WTCI-14-LERA

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: DRAWING BOOK 4 GENERAL NOTES | DATE: 6- 5-67

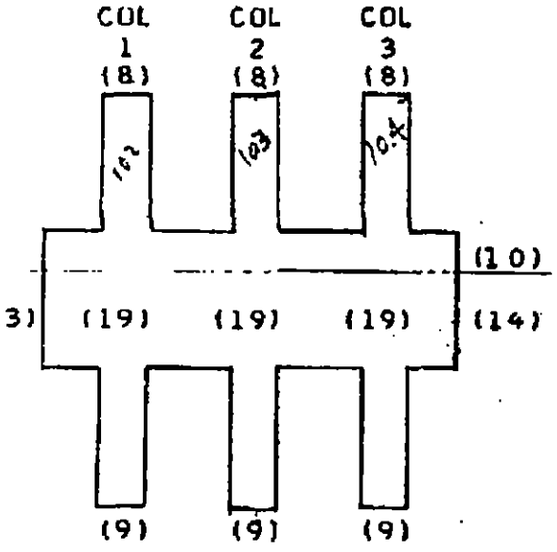
REVISIONS
12-5-67
6-3-68
1-3-69
2-3-69
3-3-69
4-1-69
Printed 5-1-69

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(5)	(6)	(7)	(8)	(9)	(5)	(6)	(7)	(8)	(9)

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
(1)	(2)	(3)	(10)	(11)	(12)	(13)	(14)	(15) (16)	(17)	(18)	(19)	(19)	(19)

NOTES — REF DWGS 4-AB2-

(1) COLUMN NUMBER FOR CENTER COLUMN OF PANEL
(2) NUMBER OF STORY CONTAINING UPPER SPLICE
(3) NUMBER OF STORY CONTAINING LOWER SPLICE
(4) PANEL TYPE — 2 TO 7
(5) COLUMN TYPE — 8 TO 10
(6) REQUIRED YIELD STRENGTH FOR PLATE NO.1(KSI)
(7) REQUIRED YIELD STRENGTH FOR PLATES NO.2 AND NO.3 (KSI)
(8) COLUMN SPLICE UPPER (DETAIL NUMBER) — 12 TO 16
(9) COLUMN SPLICE LOWER (DETAIL NUMBER) — 12 TO 16
(10) FLOOR LEVEL OF SPANDREL
(11) THICKNESS OF SPANDREL PLATE NO.4 (INCHES)
(12) REQUIRED YIELD STRENGTH FOR PLATE NO.4(KSI)
(13) SPANDREL CONNECTION LEFT (DETAIL NUMBER) — 26 TO 30
(14) SPANDREL CONNECTION RIGHT (DETAIL NUMBER) — 26 TO 30
(15) SIZE OF WELD NO. 5 — 11,18 TO 24
(16) LENGTH OF WELD NO. 5 — 11,18 TO 24
(17) SIZE OF WELD NO. 6 — 11,18 TO 24
(18) SIZE OF WELD NO. 7 — 11,18 TO 24
(19) SEAT DETAIL NUMBER — 31 TO 36
(20) PANELS ARE VIEWED FROM INSIDE OF BUILDING LOOKING OUT



Rev. No 1. 7-10-67
No 2. 12-5-67

Panel Schedules
Tower A
A1-2 – A1-299

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

4-AB1-

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A	10	9	100	144	60	60	692	102	147	50	50	682	102	150	50	50	683	103
112A	10	9	100	162	42	42	683	103	162	42	42	683	103	162	42	42	683	103
121A	10	9	100	162	42	42	683	103	162	42	42	683	103	162	42	42	683	103
130A	10	9	100	163	42	42	493	103	164	42	42	493	103	164	42	42	493	103
139A	10	9	100	164	42	42	683	103	164	42	42	683	103	164	42	42	683	103
148A	10	9	100	162	42	42	693	103	162	42	42	693	103	162	45	45	693	103
157A	10	9	100	150	50	50	693	103	147	55	55	692	102	144	60	60	692	102

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A	10	9	10	1- 3/8	45	133	124	1 X16	1/2	3/8	5110	1311	5210
112A	10	9	10	1- 3/8	36	124	124	13/16X16	1/2	0	1511	5210	1411
121A	10	9	10	1- 3/8	36	124	124	3/4 X16	1/2	0	5210	1411	5210
130A	10	9	10	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5210	1411
139A	10	9	10	1- 3/8	36	124	125	7/8 X16	1/2	0	5210	1411	5210
148A	10	9	10	1- 3/8	36	125	125	15/16X16	1/2	0	1411	5210	1511
157A	10	9	10	1- 3/8	50	125	133	1- 1/16X16	1/2	3/8	5210	1311	5110

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

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A	10	9	100	137	75	75	692	102	138	65	65	682	102	138	65	65	682	102
212A	10	9	100	139	65	65	682	102	141	60	60	682	102	141	60	60	682	102
221A	10	9	100	149	55	55	492	103	148	55	55	492	102	147	55	55	492	102
230A	10	9	100	146	55	55	492	102	146	55	55	492	102	146	55	55	492	102
239A	10	9	100	147	50	50	492	102	148	50	50	492	102	149	50	50	492	103
248A	10	9	100	141	50	50	492	102	141	50	50	492	102	139	55	55	682	102
257A	10	9	100	138	55	55	682	102	138	55	55	682	102	136	65	65	682	102

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	10	9	10	1- 3/8	60	133	125	1 X16	1/2	5/16	1013	5210	5010
212A	10	9	10	1- 3/8	45	124	124	13/16X16	7/16	0	5210	5010	5210
221A	10	9	10	1- 3/8	36	124	124	9/16X16	3/8	0	5210	1111	5210
230A	10	9	10	1- 3/8	36	123	123	3/8 X16	3/8	0	1111	5210	1111
239A	10	9	10	1- 3/8	36	123	124	1/2 X16	3/8	0	5210	1111	5210
248A	10	9	10	1- 3/8	36	124	124	11/16X16	3/8	0	5210	5010	5210
257A	10	9	10	1- 3/8	50	124	132	7/8 X16	7/16	0	5010	5210	1013

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PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A 10 9	100	144	55	55	682	102	147	50	50	682	102	150	46	46	683	103
312A 10 9	100	162	42	42	683	103	162	42	42	683	103	162	42	42	683	103
321A 10 9	100	162	45	45	493	103	162	45	45	493	103	162	45	45	493	103
330A 10 9	100	163	45	45	493	103	164	45	45	493	103	164	45	45	493	103
339A 10 9	100	164	45	45	683	103	164	45	45	683	103	164	45	45	683	103
348A 10 9	100	162	45	45	683	103	162	45	45	683	103	162	45	45	693	103
357A 10 9	100	150	50	50	683	103	147	50	50	682	102	144	60	60	692	102

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 10 9	10	1- 3/8	42	132	124	15/16X16	1/2	3/8	5110	1311	5210
312A 10 9	10	1- 3/8	36	124	124	3/4 X16	1/2	0	1511	5210	1411
321A 10 9	10	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
330A 10 9	10	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5210	1411
339A 10 9	10	1- 3/8	36	124	124	7/8 X16	1/2	0	5210	1411	5210
348A 10 9	10	1- 3/8	36	125	125	15/16X16	1/2	0	1411	5210	1511
357A 10 9	10	1- 3/8	45	125	133	1- 1/16X16	1/2	3/8	5210	1311	5110

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403A 10 9	100	137	70	70	692	102	138	60	60	682	102	138	60	60	682	102
412A 10 9	100	139	55	55	682	102	141	50	50	682	102	141	50	50	682	102
421A 10 9	100	149	50	50	492	103	148	50	50	492	102	147	50	50	492	102
430A 10 9	100	146	50	50	492	102	146	50	50	492	102	146	55	55	492	102
439A 10 9	100	147	55	55	492	102	148	55	55	492	102	149	50	50	492	103
448A 10 9	100	141	60	60	682	102	141	60	60	682	102	139	60	60	682	102
457A 10 9	100	137	60	60	682	102	137	60	60	682	102	136	70	70	692	102

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A 10 9	10	1- 3/8	55	133	125	1 X16	1/2	5/16	1013	5210	5010
412A 10 9	10	1- 3/8	36	124	124	13/16X16	7/16	0	5210	5010	5210
421A 10 9	10	1- 3/8	36	124	124	9/16X16	3/8	0	5210	1111	5210
430A 10 9	10	1- 3/8	36	123	123	7/16X16	3/8	0	1111	5210	1111
439A 10 9	10	1- 3/8	36	123	124	9/16X16	3/8	0	5210	1111	5210
448A 10 9	10	1- 3/8	42	124	124	3/4 X16	7/16	0	5210	5010	5210
457A 10 9	10	1- 3/8	55	124	133	15/16X16	7/16	0	5010	5210	1013

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4-A1- 5

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200A 10 9	110	152	65	65	693	103	552	70	70	0	123	147	70	70	692	102
400A 10 9	110	152	60	60	693	103	552	60	60	0	123	147	60	60	692	102

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 10 9	10	1- 3/8	50	133	133	1- 3/16X16	5/8	3/8	1313	5010	5610
400A 10 9	10	1- 3/8	50	133	133	1- 3/16X16	5/8	3/8	1313	5010	5610

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PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
109A 11 9	200	159	45	45	683	103	160	42	42	683	103	162	42	42	683	103
118A 11 9	200	162	42	42	683	103	162	42	42	683	103	162	42	42	683	103
127A 11 9	200	162	42	42	493	103	162	42	42	493	103	163	42	42	493	103
133A 11 9	200	164	42	42	493	103	164	42	42	493	103	164	42	42	683	103
142A 11 9	200	163	42	42	683	103	163	42	42	683	103	162	42	42	683	103
151A 11 9	200	162	45	45	693	103	160	45	45	693	103	159	46	46	693	103

