SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL - TREE - SCHEDULE WALL 100 | DATE: 12-18-67

REVISIONS
7-25-68
8-20-68

	LEVEL B COLUMN 1					LEVEL B COLUMN 2					LEVEL B COLUMN 3					UPPER COL. SPLICE		
PNL NO	TYPE	FYB1	FYB2	FYB6	WELD 3	TYPE	FYB1	FYB2	FYB6	WELD 3	TYPE	FYB1	FYB2	FYB6	WELD 3	COL.1	COL.2	COL.3
142B	B18	45	45	45	1/2	B18	45	45	45	1/2	B17	45	45	45	1/2	103	103	103
145B	B17	45	45	45	1/2	B17	45	45	45	1/2	B17	45	45	45	1/2	103	103	103
148B	B17	45	45	45	1/2	B17	45	45	45	1/2	B17	45	45	45	1/2	103	103	103
151B	B17	45	45	45	1/2	B16	45	45	45	1/2	B15	45	45	45	1/2	103	103	103
154B	B14	45	45	45	1/2	B13	45	45	45	1/2	B12	45	45	45	1/2	103	103	103
157B	B11	45	45	45	1/2	B08	50	50	50	1/2	B06	55	55	50	1/2	103	102	102

PNL NO	LEVEL C COL.1			LEVEL C COL.2			LEVEL C COL.3		
	TYPE	FYC1	FYC2	TYPE	FYC1	FYC2	TYPE	FYC1	FYC2
142B	C18	45	45	C18	45	45	C17	45	45
145B	C17	45	45	C17	45	45	C17	45	45
148B	C17	45	45	C17	45	45	C17	45	45
151B	C17	45	45	C16	45	45	C15	45	45
154B	C14	45	45	C13	45	45	C12	45	45
157B	C11	45	45	C08	50	50	C06	55	55

	LEVEL D COLUMN 1						LEVEL D COLUMN 2					LEVEL D COLUMN 3					
PNL NO	TYPE	FYD1	FYD2	FYD5	FYD6	WELD 2	TYPE	FYD1	FYD2	FYD5	WELD 2	TYPE	FYD1	FYD2	FYD5	FYD6	WELD 2
142B	D10	45	45	36	45	1/2	D10	45	45	36	1/2	D10	45	45	36	45	1/2
145B	D09	45	45	36	45	1/2	D09	45	45	36	1/2	D09	45	45	36	45	1/2
148B	D09	45	45	36	45	1/2	D09	45	45	36	1/2	D09	45	45	36	45	1/2
151B	D08	45	45	36	45	1/2	D08	45	45	36	1/2	D08	45	45	36	45	1/2
154B	D07	45	45	36	45	3/8	D07	45	45	36	3/8	D07	45	45	36	45	3/8
157B	D06	45	45	36	45	3/8	D06	50	50	36	3/8	D06	55	55	36	45	3/8

PNL NO	LEVEL E	TYPE	FYE1	FYE2	FYE3	FYE4	FYE5	FYE6	FYE7	FYE8	WELD 5	WELD 6	WELD 7	LEVEL F	TYPE	FYF1	FYF2	LCS
142B		E18	50	50	45	45	50	50	42	42	3/8	3/8	3/8		F20	42	42	705
145B		E17	50	50	45	45	50	50	42	42	3/8	3/8	3/8		F20	42	42	705
148B		E17	45	45	45	45	45	45	42	42	3/8	3/8	3/8		F17	45	45	704
151B		E16	55	55	45	45	55	55	42	42	3/8	3/8	3/8		F16	55	55	704
154B		E13	55	55	45	45	55	55	42	42	3/8	3/8	3/8		F13	55	55	703
157B		E09	60	60	45	45	60	60	42	42	3/8	3/8	3/8		F09	60	60	702

PNL NO	SPANDREL LEVEL B				SEAT DETAILS			SPANDREL LEVEL D								SEAT DETAILS		
	TB4	FYB4	SCL	SCR	COL.1	COL.2	COL.3	TD4	FYD4	TD7	FYD7	TD8	FYD8	WELD 8	SCL	SCR	COL.1	COL.2	COL.3
142B	1-3/8	36	B13	B13	91	98	91	1-1/2	42	3/4	36	1	36	3/8	D13	D14	71	76	71
145B	1-3/8	36	B13	B13	97	91	97	1-1/2	42	3/4	36	1	36	3/8	D14	D13	76	71	76
148B	1-3/8	36	B13	B13	91	98	91	1-1/2	42	3/4	36	1	36	3/8	D13	D12	71	76	71
151B	1-3/8	36	B13	B13	98	91	89	1-1/2	42	3/4	36	1	36	3/8	D12	D12	76	71	76
154B	1-3/8	36	B13	B13	91	89	98	1-1/2	42	5/8	36	7/8	36	3/8	D12	D13	71	76	71
157B	1-3/8	36	B13	B13	89	89	86	1-1/2	42	1/2	36	3/4	36	3/8	D13	D14	76	71	76

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