



Varco-Pruden Buildings

A United Dominion Company



GENERAL NOTES

1. MATERIALS

STRUCTURAL STEEL PLATE
COLD FORMED LIGHT GAGE SHAPES
BRACE RODS
HOT ROLLED MILL SHAPES
ROOF AND WALL SHEETS
BOLTS

ASTM DESIGNATION

A529 OR A572
A570
A572
A36 OR A572
A446
A307 AND A325

FY= 50 KSI (GRADE 50)
FY= 55 KSI (GRADE 55)
GRADE 65, UNLESS NOTED
FY= 36 KSI OR 50 KSI
FY= 50 KSI (GRADE D)
A307, UNLESS NOTED

2. STRUCTURAL PRIMER

SHOP PRIMER PAINT IS A RUST INHIBITIVE PRIMER AND IS VARCO-PRUDEN COLOR TAHITIAN BRONZE. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.

3. A325 BOLT TIGHTENING REQUIREMENTS

ALL HIGH STRENGTH BOLTS ARE A325-N UNLESS SPECIFICALLY NOTED OTHERWISE.

STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE TURN-OF-THE-NUT METHOD IN ACCORDANCE WITH THE NINTH EDITION, AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". PER SECTION 8D.1, A325 BOLTS MAY BE INSTALLED WITHOUT WASHERS WHEN TIGHTENED BY THE TURN-OF-THE-NUT METHOD.

ALL HIGH STRENGTH BOLTS, EXCEPT AS NOTED OTHERWISE, ARE SUBJECT TO DIRECT TENSION AND MAY REQUIRE INSPECTION AS DEFINED BY THE APPLICABLE BUILDING CODE OR STANDARD. IT IS THE RESPONSIBILITY OF THE ERECTOR TO ASSURE PROPER TIGHTNESS.

4. BUILDER / CONTRACTOR RESPONSIBILITIES

VARCO-PRUDEN'S STANDARD PRODUCT SPECIFICATIONS APPLY AND UNLESS STIPULATED OTHERWISE IN THE CONTRACT DOCUMENTS, VARCO-PRUDEN'S DESIGN, FABRICATION, QUALITY CRITERIA STANDARDS AND TOLERANCES WILL GOVERN THE WORK. (A VARCO-PRUDEN SPECIFICATION BOOKLET IS AVAILABLE UPON REQUEST)

IN CASE OF DISCREPANCIES BETWEEN VARCO-PRUDEN STRUCTURAL PLANS AND PLANS FOR OTHER TRADES, THE VARCO-PRUDEN PLANS SHALL GOVERN.

IT IS THE RESPONSIBILITY OF THE BUILDER / CONTRACTOR TO OBTAIN APPROPRIATE APPROVALS AND NECESSARY PERMITS FROM CITY, COUNTY, STATE, OR FEDERAL AGENCIES, AS REQUIRED.

APPROVAL OF VARCO-PRUDEN DRAWINGS CONSTITUTES THE BUILDER / CONTRACTOR'S ACCEPTANCE OF THE VARCO-PRUDEN INTERPRETATION OF THE CONTRACT PURCHASE ORDER.

ONCE THE BUILDER / CONTRACTOR OR A/E FIRM HAS SIGNED VARCO-PRUDEN APPROVAL PACKAGE, CHANGES FROM THE PURCHASE ORDER BY THE BUILDER WILL BE BILLED TO THE BUILDER / CONTRACTOR FOR MATERIAL, ENGINEERING, AND HANDLING FEES. SUCH CHANGES MAY CAUSE THE PROJECT TO BE MOVED FROM THE FABRICATION AND / OR SHIPPING SCHEDULE. A PENALTY FEE MAY BE CHARGED IF THE PROJECT MUST BE MOVED FROM THE FABRICATION AND / OR SHIPPING SCHEDULE, AS LONG AS VARCO-PRUDEN DESIGN AND DETAILING APPROACH COMPLIES WITH THE PURCHASE ORDER.

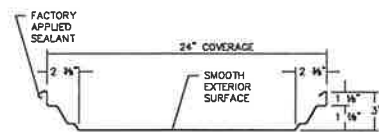
THE BUILDER / CONTRACTOR OR A/E FIRM ARE RESPONSIBLE FOR THE OVERALL PROJECT CONDITION. ALL INTERFACE AND COMPATIBILITY CONCERNING ANY MATERIALS NOT FURNISHED BY VARCO-PRUDEN ARE TO BE CONSIDERED AND COORDINATED BY THE BUILDER / CONTRACTOR OR A/E FIRM. UNLESS SPECIFIC DESIGN CRITERIA CONCERNING THIS INTERFACE BETWEEN MATERIALS IS FURNISHED AS PART OF THE PURCHASE ORDER, VARCO-PRUDEN ASSUMPTIONS WILL GOVERN.

THE BUILDER / CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL OTHER PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITY. SUPPLYING SEALED ENGINEERING DESIGN DATA AND DRAWINGS FOR THE VARCO-PRUDEN BUILDING DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT VARCO-PRUDEN OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR THE CONSTRUCTION PROJECT. THESE DRAWINGS AND DESIGN DATA ARE SEALED AS TO THE STRUCTURAL SYSTEM FURNISHED BY VARCO-PRUDEN, IN COMPLIANCE WITH ALL REQUIREMENTS OF THE PURCHASE ORDER.

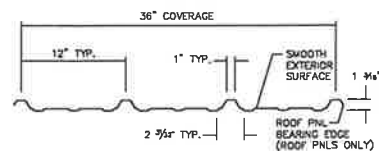
THE BUILDER / CONTRACTOR IS RESPONSIBLE FOR SETTING OF ANCHOR BOLTS AND ERECTION OF STEEL BUILDING COMPONENTS IN ACCORDANCE WITH VARCO-PRUDEN'S "FOR CONSTRUCTION" DRAWINGS. TEMPORARY SUPPORTS OR BRACING REQUIRED FOR THE BUILDING ERECTION WILL BE THE RESPONSIBILITY OF THE ERECTOR TO DETERMINE, FURNISH, AND INSTALL.

5. VARCO-PRUDEN IS AN APPROVED FABRICATOR WITH THE FOLLOWING CERTIFICATIONS:

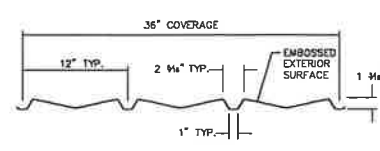
AISC MB (ALL PLANTS)
ICBO FA-240 (CA PLANT ONLY)
CITY OF SEATTLE (CA PLANT ONLY)
CITY OF LOS ANGELES TYPE 1 FABRICATOR (CA PLANT ONLY)
CANADIAN WELDING BUREAU DIVISION 1 (CA & WI PLANTS ONLY)



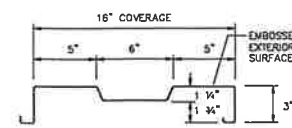
STANDING SEAM ROOF PANELS (SSR)



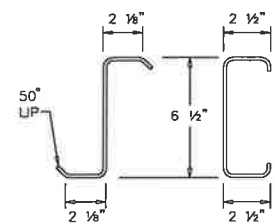
PANEL RIB ROOF & WALL PANELS (PR)



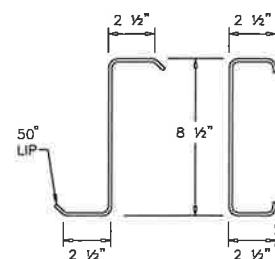
VEE RIB WALL PANELS (VR)



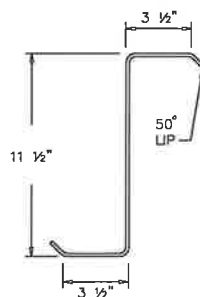
SPAN LOC WALL PANELS (SL)



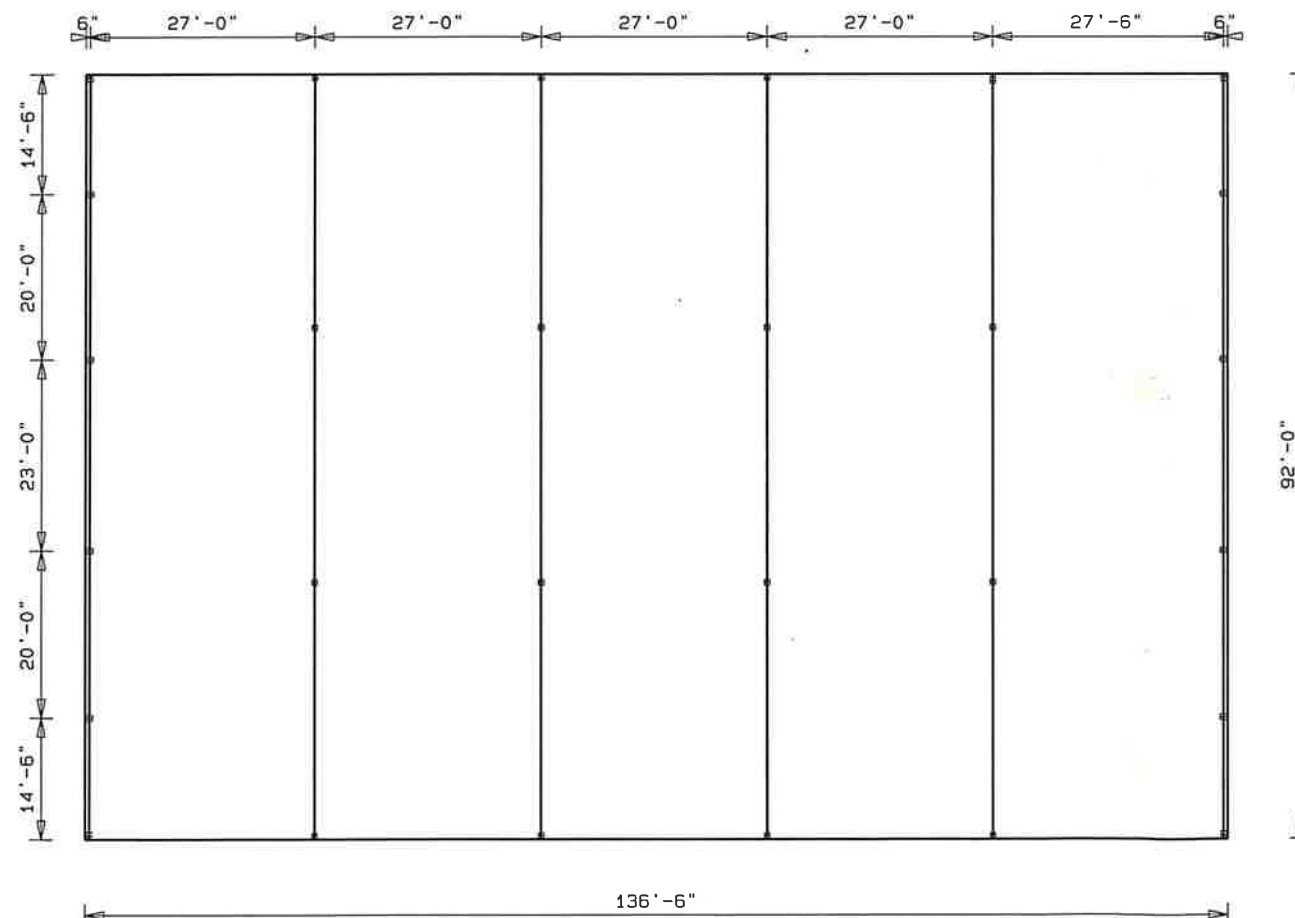
6 1/2" GIRTS / PURLINS



8 1/2" GIRTS / PURLINS



11 1/2" PURLINS



Building Code: 91NYST
Live Ld(W/O Trib Red) 35.0 psf
Coll. Ld (gravity): 2.0 psf
Coll. Ld (uplift): 0.0 psf
Wind Speed: 75.0 mph
Wind Exp. Cat.: C
Ground Snow: 35.0 psf
Roof Snow: 35.0 psf
Snow Exp. Cat.: 3
Seismic Zone: 2
Building Use Cat.: 1
Auxiliary Loads: NONE

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY. 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 VARCO-PRUDEN 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 VARCO-PRUDEN ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

COVER SHEET

BUILDER: Frontier Metal Buildings, Inc.
CUSTOMER: Niagara Sample Book
LOCATION: Niagara Falls, NY
PROJECT NAME: 3379 Niagara Sample Book
BLDG. NAME: Fire Rebuild