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A 11 9	11	1- 3/8	36	124	124	3/4 X16	1/2	0	5210	1411	5210
118A 11 9	11	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5210	1411
127A 11 9	11	1- 3/8	36	124	124	11/16X16	1/2	0	5110	1411	5210
133A 11 9	11	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5110
142A 11 9	11	1- 3/8	36	124	125	7/8 X16	1/2	0	1411	5210	1411
151A 11 9	11	1- 3/8	36	125	125	7/8 X16	1/2	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A 11 9	10	1- 3/8	36	124	124	13/16X16	1/2	0	5210	1411	5210
118A 11 9	10	1- 3/8	36	124	124	3/4 X16	1/2	0	1411	5210	1411
127A 11 9	10	1- 3/8	36	124	124	11/16X16	1/2	0	5110	1411	5210
133A 11 9	10	1- 3/8	36	124	124	3/4 X16	1/2	0	5210	1411	5110
142A 11 9	10	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5210	1411
151A 11 9	10	1- 3/8	36	125	125	15/16X16	1/2	0	5210	1411	5210

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

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
209A 11 9	200	138	65	65	682	102	138	65	65	682	102	139	65	65	682	102
218A 11 9	200	149	55	55	682	103	149	55	55	492	103	149	55	55	492	103
227A 11 9	200	146	55	55	492	102	146	55	55	492	102	146	55	55	492	102
233A 11 9	200	146	55	55	492	102	146	55	55	492	102	146	55	55	492	102
242A 11 9	200	149	50	50	492	103	149	50	50	492	103	149	46	46	492	103
251A 11 9	200	139	55	55	682	102	138	55	55	682	102	138	55	55	682	102

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PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 11 9	11	1- 3/8	45	124	124	13/16X16	7/16	0	5010	5210	1212
218A 11 9	11	1- 3/8	42	124	124	5/8 X16	7/16	0	1611	5210	1111
227A 11 9	11	1- 3/8	36	123	123	7/16X16	3/8	0	5110	1111	5210
233A 11 9	11	1- 3/8	36	123	123	3/8 X16	3/8	0	5210	1111	5110
242A 11 9	11	1- 3/8	36	123	124	9/16X16	3/8	0	1111	5210	1611
251A 11 9	11	1- 3/8	42	124	124	11/16X16	3/8	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 11 9	10	1- 3/8	45	125	124	13/16X16	7/16	0	5010	5210	1212
218A 11 9	10	1- 3/8	42	124	124	11/16X16	7/16	0	1611	5210	1111
227A 11 9	10	1- 3/8	42	123	123	1/2 X16	3/8	0	5110	1111	5210
233A 11 9	10	1- 3/8	36	123	123	7/16X16	3/8	0	5210	1111	5110
242A 11 9	10	1- 3/8	36	124	124	9/16X16	3/8	0	1111	5210	1611
251A 11 9	10	1- 3/8	42	124	124	3/4 X16	3/8	0	1212	5210	5010

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

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309A	11	9	200	159	45	45	683	103	160	42	42	683	103	162	42	42	683	103
318A	11	9	200	162	45	45	493	103	162	45	45	493	103	162	45	45	493	103
327A	11	9	200	162	45	45	493	103	162	45	45	493	103	163	45	45	493	103
333A	11	9	200	164	45	45	493	103	164	45	45	493	103	164	45	45	683	103
342A	11	9	200	163	45	45	683	103	163	45	45	683	103	162	45	45	683	103
351A	11	9	200	162	45	45	693	103	160	45	45	693	103	159	45	45	693	103

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A	11	9	11	1- 3/8	36	124	124	3/4 X16	1/2	0	5210	1411	5210
318A	11	9	11	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5210	1411
327A	11	9	11	1- 3/8	36	124	124	5/8 X16	1/2	0	5110	1411	5210
333A	11	9	11	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5110
342A	11	9	11	1- 3/8	36	124	125	7/8 X16	1/2	0	1411	5210	1411
351A	11	9	11	1- 3/8	36	125	125	7/8 X16	1/2	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A	11	9	10	1- 3/8	36	124	124	3/4 X16	1/2	0	5210	1411	5210
318A	11	9	10	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5210	1411
327A	11	9	10	1- 3/8	36	124	124	11/16X16	1/2	0	5110	1411	5210
333A	11	9	10	1- 3/8	36	124	124	3/4 X16	1/2	0	5210	1411	5110
342A	11	9	10	1- 3/8	36	124	125	7/8 X16	1/2	0	1411	5210	1411
351A	11	9	10	1- 3/8	36	125	125	15/16X16	1/2	0	5210	1411	5210

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
409A 11 9	200	138	55	55	682	102	138	55	55	682	102	139	55	55	682	102
418A 11 9	200	149	46	46	682	103	149	46	46	492	103	149	50	50	492	103
427A 11 9	200	146	50	50	492	102	146	50	50	492	102	146	50	50	492	102
433A 11 9	200	146	55	55	492	102	146	55	55	492	102	146	55	55	492	102
442A 11 9	200	149	55	55	492	103	149	55	55	492	103	149	55	55	492	103
451A 11 9	200	139	65	65	682	102	138	65	65	682	102	138	65	65	682	102

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A 11 9	11	1- 3/8	42	124	124	13/16X16	7/16	0	5010	5210	1212
418A 11 9	11	1- 3/8	36	124	124	5/8 X16	7/16	0	1611	5210	1111
427A 11 9	11	1- 3/8	36	123	123	7/16X16	3/8	0	5110	1111	5210
433A 11 9	11	1- 3/8	36	123	123	7/16X16	3/8	0	5210	1111	5110
442A 11 9	11	1- 3/8	36	124	124	9/16X16	3/8	0	1111	5210	1611
451A 11 9	11	1- 3/8	42	124	124	3/4 X16	7/16	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A 11 9	10	1- 3/8	42	124	124	13/16X16	7/16	0	5010	5210	1212
418A 11 9	10	1- 3/8	36	124	124	11/16X16	7/16	0	1611	5210	1111
427A 11 9	10	1- 3/8	36	123	123	7/16X16	3/8	0	5110	1111	5210
433A 11 9	10	1- 3/8	36	123	123	1/2 X16	3/8	0	5210	1111	5110
442A 11 9	10	1- 3/8	36	124	124	5/8 X16	7/16	0	1111	5210	1611
451A 11 9	10	1- 3/8	42	124	124	3/4 X16	7/16	0	1212	5210	5010

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100A 11 9	210	147	65	65	692	102	552	65	65	0	0	152	60	60	693	103
300A 11 9	210	147	60	60	692	102	552	60	60	0	0	152	60	60	693	103

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 11 9	11	1- 3/8	50	132	132	1 X16	9/16	0	5410	5010	1313
300A 11 9	11	1- 3/8	50	132	132	15/16X16	9/16	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 11 9	10	1- 3/8	50	133	133	1- 1/16X16	9/16	0	5410	5010	1313
300A 11 9	10	1- 3/8	50	132	132	1 X16	9/16	0	5410	5010	1313

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

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106A	12	9	300	153	45	45	683	103	156	45	45	683	103	157	45	45	683	103
115A	12	9	300	162	42	42	683	103	162	42	42	683	103	162	42	42	683	103
124A	12	9	300	162	42	42	493	103	162	42	42	493	103	162	42	42	493	103
136A	12	9	300	164	42	42	683	103	164	42	42	683	103	164	42	42	683	103
145A	12	9	300	162	42	42	683	103	162	42	42	683	103	162	42	42	683	103
154A	12	9	300	157	46	46	693	103	156	50	50	693	103	153	50	50	693	103

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	12	9	12	1- 3/8	36	124	124	3/4 X16	1/2	0	1311	5110	1411
115A	12	9	12	1- 3/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
124A	12	9	12	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
136A	12	9	12	1- 3/8	36	124	124	3/4 X16	1/2	0	1411	5110	1411
145A	12	9	12	1- 3/8	36	125	125	7/8 X16	1/2	0	5110	1411	5110
154A	12	9	12	1- 3/8	36	125	125	13/16X16	1/2	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	12	9	11	1- 3/8	36	124	124	3/4 X16	1/2	0	1311	5110	1411
115A	12	9	11	1- 3/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
124A	12	9	11	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
136A	12	9	11	1- 3/8	36	124	124	3/4 X16	1/2	0	1411	5110	1411
145A	12	9	11	1- 3/8	36	125	125	7/8 X16	1/2	0	5110	1411	5110
154A	12	9	11	1- 3/8	36	125	125	13/16X16	1/2	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	12	9	10	1- 3/8	36	124	124	13/16X16	1/2	0	1311	5110	1411
115A	12	9	10	1- 3/8	36	124	124	13/16X16	1/2	0	5110	1411	5110
124A	12	9	10	1- 3/8	36	124	124	3/4 X16	1/2	0	1411	5110	1411
136A	12	9	10	1- 3/8	36	124	124	13/16X16	1/2	0	1411	5110	1411
145A	12	9	10	1- 3/8	36	125	125	15/16X16	1/2	0	5110	1411	5110
154A	12	9	10	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5110	1311

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206A	12	9	300	138	65	65	682	102	138	65	65	682	102	138	65	65	682	102
215A	12	9	300	144	60	60	682	102	146	60	60	682	102	147	55	55	682	102
224A	12	9	300	146	55	55	492	102	146	55	55	492	102	146	55	55	492	102
236A	12	9	300	146	55	55	492	102	146	50	50	492	102	146	50	50	492	102
245A	12	9	300	147	46	46	492	102	146	46	46	492	102	144	50	50	492	102
254A	12	9	300	138	55	55	682	102	138	55	55	682	102	138	55	55	682	102

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	12	9	12	1- 3/8	45	125	124	13/16X16	7/16	0	5110	1212	5110
215A	12	9	12	1- 3/8	42	124	124	3/4 X16	7/16	0	1212	5510	5110
224A	12	9	12	1- 3/8	42	123	123	1/2 X16	3/8	0	1111	5110	1111
236A	12	9	12	1- 3/8	36	123	123	7/16X16	3/8	0	1111	5110	1111
245A	12	9	12	1- 3/8	36	124	124	11/16X16	3/8	0	5110	5310	1212
254A	12	9	12	1- 3/8	42	124	124	11/16X16	3/8	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	12	9	11	1- 3/8	45	125	124	13/16X16	7/16	0	5110	1212	5110
215A	12	9	11	1- 3/8	42	124	124	3/4 X16	7/16	0	1212	5510	5110
224A	12	9	11	1- 3/8	42	123	123	1/2 X16	3/8	0	1111	5110	1111
236A	12	9	11	1- 3/8	36	123	123	7/16X16	3/8	0	1111	5110	1111
245A	12	9	11	1- 3/8	36	124	124	11/16X16	3/8	0	5110	5310	1212
254A	12	9	11	1- 3/8	42	124	124	11/16X16	3/8	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	12	9	10	1- 3/8	45	125	125	7/8 X16	7/16	0	5110	1212	5110
215A	12	9	10	1- 3/8	42	124	124	13/16X16	7/16	0	1212	5510	5110
224A	12	9	10	1- 3/8	42	124	123	1/2 X16	3/8	0	1111	5110	1111
236A	12	9	10	1- 3/8	36	123	123	1/2 X16	3/8	0	1111	5110	1111
245A	12	9	10	1- 3/8	36	124	124	11/16X16	3/8	0	5110	5310	1212
254A	12	9	10	1- 3/8	42	124	124	3/4 X16	3/8	0	5110	1212	5110

