERED PROFESSIONAL ENGINEER STATE OF TENNESSEE

11/5/09

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

REV	DATE	BY	DESCRIPTION

NTS

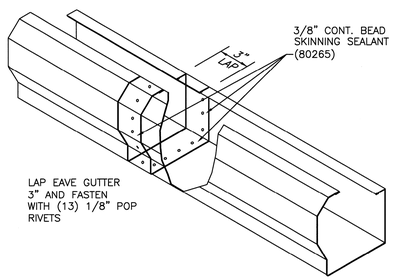
DETAILS #12

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO–PRUDEN

VPC VERSION: 6.0e

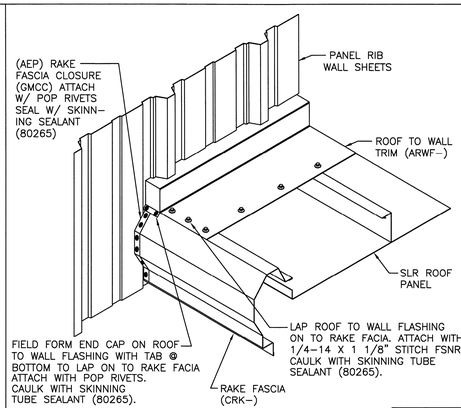
JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	77 OF 80



SLR TRIM SPLICES — RC38GF

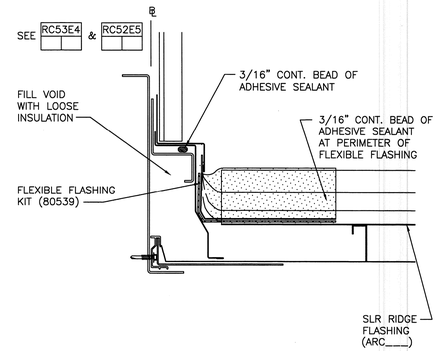
EAVE GUTTER SPLICE

RC38GFV3 R 08/01/2005



WALL TO ROOF TRANS. AT RAKE — RC50X3

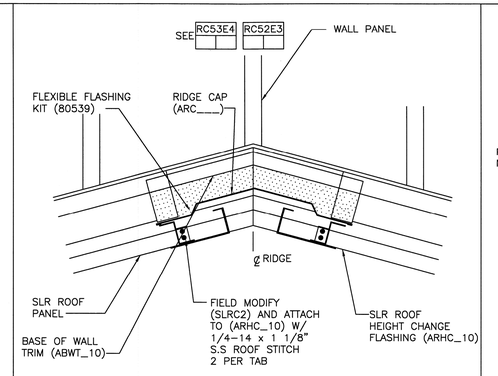
SLR (VIEWED FROM ROOF)



ROOF HEIGHT CHANGE FLASHING — RC52E3

SLR ROOF AT PEAK

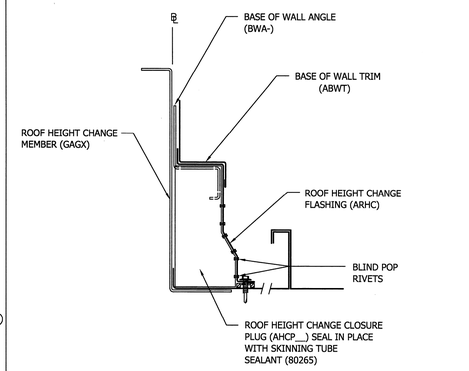
RC52E3V6 R 05/05/2008



ROOF HEIGHT CHANGE FLASHING — RC52E5

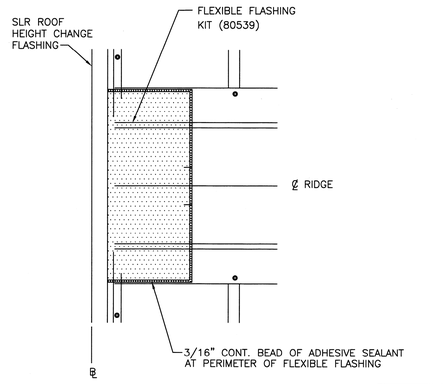
SLR ROOF AT PEAK (METAL FLASHING)