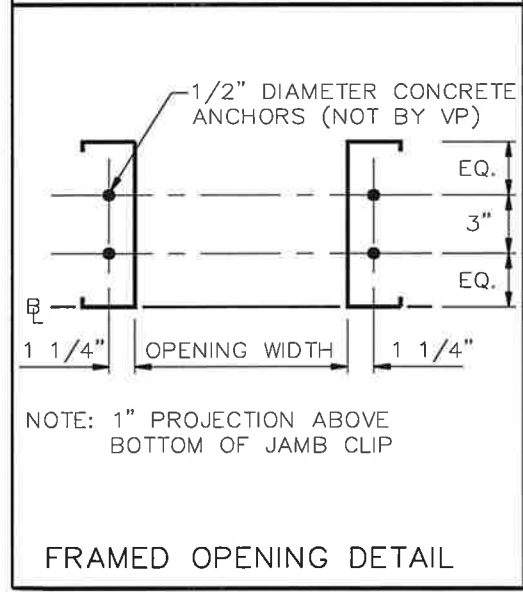
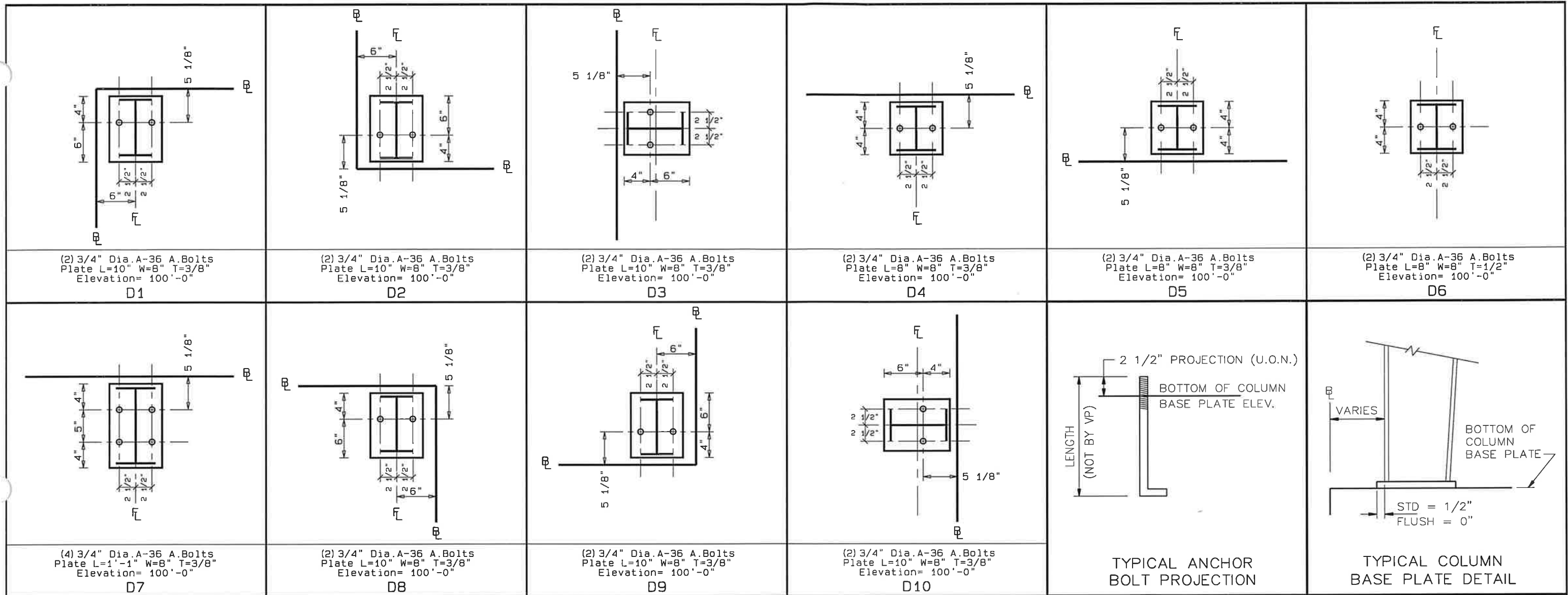
QUOTE NO.



JOB NO.

DATE: 07/15/98

TIME: 17:39



On: b038.ch Projky: 796 Bldg: 1 Plane: 1

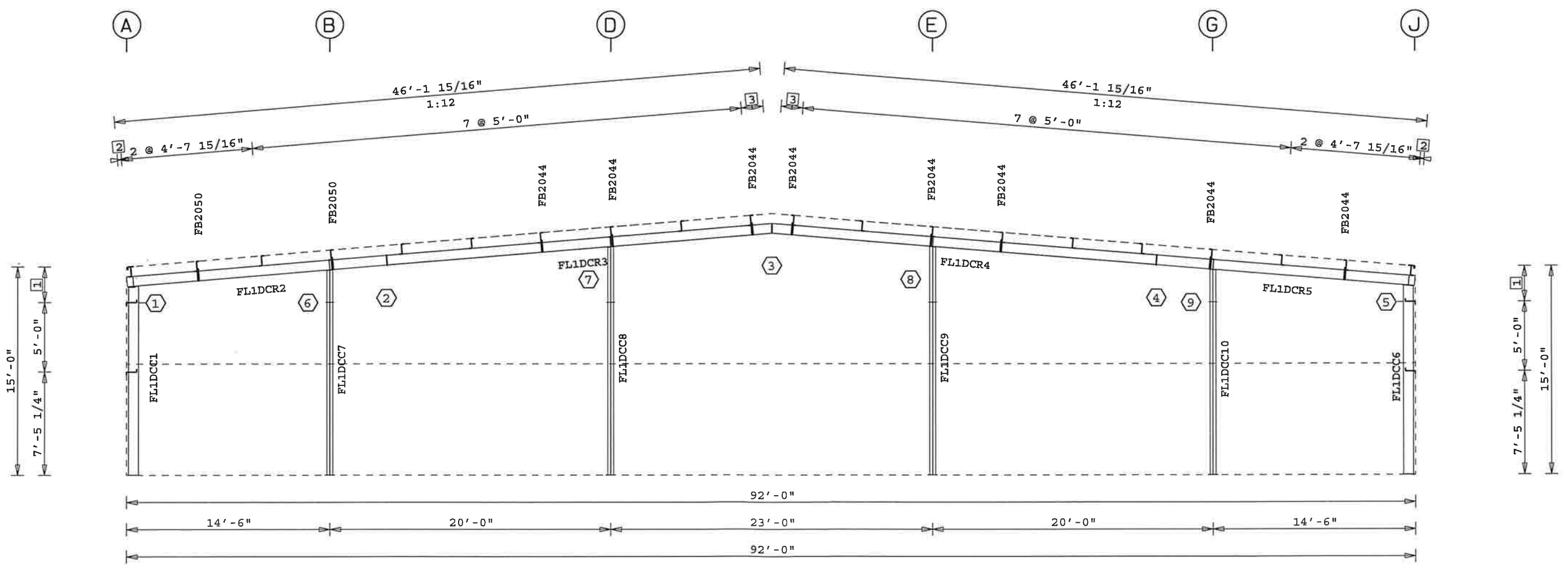
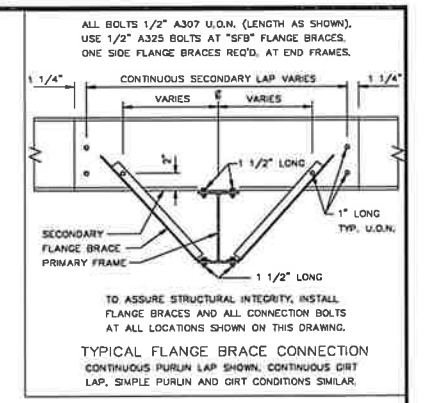
THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

<p>1. CONCRETE, GROUT, ANCHOR BOLTS, AND ANY OTHER EMBEDDED ITEMS ARE TO BE FURNISHED BY OTHERS</p> <p>2. ANCHOR BOLT DIAMETERS WERE DETERMINED BY ALLOWABLE SHEAR AND TENSION PER AISC SPECIFICATIONS (FY = 36 KSI). ANCHOR BOLT LENGTH AND METHOD OF TRANSFERRING FORCES FROM ANCHOR BOLTS TO FOOTINGS ARE TO BE DETERMINED BY OTHERS.</p> <p>3. DESIGN LOADS AND REACTIONS ARE FURNISHED ON OTHER DOCUMENTS.</p> <p>4. FOUNDATION MUST BE LEVEL, SQUARE, AND SMOOTH. ANCHOR BOLTS MUST BE ACCURATELY PLACED AS SHOWN ON THIS DRAWING OR STEEL WILL NOT FIT.</p>	<p>Building Code: 91NYST</p> <p>Live Ld (w/o Trib Red): 35.0 psf</p> <p>Coll. Ld (gravity): 2.0 psf</p> <p>Coll. Ld (uplift): 0.0 psf</p> <p>Wind Speed: 75.0 mph</p> <p>Wind Exp. Cat.: C</p> <p>Ground Snow: 35.0 psf</p> <p>Roof Snow: 35.0 psf</p> <p>Snow Exp. Cat.: 3</p> <p>Seismic Zone: 2</p> <p>Building Use Cat.: 1</p> <p>Auxiliary Loads: NONE</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY.</p> <p>IT IS PROVIDED 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 VARCO-PRUDEN BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING. DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>Anchor Bolt</p>		<p>QUOTE #</p>	<p>JOB #</p>		
			<p>REV</p>	<p>DATE</p>	<p>BY</p>	<p>DESC.</p>	<p>BUILDER Frontier Metal Buildings, Inc.</p>	<p>DATE 7/15/98</p>
							<p>CUSTOMER Niagara Sample Book</p>	<p>TIME 17:40</p>
							<p>LOCATION Niagara Falls, NY</p>	<p>DRAW/CHECK</p>
				<p>PROJECT 3379 Niagara Sample Book</p>	<p>PAGE</p>			
				<p>BUILDING Fire Rebuild</p>				
			<p>SCALE NTS</p>					

PRIMARY FRAMING SIZE CHART					
PART-NO	FLG THK X WD	WEB THK	DEPTH	APPROX. SHIP	LENGTH
FL1DCC1	.059 X	5.0	2@.059	8.5/8.5	13.6
FL1DCR2	.073 X	5.0	2@.073	8.5/8.5	18.6
FL1DCR3	.120 X	5.0	2@.120	8.5/8.5	27.6
FL1DCR4	.120 X	5.0	2@.120	8.5/8.5	27.6
FL1DCR5	.073 X	5.0	2@.073	8.5/8.5	18.6
FL1DCC6	.059 X	5.0	2@.059	8.5/8.5	13.6
FL1DCC7	.082 X	5.0	2@.082	8.5/8.5	14.8
FL1DCC8	.105 X	5.0	2@.105	8.5/8.5	16.5
FL1DCC9	.105 X	5.0	2@.105	8.5/8.5	16.5
FL1DCC10	.082 X	5.0	2@.082	8.5/8.5	14.8

A325 BOLT CONNECTION CHART			
No	Qty	Diameter	Length
1	4	1/2"	1 1/2"
2	4	3/4"	1 3/4"
3	4	3/4"	2"
4	4	3/4"	1 3/4"
5	4	1/2"	1 1/2"
6	4	1/2"	1 1/2"
7	4	1/2"	1 1/2"
8	4	1/2"	1 1/2"
9	4	1/2"	1 1/2"

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



- 3 1'-6 11/16"
- 2 3 3/8"
- 1 2'-6 3/4"