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER' | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
306A	12	9	300	153	45	45	683	103	156	45	45	683	103	157	45	45	683	103
315A	12	9	300	162	45	45	683	103	162	45	45	683	103	162	45	45	683	103
324A	12	9	300	162	45	45	493	103	162	45	45	493	103	162	45	45	493	103
336A	12	9	300	164	45	45	683	103	164	45	45	683	103	164	45	45	683	103
345A	12	9	300	162	46	46	683	103	162	46	46	683	103	162	45	45	683	103
354A	12	9	300	157	45	45	693	103	156	46	46	683	103	153	46	46	683	103

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	12	9	12	1- 3/8	36	124	124	11/16X16	1/2	0	1311	5110	1411
315A	12	9	12	1- 3/8	36	124	124	11/16X16	1/2	0	5110	1411	5110
324A	12	9	12	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5110	1411
336A	12	9	12	1- 3/8	36	124	124	3/4 X16	1/2	0	1411	5110	1411
345A	12	9	12	1- 3/8	36	125	125	7/8 X16	1/2	0	5110	1411	5110
354A	12	9	12	1- 3/8	36	125	125	13/16X16	1/2	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	12	9	11	1- 3/8	36	124	124	11/16X16	1/2	0	1311	5110	1411
315A	12	9	11	1- 3/8	36	124	124	11/16X16	1/2	0	5110	1411	5110
324A	12	9	11	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5110	1411
336A	12	9	11	1- 3/8	36	124	124	3/4 X16	1/2	0	1411	5110	1411
345A	12	9	11	1- 3/8	36	125	125	7/8 X16	1/2	0	5110	1411	5110
354A	12	9	11	1- 3/8	36	125	125	13/16X16	1/2	0	1411	5110	1311

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	12	9	10	1- 3/8	36	124	124	3/4 X16	1/2	0	1311	5110	1411
315A	12	9	10	1- 3/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
324A	12	9	10	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
336A	12	9	10	1- 3/8	36	124	124	13/16X16	1/2	0	1411	5110	1411
345A	12	9	10	1- 3/8	36	125	125	15/16X16	1/2	0	5110	1411	5110
354A	12	9	10	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5110	1311

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406A	12	9	300	138	60	60	682	102	138	60	60	682	102	138	55	55	682	102
415A	12	9	300	144	50	50	682	102	146	46	46	682	102	147	46	46	682	102
424A	12	9	300	146	50	50	492	102	146	50	50	492	102	146	50	50	492	102
436A	12	9	300	146	55	55	492	102	146	55	55	492	102	146	55	55	492	102
445A	12	9	300	147	55	55	492	102	146	55	55	492	102	144	55	55	682	102
454A	12	9	300	138	60	60	682	102	138	60	60	682	102	138	60	60	682	102

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	12	9	12	1- 3/8	42	124	124	13/16X16	7/16	0	5110	1212	5110
415A	12	9	12	1- 3/8	36	124	124	3/4 X16	7/16	0	1212	5510	5110
424A	12	9	12	1- 3/8	36	123	123	1/2 X16	3/8	0	1111	5110	1111
436A	12	9	12	1- 3/8	36	123	123	1/2 X16	3/8	0	1111	5110	1111
445A	12	9	12	1- 3/8	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A	12	9	12	1- 3/8	42	124	124	3/4 X16	7/16	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	12	9	11	1- 3/8	42	124	124	13/16X16	7/16	0	5110	1212	5110
415A	12	9	11	1- 3/8	36	124	124	3/4 X16	7/16	0	1212	5510	5110
424A	12	9	11	1- 3/8	36	123	123	1/2 X16	3/8	0	1111	5110	1111
436A	12	9	11	1- 3/8	36	123	123	1/2 X16	3/8	0	1111	5110	1111
445A	12	9	11	1- 3/8	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A	12	9	11	1- 3/8	42	124	124	3/4 X16	7/16	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	12	9	10	1- 3/8	42	125	124	7/8 X16	7/16	0	5110	1212	5110
415A	12	9	10	1- 3/8	36	124	124	13/16X16	7/16	0	1212	5510	5110
424A	12	9	10	1- 3/8	36	124	123	1/2 X16	3/8	0	1111	5110	1111
436A	12	9	10	1- 3/8	36	123	123	1/2 X16	3/8	0	1111	5110	1111
445A	12	9	10	1- 3/8	42	124	124	3/4 X16	7/16	0	5110	5310	1212
454A	12	9	10	1- 3/8	42	124	124	13/16X16	7/16	0	5110	1212	5110

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200A 12 10	210	151	65	65	693	693	551	70	70	0	0	146	70	70	692	692
400A 12 10	210	151	60	60	693	693	551	60	60	0	0	146	60	60	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 12 10	12	1- 3/8	50	133	133	1- 1/8 X16	5/8	3/8	1313	5010	5610
400A 12 10	12	1- 3/8	50	133	133	1- 1/8 X16	9/16	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 12 10	11	1- 3/8	50	133	133	1- 1/8 X16	5/8	3/8	1313	5010	5610
400A 12 10	11	1- 3/8	50	133	133	1- 1/8 X16	9/16	0	1313	5010	5610

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

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
103A	13	10	300	144	60	60	692	692	147	50	50	682	682	150	50	50	683	683
112A	13	10	300	162	42	42	683	683	162	42	42	683	683	162	42	42	683	683
121A	13	10	300	162	42	42	683	683	162	42	42	683	683	162	42	42	683	683
130A	13	10	300	163	42	42	493	493	163	42	42	493	493	164	42	42	493	493
139A	13	10	300	164	42	42	683	683	164	42	42	683	683	163	42	42	683	683
148A	13	10	300	162	45	45	693	693	162	45	45	693	693	162	45	45	693	693
157A	13	10	300	150	50	50	693	693	147	55	55	692	692	144	60	60	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A	13	10	13	1- 3/8	45	132	124	15/16X16	1/2	3/8	5110	1311	5210
112A	13	10	13	1- 3/8	36	124	124	3/4 X16	1/2	0	1511	5210	1411
121A	13	10	13	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
130A	13	10	13	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5210	1411
139A	13	10	13	1- 3/8	36	124	124	13/16X16	1/2	0	5210	1411	5210
148A	13	10	13	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5210	1511
157A	13	10	13	1- 3/8	46	125	133	1 X16	1/2	3/8	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A	13	10	12	1- 3/8	45	132	124	15/16X16	1/2	3/8	5110	1311	5210
112A	13	10	12	1- 3/8	36	124	124	3/4 X16	1/2	0	1511	5210	1411
121A	13	10	12	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
130A	13	10	12	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5210	1411
139A	13	10	12	1- 3/8	36	124	124	13/16X16	1/2	0	5210	1411	5210
148A	13	10	12	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5210	1511
157A	13	10	12	1- 3/8	50	125	133	1 X16	1/2	3/8	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A	13	10	11	1- 3/8	45	132	124	15/16X16	1/2	3/8	5110	1311	5210
112A	13	10	11	1- 3/8	36	124	124	3/4 X16	1/2	0	1511	5210	1411
121A	13	10	11	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
130A	13	10	11	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5210	1411
139A	13	10	11	1- 3/8	36	124	124	13/16X16	1/2	0	5210	1411	5210
148A	13	10	11	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5210	1511
157A	13	10	11	1- 3/8	50	125	133	1 X16	1/2	3/8	5210	1311	5110

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

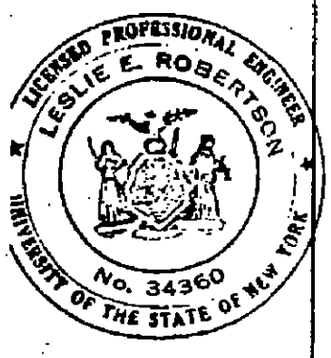
WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A	13	10	300	137	75	75	692	692	137	70	70	682	682	138	70	70	682	682
212A	13	10	300	138	65	65	682	682	140	65	65	682	682	141	60	60	682	682
221A	13	10	300	148	55	55	492	492	147	55	55	492	492	147	55	55	492	492
230A	13	10	300	146	55	55	492	492	146	55	55	492	492	146	55	55	492	492
239A	13	10	300	147	50	50	492	492	147	50	50	492	492	148	50	50	492	492
248A	13	10	300	141	50	50	492	682	140	55	55	492	682	138	55	55	682	682
257A	13	10	300	138	60	60	682	682	137	60	60	682	682	137	65	65	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	13	10	13	1- 3/8	60	133	125	15/16X16	1/2	5/16	1013	5210	5010
212A	13	10	13	1- 3/8	45	124	124	3/4 X16	7/16	0	5210	5010	5210
221A	13	10	13	1- 3/8	42	124	123	9/16X16	3/8	0	5210	1111	5210
230A	13	10	13	1- 3/8	36	123	123	3/8 X15	3/8	0	1111	5210	1111
239A	13	10	13	1- 3/8	36	123	123	1/2 X16	3/8	0	5210	1111	5210
248A	13	10	13	1- 3/8	36	124	124	11/16X16	3/8	0	5210	5010	5210
257A	13	10	13	1- 3/8	55	124	132	13/16X16	7/16	0	5010	5210	1013



PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	13	10	12	1- 3/8	60	133	125	15/16X16	1/2	5/16	1013	5210	5010
212A	13	10	12	1- 3/8	45	124	124	3/4 X16	7/16	0	5210	5010	5210
221A	13	10	12	1- 3/8	42	124	123	9/16X16	3/8	0	5210	1111	5210
230A	13	10	12	1- 3/8	36	123	123	3/8 X15	3/8	0	1111	5210	1111
239A	13	10	12	1- 3/8	36	123	123	1/2 X16	3/8	0	5210	1111	5210
248A	13	10	12	1- 3/8	42	124	124	11/16X16	3/8	0	5210	5010	5210
257A	13	10	12	1- 3/8	50	124	132	13/16X16	7/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	13	10	11	1- 3/8	60	133	125	15/16X16	1/2	5/16	1013	5210	5010
212A	13	10	11	1- 3/8	45	124	124	3/4 X16	7/16	0	5210	5010	5210
221A	13	10	11	1- 3/8	42	124	123	9/16X16	3/8	0	5210	1111	5210
230A	13	10	11	1- 3/8	36	123	123	3/8 X15	3/8	0	1111	5210	1111
239A	13	10	11	1- 3/8	36	123	123	1/2 X16	3/8	0	5210	1111	5210
248A	13	10	11	1- 3/8	42	124	124	11/16X16	3/8	0	5210	5010	5210
257A	13	10	11	1- 3/8	50	124	132	13/16X16	7/16	0	5010	5210	1013

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
303A	13	10	300	144	55	55	682	682	147	50	50	682	682	150	46	46	683	683
312A	13	10	300	162	42	42	683	683	162	45	45	683	683	162	45	45	683	683
321A	13	10	300	162	45	45	493	683	162	45	45	493	683	162	45	45	493	683
330A	13	10	300	163	45	45	493	493	163	45	45	493	493	164	46	46	493	493
339A	13	10	300	164	46	46	683	683	164	46	46	683	683	163	45	45	683	683
348A	13	10	300	162	45	45	683	683	162	45	45	683	683	162	45	45	693	693
357A	13	10	300	150	50	50	683	693	147	50	50	682	692	144	60	60	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A	13	10	13	1- 3/8	42	132	124	7/8 X16	7/16	0	5110	1311	5210
312A	13	10	13	1- 3/8	36	124	124	11/16X16	1/2	0	1511	5210	1411
321A	13	10	13	1- 3/8	36	124	124	5/8 X16	1/2	0	5210	1411	5210
330A	13	10	13	1- 3/8	36	123	124	5/8 X16	1/2	0	1411	5210	1411
339A	13	10	13	1- 3/8	36	124	124	13/16X16	1/2	0	5210	1411	5210
348A	13	10	13	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5210	1511
357A	13	10	13	1- 3/8	45	125	133	1 X16	1/2	3/8	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A	13	10	12	1- 3/8	42	132	124	7/8 X16	7/16	0	5110	1311	5210
312A	13	10	12	1- 3/8	36	124	124	3/4 X16	1/2	0	1511	5210	1411
321A	13	10	12	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
330A	13	10	12	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5210	1411
339A	13	10	12	1- 3/8	36	124	124	13/16X16	1/2	0	5210	1411	5210
348A	13	10	12	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5210	1511
357A	13	10	12	1- 3/8	45	125	133	1 X16	1/2	3/8	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A	13	10	11	1- 3/8	42	132	124	7/8 X16	7/16	0	5110	1311	5210
312A	13	10	11	1- 3/8	36	124	124	3/4 X16	1/2	0	1511	5210	1411
321A	13	10	11	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
330A	13	10	11	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5210	1411
339A	13	10	11	1- 3/8	36	124	124	13/16X16	1/2	0	5210	1411	5210
348A	13	10	11	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5210	1511
357A	13	10	11	1- 3/8	45	125	133	1 X16	1/2	3/8	5210	1311	5110

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

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
403A	13	10	300	137	70	70	692	692	137	60	60	682	682	138	60	60	682	682
412A	13	10	300	138	55	55	682	682	140	55	55	682	682	141	50	50	682	682
421A	13	10	300	148	50	50	492	492	147	50	50	492	492	147	50	50	492	492
430A	13	10	300	146	55	55	492	492	146	55	55	492	492	146	55	55	492	492
439A	13	10	300	147	55	55	492	492	147	55	55	492	492	148	55	55	492	492
448A	13	10	300	141	60	60	682	682	140	60	60	682	682	138	65	65	682	682
457A	13	10	300	138	65	65	682	682	137	65	65	682	682	137	70	70	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	13	10	13	1- 3/8	55	133	124	15/16X16	1/2	5/16	1013	5210	5010
412A	13	10	13	1- 3/8	42	124	124	3/4 X16	7/16	0	5210	5010	5210
421A	13	10	13	1- 3/8	36	124	123	9/16X16	3/8	0	5210	1111	5210
430A	13	10	13	1- 3/8	36	123	123	3/8 X16	3/8	0	1111	5210	1111
439A	13	10	13	1- 3/8	36	123	124	1/2 X16	3/8	0	5210	1111	5210
448A	13	10	13	1- 3/8	42	124	124	11/16X16	3/8	0	5210	5010	5210
457A	13	10	13	1- 3/8	55	124	132	7/8 X16	7/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	13	10	12	1- 3/8	55	133	124	15/16X16	1/2	5/16	1013	5210	5010
412A	13	10	12	1- 3/8	42	124	124	3/4 X16	7/16	0	5210	5010	5210
421A	13	10	12	1- 3/8	36	124	123	9/16X16	3/8	0	5210	1111	5210
430A	13	10	12	1- 3/8	36	123	123	3/8 X16	3/8	0	1111	5210	1111
439A	13	10	12	1- 3/8	36	123	124	1/2 X16	3/8	0	5210	1111	5210
448A	13	10	12	1- 3/8	42	124	124	11/16X16	3/8	0	5210	5010	5210
457A	13	10	12	1- 3/8	55	124	132	7/8 X16	7/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	13	10	11	1- 3/8	55	133	124	15/16X16	1/2	5/16	1013	5210	5010
412A	13	10	11	1- 3/8	42	124	124	3/4 X16	7/16	0	5210	5010	5210
421A	13	10	11	1- 3/8	36	124	123	9/16X16	3/8	0	5210	1111	5210
430A	13	10	11	1- 3/8	36	123	123	3/8 X16	3/8	0	1111	5210	1111
439A	13	10	11	1- 3/8	36	123	124	1/2 X16	3/8	0	5210	1111	5210
448A	13	10	11	1- 3/8	42	124	124	11/16X16	3/8	0	5210	5010	5210
457A	13	10	11	1- 3/8	55	124	132	7/8 X16	7/16	0	5010	5210	1013

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100A 13 11	210	146	65	65	692	692	551	65	65	0	0	151	60	60	693	693
300A 13 11	210	146	60	60	692	692	551	60	60	0	0	151	60	60	693	693

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 13 11	13	1- 3/8	50	132	132	1 X16	9/16	0	5410	5010	1313
300A 13 11	13	1- 3/8	50	132	132	15/16X16	9/16	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 13 11	12	1- 3/8	50	132	132	1 X16	9/16	0	5410	5010	1313
300A 13 11	12	1- 3/8	50	132	132	15/16X16	9/16	0	5410	5010	1313

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

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

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REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
109A 14 11	300	158	45	45	683	683	159	42	42	683	683	161	42	42	683	683
118A 14 11	300	161	42	42	683	683	161	42	42	683	683	161	42	42	683	683
127A 14 11	300	161	45	45	493	683	162	45	45	493	493	162	45	45	493	493
133A 14 11	300	163	42	42	493	493	163	42	42	493	493	163	42	42	683	683
142A 14 11	300	162	42	42	683	683	162	42	42	683	683	162	42	42	683	683
151A 14 11	300	161	45	45	693	693	159	45	45	693	693	158	46	46	693	693

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 14 11	14	1- 3/8	36	124	124	3/4 X16	1/2	0	5210	1411	5210
118A 14 11	14	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5210	1411
127A 14 11	14	1- 3/8	36	124	124	5/8 X16	1/2	0	5110	1411	5210
133A 14 11	14	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5110
142A 14 11	14	1- 3/8	36	124	125	7/8 X16	1/2	0	1411	5210	1411
151A 14 11	14	1- 3/8	36	125	125	7/8 X16	1/2	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 14 11	13	1- 3/8	36	124	124	3/4 X16	1/2	0	5210	1411	5210
118A 14 11	13	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5210	1411
127A 14 11	13	1- 3/8	36	124	124	5/8 X16	1/2	0	5110	1411	5210
133A 14 11	13	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5110
142A 14 11	13	1- 3/8	36	124	125	7/8 X16	1/2	0	1411	5210	1411
151A 14 11	13	1- 3/8	36	125	125	7/8 X16	1/2	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 14 11	12	1- 3/8	36	124	124	3/4 X16	1/2	0	5210	1411	5210
118A 14 11	12	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5210	1411
127A 14 11	12	1- 3/8	36	124	124	5/8 X16	1/2	0	5110	1411	5210
133A 14 11	12	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5110
142A 14 11	12	1- 3/8	36	124	125	7/8 X16	1/2	0	1411	5210	1411
151A 14 11	12	1- 3/8	36	125	125	7/8 X16	1/2	0	5210	1411	5210

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
209A 14 11	300	138	65	65	682	682	138	65	65	682	682	138	65	65	682	682
218A 14 11	300	148	55	55	682	682	148	55	55	492	492	148	55	55	492	492
227A 14 11	300	145	55	55	492	492	145	55	55	492	492	145	55	55	492	492
233A 14 11	300	145	55	55	492	492	145	55	55	492	492	145	55	55	492	492
242A 14 11	300	148	50	50	492	492	148	50	50	492	492	148	46	46	492	492
251A 14 11	300	138	55	55	682	682	138	55	55	682	682	138	55	55	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 14 11	14	1- 3/8	45	124	124	13/16X16	7/16	0	5010	5210	1212
218A 14 11	14	1- 3/8	42	124	124	5/8 X16	7/16	0	1611	5210	1111
227A 14 11	14	1- 3/8	42	123	123	7/16X16	3/8	0	5110	1111	5210
233A 14 11	14	1- 3/8	36	123	123	3/8 X16	3/8	0	5210	1111	5110
242A 14 11	14	1- 3/8	36	123	124	9/16X16	3/8	0	1111	5210	1611
251A 14 11	14	1- 3/8	36	124	124	11/16X16	3/8	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 14 11	13	1- 3/8	45	124	124	13/16X16	7/16	0	5010	5210	1212
218A 14 11	13	1- 3/8	42	124	124	5/8 X16	7/16	0	1611	5210	1111
227A 14 11	13	1- 3/8	42	123	123	7/16X16	3/8	0	5110	1111	5210
233A 14 11	13	1- 3/8	36	123	123	3/8 X16	3/8	0	5210	1111	5110
242A 14 11	13	1- 3/8	36	123	124	9/16X16	3/8	0	1111	5210	1611
251A 14 11	13	1- 3/8	42	124	124	11/16X16	3/8	0	1212	5210	5010