RC52E5V5 R 05/05/2008



ROOF HEIGHT CHANGE END CAP — RC52X6

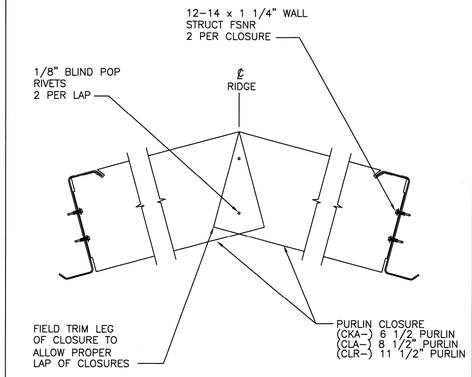
SLR ROOF



ROOF HEIGHT CHANGE FLASHING — RC53E4

SLR ROOF AT PEAK (METAL FLASHING)

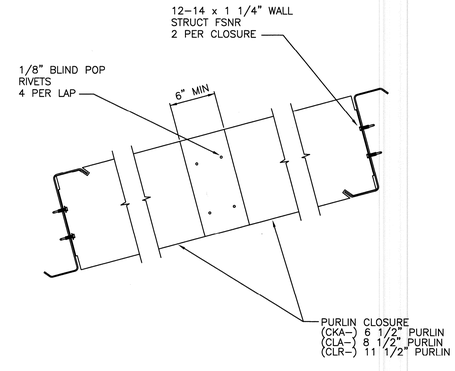
RC53E4V4 R 05/05/2008



PURLIN CLOSURES — RC80A2

RIDGE PURLINS

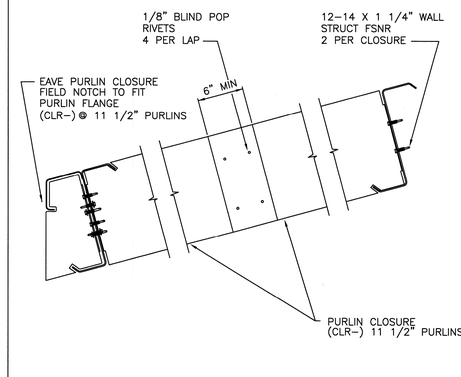
RC80A2V3 R 03/09/2004



PURLIN CLOSURES — RC80A3

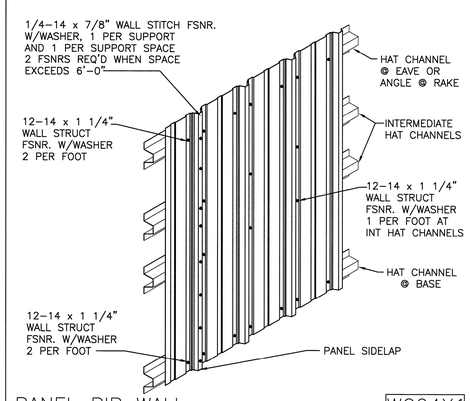
PURLIN TO PURLIN

RC80A3V3 R 03/09/2004



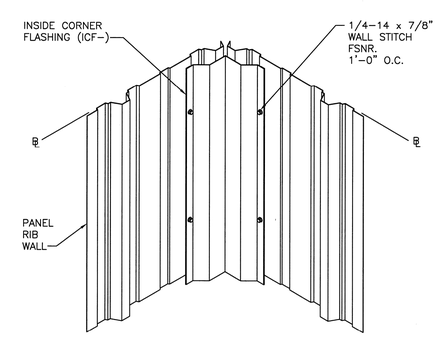
PURLIN CLOSURES — RC80X1

WELDED EAVE PURLIN TO PURLIN



PANEL RIB WALL — WC04X1

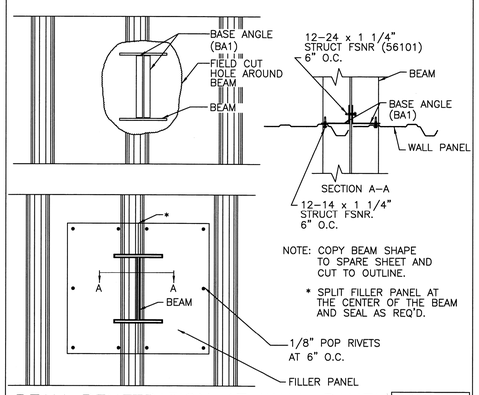
FASTENER PATTERNS



INSIDE CORNER FLASHING — WC21A1

PANEL RIB WALL

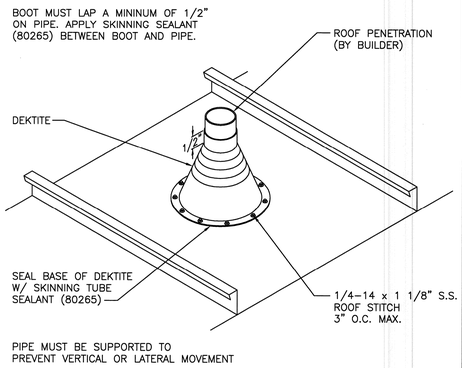
WC21A1V3 R 03/23/2004



BEAM PENETRATION AT WALL PANEL — WC82A1

PR, VR OR RPR WALLS

WC82A1V3 R 05/31/2005



DEKTITE INSTALLATION — RA14D1

SLR ROOF

RA14D1V3 R 08/11/2008



FOR CONSTRUCTION

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.

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

REV	DATE	BY	DESCRIPTION

NTS

DETAILS #13

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

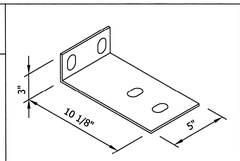
VP BUILDINGS VARCO–PRUDEN

