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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL - TREE - SCHEDULE WALL 400 | DATE: 12-18-67

REVISIONS
7-25-68
8-20-68

PNL NO	LEVEL A COLUMN 1 TYPE	FYB1	FYB2	FYB6	WELD 3	LEVEL A COLUMN 2 TYPE	FYB1	FYB2	FYB6	WELD 3	LEVEL A COLUMN 3 TYPE	FYB1	FYB2	FYB6	WELD 3	UPPER COL. SPLICE COL.1	COL.2	COL.3
4428	B10	50	50	50	1/2	B10	50	50	50	1/2	B10	50	50	50	1/2	103	103	103
4458	B08	50	50	50	1/2	B07	50	50	50	3/8	B06	50	50	50	3/8	102	102	102
4488	B05	50	50	50	3/8	B05	50	50	50	3/8	B04	50	50	50	3/8	102	102	102
4518	B04	50	50	50	3/8	B03	50	50	50	3/8	B03	50	50	50	3/8	102	102	102
4548	B03	50	50	50	3/8	B03	50	50	50	3/8	B03	50	50	50	3/8	102	102	102
4578	B03	50	50	50	3/8	B03	50	50	50	3/8	B02	50	50	50	3/8	102	102	102

PNL NO	LEVEL C COL.1 TYPE	FYC1	FYC2	LEVEL C COL.2 TYPE	FYC1	FYC2	LEVEL C COL.3 TYPE	FYC1	FYC2
4425	C10	50	50	C10	50	50	C10	50	50
4458	C08	50	50	C07	50	50	C06	50	50
4488	C05	50	50	C05	50	50	C04	50	50
4518	C04	50	50	C03	50	50	C03	50	50
4548	C03	50	50	C03	50	50	C03	50	50
4578	C03	50	50	C03	50	50	C02	55	55

PNL NO	LEVEL B COLUMN 1 TYPE	FYD1	FYD2	FYD5	FYD6	WELD 2	LEVEL B COLUMN 2 TYPE	FYD1	FYD2	FYD5	WELD 2	LEVEL B COLUMN 3 TYPE	FYD1	FYD2	FYD5	FYD6	WELD 2
4428	D05	50	50	36	36	3/8	D05	50	50	36	3/8	D05	50	50	36	36	3/8
4458	D04	50	50	36	36	3/8	D04	50	50	36	3/8	D04	50	50	36	36	3/8
4488	D03	50	50	36	36	3/8	D03	50	50	36	3/8	D03	50	50	36	36	3/8
4518	D02	50	50	36	36	3/8	D02	50	50	36	3/8	D02	50	50	36	36	3/8
4548	D02	50	50	36	36	3/8	D02	50	50	36	3/8	D02	50	50	36	36	3/8
4578	D02	50	50	36	36	3/8	D02	50	50	36	3/8	D02	55	55	36	36	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
4428	E11	55	55	45	45	55	55	45	42	3/8	3/8	3/8	F11	55	55	702
4458	E07	60	60	45	45	60	60	45	42	3/8	3/8	3/8	F07	60	60	701
4488	E06	60	60	45	45	60	60	45	42	3/8	3/8	3/8	F06	60	60	703
4518	E05	60	60	45	45	60	60	45	42	3/8	3/8	3/8	F05	60	60	701
4548	E05	60	60	45	45	60	60	45	42	3/8	3/8	3/8	F05	60	60	701
4578	E04	60	60	45	45	60	60	45	42	3/8	3/8	3/8	F04	60	60	701

PNL NO	SPANDREL LEVEL B TB4	FYB4	SCL	SCR	SEAT DETAILS COL.1	COL.2	COL.3	SPANDREL LEVEL D TD4	FYD4	TD7	FYD7	TD8	FYD8	WELD 8	SCL	SCR	SEAT DETAILS COL.1	COL.2	COL.3
4428	1-3/8	36	B12	B12	92	98	90	1-1/2	42	1/2	36	7/8	36	3/8	D12	D11	72A	76	70
4458	1-3/8	36	B12	B12	96	97	93	1-1/2	42	1/2	36	3/4	36	3/8	D11	D11	73	76	73
4488	1-3/8	36	B12	B12	98	88	98	1-1/2	42	1/2	36	3/4	36	3/8	D11	D12	76	73	76
4518	1-3/8	36	B12	B12	93	98	88	1-1/2	42	1/2	36	3/4	36	3/8	D12	D12	73	76	73
4548	1-3/8	36	B12	B12	96	93	89	1-1/2	42	1/2	36	3/4	36	3/8	D12	D11	76	75	76
4578	1-3/8	36	B12	B12	89	89	93	1-1/2	42	1/2	36	3/4	36	3/8	D12	D12	73	76	73

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

9-11-68