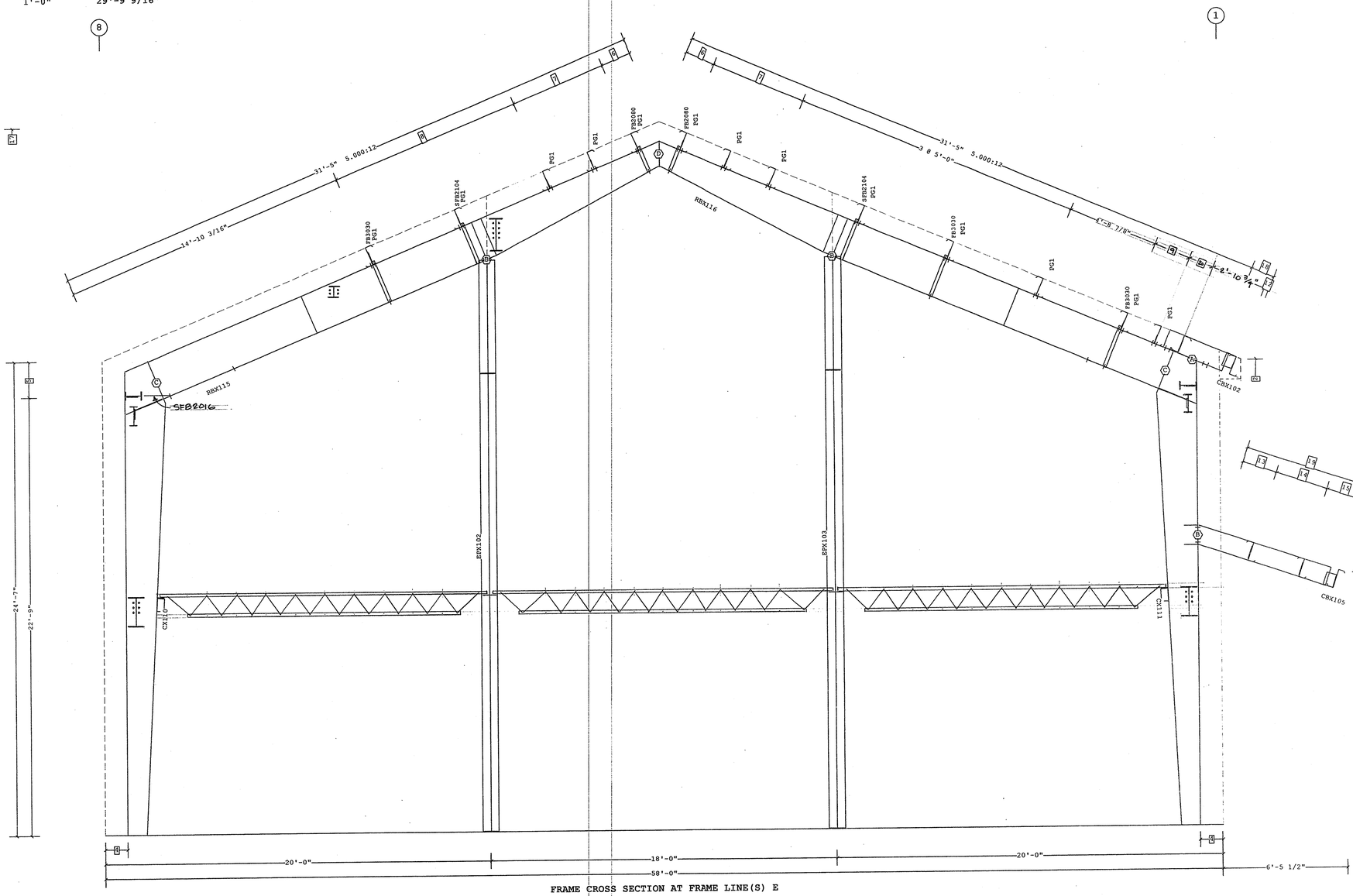
◯Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CBX102	10001	5"	.1345	.1345	11 1/2"	11 1/2"	3'-3 1/2"
CBX105	10003	5"	.1345	.1345	11 1/2"	11 1/2"	7'-2 7/8"
CX110	1	8"	.5000	.1875	1'-0"	2'-0"	24'-6"
RBX115	2	5"	.3750	.1644	2'-1"	2'-1"	28'-10 1/8"
	3	5"	.2500	.1345	2'-1"	2'-1"	
	4	5"	.2500	.1345	2'-1"	1'-2"	
RBX116	5	5"	.2500	.1345	1'-2"	2'-1"	28'-10 1/8"
	6	5"	.2500	.1345	2'-1"	2'-1"	
	7	5"	.3750	.1644	2'-1"	2'-1"	
CX111	8	8"	.5000	.1875	1'-0"	2'-0"	24'-6"
EPX102	9	10"	.3750	.1644	1'-0"	1'-0"	29'-9 9/16"
EPX103	10	10"	.3750	.1644	1'-0"	1'-0"	29'-9 9/16"

◯Bolt Connection & Plate Schedule

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

Frame Clearances
Horiz. Clearance between members 1(CX110) and 8(CX111): 51'-5 7/8"
Vert. Clearance at member 1(CX110): 22'-4 3/4"
Vert. Clearance at member 8(CX111): 22'-4 3/4"
Vert. Clearance at member 9(EPX102): 29'-7 7/16"
Vert. Clearance at member 10(EPX103): 29'-7 7/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) E

20 1'-3 5/8"
19 6'-9 11/16" 4.000:12
18 1'-2 5/8" 5.000:12
17 36'-8" Ridge Ht.
16 4 1/2"
15 1'-10 3/16"
14 2'-9 3/16"
13 1'-9 13/16"
12 3"
11 11 5/8"
10 1'-4 3/16"
9 1'-10 9/16"
8 2 @ 5'-0"
7 2 @ 2'-6"
6 1'-6 13/16"
5 1'-10"
4 1'-2"
3 13'-0"
2 24'-1 3/8"
1 1'-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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STEPHEN L. CARR REGISTERED PROFESSIONAL ENGINEER PE. 11895 STATE OF MISSISSIPPI
4/23/09

Shape Name = Operations Building Wall 4, Frame 7

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRAME CROSS SECTION AT FRAME LINE(S) E

BUILDER	Broadmoor, LLC
CUSTOMER	John F. Stennis Space Center
LOCATION	Stennis Space Center, Mississippi
PROJECT	Riverine and Combatant Craft Operations Facility
BUILDERS PO#	

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

JOBNO	08-28914 EP1
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