VPC VERSION: 6.0e

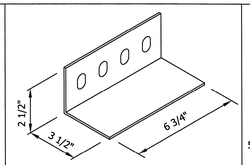
JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	78 OF 80

STANDARD CLIPS

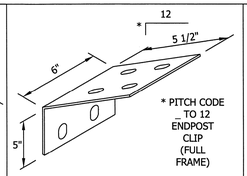
KEY TO MARK NUMBERS REFER TO EN50A1



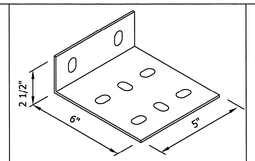
DOOR JAMB CLIP (OUTSET) — DJC1



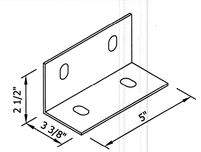
DOOR JAMB CLIP (INSET) — DJC2*



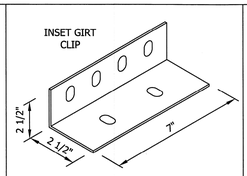
* PITCH CODE _ TO 12 ENDPOST CLIP (FULL FRAME) — FFC_ *



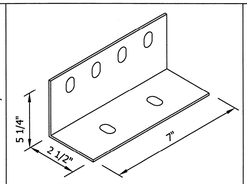
OUTSET GIRT CLIP — GC4



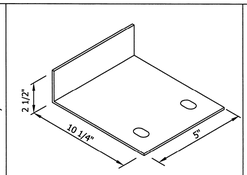
INSET GIRT CLIP — GC5



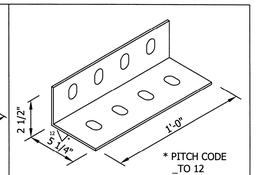
GC6



INSET GIRT CLIP — GC8

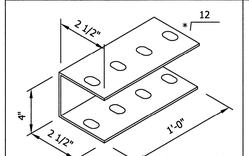


CORNER COL. CONN. TO RAKE CHANNEL — GC9



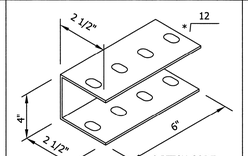
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OUTSET GIRT CLIP (FULL FRAME) — GC10*



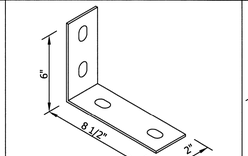
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GIRT CONN. CLIP (OUTSET) — GC11*

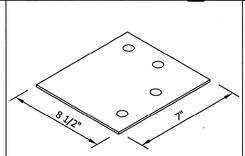


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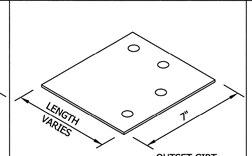
GIRT CONN. CLIP (INSET) — GC12*



