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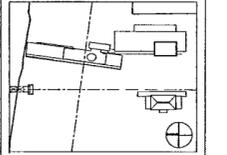
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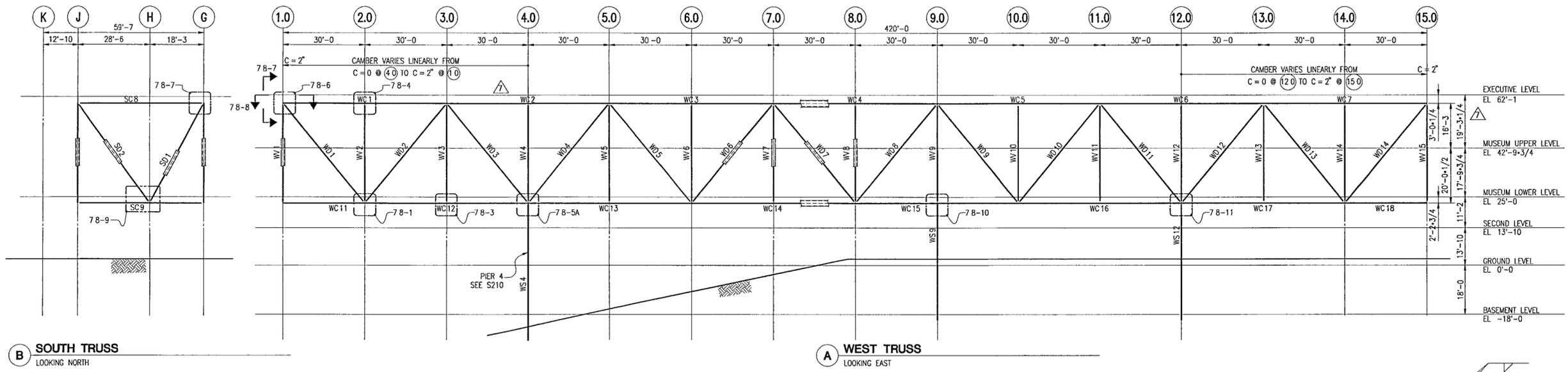
8	100% CONSTRUCTION DOCS	09/27/02
7	90% PROGRESS PRINTING	08/30/02
6	100% STRUCTURAL CD	07/01/02
5	100% STL & CONC CD	05/15/02
4	BUILDING DEPT	03/18/02
3	BID ISSUE	03/01/02
2	75% DESIGN LEVEL	01/25/02
1	50% DESIGN LEVEL	12/19/01
Issue		Date



Job No 9908  
Scale 1/16"=1'-0"  
Date DEC 11, 2001  
Title

MUSEUM BUILDING  
TRUSS ELEVATIONS

Sheet No **S201**



**B SOUTH TRUSS**  
LOOKING NORTH

**A WEST TRUSS**  
LOOKING EAST

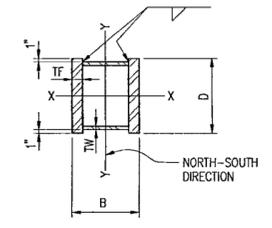
MEMBER	FY [KSI]	B [IN]	D [IN]	TW [IN]	TF [IN]	TENSION [KIPS]	COMPRESSION [KIPS]	M XX (K-FT)	M YY (K-FT)	WELD SIZE E. (IN)
WC1	50	16	30	5/8	1-1/4	110	-	680	60	7/8
WC2	50	16	30	5/8	2	2470	-	640	50	CJP
WC3	50	16	30	5/8	1-1/4	-	880	670	70	CJP
WC4	50	16	30	5/8	1-1/4	-	490	1250	220	CJP
WC5	50	16	30	5/8	1-1/2	630	-	900	390	CJP
WC6	50	16	30	5/8	2-1/4	2640	-	980	265	CJP
WC7	50	16	30	5/8	1-1/4	200	-	640	100	7/8
WC11	50	16	26	5/8	1-1/4	10	-	250	90	5/8
WC12	50	16	26	5/8	1-1/4	-	820	320	50	CJP
WC13	50	16	26	5/8	1-1/4	-	1140	290	10	CJP
WC14	50	16	26	5/8	1-1/4	950	-	180	50	CJP
WC15	50	16	26	5/8	1-1/2	-	1000	590	40	CJP
WC16	50	16	26	5/8	1-1/4	-	1470	110	10	CJP
WC17	50	16	26	5/8	2-3/4	2600	-	900	255	CJP
WC18	50	16	26	5/8	1-1/4	40	-	280	70	1/2