Elevation at Frame Line 1

On: b038.oh Projky: 796 Bldg: 1 Plane: 8

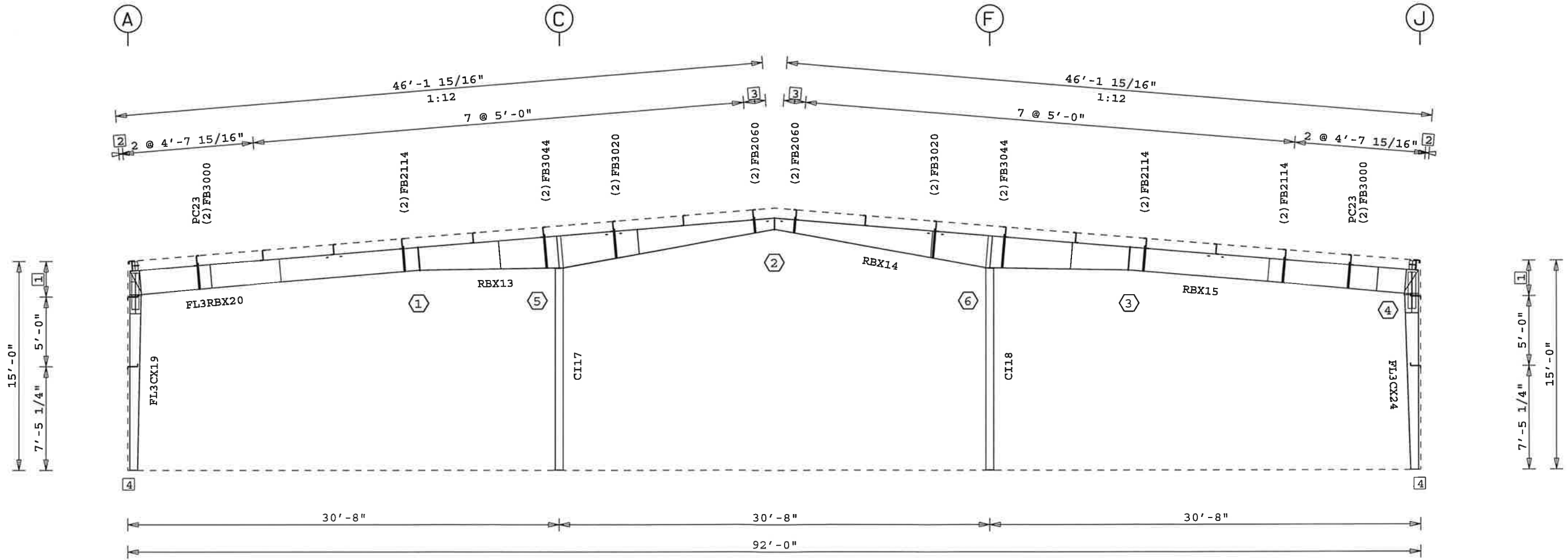
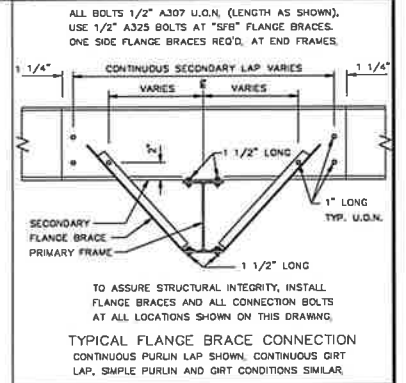
THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

1. A325 HIGH STRENGTH BOLTS SHALL BE TIGHTENED IN ACCORDANCE WITH THE NOVEMBER 13, 1985, ALLOWABLE STRESS DESIGN "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" SECTION 8.(d)(1) "TURN-OF-NUT TIGHTENING". 2. USE 1/2" DIA. A307 BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE. SEE JOB DETAILS FOR BOLT LENGTHS. 3. INSTALLATION OF ADEQUATE TEMPORARY BRACING FOR USE UNTIL CONSTRUCTION IS COMPLETE, IS THE RESPONSIBILITY OF THE ERECTOR.	Building Code: 91NYST Live Ld (w/o Trib Red): 35.0 psf Coll. Ld (gravity): 2.0 psf Coll. Ld (uplift): 0.0 psf Wind Speed: 75.0 mph Wind Exp. Cat.: C Ground Snow: 35.0 psf Roof Snow: 35.0 psf Snow Exp. Cat.: 3 Seismic Zone: 2 Building Use Cat.: 1 Auxiliary Loads: NONE	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS. IT IS PROVIDED 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 VARCO-PRUDEN BUILDINGS. THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING. ALL APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	Frame Elevation		QUOTE #	JOB #			
			REV	DATE	BY	DESC.	BUILDER Frontier Metal Buildings, Inc.	CUSTOMER Niagara Sample Book	DATE 7/15/98
							LOCATION Niagara Falls, NY	PROJECT 3379 Niagara Sample Book	TIME 17:40
SCALE NTS				BUILDING Fire Rebuild	 A UNITED DOMINION COMPANY		DRAW/CHECK PAGE		

PRIMARY FRAMING SIZE CHART					
PART-NO	FLG THK X WD	WEB THK	DEPTH	APPROX. SHIP	LENGTH
FL3CX19	3/8" X	6.0	.134	7.0/10.0	12.5
FL3RBX20	3/16" X	5.0	.134	21.1/20.0	10.7
	3/16" X	5.0	.134	20.0/20.0	10.0
RBX13	1/4" X	5.0	.134	20.1/28.0	10.1
	5/16" X	5.0	.134	28.0/10.1	15.3
RBX14	5/16" X	5.0	.134	10.0/28.0	15.3
	1/4" X	5.0	.134	27.9/20.0	10.1
RBX15	3/16" X	5.0	.134	20.0/20.0	10.0
	3/16" X	5.0	.134	20.0/21.1	10.7
FL3CX24	3/8" X	6.0	.164	7.0/12.0	12.5
CI17	1/4" X	6.0	.134	7.0/7.0	14.5
CI18	1/4" X	6.0	.134	7.0/7.0	14.5

A325 BOLT CONNECTION CHART			
No	Qty	Diameter	Length
1	8	3/4"	1 3/4"
2	6	3/4"	1 3/4"
3	4	3/4"	1 3/4"
4	6	3/4"	2 1/2"
5	4	1/2"	1 1/2"
6	4	1/2"	1 1/2"

FRAME CLEARANCES
 Vertical Clearance Under Frame at FL3CX19 = 12'-6 1/16"
 Vertical Clearance Under Frame at FL3CX24 = 12'-6 3/16"
 Horizontal Clearance Between FL3CX19 & FL3CX24 = 89'-10 13/16"
 Finished Floor Elevation = 100'-0" (Unless Otherwise Noted)



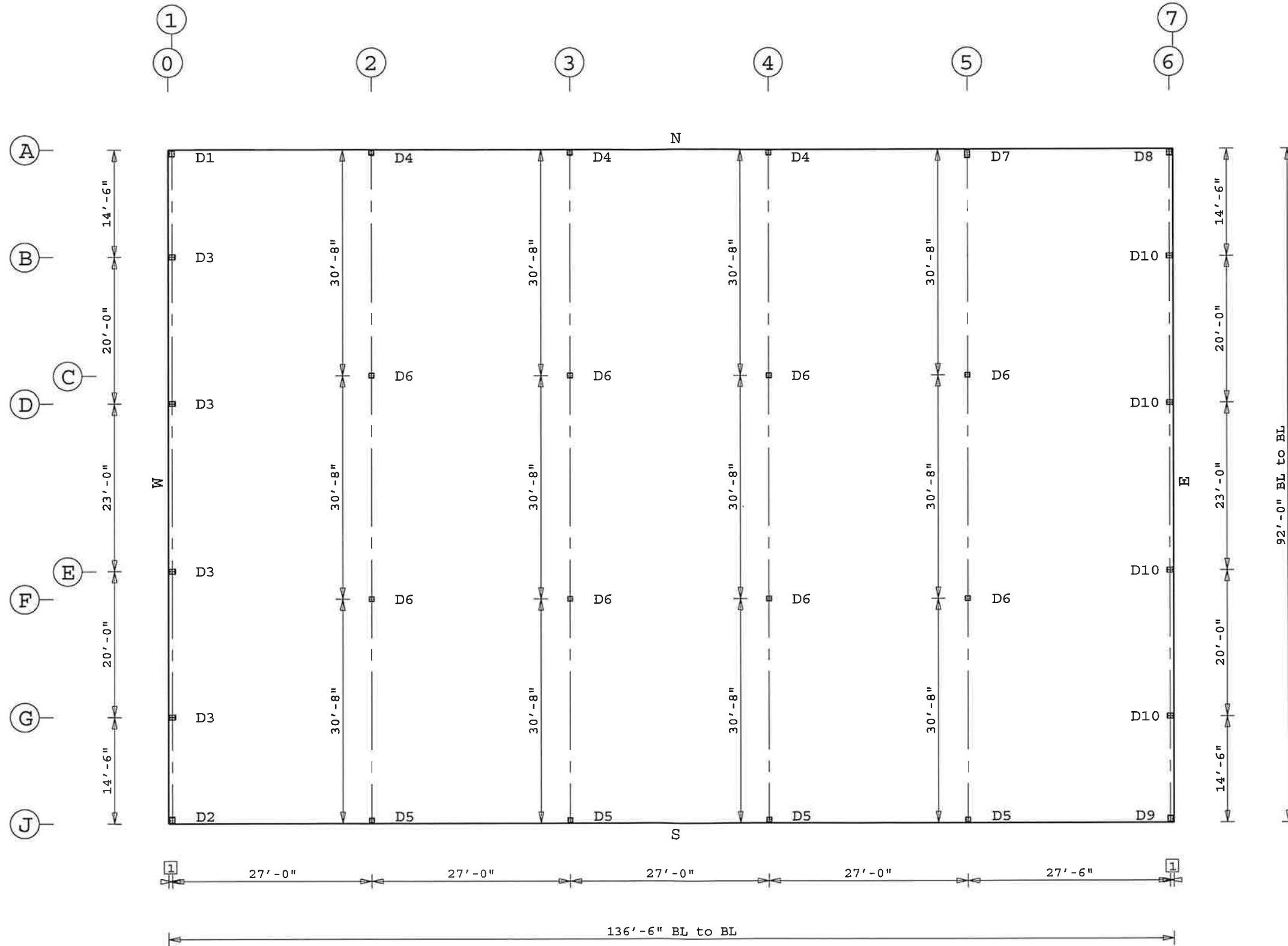
- ④ 1 5/8"
- ③ 1'-6 11/16"
- ② 3 3/8"
- ① 2'-6 3/4"

Elevation at Frame Line 3

On: b038.oh Projky: 796 Bldg: 1 Plane: 10

THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

1. A325 HIGH STRENGTH BOLTS SHALL BE TIGHTENED IN ACCORDANCE WITH THE NOVEMBER 13, 1985, ALLOWABLE STRESS DESIGN "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" SECTION 8.(d) (1) "TURN-OF-NUT TIGHTENING". 2. USE 1/2" DIA. A307 BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE. SEE JOB DETAILS FOR BOLT LENGTHS. 3. INSTALLATION OF ADEQUATE TEMPORARY BRACING FOR USE UNTIL CONSTRUCTION IS COMPLETE, IS THE RESPONSIBILITY OF THE ERECTOR.	Building Code: 91NYST Live Ld(W/O Trib Red) 35.0 psf Coll. Ld (gravity): 2.0 psf Coll. Ld (uplift): 0.0 psf Wind Speed: 75.0 mph Wind Exp. Cat.: C Ground Snow: 35.0 psf Roof Snow: 35.0 psf Snow Exp. Cat.: 3 Seismic Zone: 2 Building Use Cat.: 1 Auxiliary Loads: NONE	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS. IT IS PROVIDED 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 VARCO-PRUDEN BUILDINGS. THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING AND ALL APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	Frame Elevation REV DATE BY DESC. BUILDER CUSTOMER: Frontier Metal Buildings, Inc. LOCATION: Niagara Sample Book PROJECT: Niagara Falls, NY BUILDING: 3379 Niagara Sample Book SCALE: NTS BUILDING: Fire Rebuild	QUOTE # METAL BLDG MFG ASSN A UNITED DOMINION COMPANY	JOB # DATE: 7/15/98 TIME: 17:40 DRAW/CHECK PAGE
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Finished Floor Elevation = 100'-0" (Unless Otherwise Noted)

1 6"

On: b038.oh Projky: 796 Bldg: 1 Plane: 1

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

Building Code: 91NYST
 Live Ld(W/O Trib Red) 35.0 psf
 Coll. Ld (gravity): 2.0 psf
 Coll. Ld (uplift): 0.0 psf
 Wind Speed: 75.0 mph
 Wind Exp. Cat.: C
 Ground Snow: 35.0 psf
 Roof Snow: 35.0 psf
 Snow Exp. Cat.: 3
 Seismic Zone: 2
 Building Use Cat.: 1
 Auxiliary Loads: NONE