PURLIN CONN. CLIP — GC16

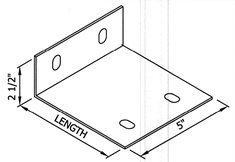


OUTSET GIRT CORNER CLIP — GCC072084



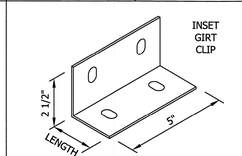
GCC072 — EIGHTHS INCHES THK. (EIGHTHS) WIDTH (INCHES)

OUTSET GIRT CORNER CLIP (GEN.) — GCC_



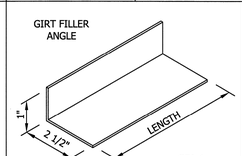
GCD05 — EIGHTHS INCHES THK. (EIGHTHS) WIDTH (INCHES)

GCD_



GCE05 — EIGHTHS INCHES THK. (EIGHTHS) WIDTH (INCHES)

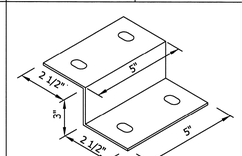
GCE_



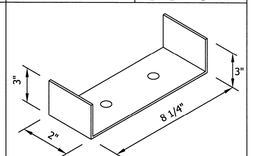
GFA — INCHES FEET — O'ALL LENGTH

GFA-1 LENGTH=1'-6"

