



ONE - BEAM - 103B33

W	7 7/8 x 1/4
F	6 1/2 x 3/8

SHOP NOTE
WORK THIS DRG INCONJUNCTION WITH
103B33/A

SHP MARK	DIV	ASSM MARK	NO PCS	SECTION	LENGTH		CHEMISTRY	WEIGHT	P.O. NUMBER	REMARKS	PG / ITEM
					FT.	IN.					
103B33	103		1	W8X24	38'-9 3/16		A992	934.0		ROLLING SKETCH RS22	119/38
		a85	2	L4X3-1/2X3/8	6'-4 1/8		A36	57.6			122/148
		a114	2	L4X3-1/2X3/8	6'-3 15/16		A36	57.5			122/144
		a123	2	L4X3-1/2X3/8	6'-4 1/8		A36	57.7			122/145
		a162	2	L2-1/2X2-1/2X1/4	3'-7 3/16		A36	14.6			122/157
		a163	2	L2-1/2X2-1/2X1/4	3'-7 1/4		A36	14.6			122/157
		a166	2	L2-1/2X2-1/2X1/4	3'-7 1/4		A36	14.6			122/157
		a183	1	L6X6X7/16	0'-8 1/4		A36	11.9			
		a191	2	L4X3-1/2X3/8	6'-3 7/8		A36	57.5			122/146
		a192	2	L4X3-1/2X3/8	6'-4 1/8		A36	57.7			122/145
		a218	1	L5X5X7/16	2'-0 7/16		A36	29.0			
		a219	1	L5X5X7/16	2'-2 7/8		A36	31.9			
		a231	1	L5X5X7/16	2'-2 3/16		A36	31.0			
		a232	1	L5X5X7/16	1'-11 11/16		A36	28.0			
		a236	1	L6X6X7/16	0'-6 7/8		A36	9.9			
		a237	1	L6X6X7/16	0'-7 1/8		A36	10.3			
		a244	1	L6X6X7/16	0'-8 1/2		A36	12.2			
		c74	1	HSS18X0.500	4'-9 11/16		A500-GR.C	418.6			111/11
		p261	3	PL3/8"x3 1/2"	0'-5		A36	1.9			
		p266	2	PL3/8"x4 1/2"	0'-7 1/4		A36	3.3			
		p267	1	PL3/8"x6"	2'-2 3/16		A36	16.8			
		p280	1	PL3/8"x8 9/16"	3'-2 1/8		A572-GR.50	34.2			
		p284	1	D27"	0'-1 3/4		A36	283.2			
		p301	1	FL3/8"x5"	0'-7		A36	3.7			
		p305	1	PL3/8"x6 1/16"	1'-5 13/16		A36	11.5			
		p323	3	FL3/8"x4"	0'-3 1/2		A36	1.5			
		p324	10	FL3/8"x4"	0'-5		A36	2.1			
		p366	1	FL3/8"x4"	0'-7 1/16		A36	2.9			
		p368	1	FL3/8"x4"	0'-7 1/16		A36	2.9			
		p420	4	PL1/8"x2 5/8"	2'-8 7/16		A36	0.8			
		p428	1	PL1/2"x8 5/8"	1'-5 11/16		A36	16.8			
		p431	1	PL1/2"x8 9/16"	1'-5 11/16		A36	16.8			
		p448	1	PL3/8"x6"	2'-8 7/16		A36	20.6			
		p474	1	PL3/8"x4"	0'-5 1/2		A36	2.3			
		p475	1	PL3/8"x4"	0'-5 1/2		A36	2.3			
		p487	1	FL5/8"x8"	0'-7 3/8		A36	9.6			
		p488	1	FL5/8"x8"	0'-7 1/2		A36	9.7			
		p489	1	FL5/8"x8"	0'-7 1/4		A36	9.4			
		p490	1	FL5/8"x8"	0'-7 3/16		A36	9.3			
		p516	1	FL3/8"x6"	0'-8		A36	5.1			
		p523	2	PL3/8"x5"	0'-7 3/16		A36	3.6			
		p763	1	PL1/2"x12"	0'-5 5/8		A36	0.4			
		p776	1	PL3/8"x7"	2'-11 3/4		A572-GR.50	26.7			
		p777	1	PL3/8"x7 1/8"	2'-4 15/16		A572-GR.50	21.9			
		w109	1	W8X24	20'-9 5/8		A992	501.2		ROLLING SKETCH RS43	119/40
		w153	1	W8X24	16'-11 5/16		A992	408.2		ROLLING SKETCH RS32	119/37
TOTAL WEIGHT FOR 1 ASSEMBLY								3644.4			

NOTE: ALL WORKSHOP BOLTS SHALL BE TIGHTENED BY THE "SNUG-TIGHT" CONDITION AS DEFINED BY AISC, U.O.N.

WELDING ELECTRODE E70XXH UNLESS NOTED		STEEL SPEC. W-SHAPES ASTM A992 HOLLOW STRUCTURAL SHAPES ASTM A500-B ALL OTHER MATERIAL ASTM A36 UNLESS NOTED		HOLE SIZE 13/160	
ERECTOR'S NOTE STEEL IS FABRICATED WITH "ERECTION MARKS" ON LEFT HAND END OF MEMBERS					
ALL HOLES IN BEAM END CONNECTION CLIP ANGLE OUTSTANDING LEG SHALL BE 13/16" HORIZ SLOTS U.N.O					
PREP	SSPC-SP3				
SHOP PAINT	1-SIC STD SHOP PRIMER				
REF DWG: E135,E135/A,E135/C, E136,E731/J,E731/K		PROJECT: SCIENCE MUSEUM OF VIRGINIA			
		LOCATION: RICHMOND VA.			
		ARCHT.: PFEIFFER PARTNERS			
		CONTR.:			
		MADE MR 11/11/2015		CHKD. MJK 01/14/16	
		ORDER NO. 15-114		SHEET NO. 103B33	
ITEMS		SEQ. 103			