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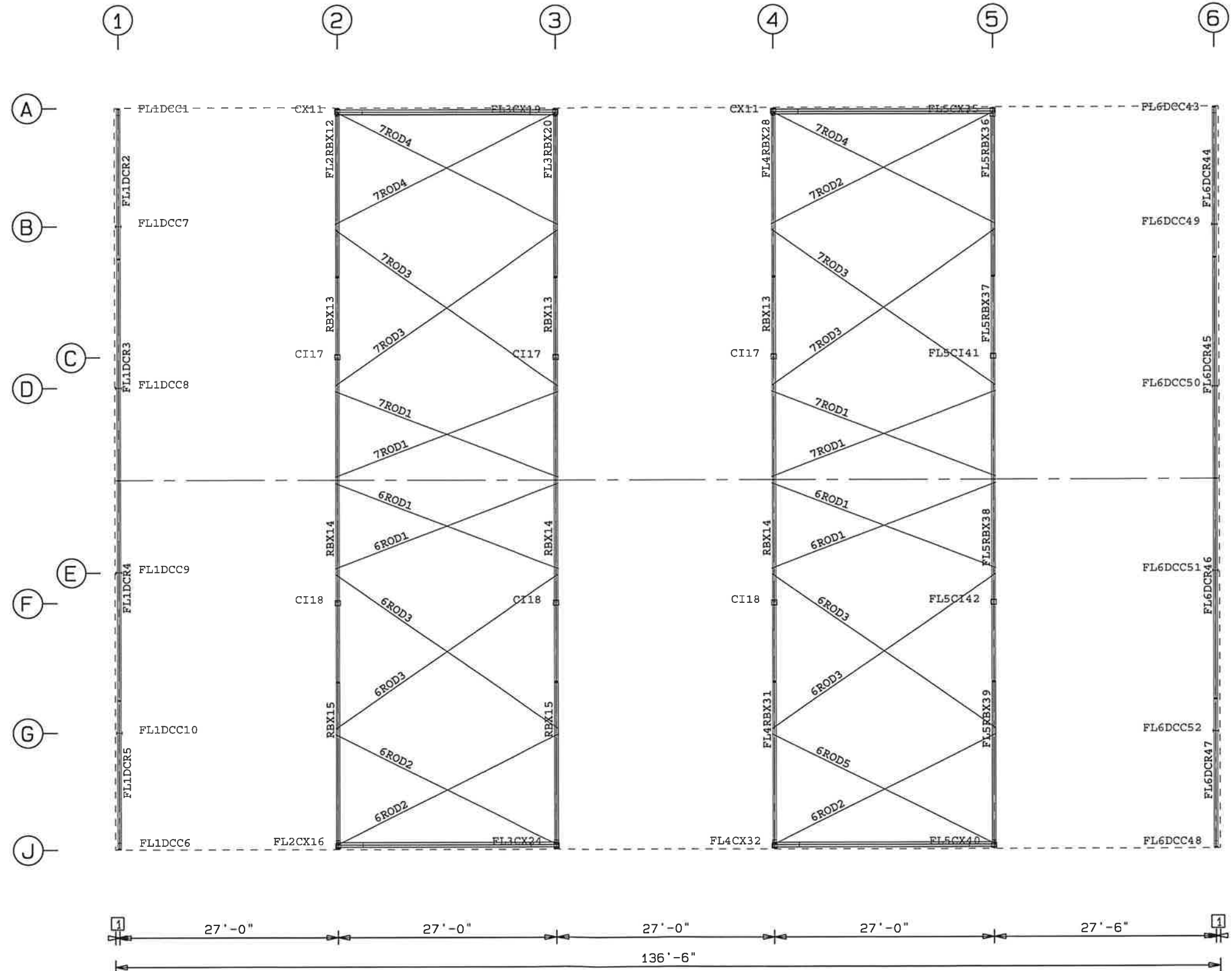
REV	DATE	BY	DESC.	BUILDER
				Frontier Metal Buildings, Inc.
				CUSTOMER
				Niagara Sample Book
				LOCATION
				Niagara Falls, NY
				PROJECT
				3379 Niagara Sample Book
				BUILDING
				Fire Rebuild

QUOTE #	JOB #
DATE	7/15/98
TIME	17:40
DRAW/CHECK	
PAGE	



SCALE NTS

MARK	ROD BRACING LENGTH	DIA
6ROD1	29'-7 1/16" 0 3/8"	
6ROD2	30'-10 1/16" 0 3/8"	
6ROD3	33'-7 11/16" 0 3/8"	
6ROD5	30'-9 13/16" 0 3/8"	
7ROD1	29'-7 1/16" 0 3/8"	
7ROD2	30'-10 1/16" 0 3/8"	
7ROD3	33'-7 11/16" 0 3/8"	
7ROD4	30'-10 5/16" 0 3/8"	



② 3'-10"
① 6"

On: b038.oh Projky: 796 Bldg: 1 Plane: 6.7

THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

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- USE 1/2" DIA. A307 BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE. SEE JOB DETAILS FOR BOLT LENGTHS.
- INSTALLATION OF ADEQUATE TEMPORARY BRACING FOR USE UNTIL CONSTRUCTION IS COMPLETE, IS THE RESPONSIBILITY OF THE ERECTOR.

Building Code:	91NYST
Live Ld(W/O Trib Red):	35.0 psf
Coll. Ld (gravity):	2.0 psf
Coll. Ld (uplift):	0.0 psf
Wind Speed:	75.0 mph
Wind Exp. Cat.:	C
Ground Snow:	35.0 psf
Roof Snow:	35.0 psf
Snow Exp. Cat.:	3
Seismic Zone:	2
Building Use Cat.:	1
Auxiliary Loads	NONE

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY. IT IS PROVIDED 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 VARCO-PRUDEN 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 SHALL BE AS SHOWN IN THE APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

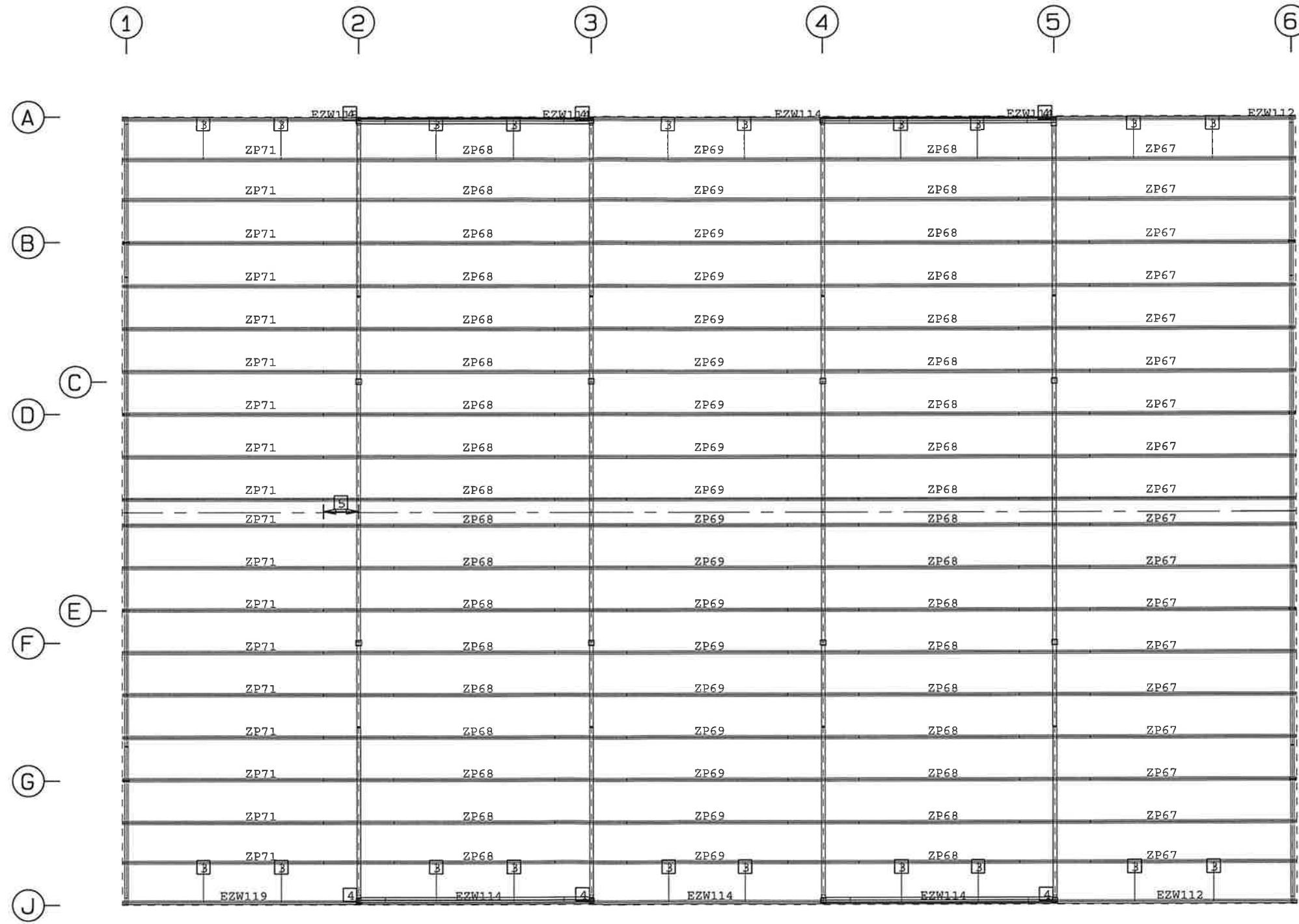
REV	DATE	BY	DESC.	BUILDER
				Frontier Metal Buildings, Inc.
				CUSTOMER
				Niagara Sample Book
				LOCATION
				Niagara Falls, NY
				PROJECT
				3379 Niagara Sample Book
				BUILDING
				Fire Rebuild

SCALE: NTS

Roof Primary

QUOTE #	JOB #
DATE	7/15/98
TIME	17:40
DRAW/CHECK	
PAGE	

MARK	SECONDARY LENGTH	THK	DEPTH
EZW112	27'-11 1/2"	.105	8.5
EZW114	26'-11 1/2"	.092	8.5
EZW119	27'-5 1/2"	.105	8.5
ZP67	32'-1"	.105	8.5
ZP68	35'-2 1/2"	.092	8.5
ZP69	35'-2 1/2"	.073	8.5
ZP71	31'-7"	.105	8.5



- 5 4'-1 1/4" (TYP. LAP)
- 4 JCP052050
- 3 PSM04066
- 2 3'-10"
- 1 6"