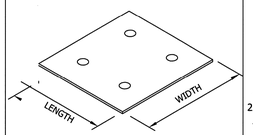
GFA_



GIRT CONN. CLIP TO EAVE PURLIN — GPC1

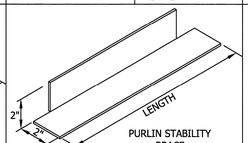


JAMB BASE CLIP — JBC1



JC — EIGHTHS INCHES THK. (EIGHTHS) WIDTH (INCHES) CATEGORY

JAMB TO COL. CONN. PLATE — JC_

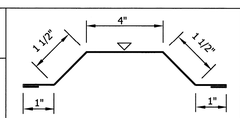


PSB — EIGHTHS INCHES FEET — LENGTH

PURLIN STABILITY BRACE — PSB_

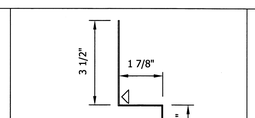
STANDARD TRIM

TRIM COLOR NOTE
△ DESIGNATES COLOR SIDE



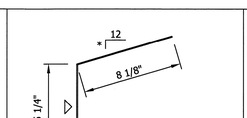
AT — NOM. LENGTH

ADAPTOR TRIM — AT_



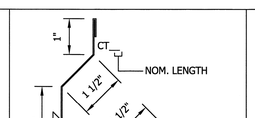
BT — NOM. LENGTH

BASE TRIM — BT_

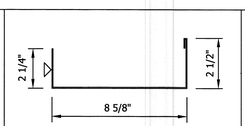


CET — * PITCH CODE * TO 12 NOM. LENGTH

CANOPY EAVE TRIM — CET_

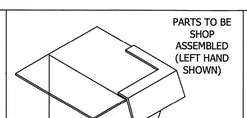


CORNER TRIM — CT_



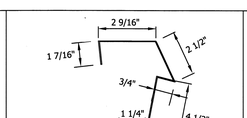
DF — NOM. LENGTH

DOOR FLASHING — DF_



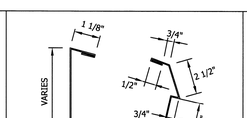
EA — * L/R HAND PITCH CODE- * TO 12

EAVE ASSEMBLY — EA_



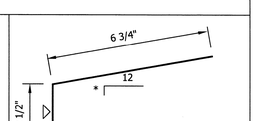
EF — * PITCH CODE- NOM. LENGTH * TO 12

EAVE FASCIA — EF_



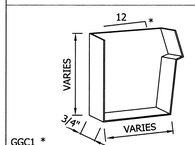
EG — * PITCH CODE- NOM. LENGTH * TO 12

EAVE GUTTER — EG_



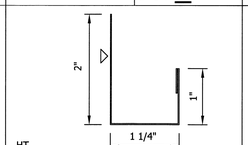
PITCH CODE- NOM. LENGTH * TO 12

EAVE TRIM — ET_



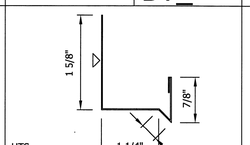
GGC1 — * PITCH CODE- * TO 12

GUTTER CLOSURE — GGC_



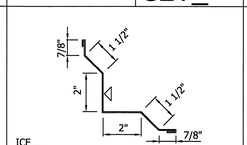
HT — NOM. LENGTH

HEADER TRIM — HT_



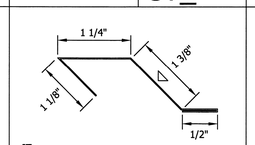
HTS — NOM. LENGTH

HEADER TRIM — HTS_



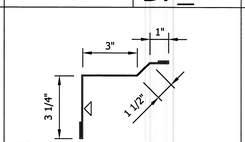
ICF — NOM. LENGTH

INSIDE CORNER TRIM — ICF_



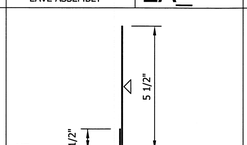
JT — NOM. LENGTH

JAMB TRIM — JT_



MS — NOM. LENGTH

MASONRY TRIM — MS_



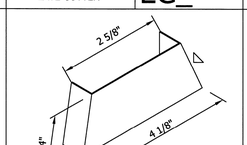
MT — NOM. LENGTH

MASONRY EAVE TRIM — MT_

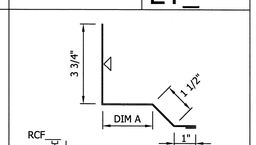


PKF — * PITCH CODE- NOM. LENGTH * TO 12

PEAK FASCIA — PKF_

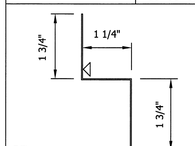


PANEL RIB FILLER — PRF1



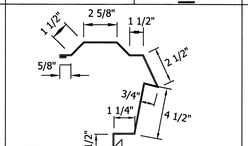
DIMENSIONAL CODE NOMINAL LENGTH

ROOF HEIGHT CHANGE FLASHING — RCF_



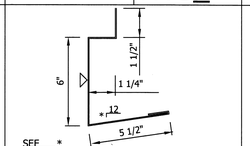
NOM. LENGTH

RAKE CLOSURE — RCL_



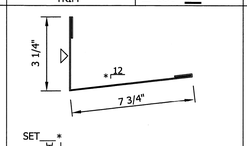
NOM. LENGTH

RAKE FASCIA — RKF_



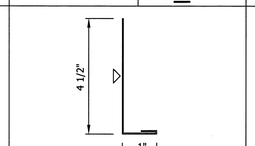
PITCH CODE- NOM. LENGTH * TO 12

SOFFIT EAVE FLASH — SEF_



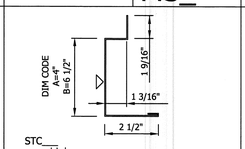
PITCH CODE- NOM. LENGTH * TO 12

SOFFIT EAVE TRIM — SET_



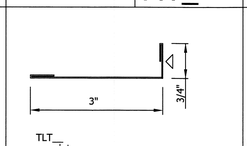
NOM. LENGTH

SOFFIT TRIM — ST_



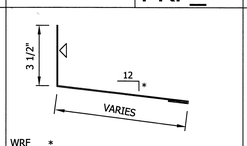
DIMENSIONAL CODE NOMINAL LENGTH

SOFFIT TRIM (ROOF EXT.) — STC_



NOM. LENGTH

TUF-LITE TRIM — TLT_



PITCH CODE- NOM. LENGTH * TO 12

WALL TO ROOF FLASHING — WRF_

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

REV	DATE	BY	DESCRIPTION

NTS

MRD #19

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO–PRUDEN

VPC VERSION: 6.0e

JOBNO	08-28883-EP1
DATE	10/30/09
DRAWN/CHECK	ODN/ODN
PAGE	79 OF 80

ROOF STRUCTURAL FASTENER

12-14 X 1 1/4" SS SCOTS (TEKS/2) WITH WASHER

MARK NUMBER	COLOR	MARK NUMBER	COLOR
57407	ARTIC WHITE	57421	FOREST GREEN
57403	ASH GRAY	57426	HEMLOCK GREEN
57406	CLASSIC BEIGE	57427	JADE GREEN
57415	COOL COLONIAL RED	59462	LEAF GREEN
57416	COOL DARK BRONZE	57422	MATTE BLACK
57417	COOL REGAL WHITE	57409	PATRICIAN BRONZE
57418	COOL SIERRA TAN	57423	REGAL BLUE
57419	COOL WEATHERED COPPER	57424	TAHOE BLUE
57420	COOL ZINC GREY	57425	TERRA COTTA
57401	EGYPTIAN WHITE	59464	ZINC GRAY
		57400	GALVALUME