MEMBER	FY [KSI]	B [IN]	D [IN]	TW [IN]	TF [IN]	TENSION [KIPS]	COMPRESSION [KIPS]	M XX (K-FT)	M YY (K-FT)	WELD SIZE E. (IN)
WV1	50	16	16	5/8	1	120	-	110	40	CJP
WV2	50	16	16	5/8	1	-	350	70	330	CJP
WV3	50	16	16	5/8	1	470	-	10	200	CJP
WV4	50	16	16	5/8	1	-	300	20	250	CJP
WV5	50	16	16	5/8	1	475	-	10	200	CJP
WV6	50	16	16	5/8	1	-	350	10	200	CJP
WV7	50	16	16	5/8	1	440	-	10	420	CJP
WV8	50	16	16	5/8	1	-	610	95	420	CJP
WV9	50	16	16	4	4	-	3210	40	780	CJP
WV10	50	16	16	5/8	1	-	745	35	720	CJP
WV11	50	16	16	5/8	1	350	-	60	700	CJP
WV12	50	16	16	5/8	1-1/2	-	460	20	650	CJP
WV13	50	16	16	5/8	1	335	-	55	620	CJP
WV14	50	16	16	5/8	1	-	350	70	400	CJP
WV15	50	16	16	5/8	1	100	-	110	30	CJP

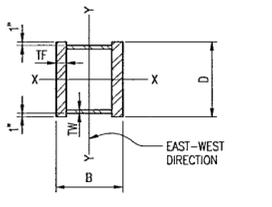
MEMBER	FY [KSI]	B [IN]	D [IN]	TW [IN]	TF [IN]	TENSION [KIPS]	COMPRESSION [KIPS]	M XX (K-FT)	M YY (K-FT)	WELD SIZE E. (IN)
WD1	50	16	16	5/8	1	-	340	40	250	3/4
WD2	50	16	16	5/8	1-1/2	1410	-	50	270	CJP
WD3	50	16	16	6	4	-	2510	30	100	CJP
WD4	50	16	16	6	4	-	2690	20	80	CJP
WD5	50	16	16	5/8	1-1/2	1560	-	50	10	CJP
WD6	50	16	16	5/8	1	-	530	20	70	CJP
WD7	50	16	16	1-1/2	1-1/2	-	1100	30	340	CJP
WD8	50	16	16	5/8	3	2420	-	100	450	CJP
WD9	50	16	16	5/8	1-3/4	1175	-	225	390	CJP
WD10	50	16	16	5/8	2-1/2	1000	-	420	540	CJP
WD11	50	16	16	5/8	3-3/4	-	2425	300	70	CJP
WD12	50	16	16	6	4	-	2480	30	100	CJP
WD13	50	16	16	5/8	1-3/4	1410	-	50	310	CJP
WD14	50	16	16	5/8	1	-	390	50	270	3/4

MEMBER	FY [KSI]	B [IN]	D [IN]	TW [IN]	TF [IN]	TENSION [KIPS]	COMPRESSION [KIPS]	M XX (K-FT)	M YY (K-FT)	WELD SIZE E. (IN)
SC8	50	16	30	5/8	1-1/4	-	30	675	10	CJP
SC9	50	16	26	5/8	1-1/4	30	-	290	30	CJP
SD1	50	16	16	5/8	1	130	-	30	45	CJP
SD2	50	16	16	5/8	1	30	-	60	80	CJP
WS9	50	16	20	1-1/2	3	-	3535	155	200	CJP
WS12	50	16	20	3	4	-	3720	770	290	CJP

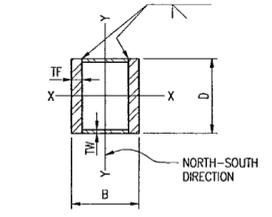
- NOTES**
- 1 TRUSS CONNECTION FORCES TABULATED ARE FACTORED
  - 2 CONTRACTOR MAY INCREASE PLATE THICKNESSES AND/OR PLATE YIELD POINT WHERE PERMITTED BY THE STRUCTURAL ENGINEER AND ARCHITECT
  - 3 THE TRUSS ELEVATION AND DIMENSIONS SHOW THE CENTERLINES OF THE MEMBERS



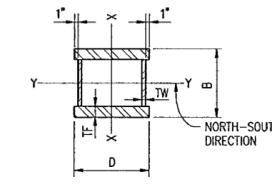
**C TYPICAL MEMBER**  
(UNLESS OTHERWISE NOTED)



**D SC8, SC9, SD1, SD2**



**E WV1, WV15**



**F WS9, WS12**

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