SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: BEAM CONNECTION DETAILS | DATE: 1-5-68

REVISIONS

3-21-69

DETAIL No.	ELEV. AT TOP OF BEAM		BEAM SIZES		SEAT			
	Upper beam	Lower beam	Upper beam	Lower beam	Size	Stiff. PL K	Weld a	Weld b
C-1	309'-6¼"		18 B 35					
		306'-9"	18 B 40	33 WF 240	14 WF 38			
D-1	309'-6"	307'-4"	21 WF 55	24 WF 68	ST 13 WF 42	¼	⅜	¼
D-2	306'-10"	305'-1"	18 WF 45	16'2 x 29#I	ST 9 WF 25		5/16	
E-1	309'-3"	307'-0"	27 WF 94	24 WF 68		½	5/16	5/16

NOTE:
See 12-JK1-63 & 64 for detail.

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON NEW YORK

DRAWN S.C.

REVIEWED E.L.

12-JK1-60