ROOF STRUCTURAL FASTENER

12-14 X 1 1/2" SS SCOTS (TEKS/2) WITH WASHER

MARK NUMBER	COLOR	MARK NUMBER	COLOR
57807	ARTIC WHITE	57821	FOREST GREEN
57803	ASH GRAY	57826	HEMLOCK GREEN
57806	CLASSIC BEIGE	57827	JADE GREEN
57815	COOL COLONIAL RED	57812	LEAF GREEN
57816	COOL DARK BRONZE	57822	MATTE BLACK
57817	COOL REGAL WHITE	57809	PATRICIAN BRONZE
57818	COOL SIERRA TAN	57823	REGAL BLUE
57819	COOL WEATHERED COPPER	57824	TAHOE BLUE
57820	COOL ZINC GREY	57825	TERRA COTTA
57801	EGYPTIAN WHITE	57814	ZINC GRAY
		57800	GALVALUME

ROOF STITCH FASTENER

1/4-14 X 7/8" SS SCOTS (TEKS/1) WITH WASHER

MARK NUMBER	COLOR	MARK NUMBER	COLOR
57607	ARTIC WHITE	57612	LEAF GREEN
57603	ASH GRAY	57609	PATRICIAN BRONZE
57606	CLASSIC BEIGE	57623	REGAL BLUE
57615	COOL COLONIAL RED	57624	TAHOE BLUE
57617	COOL REGAL WHITE	57625	TERRA COTTA
57618	COOL SIERRA TAN	57614	ZINC GRAY
57601	EGYPTIAN WHITE	57600	GALVALUME

ROOF STITCH FASTENER

1/4-14 X 1 1/8" SS SCOTS (TEKS/1) WITH WASHER

MARK NUMBER	COLOR	MARK NUMBER	COLOR
57657	ARTIC WHITE	57671	FOREST GREEN
57653	ASH GRAY	57676	HEMLOCK GREEN
57656	CLASSIC BEIGE	57677	JADE GREEN
57665	COOL COLONIAL RED	59402	LEAF GREEN
57666	COOL DARK BRONZE	57672	MATTE BLACK
57667	COOL REGAL WHITE	57659	PATRICIAN BRONZE
57668	COOL SIERRA TAN	57673	REGAL BLUE
57669	COOL WEATHERED COPPER	57674	TAHOE BLUE
57670	COOL ZINC GREY	57675	TERRA COTTA
57651	EGYPTIAN WHITE	59404	ZINC GRAY
		57650	GALVALUME

WALL STRUCTURAL FASTENER

12-14 X 1 1/4" CARBON (TEKS/2) W/O WASHER

MARK NUMBER	COLOR	MARK NUMBER	COLOR
56467	ARTIC WHITE	56481	FOREST GREEN
56463	ASH GRAY	56486	HEMLOCK GREEN
56466	CLASSIC BEIGE	56487	JADE GREEN
56475	COOL COLONIAL RED	56471	LEAF GREEN
56476	COOL DARK BRONZE	56482	MATTE BLACK
56477	COOL REGAL WHITE	56459	PATRICIAN BRONZE
56478	COOL SIERRA TAN	56483	REGAL BLUE
56479	COOL WEATHERED COPPER	56484	TAHOE BLUE
56480	COOL ZINC GREY	56485	TERRA COTTA
56451	EGYPTIAN WHITE	56473	ZINC GRAY
		56461	GALVALUME

WALL STRUCTURAL FASTENER

12-14 X 1 1/2" CARBON (TEKS/2) W/O WASHER

MARK NUMBER	COLOR	MARK NUMBER	COLOR
56667	ARTIC WHITE	56681	FOREST GREEN
56663	ASH GRAY	56686	HEMLOCK GREEN
56666	CLASSIC BEIGE	56687	JADE GREEN
56675	COOL COLONIAL RED	56671	LEAF GREEN
56676	COOL DARK BRONZE	56682	MATTE BLACK
56677	COOL REGAL WHITE	56659	PATRICIAN BRONZE
56678	COOL SIERRA TAN	56683	REGAL BLUE
56679	COOL WEATHERED COPPER	56684	TAHOE BLUE
56680	COOL ZINC GREY	56685	TERRA COTTA
56651	EGYPTIAN WHITE	56673	ZINC GRAY
		56661	GALVALUME