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 14 11	12	1- 3/8	45	124	124	13/16X16	7/16	0	5010	5210	1212
218A 14 11	12	1- 3/8	42	124	124	5/8 X16	7/16	0	1611	5210	1111
227A 14 11	12	1- 3/8	42	123	123	7/16X16	3/8	0	5110	1111	5210
233A 14 11	12	1- 3/8	36	123	123	3/8 X16	3/8	0	5210	1111	5110
242A 14 11	12	1- 3/8	36	123	124	9/16X16	3/8	0	1111	5210	1611
251A 14 11	12	1- 3/8	42	124	124	11/16X16	3/8	0	1212	5210	5010

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
309A 14 11	300	158	45	45	683	683	159	45	45	683	683	161	42	42	683	683
318A 14 11	300	161	45	45	493	683	161	45	45	493	683	161	45	45	493	683
327A 14 11	300	161	46	46	493	493	162	46	46	493	493	162	46	46	493	493
333A 14 11	300	163	46	46	493	493	163	46	46	493	493	163	46	46	683	683
342A 14 11	300	162	46	46	683	683	162	46	46	683	683	162	46	46	683	683
351A 14 11	300	161	45	45	693	693	159	45	45	693	693	158	46	46	693	693

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A 14 11	14	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
318A 14 11	14	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5210	1411
327A 14 11	14	1- 3/8	36	124	123	5/8 X16	1/2	0	5110	1411	5210
333A 14 11	14	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5110
342A 14 11	14	1- 3/8	36	124	124	13/16X16	1/2	0	1411	5210	1411
351A 14 11	14	1- 3/8	36	125	125	7/8 X16	1/2	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A 14 11	13	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
318A 14 11	13	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5210	1411
327A 14 11	13	1- 3/8	36	124	123	5/8 X16	1/2	0	5110	1411	5210
333A 14 11	13	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5110
342A 14 11	13	1- 3/8	36	124	125	13/16X16	1/2	0	1411	5210	1411
351A 14 11	13	1- 3/8	36	125	125	7/8 X16	1/2	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A 14 11	12	1- 3/8	36	124	124	3/4 X16	1/2	0	5210	1411	5210
318A 14 11	12	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5210	1411
327A 14 11	12	1- 3/8	36	124	124	5/8 X16	1/2	0	5110	1411	5210
333A 14 11	12	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5110
342A 14 11	12	1- 3/8	36	124	125	13/16X16	1/2	0	1411	5210	1411
351A 14 11	12	1- 3/8	36	125	125	7/8 X16	1/2	0	5210	1411	5210

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
409A	14	11	300	138	55	55	682	682	138	55	55	682	682	138	55	55	682	682
418A	14	11	300	148	46	46	682	682	148	50	50	492	492	148	50	50	492	492
427A	14	11	300	145	50	50	492	492	145	50	50	492	492	145	50	50	492	492
433A	14	11	300	145	55	55	492	492	145	55	55	492	492	145	55	55	492	492
442A	14	11	300	148	55	55	492	492	148	55	55	492	492	148	55	55	492	492
451A	14	11	300	138	60	60	682	682	138	60	60	682	682	138	60	60	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409A	14	11	14	1- 3/8	42	124	124	3/4 X16	7/16	0	5010	5210	1212
418A	14	11	14	1- 3/8	36	124	124	5/8 X16	7/16	0	1611	5210	1111
427A	14	11	14	1- 3/8	36	123	123	7/16X16	3/8	0	5110	1111	5210
433A	14	11	14	1- 3/8	36	123	123	7/16X16	3/8	0	5210	1111	5110
442A	14	11	14	1- 3/8	36	124	124	9/16X16	3/8	0	1111	5210	1611
451A	14	11	14	1- 3/8	42	124	124	3/4 X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409A	14	11	13	1- 3/8	42	124	124	3/4 X16	7/16	0	5010	5210	1212
418A	14	11	13	1- 3/8	36	124	124	5/8 X16	7/16	0	1611	5210	1111
427A	14	11	13	1- 3/8	36	123	123	7/16X16	3/8	0	5110	1111	5210
433A	14	11	13	1- 3/8	36	123	123	7/16X16	3/8	0	5210	1111	5110
442A	14	11	13	1- 3/8	36	124	124	9/16X16	3/8	0	1111	5210	1611
451A	14	11	13	1- 3/8	42	124	124	3/4 X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409A	14	11	12	1- 3/8	42	124	124	3/4 X16	7/16	0	5010	5210	1212
418A	14	11	12	1- 3/8	36	124	124	5/8 X16	7/16	0	1611	5210	1111
427A	14	11	12	1- 3/8	36	123	123	7/16X16	3/8	0	5110	1111	5210
433A	14	11	12	1- 3/8	36	123	123	7/16X16	3/8	0	5210	1111	5110
442A	14	11	12	1- 3/8	36	124	124	9/16X16	3/8	0	1111	5210	1611
451A	14	11	12	1- 3/8	42	124	124	3/4 X16	3/8	0	1212	5210	5010

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A 14 12	210	150	65	65	693	693	550	70	70	0	0	145	70	70	692	692
400A 14 12	210	150	60	60	693	693	550	65	65	0	0	145	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 14 12	14	1- 3/8	50	133	133	1- 1/8 X16	9/16	0	1313	5010	5610
400A 14 12	14	1- 3/8	50	133	133	1- 1/8 X16	9/16	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 14 12	13	1- 3/8	50	133	133	1- 1/8 X16	9/16	0	1313	5010	5610
400A 14 12	13	1- 3/8	50	133	133	1- 1/8 X16	9/16	0	1313	5010	5610

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

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106A	15	12	300	153	46	46	683	683	154	45	45	683	683	156	45	45	683	683
115A	15	12	300	161	42	42	683	683	161	42	42	683	683	161	42	42	683	683
124A	15	12	300	161	42	42	493	683	161	42	42	493	683	161	45	45	493	683
136A	15	12	300	162	42	42	683	683	162	42	42	683	683	162	42	42	683	683
145A	15	12	300	161	42	42	683	683	161	42	42	683	683	161	45	45	683	683
154A	15	12	300	156	50	50	693	693	154	50	50	693	693	153	50	50	693	693

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	15	12	15	1- 3/8	36	124	124	3/4 X16	1/2	0	1311	5110	1411
115A	15	12	15	1- 3/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
124A	15	12	15	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
136A	15	12	15	1- 3/8	36	124	124	3/4 X16	1/2	0	1411	5110	1411
145A	15	12	15	1- 3/8	36	125	125	7/8 X16	1/2	0	5110	1411	5110
154A	15	12	15	1- 3/8	36	125	125	13/16X16	1/2	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	15	12	14	1- 3/8	36	124	124	3/4 X16	1/2	0	1311	5110	1411
115A	15	12	14	1- 3/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
124A	15	12	14	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
136A	15	12	14	1- 3/8	36	124	124	3/4 X16	1/2	0	1411	5110	1411
145A	15	12	14	1- 3/8	36	125	125	7/8 X16	1/2	0	5110	1411	5110
154A	15	12	14	1- 3/8	36	125	125	13/16X16	1/2	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	15	12	13	1- 3/8	36	124	124	3/4 X16	1/2	0	1311	5110	1411
115A	15	12	13	1- 3/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
124A	15	12	13	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
136A	15	12	13	1- 3/8	36	124	124	3/4 X16	1/2	0	1411	5110	1411
145A	15	12	13	1- 3/8	36	125	125	7/8 X16	1/2	0	5110	1411	5110
154A	15	12	13	1- 3/8	36	125	125	13/16X16	1/2	0	1411	5110	1311

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

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206A	15	12	300	137	70	70	682	682	138	70	70	682	682	138	70	70	682	682
215A	15	12	300	143	60	60	682	682	145	60	60	682	662	147	55	55	682	682
224A	15	12	300	145	55	55	492	492	145	55	55	492	492	145	55	55	492	492
236A	15	12	300	145	50	50	492	492	145	50	50	492	492	145	50	50	492	492
245A	15	12	300	147	46	46	492	492	145	46	46	492	492	143	50	50	492	492
254A	15	12	300	138	60	60	682	682	138	60	60	682	682	137	60	60	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	15	12	15	1- 3/8	45	125	124	13/16X16	7/16	0	5110	1212	5110
215A	15	12	15	1- 3/8	42	124	124	3/4 X16	7/16	0	1212	5510	5110
224A	15	12	15	1- 3/8	42	123	123	1/2 X16	3/8	0	1111	5110	1111
236A	15	12	15	1- 3/8	36	123	123	7/16X16	3/8	0	1111	5110	1111
245A	15	12	15	1- 3/8	36	124	124	11/16X16	3/8	0	5110	5310	1212
254A	15	12	15	1- 3/8	42	124	124	11/16X16	3/8	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	15	12	14	1- 3/8	46	125	124	13/16X16	7/16	0	5110	1212	5110
215A	15	12	14	1- 3/8	42	124	124	3/4 X16	7/16	0	1212	5510	5110
224A	15	12	14	1- 3/8	42	123	123	1/2 X16	3/8	0	1111	5110	1111
236A	15	12	14	1- 3/8	36	123	123	7/16X16	3/8	0	1111	5110	1111
245A	15	12	14	1- 3/8	36	124	124	11/16X16	3/8	0	5110	5310	1212
254A	15	12	14	1- 3/8	42	124	124	11/16X16	3/8	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	15	12	13	1- 3/8	46	125	124	13/16X16	7/16	0	5110	1212	5110
215A	15	12	13	1- 3/8	42	124	124	3/4 X16	7/16	0	1212	5510	5110
224A	15	12	13	1- 3/8	42	123	123	1/2 X16	3/8	0	1111	5110	1111
236A	15	12	13	1- 3/8	36	123	123	7/16X16	3/8	0	1111	5110	1111
245A	15	12	13	1- 3/8	36	124	124	11/16X16	3/8	0	5110	5310	1212
254A	15	12	13	1- 3/8	42	124	124	11/16X16	3/8	0	5110	1212	5110