On: b038.ch Projky: 796 Bldg: 1 Plane: 6.7

THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

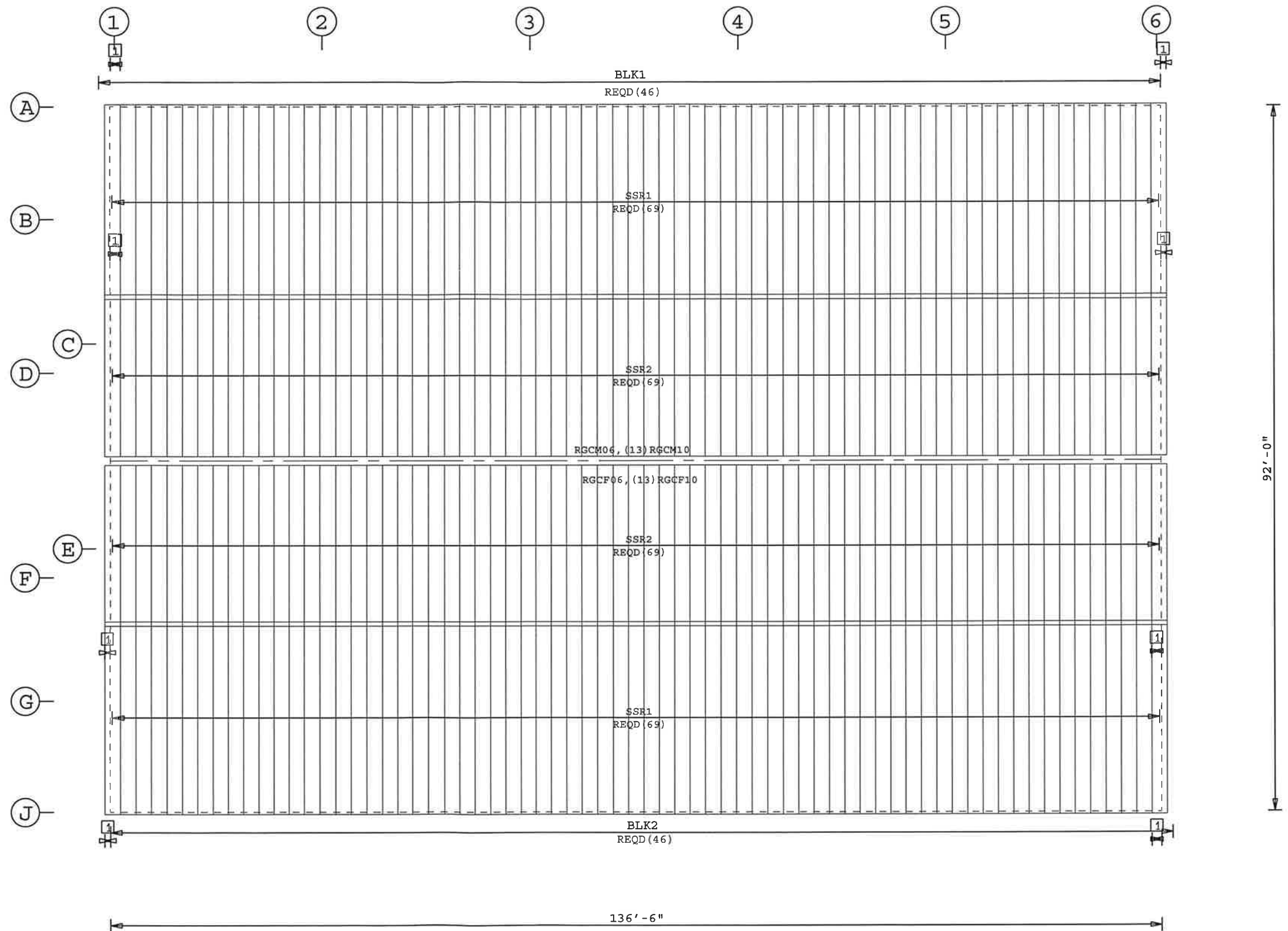
<p>1. UNLESS NOTED, USE 1/2" DIAMETER A-307 BOLTS FOR PURLIN LAP, PURLIN TO FRAME, FLANGE BRACE TO FRAME, AND FLANGE BRACE TO PURLIN CONNECTIONS. SEE JOB DETAILS FOR BOLT LENGTHS.</p> <p>2. WIND, FLANGE, AND PURLIN BRACING ARE AN INTEGRAL PART OF THE ROOF STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF ROOF BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. WHEN SAG ANGLE SLOTS IN ADJACENT PURLINS DO NOT ALIGN OR ARE OMITTED, FIELD-BEND A SAG ANGLE TAB AND ATTACH TO PURLIN WITH A SELF-DRILLING STRUCTURAL FASTENER.</p> <p>4. SAG ANGLES ARE NOT REQUIRED IN BAYS THAT ARE 16' OR LESS.</p>	<p>Building Code: 91NYST</p> <p>Live Ld(W/O Trib Red) 35.0 psf</p> <p>Coll. Ld (gravity): 2.0 psf</p> <p>Coll. Ld (uplift): 0.0 psf</p> <p>Wind Speed: 75.0 mph</p> <p>Wind Exp. Cat.: C</p> <p>Ground Snow: 35.0 psf</p> <p>Roof Snow: 35.0 psf</p> <p>Snow Exp. Cat.: 3</p> <p>Seismic Zone: 2</p> <p>Building Use Cat.: 1</p> <p>Auxiliary Loads NONE</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY. IT IS PROVIDED 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 VARCO-PRUDEN BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING. ALL APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<h3>Roof Secondary</h3>		QUOTE #	JOB #		
			REV	DATE	BY	DESC.	BUILDER	DATE
							Frontier Metal Buildings, Inc.	7/15/98
							CUSTOMER	TIME
				Niagara Sample Book	17:40			
				LOCATION	DRAW/CHECK			
				Niagara Falls, NY				
				PROJECT	PAGE			
				3379 Niagara Sample Book				
				BUILDING				
				Fire Rebuild				
				SCALE				
				NTS				



----- SHEETING -----

MARK	LENGTH	THK	COLOR	(FINISH)
SSR1	25'-2 15/16"	24	Standard Color	(GALVM)
SSR2	21'-2 7/16"	24	Standard Color	(GALVM)

MARK	LENGTH	INSULATION WIDTH	THICK	TYPE	FACING
BLK1	50'-0"	3'-0"	6"	BLK	PSKS
BLK2	47'-0"	3'-0"	6"	BLK	PSKS



1 Start Panel Dim. 1'-3" (Cut Dim. = 1'-4")

On: b038.ch Projky: 796 Bldg: 1 Plane: 6.7

THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

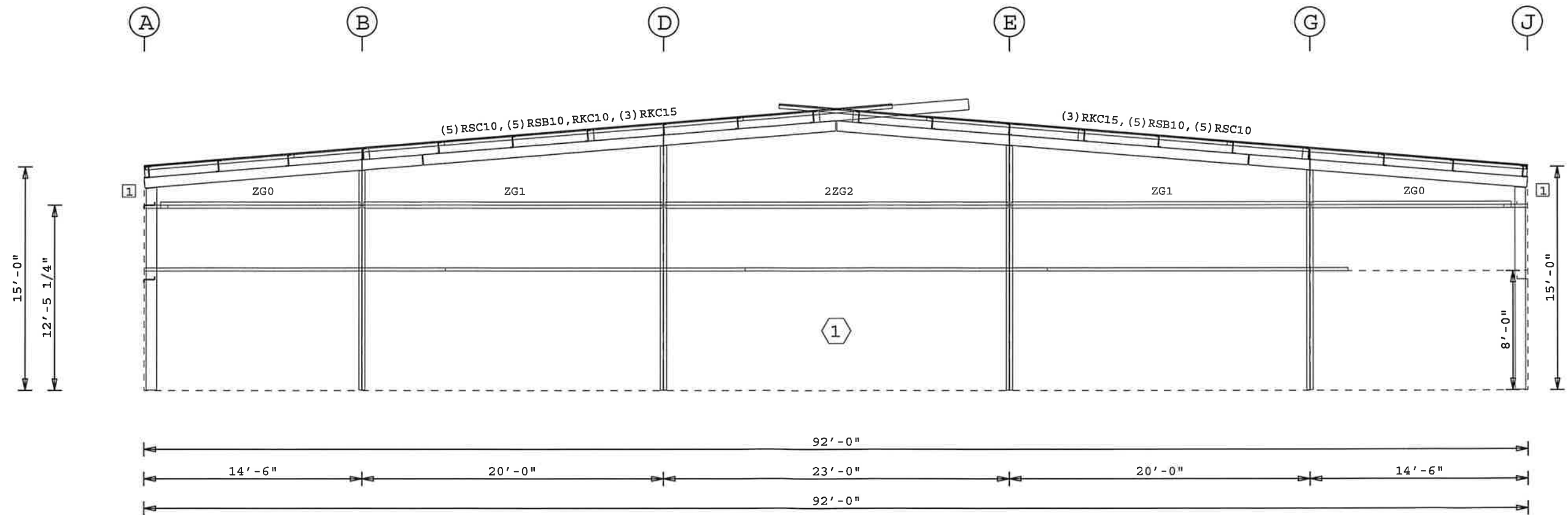
<p>1. Install Sheeting From Left to Right</p> <p>2. PRE-DRILLING 1/8" DIAMETER HOLES FOR ROOF STRUCTURAL FASTENERS MAY BE REQUIRED AT 11 GAGE PURLINS, NESTED PURLINS, PURLIN LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS</p> <p>3. ROOF SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM, REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>4. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.</p>	<p>Building Code: 91NYST</p> <p>Live Ld(w/O Trib Red) 35.0 psf</p> <p>Coll. Ld (gravity): 2.0 psf</p> <p>Coll. Ld (uplift): 0.0 psf</p> <p>Wind Speed: 75.0 mph</p> <p>Wind Exp. Cat.: C</p> <p>Ground Snow: 35.0 psf</p> <p>Roof Snow: 35.0 psf</p> <p>Snow Exp. Cat.: 2</p> <p>Seismic Zone: 3</p> <p>Building Use Cat.: 1</p> <p>Auxiliary Loads: NONE</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY.</p> <p>IT IS PROVIDED 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 VARCO-PRUDEN BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING.</p> <p>ALL APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>Roof Sheeting</p> <table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>DESC.</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DATE	BY	DESC.																	<p>QUOTE #</p> <p>JOB #</p>
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BUILDER	Frontier Metal Buildings, Inc.
CUSTOMER	Niagara Sample Book
LOCATION	Niagara Falls, NY
PROJECT	3379 Niagara Sample Book
BUILDING	Fire Rebuild

DATE	7/15/98
TIME	17:40
DRAW/CHECK	
PAGE	

SECONDARY				FRAMED OPENINGS					
MARK	LENGTH	THK	DEPTH	FO#	-LOC-	MARK	LENGTH	THK	DEPTH
ZG2	22'-9 1/2"	.105	8.5	1	HEADR	BG2	20'-0"	.059	
ZG0	13'-3 11/16"	.059	8.5	1	HEADR	BG2	20'-0"	.059	
ZG1	19'-9 1/2"	.073	8.5	1	HEADR	BG2	20'-0"	.059	
				1	HEADR	BG2	20'-0"	.059	
				1	HEADR	BG2	20'-0"	.059	



WALL ELEVATION AT W

1 GFA107

On: b038.oh Projky: 796 Bldg: 1 Plane: 2

THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

- UNLESS NOTED, USE 1/2" DIAMETER A-307 BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS. SEE JOB DETAILS FOR BOLT LENGTHS.
- 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.

Building Code:	91NYST
Live Ld(W/O Trib Red)	35.0 psf
Coll. Ld (gravity):	2.0 psf
Coll. Ld (uplift):	0.0 psf
Wind Speed:	75.0 mph
Wind Exp. Cat.:	C
Ground Snow:	35.0 psf
Roof Snow:	35.0 psf
Snow Exp. Cat.:	3
Seismic Zone:	2
Building Use Cat.:	1
Auxiliary Loads	NONE

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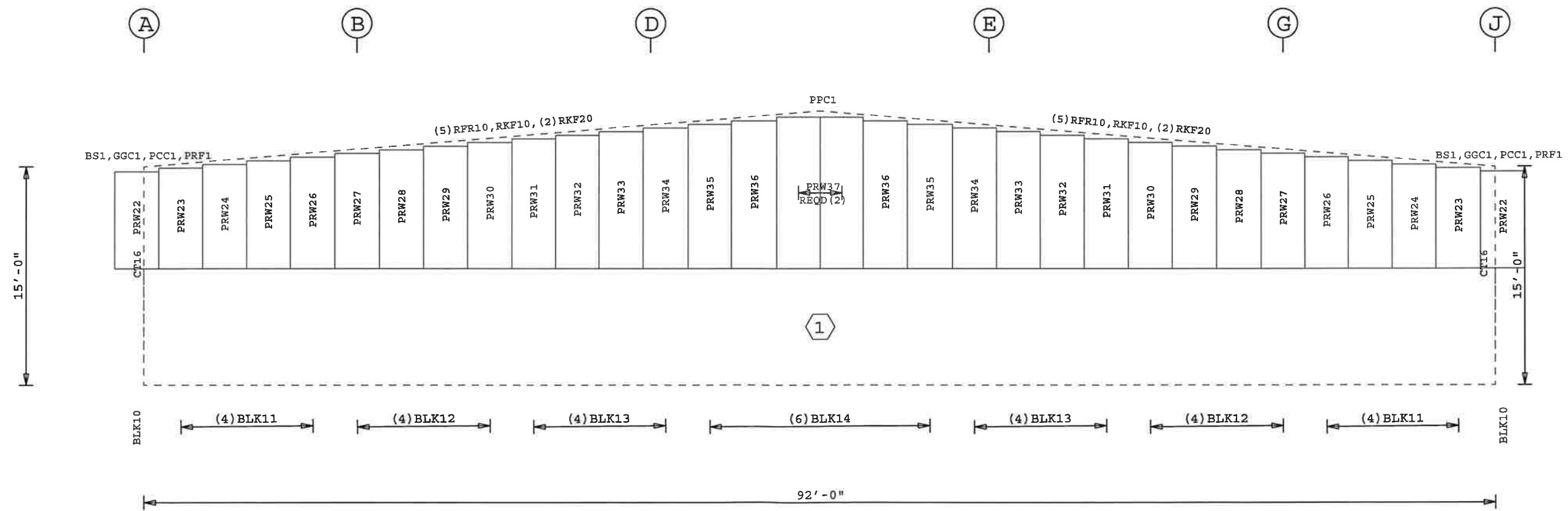
REV	DATE	BY	DESC.	BUILDER
				Frontier Metal Buildings, Inc.
				CUSTOMER
				Niagara Sample Book
				LOCATION
				Niagara Falls, NY
				PROJECT
				3379 Niagara Sample Book
				BUILDING
				Fire Rebuild

