Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
CX212	1	10"	.5000	.1875	1'-6"	1'-5 7/8"	21'-5 3/16"
	2	10"	.5000	.2500	1'-5 7/8"	1'-6"	
RBX217	3	10"	.5000	.1875	1'-8"	1'-8"	25'-8"
	4	10"	.5000	.1875	1'-8"	1'-8"	
CX213	5	10"	.5000	.2500	1'-5 7/8"	1'-6"	21'-5 3/16"
	6	10"	.5000	.1875	1'-6"	1'-5 7/8"	

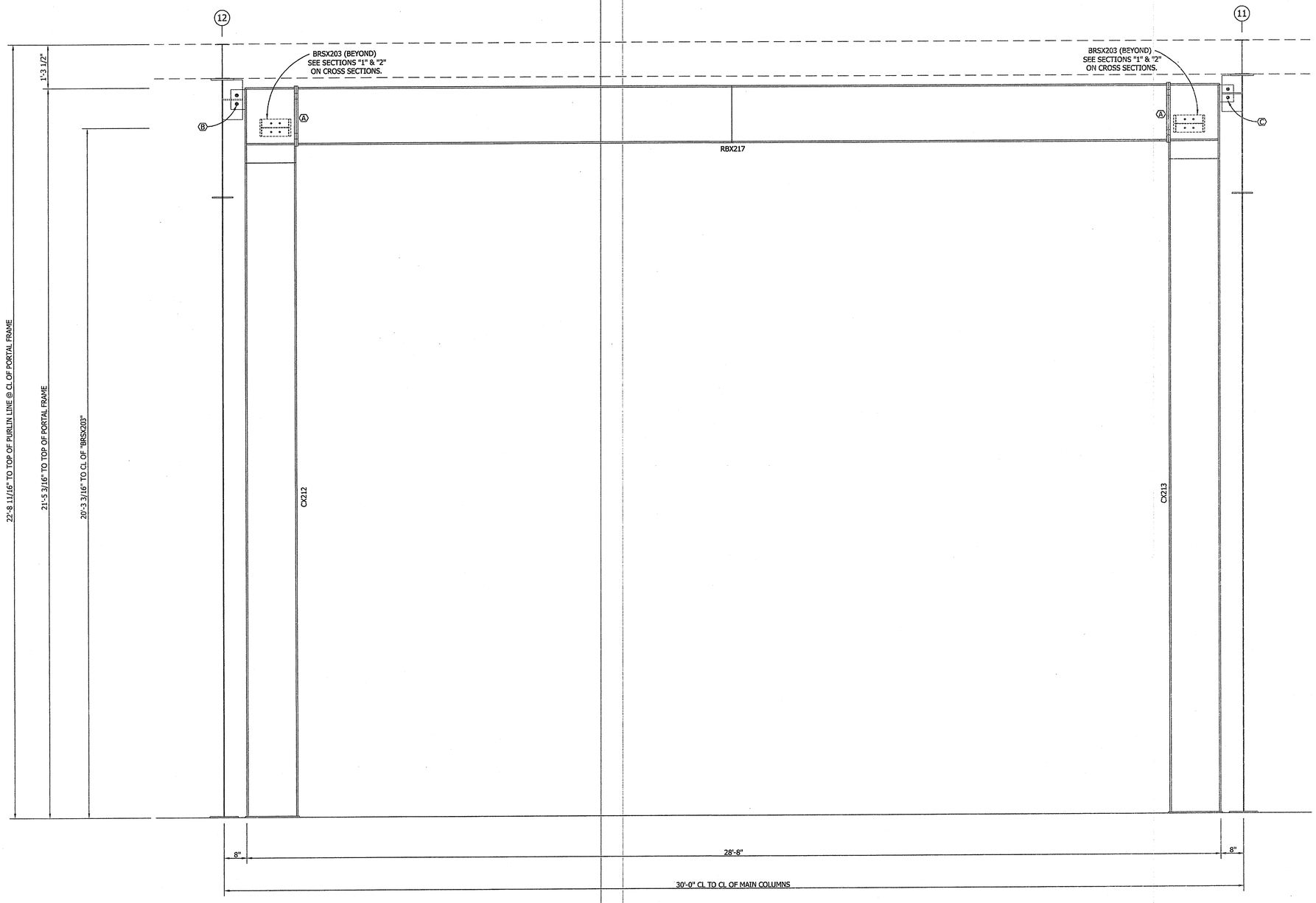
Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Washer
A	12	A325	3/4"	2 1/4"	5/8"	2	2	NA
B	2	A325	7/8"	2 1/2"	3/8"	1	1	YES - "BOTH SIDES OF CONNECTION"
C	2	A325	3/4"	2 1/4"	3/8"	1	1	YES - "BOTH SIDES OF CONNECTION"

NOTE: BOLTS ARE SLIP CRITICAL AND 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(CX212) and 5(CX213): 25'-8 1/8"
Horiz. Clearance between members 1(CX212) and 6(CX213): 25'-8 1/4"
Horiz. Clearance between members 2(CX212) and 5(CX213): 25'-8"
Horiz. Clearance between members 2(CX212) and 6(CX213): 25'-8 1/8"
Vert. Clearance at member 2(CX212): 19'-8 11/16"
Vert. Clearance at member 5(CX213): 19'-8 11/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



PORTAL FRAME ELEVATION ALONG LINE "B"

BARRY W. BOREN REGISTERED PROFESSIONAL ENGINEER 12630 STATE OF MISSISSIPPI 4-22-09

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 = Maintenance Area Wall 2, Frame 2

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VP Buildings
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

PORTAL FRAME ELEVATION ALONG LINE "B"

BUILDER:	Broadmoor, LLC
CUSTOMER:	John F. Stennis Space Center
LOCATION:	Stennis Space Center, Mississippi
PROJECT:	Riverine and Combatant Craft Operations Facility (Maintenance Building)

VP BUILDINGS VARCO PRUDEN
A BlueScope Steel Company

JOBNO	08-28914-EP2
DATE	4/21/09
DRAWN/CHECK	ODN/ODN
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