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER

TITLE: EXTERIOR WALL PANEL SCHEDULE

DATE: 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
306A 15	12	300	153	45	45	683	683	154	45	45	683	683	156	45	45	683	683
315A 15	12	300	161	45	45	683	683	161	45	45	683	683	161	45	45	683	683
324A 15	12	300	161	45	45	493	493	161	45	45	493	493	161	45	45	493	493
336A 15	12	300	162	46	46	683	683	162	46	46	683	683	162	46	46	683	683
345A 15	12	300	161	46	46	683	683	161	46	46	683	683	161	46	46	683	683
354A 15	12	300	156	46	46	693	693	154	46	46	683	693	153	50	50	683	693

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
306A 15	12	15	1- 3/8	36	124	124	11/16X16	1/2	0	1311	5110	1411
315A 15	12	15	1- 3/8	36	124	124	11/16X16	1/2	0	5110	1411	5110
324A 15	12	15	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5110	1411
336A 15	12	15	1- 3/8	36	124	124	3/4 X16	1/2	0	1411	5110	1411
345A 15	12	15	1- 3/8	36	124	125	7/8 X16	1/2	0	5110	1411	5110
354A 15	12	15	1- 3/8	36	125	125	13/16X16	1/2	0	1411	5110	1311

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
306A 15	12	14	1- 3/8	36	124	124	11/16X16	1/2	0	1311	5110	1411
315A 15	12	14	1- 3/8	36	124	124	11/16X16	1/2	0	5110	1411	5110
324A 15	12	14	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5110	1411
336A 15	12	14	1- 3/8	36	124	124	3/4 X16	1/2	0	1411	5110	1411
345A 15	12	14	1- 3/8	36	124	125	7/8 X16	1/2	0	5110	1411	5110
354A 15	12	14	1- 3/8	36	125	125	13/16X16	1/2	0	1411	5110	1311

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

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
306A 15	12	13	1- 3/8	36	124	124	11/16X16	1/2	0	1311	5110	1411
315A 15	12	13	1- 3/8	36	124	124	11/16X16	1/2	0	5110	1411	5110
324A 15	12	13	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5110	1411
336A 15	12	13	1- 3/8	36	124	124	3/4 X16	1/2	0	1411	5110	1411
345A 15	12	13	1- 3/8	36	125	125	7/8 X16	1/2	0	5110	1411	5110
354A 15	12	13	1- 3/8	36	125	125	13/16X16	1/2	0	1411	5110	1311

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406A	15 12	300	137	60	60	682	682	138	60	60	682	682	138	60	60	682	682
415A	15 12	300	143	50	50	682	682	145	50	50	682	682	147	46	46	682	682
424A	15 12	300	145	50	50	492	492	145	50	50	492	492	145	50	50	492	492
436A	15 12	300	145	55	55	492	492	145	55	55	492	492	145	55	55	492	492
445A	15 12	300	147	55	55	492	682	145	55	55	492	682	143	60	60	682	682
454A	15 12	300	138	65	65	682	682	138	65	65	682	682	137	65	65	682	682

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	15 12	15	1- 3/8	42	124	124	13/16X16	7/16	0	5110	1212	5110
415A	15 12	15	1- 3/8	36	124	124	3/4 X16	7/16	0	1212	5510	5110
424A	15 12	15	1- 3/8	36	123	123	7/16X16	3/8	0	1111	5110	1111
436A	15 12	15	1- 3/8	36	123	123	7/16X16	3/8	0	1111	5110	1111
445A	15 12	15	1- 3/8	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A	15 12	15	1- 3/8	45	124	124	3/4 X16	7/16	0	5110	1212	5110

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	15 12	14	1- 3/8	42	124	124	13/16X16	7/16	0	5110	1212	5110
415A	15 12	14	1- 3/8	36	124	124	3/4 X16	7/16	0	1212	5510	5110
424A	15 12	14	1- 3/8	36	123	123	7/16X16	3/8	0	1111	5110	1111
436A	15 12	14	1- 3/8	36	123	123	7/16X16	3/8	0	1111	5110	1111
445A	15 12	14	1- 3/8	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A	15 12	14	1- 3/8	45	124	124	3/4 X16	7/16	0	5110	1212	5110

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

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	15 12	13	1- 3/8	42	124	124	13/16X16	7/16	0	5110	1212	5110
415A	15 12	13	1- 3/8	36	124	124	3/4 X16	7/16	0	1212	5510	5110
424A	15 12	13	1- 3/8	36	123	123	1/2 X16	3/8	0	1111	5110	1111
436A	15 12	13	1- 3/8	36	123	123	7/16X16	3/8	0	1111	5110	1111
445A	15 12	13	1- 3/8	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A	15 12	13	1- 3/8	45	124	124	3/4 X16	7/16	0	5110	1212	5110

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100A 15 13	210	145	65	65	692	692	550	65	65	0	0	150	60	60	693	693
300A 15 13	210	145	60	60	692	692	550	60	60	0	0	150	55	55	693	693

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 15 13	15	1- 3/8	50	132	132	1 X16	9/16	0	5410	5010	1313
300A 15 13	15	1- 3/8	50	132	132	15/16X16	9/16	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 15 13	14	1- 3/8	50	132	132	1 X16	9/16	0	5410	5010	1313
300A 15 13	14	1- 3/8	50	132	132	15/16X16	9/16	0	5410	5010	1313

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

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A	16	13	300	143	60	60	692	692	146	55	55	682	682	149	50	50	682	683
112A	16	13	300	160	42	42	683	683	160	42	42	683	683	160	42	42	683	683
121A	16	13	300	160	42	42	683	683	160	42	42	493	683	160	42	42	493	683
130A	16	13	300	161	45	45	493	493	162	42	42	493	493	162	42	42	493	493
139A	16	13	300	162	42	42	683	683	162	42	42	683	683	162	42	42	683	683
148A	16	13	300	160	45	45	683	693	160	45	45	683	693	160	45	45	693	693
157A	16	13	300	149	55	55	692	693	146	55	55	692	692	143	65	65	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A	16	13	16	1- 5/16	46	132	124	15/16X16	1/2	3/8	5110	1311	5210
112A	16	13	16	1- 5/16	36	124	124	3/4 X16	1/2	0	1511	5210	1411
121A	16	13	16	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5210
130A	16	13	16	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5210	1411
139A	16	13	16	1- 5/16	36	124	124	13/16X16	1/2	0	5210	1411	5210
148A	16	13	16	1- 5/16	36	125	125	7/8 X16	1/2	0	1411	5210	1511
157A	16	13	16	1- 5/16	50	125	133	1 X16	1/2	3/8	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A	16	13	15	1- 3/8	46	132	124	15/16X16	1/2	3/8	5110	1311	5210
112A	16	13	15	1- 3/8	36	124	124	3/4 X16	1/2	0	1511	5210	1411
121A	16	13	15	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
130A	16	13	15	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5210	1411
139A	16	13	15	1- 3/8	36	124	124	13/16X16	1/2	0	5210	1411	5210
148A	16	13	15	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5210	1511
157A	16	13	15	1- 3/8	50	125	133	1 X16	1/2	3/8	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A	16	13	14	1- 3/8	46	132	124	15/16X16	1/2	3/8	5110	1311	5210
112A	16	13	14	1- 3/8	36	124	124	3/4 X16	1/2	0	1511	5210	1411
121A	16	13	14	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
130A	16	13	14	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5210	1411
139A	16	13	14	1- 3/8	36	124	124	13/16X16	1/2	0	5210	1411	5210
148A	16	13	14	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5210	1511
157A	16	13	14	1- 3/8	50	125	133	1 X16	1/2	3/8	5210	1311	5110

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

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

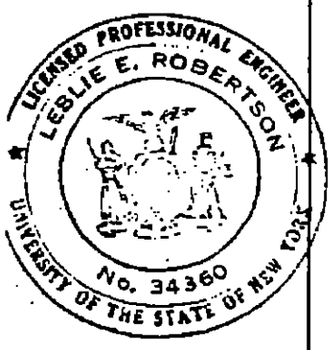
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

—REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
203A 16 13	300	136	75	75	692	692	136	70	70	682	682	137	70	70	682	682
212A 16 13	300	138	65	65	682	682	139	65	65	682	682	141	65	65	682	682
221A 16 13	300	147	55	55	492	492	147	55	55	492	492	146	55	55	492	492
230A 16 13	300	145	55	55	492	492	145	55	55	492	492	145	55	55	492	492
239A 16 13	300	146	50	50	492	492	147	50	50	492	492	147	50	50	492	492
248A 16 13	300	141	50	50	492	492	139	55	55	492	492	138	55	55	682	682
257A 16 13	300	137	60	60	682	682	136	60	60	682	682	136	70	70	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 16 13	16	1- 5/16	60	133	124	15/16X16	1/2	5/16	1013	5210	5010
212A 16 13	16	1- 5/16	45	124	124	3/4 X16	7/16	0	5210	5010	5210
221A 16 13	16	1- 5/16	42	124	123	9/16X16	3/8	0	5210	1111	5210
230A 16 13	16	1- 5/16	36	123	123	3/8 X15	3/8	0	1111	5210	1111
239A 16 13	16	1- 5/16	36	123	123	1/2 X16	3/8	0	5210	1111	5210
248A 16 13	16	1- 5/16	36	124	124	11/16X16	3/8	0	5210	5010	5210
257A 16 13	16	1- 5/16	55	124	132	13/16X16	7/16	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 16 13	15	1- 3/8	60	133	125	15/16X16	1/2	5/16	1013	5210	5010
212A 16 13	15	1- 3/8	45	124	124	3/4 X16	7/16	0	5210	5010	5210
221A 16 13	15	1- 3/8	42	124	123	9/16X16	3/8	0	5210	1111	5210
230A 16 13	15	1- 3/8	36	123	123	3/8 X15	3/8	0	1111	5210	1111
239A 16 13	15	1- 3/8	36	123	123	1/2 X16	3/8	0	5210	1111	5210
248A 16 13	15	1- 3/8	36	124	124	11/16X16	3/8	0	5210	5010	5210
257A 16 13	15	1- 3/8	50	124	132	13/16X16	7/16	0	5010	5210	1013



PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 16 13	14	1- 3/8	60	133	125	15/16X16	1/2	5/16	1013	5210	5010
212A 16 13	14	1- 3/8	45	124	124	3/4 X16	7/16	0	5210	5010	5210
221A 16 13	14	1- 3/8	42	124	123	9/16X16	3/8	0	5210	1111	5210
230A 16 13	14	1- 3/8	36	123	123	3/8 X15	3/8	0	1111	5210	1111
239A 16 13	14	1- 3/8	36	123	123	1/2 X16	3/8	0	5210	1111	5210
248A 16 13	14	1- 3/8	36	124	124	11/16X16	3/8	0	5210	5010	5210
257A 16 13	14	1- 3/8	55	124	132	13/16X16	7/16	0	5010	5210	1013

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A	16	13	300	143	60	60	682	682	146	50	50	682	682	149	50	50	682	683
312A	16	13	300	160	45	45	683	683	160	45	45	683	683	160	45	45	683	683
321A	16	13	300	160	45	45	493	493	160	45	45	493	493	160	45	45	493	493
330A	16	13	300	161	46	46	493	493	162	46	46	493	493	162	46	46	493	493
339A	16	13	300	162	46	46	683	683	162	46	46	683	683	162	46	46	683	683
348A	16	13	300	160	46	46	683	683	160	45	45	683	683	160	45	45	683	693
357A	16	13	300	149	50	50	682	683	146	55	55	682	682	143	60	60	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	16	13	16	1- 5/16	45	132	124	7/8 X16	7/16	0	5110	1311	5210
312A	16	13	16	1- 5/16	36	124	124	11/16X16	1/2	0	1511	5210	1411
321A	16	13	16	1- 5/16	36	124	124	5/8 X16	1/2	0	5210	1411	5210
330A	16	13	16	1- 5/16	36	123	124	5/8 X16	1/2	0	1411	5210	1411
339A	16	13	16	1- 5/16	36	124	124	13/16X16	1/2	0	5210	1411	5210
348A	16	13	16	1- 5/16	36	125	125	7/8 X16	1/2	0	1411	5210	1511
357A	16	13	16	1- 5/16	46	125	133	1 X16	1/2	3/8	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	16	13	15	1- 3/8	42	132	124	7/8 X16	7/16	0	5110	1311	5210
312A	16	13	15	1- 3/8	36	124	124	11/16X16	1/2	0	1511	5210	1411
321A	16	13	15	1- 3/8	36	124	124	5/8 X16	1/2	0	5210	1411	5210
330A	16	13	15	1- 3/8	36	123	124	5/8 X16	1/2	0	1411	5210	1411
339A	16	13	15	1- 3/8	36	124	124	13/16X16	1/2	0	5210	1411	5210
348A	16	13	15	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5210	1511
357A	16	13	15	1- 3/8	45	125	133	1 X16	1/2	3/8	5210	1311	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	16	13	14	1- 3/8	42	132	124	7/8 X16	7/16	0	5110	1311	5210
312A	16	13	14	1- 3/8	36	124	124	11/16X16	1/2	0	1511	5210	1411
321A	16	13	14	1- 3/8	36	124	124	5/8 X16	1/2	0	5210	1411	5210
330A	16	13	14	1- 3/8	36	123	124	5/8 X16	1/2	0	1411	5210	1411
339A	16	13	14	1- 3/8	36	124	124	13/16X16	1/2	0	5210	1411	5210
348A	16	13	14	1- 3/8	36	125	125	7/8 X16	1/2	0	1411	5210	1511
357A	16	13	14	1- 3/8	46	125	133	1 X16	1/2	3/8	5210	1311	5110

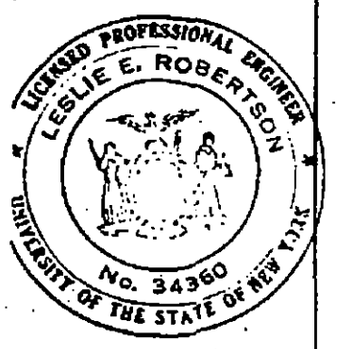
WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
403A	16	13	300	136	70	70	692	692	136	65	65	682	682	137	60	60	682	682
412A	16	13	300	138	55	55	682	682	139	55	55	682	682	141	50	50	682	682
421A	16	13	300	147	50	50	492	492	147	50	50	492	492	146	50	50	492	492
430A	16	13	300	145	55	55	492	492	145	55	55	492	492	145	55	55	492	492
439A	16	13	300	146	55	55	492	492	147	55	55	492	492	147	55	55	492	492
448A	16	13	300	141	60	60	682	682	139	60	60	682	682	138	60	60	682	682
457A	16	13	300	137	65	65	682	682	136	65	65	682	682	136	75	75	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	16	13	16	1- 5/16	55	133	124	15/16X16	1/2	5/16	1013	5210	5010
412A	16	13	16	1- 5/16	42	124	124	3/4 X16	7/16	0	5210	5010	5210
421A	16	13	16	1- 5/16	36	124	123	9/16X16	3/8	0	5210	1111	5210
430A	16	13	16	1- 5/16	36	123	123	3/8 X15	3/8	0	1111	5210	1111
439A	16	13	16	1- 5/16	36	123	124	1/2 X16	3/8	0	5210	1111	5210
448A	16	13	16	1- 5/16	42	124	124	11/16X16	3/8	0	5210	5010	5210
457A	16	13	16	1- 5/16	60	124	132	7/8 X16	7/16	0	5010	5210	1013



PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	16	13	15	1- 3/8	55	133	124	15/16X16	1/2	5/16	1013	5210	5010
412A	16	13	15	1- 3/8	42	124	124	3/4 X16	7/16	0	5210	5010	5210
421A	16	13	15	1- 3/8	36	124	123	1/2 X16	3/8	0	5210	1111	5210
430A	16	13	15	1- 3/8	36	123	123	3/8 X15	3/8	0	1111	5210	1111
439A	16	13	15	1- 3/8	36	123	124	1/2 X16	3/8	0	5210	1111	5210
448A	16	13	15	1- 3/8	42	124	124	11/16X16	3/8	0	5210	5010	5210
457A	16	13	15	1- 3/8	55	124	132	7/8 X16	7/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	16	13	14	1- 3/8	55	133	124	15/16X16	1/2	5/16	1013	5210	5010
412A	16	13	14	1- 3/8	42	124	124	3/4 X16	7/16	0	5210	5010	5210
421A	16	13	14	1- 3/8	36	124	123	9/16X16	3/8	0	5210	1111	5210
430A	16	13	14	1- 3/8	36	123	123	3/8 X16	3/8	0	1111	5210	1111
439A	16	13	14	1- 3/8	36	123	124	1/2 X16	3/8	0	5210	1111	5210
448A	16	13	14	1- 3/8	42	124	124	11/16X16	3/8	0	5210	5010	5210
457A	16	13	14	1- 3/8	55	124	132	7/8 X16	7/16	0	5010	5210	1013

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A	16 14	210	150	65	65	693	693	550	70	70	0	0	144	70	70	692	692
400A	16 14	210	150	60	60	693	693	550	65	65	0	0	144	65	65	692	692

X

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
200A	16 14	16	1- 5/16	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610
400A	16 14	16	1- 5/16	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
200A	16 14	15	1- 3/8	50	133	133	1- 1/4 X16	9/16	3/8	1313	5010	5610
400A	16 14	15	1- 3/8	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610

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

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
109A	17	14	300	156	45	45	683	683	158	42	42	683	683	159	42	42	683	683
118A	17	14	300	159	42	42	683	683	159	42	42	683	683	159	42	42	683	683
127A	17	14	300	159	45	45	493	493	160	45	45	493	493	160	45	45	493	493
133A	17	14	300	162	42	42	493	493	162	42	42	493	493	162	42	42	683	683
142A	17	14	300	161	42	42	683	683	160	42	42	683	683	160	42	42	683	683
151A	17	14	300	159	45	45	693	693	158	45	45	693	693	156	46	46	693	693

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A	17	14	17	1- 5/16	36	124	124	3/4 X16	1/2	0	5210	1411	5210
118A	17	14	17	1- 5/16	36	124	124	11/16X16	1/2	0	1411	5210	1411
127A	17	14	17	1- 5/16	36	124	124	5/8 X16	1/2	0	5110	1411	5210
133A	17	14	17	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5110
142A	17	14	17	1- 5/16	36	124	125	13/16X16	1/2	0	1411	5210	1411
151A	17	14	17	1- 5/16	36	125	125	7/8 X16	1/2	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A	17	14	16	1- 5/16	36	124	124	3/4 X16	1/2	0	5210	1411	5210
118A	17	14	16	1- 5/16	36	124	124	11/16X16	1/2	0	1411	5210	1411
127A	17	14	16	1- 5/16	36	124	124	5/8 X16	1/2	0	5110	1411	5210
133A	17	14	16	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5110
142A	17	14	16	1- 5/16	36	124	125	13/16X16	1/2	0	1411	5210	1411
151A	17	14	16	1- 5/16	36	125	125	7/8 X16	1/2	0	5210	1411	5210

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A	17	14	15	1- 3/8	36	124	124	3/4 X16	1/2	0	5210	1411	5210
118A	17	14	15	1- 3/8	36	124	124	11/16X16	1/2	0	1411	5210	1411
127A	17	14	15	1- 3/8	36	124	124	5/8 X16	1/2	0	5110	1411	5210
133A	17	14	15	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5110
142A	17	14	15	1- 3/8	36	124	125	13/16X16	1/2	0	1411	5210	1411
151A	17	14	15	1- 3/8	36	125	125	7/8 X16	1/2	0	5210	1411	5210