WALL STITCH FASTENER

1/4-14 X 7/8" CARBON (TEKS/1) W/O WASHER

MARK NUMBER	COLOR	MARK NUMBER	COLOR
56567	ARTIC WHITE	56581	FOREST GREEN
56563	ASH GRAY	56586	HEMLOCK GREEN
56566	CLASSIC BEIGE	56587	JADE GREEN
56575	COOL COLONIAL RED	56971	LEAF GREEN
56576	COOL DARK BRONZE	56582	MATTE BLACK
56577	COOL REGAL WHITE	56559	PATRICIAN BRONZE
56578	COOL SIERRA TAN	56583	REGAL BLUE
56579	COOL WEATHERED COPPER	56584	TAHOE BLUE
56580	COOL ZINC GREY	56585	TERRA COTTA
56551	EGYPTIAN WHITE	56573	ZINC GRAY
		56561	GALVALUME

PANEL CLOSURES

MARK NUMBER	DESCRIPTION
80130	3' INSIDE PANEL RIB CLOSURE
80140	3' OUTSIDE PANEL RIB CLOSURE
80360	3' INSIDE VEE RIB CLOSURE
80362	3' OUTSIDE VEE RIB CLOSURE
80356	16" INSIDE STRAN-LOK CLOSURE
80358	16" OUTSIDE STRAN-LOK CLOSURE
80140	3' INSIDE RPR PANEL CLOSURE
80130	3' OUTSIDE RPR PANEL CLOSURE
80135	SSR FOAM INSIDE CLOSURE
80136	SSR HARD RUBBER INSIDE CLOSURE

POP RIVETS

1/8" DIAMETER ALUMINUM RIVET (250 PER BOX)

MARK NUMBER	COLOR	MARK NUMBER	COLOR
55261	ARTIC WHITE	55291	FOREST GREEN
55267	ASH GRAY	55296	HEMLOCK GREEN
55262	CLASSIC BEIGE	55297	JADE GREEN
55269	COOL COLONIAL RED	55283	LEAF GREEN
55286	COOL DARK BRONZE	55292	MATTE BLACK
55287	COOL REGAL WHITE	55265	PATRICIAN BRONZE
55288	COOL SIERRA TAN	55293	REGAL BLUE
55289	COOL WEATHERED COPPER	55294	TAHOE BLUE
55290	COOL ZINC GREY	55295	TERRA COTTA
55260	EGYPTIAN WHITE	55285	ZINC GRAY

BULB TITE STRUCTURAL BLIND RIVET

MARK NUMBER	COLOR	MARK NUMBER	COLOR
55181	ARTIC WHITE	55185	PATRICIAN BRONZE
55160	ALUMINUM		

TUBE SEALANT

MARK NUMBER	DESCRIPTION	MARK NUMBER	DESCRIPTION
80260	WHITE SKINNING	80270	WHITE NON-SKINNING
80265	GRAY SKINNING	80507	BRONZE SKINNING

TAPE MASTIC

MARK NUMBER	DESCRIPTION
80069	3/16" X 2" X 25' ROLL
80335	3/16" X 2 1/2" X 20' ROLL
80345	3/16" X 7/8" X 28" BOX OF 100 200 LINEAL FEET OF COVERAGE PER BOX
80347	3/16" X 7/8" X 9" (50) AND 3" (150) BOX 100 LINEAR FEET OF COVERAGE PER BOX
80349	3/16" X 7/8" X 40' ROLL
80390	3/16" X 1/4" X 40' ROLL

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

REV	DATE	BY	DESCRIPTION

NTS

COMMON WAREHOUSE PART MARKS

BUILDER	Broadmoor, LLC
CUSTOMER	U.S. Naval Public Works Complex
LOCATION	Belle Chasse, Louisiana
PROJECT	Navairsef AC Calibration Lab
BUILDERS PO#	

VP BUILDINGS VARCO—PRUDEN
VPC VERSION: 6.0e

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PAGE	80 OF 80