QUOTE #	JOB #
DATE	7/15/98
TIME	17:41
DRAW/CHECK	
PAGE	



VARCO-PRUDEN BUILDINGS
A UNITED DOMINION COMPANY

SHEETING					INSULATION					TRIM					
MARK	LENGTH	THK	COLOR	(FINISH)	MARK	LENGTH	WIDTH	THICK	TYPE	FACING	FO#	MARK	LENGTH	COLOR	(FINISH)
PRW22	6'-8"	26	Egyptian White	(KXL)	BLK10	8'-0"	3'-0"	4"	BLK	PSKS	BS1			Patrician Bronze	(KXL)
PRW23	6'-11"	26	Egyptian White	(KXL)	BLK11	9'-0"	3'-0"	4"	BLK	PSKS	CT16	16'-3"		Egyptian White	(KXL)
PRW24	7'-2"	26	Egyptian White	(KXL)	BLK12	10'-0"	3'-0"	4"	BLK	PSKS	GGC1			Patrician Bronze	(KXL)
PRW25	7'-5"	26	Egyptian White	(KXL)	BLK13	11'-0"	3'-0"	4"	BLK	PSKS	PCC1			Patrician Bronze	(SP)
PRW26	7'-8"	26	Egyptian White	(KXL)	BLK14	12'-0"	3'-0"	4"	BLK	PSKS	PPC1			Patrician Bronze	(SP)
PRW27	7'-11"	26	Egyptian White	(KXL)							PRF1			Patrician Bronze	(KXL)
PRW28	8'-2"	26	Egyptian White	(KXL)							RFR10	10'-0"		Patrician Bronze	(KXL)
PRW29	8'-5"	26	Egyptian White	(KXL)							RKF10	10'-3"		Patrician Bronze	(KXL)
PRW30	8'-8"	26	Egyptian White	(KXL)							RKF20	20'-3"		Patrician Bronze	(KXL)
PRW31	8'-11"	26	Egyptian White	(KXL)							BT10	10'-3"		Patrician Bronze	(KXL)
PRW32	9'-2"	26	Egyptian White	(KXL)											
PRW33	9'-5"	26	Egyptian White	(KXL)											
PRW34	9'-8"	26	Egyptian White	(KXL)											
PRW35	9'-11"	26	Egyptian White	(KXL)											
PRW36	10'-2"	26	Egyptian White	(KXL)											
PRW37	10'-5"	26	Egyptian White	(KXL)											



WALL ELEVATION AT W

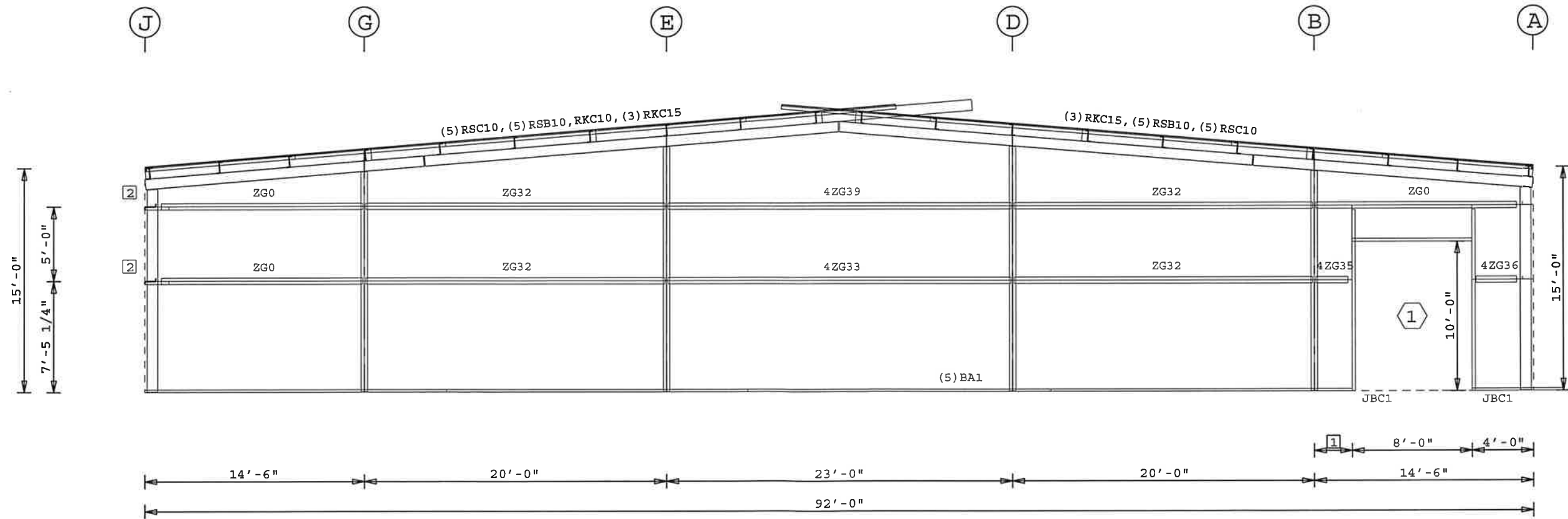
On: b038.oh Projky: 796 Bldg: 1 Plane: 2

THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

<p>1. Install Sheeting From High Point(s) to Low Point(s)</p> <p>2. WALL SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.</p> <p>4. PRE-DRILLING 1/8" DIAMETER HOLES FOR WALL STRUCTURAL FASTENERS MAY BE REQUIRED AT 14 GAGE GIRTS, NESTED GIRTS, GIRT LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS</p>	<p>Building Code: 91NYST</p> <p>Live Ld(W/O Trib Red) 35.0 psf</p> <p>Coll. Ld (gravity): 2.0 psf</p> <p>Coll. Ld (uplift): 0.0 psf</p> <p>Wind Speed: 75.0 mph</p> <p>Wind Exp. Cat.: C</p> <p>Ground Snow: 35.0 psf</p> <p>Roof Snow: 35.0 psf</p> <p>Snow Exp. Cat.: 3</p> <p>Seismic Zone: 2</p> <p>Building Use Cat.: 1</p> <p>Auxiliary Loads: NONE</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY.</p> <p>IT IS PROVIDED 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 VARCO-PRUDEN BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING. DRAWING DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>Wall Sheeting</p>		<p>QUOTE #</p>	<p>JOB #</p>			
			<p>REV</p>	<p>DATE</p>	<p>BY</p>	<p>DESC.</p>	<p>BUILDER Frontier Metal Buildings, Inc.</p>	<p>CUSTOMER Niagara Sample Book</p>	<p>DATE 7/15/98</p>
							<p>LOCATION Niagara Falls, NY</p>	<p>PROJECT 3379 Niagara Sample Book</p>	<p>TIME 17:41</p>
							<p>SCALE NTS</p>	<p>BUILDING Fire Rebuild</p>	<p>DRAW/CHECK</p>
<p>VARCO-PRUDEN BUILDINGS A UNITED DOMINION COMPANY</p>					<p>PAGE</p>				

MARK	LENGTH	THK	DEPTH
4ZG33	22'-9 1/2"	.073	8.5
4ZG35	2'-1 1/2"	.059	8.5
4ZG36	2'-7 11/16"	.059	8.5
4ZG39	22'-9 1/2"	.065	8.5
ZG0	13'-3 11/16"	.059	8.5
ZG32	19'-9 1/2"	.059	8.5

FO#	-LOC-	MARK	LENGTH	THK	DEPTH
1	HEADR	CW233	8'-0"	.059	
1	JAMBL	CW235	12'-1 3/4"	.059	8.5
1	JAMBR	CW235	12'-1 3/4"	.059	



WALL ELEVATION AT E

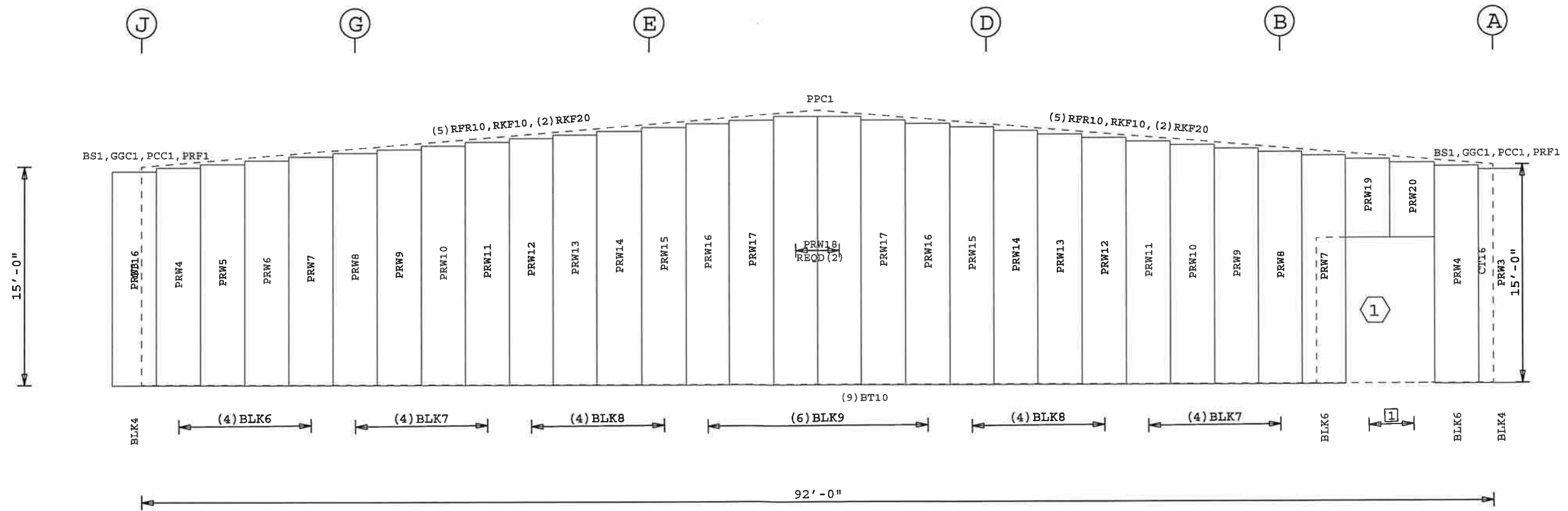
- 2 GFA107
- 1 2'-6"

On: b038.oh Projky: 796 Bldg: 1 Plane: 4

THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

1. UNLESS NOTED, USE 1/2" DIAMETER A-307 BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS. SEE JOB DETAILS FOR BOLT LENGTHS. 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.	Building Code: 91NYST Live Ld (w/o Trib Red): 35.0 psf Coll. Ld (gravity): 2.0 psf Coll. Ld (uplift): 0.0 psf Wind Speed: 75.0 mph Wind Exp. Cat.: C Ground Snow: 35.0 psf Roof Snow: 35.0 psf Snow Exp. Cat.: 3 Seismic Zone: 2 Building Use Cat.: 1 Auxiliary Loads: NONE	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY. IT IS PROVIDED 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 VARCO-PRUDEN 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 SHALL BE IN ACCORDANCE WITH THE VARIOUS ALL APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	Wall Secondary		QUOTE #	JOB #
			REV DATE BY DESC.	BUILDER Frontier Metal Buildings, Inc.	DATE 7/15/98	
	CUSTOMER Niagara Sample Book	TIME 17:41				
	LOCATION Niagara Falls, NY	DRAW/CHECK				
	PROJECT 3379 Niagara Sample Book	PAGE				
	BUILDING Fire Rebuild					
SCALE NTS						

