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

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL – TREE – SCHEDULE WALL 400	12-14-67

REVISIONS

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	SPLICE COL.1	SPLICE COL.2	SPLICE COL.3
4218	B10	50	50	50	1/2	B09	50	50	50	1/2	B08	50	50	50	1/2	103	102	103
4248	B07	50	50	50	1/2	B07	50	50	50	1/2	B07	50	50	50	1/2	102	102	102
4278	B07	50	50	50	1/2	B07	50	50	50	1/2	B07	50	50	50	1/2	102	102	102
4308	B07	50	50	50	1/2	B07	50	50	50	1/2	B07	50	50	50	1/2	102	102	102
4338	B07	50	50	50	1/2	B07	50	50	50	1/2	B07	50	50	50	1/2	102	102	102
4368	B07	50	50	50	1/2	B07	50	50	50	1/2	B07	50	50	50	1/2	102	102	102
4398	B08	50	50	50	1/2	B09	50	50	50	1/2	B10	50	50	50	1/2	103	102	103

PNL NO	LEVEL C COL.1 TYPE	FYC1	FYC2	LEVEL C COL.2 TYPE	FYC1	FYC2	LEVEL C COL.3 TYPE	FYC1	FYC2
4218	C10	50	50	C09	50	50	C09	50	50
4248	C07	50	50	C07	50	50	C07	50	50
4278	C07	50	50	C07	50	50	C07	50	50
4308	C07	50	50	C07	50	50	C07	50	50
4338	C07	50	50	C07	50	50	C07	50	50
4368	C07	50	50	C07	50	50	C07	50	50
4398	C09	50	50	C09	50	50	C10	50	50

PNL NO	LEVEL D COLUMN 1 TYPE	FYD1	FYD2	FYD5	FYD6	WELD 2	LEVEL D COLUMN 2 TYPE	FYD1	FYD2	FYD5	WELD 2	LEVEL D COLUMN 3 TYPE	FYD1	FYD2	FYD5	FYD6	WELD 2
4218	D05	50	50	36	36	3/8	D05	50	50	36	3/8	D05	50	50	36	36	3/8
4248	D05	50	50	36	36	3/8	D05	50	50	36	3/8	D05	50	50	36	36	3/8
4278	D05	50	50	36	36	3/8	D05	50	50	36	3/8	D05	50	50	36	36	3/8
4308	D05	50	50	36	36	3/8	D05	50	50	36	3/8	D05	50	50	36	36	3/8
4338	D05	50	50	36	36	3/8	D05	50	50	36	3/8	D05	50	50	36	36	3/8
4368	D05	50	50	36	36	3/8	D05	50	50	36	3/8	D05	50	50	36	36	3/8
4398	D05	50	50	36	36	3/8	D05	50	50	36	3/8	D05	50	50	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	LUS
4218	E10	45	45	36	36	45	45	42	36	3/8	3/8	3/8	F10	45	45	702
4248	E08	50	50	45	45	50	50	42	42	3/8	3/8	3/8	F06	50	50	703
4278	E08	60	60	45	45	60	60	45	42	3/8	3/8	3/8	F15	45	45	704
4308	E08	60	60	45	45	60	60	45	42	3/8	3/8	3/8	F15	45	45	705
4338	E08	50	50	45	45	50	50	42	42	3/8	3/8	3/8	F08	50	50	706
4368	E08	50	50	45	45	50	50	42	42	3/8	3/8	3/8	F09	50	50	707
4398	E10	55	55	45	45	55	55	45	42	3/8	3/8	3/8	F10	50	50	708

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
4218	1-3/8	36	B12	B12	98	92	98	1-1/2	42	1/2	36	7/8	36	3/8	D13	D13	76	72A	76
4248	1-3/8	36	B12	B12	92	97	92	1-1/2	42	1/2	36	7/8	36	3/8	D13	D13	72A	76	72A
4278	1-3/8	36	B12	B12	97	92	98	1-1/2	42	1/2	36	7/8	36	3/8	D13	D14	76	72A	76
4308	1-3/8	36	B12	B12	98	98	92	1-1/2	42	1/2	36	7/8	36	3/8	D14	D12	72A	76	72A
4338	1-3/8	36	B12	B12	98	92	97	1-1/2	42	1/2	36	7/8	36	3/8	D12	D13	76	72A	76
4368	1-3/8	36	B12	B13	92	97	92	1-1/2	42	1/2	36	7/8	36	3/8	D13	D13	76	76	72A
4398	1-3/8	36	B13	B13	98	92	98	1-1/2	42	1/2	36	7/8	36	3/8	D13	D13	76	76	76

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