SKILLING - HELLE - CHRISTIANSEN - ROBERTSON — STRUCTURAL CIVIL ENGINEERS

PROJECT: THE WORLD TRADE CENTER | TITLE: SCHEDULE FOR BEAM CONNECTION TO TOWER A | DATE: 11-21-67

REVISIONS
1-5-68
5-1-68

DETAIL No.	BEAM			CONNECTION										g
				TYPE	SEAT ℄			STIFFENER ℄			WELD SIZE			
	SIZE	ELEV.	D		W	t	B	W	t	L	A	B		
A-301	16WF36	309'-3"		C	7"	1/2"	6 1/2"	7"	1/2"	13"	5/16"	5/16"	3 1/2"	
A-302	30WF99	309'-3"	1'-8"	B	8	3/4	8 1/2	8	3/4	19	3/8	3/8	5 1/2	
A-303	30WF99	309'-3"	1'-8"	B	9	3/4	8 1/2	9	3/4	18	1/2	1/2	5 1/2	
A-304	30WF99	309'-3"	1'-8"	B	9	3/4	8 1/2	9	3/4	18	1/2	1/2	5 1/2	
A-305	30WF108	309'-3"	1'-8"	B	10	3/4	9	10	3/4	20	1/2	1/2	5 1/2	
A-306	30WF99	309'-3"	1'-8"	B	10	3/4	9	10	3/4	20	1/2	1/2	5 1/2	
A-307	30WF172	309'-3"	1'-8"	B	8	15/16	9	8	15/16	20	3/8	3/8	5 1/2	
A-308	33WF141	308'-8"		C	5	7/8	8 1/2	5	7/8	15	5/16	5/16	5 1/2	
A-309	16WF45	308'-4"		C	6	1/2	6 1/2	6	1/2	12	5/16	5/16	3 1/2	
A-310				(See 12-JK1-110 for detail)										
A-401	18WF55	307'-5"		C	5	9/16	6 1/2	5	9/16	11	5/16	5/16	3 1/2	
A-402	24B55	307'-11"		C	↑	↑	↑	↑	↑	↑	↑	↑	↑	
A-403	18WF55	307'-11"		C										
A-404	↑	307'-11"		C										
A-405		308'-1"		C										
A-406	↓	308'-1"		C	↓	↓	↓	↓	↓	↓			↓	
A-407	18WF55	308'-3"		C	5	9/16	6 1/2	5	9/16	11	↓	↓	3 1/2	
A-408	36WF135	308'-3"		C	7	7/8	9	7	7/8	20	5/16	5/16	5 1/2	

NOTE:-

1. See dwg 12-JK1-105&106 for detail of connection.

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

12-JK1-108