SHEETING					SHEETING					INSULATION					TRIM					
MARK	LENGTH	THK	COLOR	(FINISH)	MARK	LENGTH	THK	COLOR	(FINISH)	MARK	LENGTH	WIDTH	THICK	TYPE	FACING	FO#	MARK	LENGTH	COLOR	(FINISH)
PRW10	16'-5 1/2"	26	Egyptian White	(KXL)	PRW8	15'-11 1/2"	26	Egyptian White	(KXL)	BLK4	16'-0"	3'-0"	4"	BLK	PSKS	BS1		Patrician Bronze	(KXL)	
PRW11	16'-8 1/2"	26	Egyptian White	(KXL)	PRW9	16'-2 1/2"	26	Egyptian White	(KXL)	BLK6	17'-0"	3'-0"	4"	BLK	PSKS	BT10	10'-3"	Patrician Bronze	(KXL)	
PRW12	16'-11 1/2"	26	Egyptian White	(KXL)						BLK7	18'-0"	3'-0"	4"	BLK	PSKS	CT15	16'-3"	Egyptian White	(KXL)	
PRW13	17'-2 1/2"	26	Egyptian White	(KXL)						BLK8	19'-0"	3'-0"	4"	BLK	PSKS	GGC1		Patrician Bronze	(KXL)	
PRW14	17'-5 1/2"	26	Egyptian White	(KXL)						BLK9	20'-0"	3'-0"	4"	BLK	PSKS	PCC1		Patrician Bronze	(SP)	
PRW15	17'-8 1/2"	26	Egyptian White	(KXL)						BLK5	7'-0"	3'-0"	4"	BLK	PSKS	PPC1		Patrician Bronze	(SP)	
PRW16	17'-11 1/2"	26	Egyptian White	(KXL)												PRF1		Patrician Bronze	(KXL)	
PRW17	18'-2 1/2"	26	Egyptian White	(KXL)												RFR10	10'-0"	Patrician Bronze	(KXL)	
PRW18	18'-5 1/2"	26	Egyptian White	(KXL)												RKF10	10'-3"	Patrician Bronze	(KXL)	
PRW19	5'-5"	26	Egyptian White	(KXL)												RKF20	20'-3"	Patrician Bronze	(KXL)	
PRW20	5'-2"	26	Egyptian White	(KXL)												1 DF10	10'-3"	Patrician Bronze	(KXL)	
PRW3	14'-8 1/2"	26	Egyptian White	(KXL)												1 HTS10	10'-6"	Patrician Bronze	(KXL)	
PRW4	14'-11 1/2"	26	Egyptian White	(KXL)												1 JT10	10'-3"	Patrician Bronze	(KXL)	
PRW5	15'-2 1/2"	26	Egyptian White	(KXL)																
PRW6	15'-5 1/2"	26	Egyptian White	(KXL)																
PRW7	15'-8 1/2"	26	Egyptian White	(KXL)																



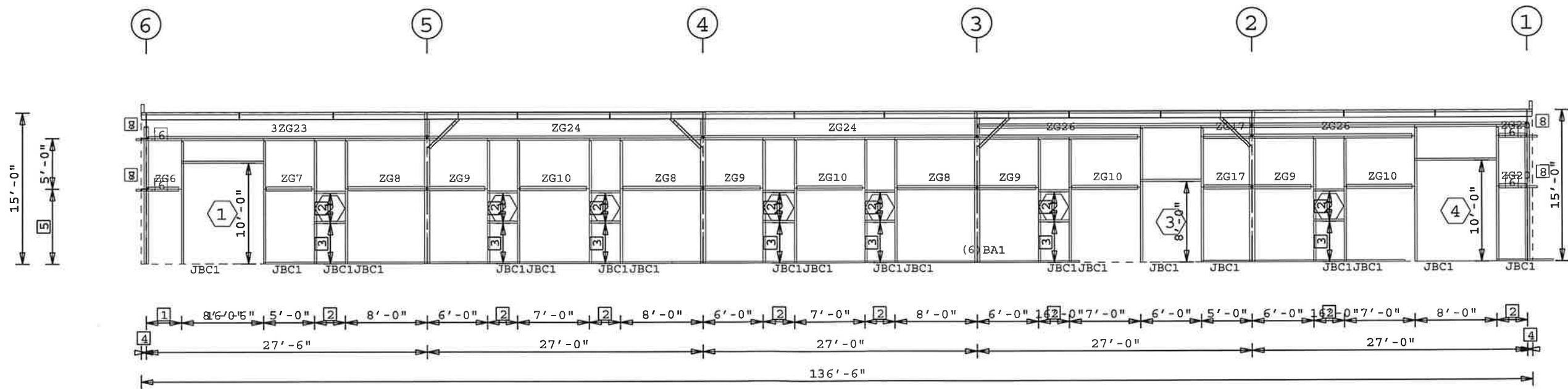
WALL ELEVATION AT E

On: b038.oh Projky: 796 Bldg: 1 Plane: 4

<p>1. Install Sheeting From High Point(s) to Low Point(s)</p> <p>2. WALL SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.</p> <p>4. PRE-DRILLING 1/8" DIAMETER HOLES FOR WALL STRUCTURAL FASTENERS MAY BE REQUIRED AT 11 GAGE GIRTS, NESTED GIRTS, GIRT LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS</p>	<p>THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN</p>	<p>Building Code: 91NYST</p> <p>Live Ld(W/O Trib Red): 35.0 psf</p> <p>Coll. Ld (gravity): 2.0 psf</p> <p>Coll. Ld (uplift): 0.0 psf</p> <p>Wind Speed: 75.0 mph</p> <p>Wind Exp. Cat.: C</p> <p>Ground Snow: 35.0 psf</p> <p>Roof Snow: 35.0 psf</p> <p>Snow Exp. Cat.: 3</p> <p>Seismic Zone: 2</p> <p>Building Use Cat.: 1</p> <p>Auxiliary Loads: NONE</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY.</p> <p>IT IS PROVIDED 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 VARCO-PRUDEN BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING. DETAILS REFERENCED IN THIS DRAWING SHALL BE IN ACCORDANCE WITH ALL APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>Wall Sheeting</p>		<p>QUOTE #</p>	<p>JOB #</p>		
				<p>REV</p>	<p>DATE</p>	<p>BY</p>	<p>DESC.</p>	<p>BUILDER</p> <p>Frontier Metal Buildings, Inc.</p>	<p>DATE</p> <p>7/15/98</p>
								<p>CUSTOMER</p> <p>Niagara Sample Book</p>	<p>TIME</p> <p>17:41</p>
								<p>LOCATION</p> <p>Niagara Falls, NY</p>	<p>DRAW/CHECK</p>
				<p>PROJECT</p> <p>3379 Niagara Sample Book</p>	<p>PAGE</p>				
				<p>SCALE</p> <p>NTS</p>	<p>BUILDING</p> <p>Fire Rebuild</p>				



SECONDARY				FRAMED OPENINGS					
MARK	LENGTH	THK	DEPTH	FO#	-LOC-	MARK	LENGTH	THK	DEPTH
ZG23	27'-3 1/2"	.120	8.5	1	HEADR	CW233	8'-0"	.059	
ZG10	6'-5 1/2"	.059	8.5	1	JAMBL	CW235	12'-1 3/4"	.059	
ZG17	4'-7 1/2"	.059	8.5	1	JAMBR	CW235	12'-1 3/4"	.059	
ZG20	2'-7 1/2"	.059	8.5	2	HEADR	CW179	3'-0"	.059	8.5
ZG24	26'-9 1/2"	.105	8.5	2	JAMBL	CW175	12'-1 3/4"	.059	8.5
ZG26	15'-7 1/2"	.059	8.5	2	JAMBR	CW175	12'-1 3/4"	.059	
ZG6	3'-1 1/2"	.059	8.5	2	SILL	CW179	3'-0"	.059	
ZG7	4'-5 1/2"	.059	8.5	3		ZG286	26'-9 1/2"	.082	
ZG8	7'-7 1/2"	.059	8.5	3	HEADR	32CW291	6'-0"	.059	8.5
ZG9	5'-7 1/2"	.059	8.5	3	JAMBL	CW287	13'-3"	.059	8.5
				3	JAMBR	CW287	13'-3"	.059	
				4		ZG286	26'-9 1/2"	.082	
				4	HEADR	CW233	8'-0"	.059	
				4	JAMBL	CW229	13'-3"	.059	
				4	JAMBR	CW229	13'-3"	.059	8.5



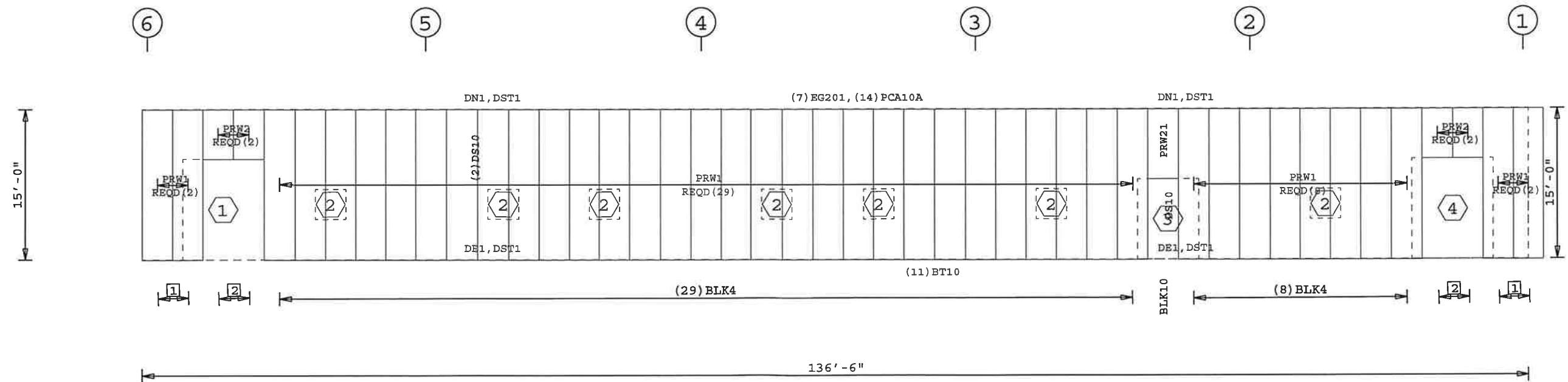
WALL ELEVATION AT N

- 8 GFA107
- 7 GFA006
- 6 JCP052042
- 5 7'-5 1/4"
- 4 6"
- 3 4'-0"
- 2 3'-0"
- 1 3'-6"

On: b038.oh Projky: 796 Bldg: 1 Plane: 3

THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

<p>1. UNLESS NOTED, USE 1/2" DIAMETER A-307 BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS. SEE JOB DETAILS FOR BOLT LENGTHS.</p> <p>2. WIND AND FLANGE BRACING ARE AN INTEGRAL PART OF THE WALL STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF WALL BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p>	<p>Building Code: 91NYST Live Ld(W/O Trib Red) 35.0 psf Coll. Ld (gravity): 2.0 psf Coll. Ld (uplift): 0.0 psf Wind Speed: 75.0 mph Wind Exp. Cat.: C Ground Snow: 35.0 psf Roof Snow: 35.0 psf Snow Exp. Cat.: 3 Seismic Zone: 2 Building Use Cat.: 1 Auxiliary Loads: NONE</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY. IT IS PROVIDED 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 VARCO-PRUDEN BUILDINGS. THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING. DRAWING DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>Wall Secondary</p>		QUOTE #	JOB #					
			<table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>DESC.</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	REV	DATE	BY	DESC.				
REV	DATE	BY	DESC.								



WALL ELEVATION AT N

- ② (2) BLK3
- ① (2) BLK4

On: b038.oh Projky: 796 Bldg: 1 Plane: 3

THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

1. Install Sheeting From Left to Right
2. WALL SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM, REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.
3. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.
2. 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

Building Code: 91NYST
 Live Ld(w/o Trib Red) 35.0 psf
 Coll. Ld (gravity): 2.0 psf
 Coll. Ld (uplift): 0.0 psf
 Wind Speed: 75.0 mph
 Wind Exp. Cat.: C
 Ground Snow: 35.0 psf
 Roof Snow: 35.0 psf
 Snow Exp. Cat.: 3
 Seismic Zone: 2
 Building Use Cat.: 1
 Auxiliary Loads: NONE

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY. IT IS PROVIDED 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 VARCO-PRUDEN BUILDINGS. THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACTUATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING. DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

REV	DATE	BY	DESC.	BUILDER
				Frontier Metal Buildings, Inc.
				Niagara Sample Book
				Niagara Falls, NY
				3379 Niagara Sample Book
				Fire Rebuild

QUOTE #	JOB #
DATE	7/15/98
TIME	17:42
DRAW/CHECK	
PAGE	



SHEETING				INSULATION					TRIM				
MARK	LENGTH	THK	COLOR (FINISH)	MARK	LENGTH	WIDTH	THICK	TYPE	FACING	FO#	MARK	LENGTH	COLOR (FINISH)
PRW1	14'-11 7/8"	26	Egyptian White (KXL)	BLK4	16'-0"	3'-0"	4"	BLK	PSKS		BT10	10'-3"	Patrician Bronze (KXL)
PRW2	4'-11 3/8"	26	Egyptian White (KXL)	BLK3	6'-0"	3'-0"	4"	BLK	PSKS		DE1		Egyptian White (KXL)
PRW21	6'-11 3/8"	26	Egyptian White (KXL)	BLK10	8'-0"	3'-0"	4"	BLK	PSKS		DN1		
											DS10	10'-0"	Egyptian White (KXL)
											DST1		Egyptian White (KXL)
											EG201	20'-3"	Patrician Bronze (KXL)
											PCA10A	10'-3"	Patrician Bronze (KXL)
										1	DF10	10'-3"	Patrician Bronze (KXL)
										1	HTS10	10'-6"	Patrician Bronze (KXL)
										1	JT10	10'-3"	Patrician Bronze (KXL)
										2	DF05	5'-1 1/2"	Patrician Bronze (KXL)
										2	HTS05	5'-6"	Patrician Bronze (KXL)
										2	JT05	5'-1 1/2"	Patrician Bronze (KXL)
										3	DF05	5'-1 1/2"	Patrician Bronze (KXL)
										3	HTS05	5'-6"	Patrician Bronze (KXL)
										3	JT05	5'-1 1/2"	Patrician Bronze (KXL)
										4	DF05	5'-1 1/2"	Patrician Bronze (KXL)
										4	HTS05	5'-6"	Patrician Bronze (KXL)
										4	JT05	5'-1 1/2"	Patrician Bronze (KXL)
										5	DF05	5'-1 1/2"	Patrician Bronze (KXL)
										5	HTS05	5'-6"	Patrician Bronze (KXL)
										5	JT05	5'-1 1/2"	Patrician Bronze (KXL)
										6	DF05	5'-1 1/2"	Patrician Bronze (KXL)
										6	HTS05	5'-6"	Patrician Bronze (KXL)
										6	JT05	5'-1 1/2"	Patrician Bronze (KXL)
										7	DF05	5'-1 1/2"	Patrician Bronze (KXL)
										7	HTS05	5'-6"	Patrician Bronze (KXL)
										7	JT05	5'-1 1/2"	Patrician Bronze (KXL)
										8	DF10	10'-3"	Patrician Bronze (KXL)
										8	HTS10	10'-6"	Patrician Bronze (KXL)
										8	JT10	10'-3"	Patrician Bronze (KXL)
										9	DF05	5'-1 1/2"	Patrician Bronze (KXL)
										9	HTS05	5'-6"	Patrician Bronze (KXL)
										9	JT05	5'-1 1/2"	Patrician Bronze (KXL)
										10	DF10	10'-3"	Patrician Bronze (KXL)
										10	HTS10	10'-6"	Patrician Bronze (KXL)
										10	JT10	10'-3"	Patrician Bronze (KXL)

WALL ELEVATION AT N

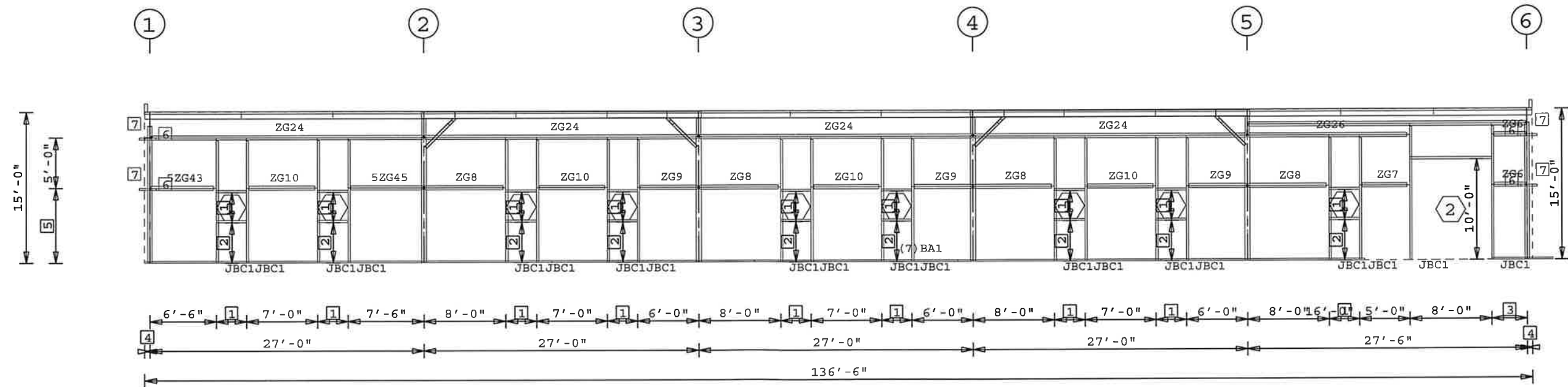
On: b038.oh Projky: 796 Bldg: 1 Plane: 3

THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

<p>1. Install Sheeting From Left to Right</p> <p>2. WALL SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.</p> <p>4. PRE-DRILLING 1/8" DIAMETER HOLES FOR WALL STRUCTURAL FASTENERS MAY BE REQUIRED AT 11 GAGE GIRTS, NESTED GIRTS, GIRT LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS</p>	<p>Building Code: 91NYST</p> <p>Live Ld (w/o Trib Red): 35.0 psf</p> <p>Coll. Ld (gravity): 2.0 psf</p> <p>Coll. Ld (uplift): 0.0 psf</p> <p>Wind Speed: 75.0 mph</p> <p>Wind Exp. Cat.: C</p> <p>Ground Snow: 35.0 psf</p> <p>Roof Snow: 35.0 psf</p> <p>Snow Exp. Cat.: 3</p> <p>Seismic Zone: 2</p> <p>Building Use Cat.: 1</p> <p>Auxiliary Loads: NONE</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY.</p> <p>IT IS PROVIDED 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 VARCO-PRUDEN BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING AND ALL APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>Wall Sheeting</p>			<p>QUOTE #</p>	<p>JOB #</p>	
			<p>REV</p>	<p>DATE</p>	<p>BY</p>	<p>DESC.</p>	<p>BUILDER Frontier Metal Buildings, Inc.</p>	<p>DATE 7/15/98</p>
							<p>CUSTOMER Niagara Sample Book</p>	<p>TIME 17:42</p>
							<p>LOCATION Niagara Falls, NY</p>	<p>DRAW/CHECK</p>
				<p>PROJECT 3379 Niagara Sample Book</p>	<p>PAGE</p>			
<p>SCALE NTS</p>			<p>BUILDING Fire Rebuild</p>					



SECONDARY				FRAMED OPENINGS					
MARK	LENGTH	THK	DEPTH	FO#	-LOC-	MARK	LENGTH	THK	DEPTH
5ZG43	6'-1 1/2"	.059	8.5	1	HEADR	CW179	3'-0"	.059	8.5
5ZG45	7'-1 1/2"	.059	8.5	1	JAMBL	CW175	12'-1 3/4"	.059	8.5
ZG10	6'-5 1/2"	.059	8.5	1	JAMBR	CW175	12'-1 3/4"	.059	
ZG24	26'-9 1/2"	.105	8.5	1	SILL	CW179	3'-0"	.059	
ZG26	15'-7 1/2"	.059	8.5	2		23ZG234	27'-3 1/2"	.082	
ZG6	3'-1 1/2"	.059	8.5	2	HEADR	CW233	8'-0"	.059	
ZG7	4'-5 1/2"	.059	8.5	2	JAMBL	CW229	13'-3"	.059	
ZG8	7'-7 1/2"	.059	8.5	2	JAMBR	CW229	13'-3"	.059	8.5
ZG9	5'-7 1/2"	.059	8.5						



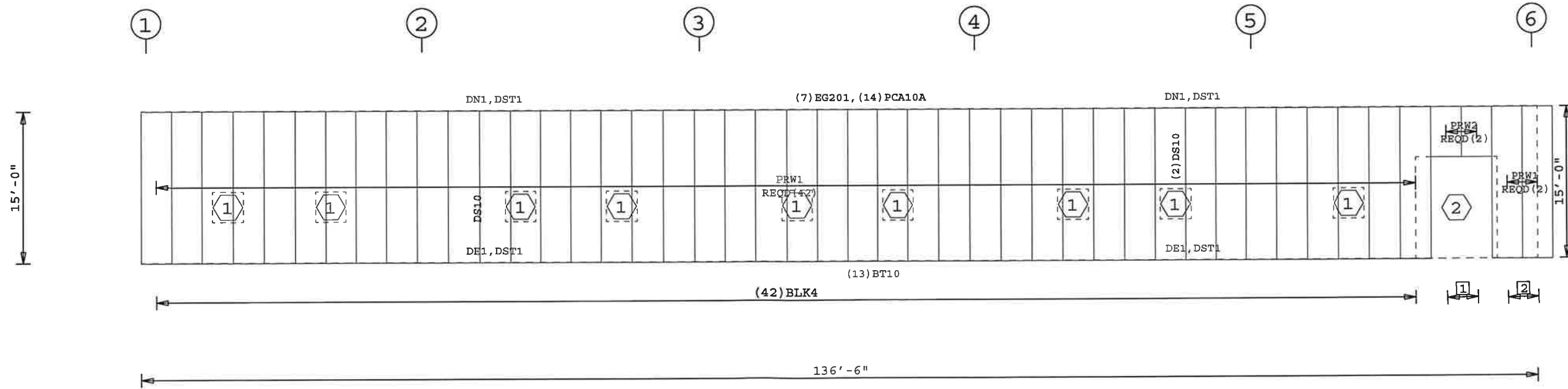
WALL ELEVATION AT S

- 7 GFA107
- 6 JCP052042
- 5 7'-5 1/4"
- 4 6"
- 3 3'-6"
- 2 4'-0"
- 1 3'-0"

On: b038.oh Projky: 796 Bldg: 1 Plane: 5

THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

<p>1. UNLESS NOTED, USE 1/2" DIAMETER A-307 BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS. SEE JOB DETAILS FOR BOLT LENGTHS.</p> <p>2. WIND AND FLANGE BRACING ARE AN INTEGRAL PART OF THE WALL STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF WALL BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p>	<p>Building Code: 91NYST Live Ld (w/o Trib Red) 35.0 psf Coll. Ld (gravity): 2.0 psf Coll. Ld (uplift): 0.0 psf Wind Speed: 75.0 mph Wind Exp. Cat.: C Ground Snow: 35.0 psf Roof Snow: 35.0 psf Snow Exp. Cat.: 3 Seismic Zone: 2 Building Use Cat.: 1 Auxiliary Loads: NONE</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY. IT IS PROVIDED 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 VARCO-PRUDEN BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING. DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VARCO-PRUDEN ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>Wall Secondary</p>		<p>QUOTE #</p>	<p>JOB #</p>
			<p>REV DATE BY DESC</p>	<p>BUILDER Frontier Metal Buildings, Inc.</p>	<p>DATE 7/15/98</p>	<p>CUSTOMER Niagara Sample Book</p>
		<p>LOCATION Niagara Falls, NY</p>		<p>MBMA METAL BLDG MFG ASSN</p>		<p>VARCO-PRUDEN BUILDINGS A UNITED DOMINION COMPANY</p>
		<p>PROJECT 3379 Niagara Sample Book</p>		<p>PAGE</p>		
		<p>BUILDING Fire Rebuild</p>		<p>SCALE NTS</p>		





WALL ELEVATION AT S

- 2 (2) BLK4
- 1 (2) BLK3

On: b038.oh Projky: 796 Bldg: 1 Plane: 5

THIS DRAWING IS SEALED ONLY AS TO THE COMPONENTS FURNISHED BY VARCO-PRUDEN

1. Install Sheeting From Left to Right 2. WALL SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM, REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED. 3. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION. 2. 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	Building Code: 91NYST Live Ld(W/O Trib Red) 35.0 psf Coll. Ld (gravity): 2.0 psf Coll. Ld (uplift): 0.0 psf Wind Speed: 75.0 mph Wind Exp. Cat.: C Ground Snow: 35.0 psf Roof Snow: 35.0 psf Snow Exp. Cat.: 3 Seismic Zone: 2 Building Use Cat.: 1 Auxiliary Loads: NONE	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, A UNITED DOMINION COMPANY. IT IS PROVIDED 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 VARCO-PRUDEN 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 APPLY UNLESS VARIOUS ERECTION DETAILS AND ALL INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	Wall Sheeting QUOTE # JOB #	
	REV DATE BY DESC.	BUILDER Frontier Metal Buildings, Inc.	CUSTOMER Niagara Sample Book	DATE 7/15/98
		LOCATION Niagara Falls, NY		TIME 17:42
	SCALE NTS	PROJECT 3379 Niagara Sample Book		DRAW/CHECK VARCO-PRUDEN BUILDINGS A UNITED DOMINION COMPANY