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
209A	17	14	300	137	70	70	682	682	138	65	65	682	682	138	65	65	682	682
218A	17	14	300	147	55	55	682	682	147	55	55	492	492	147	55	55	492	492
227A	17	14	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
233A	17	14	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
242A	17	14	300	147	50	50	492	492	147	50	50	492	492	147	46	46	492	492
251A	17	14	300	138	55	55	682	682	138	55	55	682	682	137	55	55	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	17	14	17	1- 5/16	45	124	124	3/4 X16	7/16	0	5010	5210	1212
218A	17	14	17	1- 5/16	42	124	124	9/16X16	3/8	0	1611	5210	1111
227A	17	14	17	1- 5/16	42	123	123	1/2 X16	3/8	0	5110	1111	5210
233A	17	14	17	1- 5/16	36	123	123	1/2 X16	3/8	0	5210	1111	5110
242A	17	14	17	1- 5/16	36	123	124	1/2 X16	3/8	0	1111	5210	1611
251A	17	14	17	1- 5/16	42	124	124	11/16X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	17	14	16	1- 5/16	45	124	124	13/16X16	7/16	0	5010	5210	1212
218A	17	14	16	1- 5/16	42	124	124	5/8 X16	7/16	0	1611	5210	1111
227A	17	14	16	1- 5/16	42	123	123	1/2 X16	3/8	0	5110	1111	5210
233A	17	14	16	1- 5/16	36	123	123	1/2 X16	3/8	0	5210	1111	5110
242A	17	14	16	1- 5/16	36	123	124	1/2 X16	3/8	0	1111	5210	1611
251A	17	14	16	1- 5/16	42	124	124	11/16X16	3/8	0	1212	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	17	14	15	1- 3/8	46	124	124	13/16X16	7/16	0	5010	5210	1212
218A	17	14	15	1- 3/8	42	124	124	5/8 X16	7/16	0	1611	5210	1111
227A	17	14	15	1- 3/8	42	123	123	9/16X16	3/8	0	5110	1111	5210
233A	17	14	15	1- 3/8	36	123	123	1/2 X16	3/8	0	5210	1111	5110
242A	17	14	15	1- 3/8	36	123	124	1/2 X16	3/8	0	1111	5210	1611
251A	17	14	15	1- 3/8	42	124	124	11/16X16	3/8	0	1212	5210	5010

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
309A	17	14	300	156	45	45	683	683	158	45	45	683	683	159	45	45	683	683
318A	17	14	300	159	45	45	493	493	159	45	45	493	493	159	45	45	493	493
327A	17	14	300	159	46	46	493	493	160	46	46	493	493	160	46	46	493	493
333A	17	14	300	162	46	46	493	493	162	46	46	493	493	162	46	46	683	683
342A	17	14	300	161	50	50	683	683	160	46	46	683	683	160	46	46	683	683
351A	17	14	300	159	45	45	683	693	158	46	46	683	693	156	45	45	693	693

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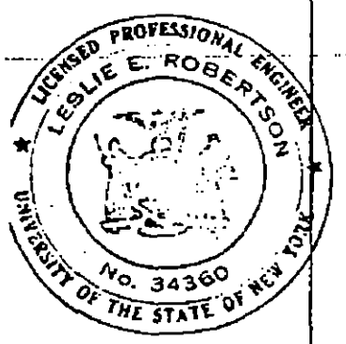
PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	17	14	17	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5210
318A	17	14	17	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5210	1411
327A	17	14	17	1- 5/16	36	123	123	9/16X16	1/2	0	5110	1411	5210
333A	17	14	17	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5110
342A	17	14	17	1- 5/16	36	124	124	13/16X16	1/2	0	1411	5210	1411
351A	17	14	17	1- 5/16	36	125	125	7/8 X16	1/2	0	5210	1411	5210



PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	17	14	16	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5210
318A	17	14	16	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5210	1411
327A	17	14	16	1- 5/16	36	124	123	9/16X16	1/2	0	5110	1411	5210
333A	17	14	16	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5110
342A	17	14	16	1- 5/16	36	124	124	13/16X16	1/2	0	1411	5210	1411
351A	17	14	16	1- 5/16	36	125	125	7/8 X16	1/2	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	17	14	15	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
318A	17	14	15	1- 3/8	36	124	124	5/8 X16	1/2	0	1411	5210	1411
327A	17	14	15	1- 3/8	36	124	123	9/16X16	1/2	0	5110	1411	5210
333A	17	14	15	1- 3/8	36	124	124	11/16X16	1/2	0	5210	1411	5110
342A	17	14	15	1- 3/8	36	124	124	13/16X16	1/2	0	1411	5210	1411
351A	17	14	15	1- 3/8	36	125	125	13/16X16	1/2	0	5210	1411	5210

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
409A	17 14	300	137	60	60	682	682	138	60	60	682	682	138	60	60	682	682
418A	17 14	300	147	46	46	682	682	147	50	50	492	492	147	50	50	492	492
427A	17 14	300	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
433A	17 14	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
442A	17 14	300	147	55	55	492	492	147	55	55	492	492	147	55	55	492	492
451A	17 14	300	138	65	65	682	682	138	65	65	682	682	137	65	65	682	682

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	17 14	17	1- 5/16	42	124	124	3/4 X16	7/16	0	5010	5210	1212
418A	17 14	17	1- 5/16	36	124	124	9/16X16	3/8	0	1611	5210	1111
427A	17 14	17	1- 5/16	36	123	123	1/2 X16	3/8	0	5110	1111	5210
433A	17 14	17	1- 5/16	36	123	123	9/16X16	3/8	0	5210	1111	5110
442A	17 14	17	1- 5/16	42	124	124	9/16X16	3/8	0	1111	5210	1611
451A	17 14	17	1- 5/16	45	124	124	13/16X16	3/8	0	1212	5210	5010

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

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	17 14	16	1- 5/16	42	124	124	3/4 X16	7/16	0	5010	5210	1212
418A	17 14	16	1- 5/16	36	124	124	9/16X16	3/8	0	1611	5210	1111
427A	17 14	16	1- 5/16	36	123	123	1/2 X16	3/8	0	5110	1111	5210
433A	17 14	16	1- 5/16	36	123	123	9/16X16	3/8	0	5210	1111	5110
442A	17 14	16	1- 5/16	36	124	124	9/16X16	3/8	0	1111	5210	1611
451A	17 14	16	1- 5/16	45	124	124	3/4 X16	3/8	0	1212	5210	5010

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	17 14	15	1- 3/8	42	124	124	3/4 X16	7/16	0	5010	5210	1212
418A	17 14	15	1- 3/8	36	124	124	9/16X16	3/8	0	1611	5210	1111
427A	17 14	15	1- 3/8	36	123	123	1/2 X16	3/8	0	5110	1111	5210
433A	17 14	15	1- 3/8	36	123	123	9/16X16	3/8	0	5210	1111	5110
442A	17 14	15	1- 3/8	36	124	124	9/16X16	3/8	0	1111	5210	1611
451A	17 14	15	1- 3/8	45	124	124	3/4 X16	3/8	0	1212	5210	5010

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A	17	15	210	144	65	65	692	692	549	65	65	0	0	149	60	60	692	693
300A	17	15	210	144	60	60	692	692	549	60	60	0	0	149	60	60	692	693

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	17	15	17	1- 5/16	50	132	132	1- 1/8 X16	9/16	3/8	5410	5010	1313
300A	17	15	17	1- 5/16	50	132	132	1- 1/16X16	1/2	3/8	5410	5010	1313

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	17	15	16	1- 5/16	50	132	132	1- 1/8 X16	9/16	3/8	5410	5010	1313
300A	17	15	16	1- 5/16	50	132	132	1- 1/16X16	1/2	3/8	5410	5010	1313

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

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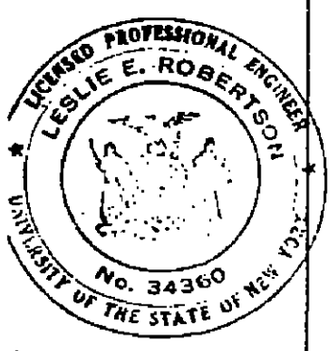
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106A	18	15	300	151	50	50	683	683	153	45	45	683	683	154	45	45	683	683
115A	18	15	300	159	42	42	683	683	159	42	42	683	683	159	42	42	683	683
124A	18	15	300	159	42	42	493	493	159	45	45	493	493	159	45	45	493	493
136A	18	15	300	161	42	42	683	683	161	42	42	683	683	161	42	42	683	683
145A	18	15	300	159	42	42	683	683	159	45	45	683	683	159	45	45	683	683
154A	18	15	300	154	50	50	693	693	153	50	50	693	693	151	50	50	693	693

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	18	15	18	1- 5/16	36	124	124	11/16X16	7/16	0	1311	5110	1411
115A	18	15	18	1- 5/16	36	124	124	11/16X16	1/2	0	5110	1411	5110
124A	18	15	18	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5110	1411
136A	18	15	18	1- 5/16	36	124	124	3/4 X16	1/2	0	1411	5110	1411
145A	18	15	18	1- 5/16	36	125	125	7/8 X16	1/2	0	5110	1411	5110
154A	18	15	18	1- 5/16	36	125	125	13/16X16	1/2	0	1411	5110	1311



PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	18	15	17	1- 5/16	36	124	124	11/16X16	7/16	0	1311	5110	1411
115A	18	15	17	1- 5/16	36	124	124	11/16X16	1/2	0	5110	1411	5110
124A	18	15	17	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5110	1411
136A	18	15	17	1- 5/16	36	124	124	3/4 X16	1/2	0	1411	5110	1411
145A	18	15	17	1- 5/16	36	125	125	7/8 X16	1/2	0	5110	1411	5110
154A	18	15	17	1- 5/16	36	125	125	13/16X16	1/2	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	18	15	16	1- 5/16	36	124	124	11/16X16	7/16	0	1311	5110	1411
115A	18	15	16	1- 5/16	36	124	124	11/16X16	1/2	0	5110	1411	5110
124A	18	15	16	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5110	1411
136A	18	15	16	1- 5/16	36	124	124	3/4 X16	1/2	0	1411	5110	1411
145A	18	15	16	1- 5/16	36	125	125	7/8 X16	1/2	0	5110	1411	5110
154A	18	15	16	1- 5/16	36	125	125	13/16X16	1/2	0	1411	5110	1311

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206A	18	15	300	136	70	70	682	682	136	70	70	682	682	137	70	70	682	682
215A	18	15	300	141	60	60	682	682	144	60	60	682	682	145	60	60	682	682
224A	18	15	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
236A	18	15	300	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
245A	18	15	300	145	46	46	492	492	144	46	46	492	492	141	50	50	492	492
254A	18	15	300	137	60	60	682	682	136	60	60	682	682	136	60	60	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	18	15	18	1- 5/16	46	124	124	13/16X16	7/16	0	5110	1212	5110
215A	18	15	18	1- 5/16	42	124	124	3/4 X16	7/16	0	1212	5510	5110
224A	18	15	18	1- 5/16	42	123	123	9/16X16	3/8	0	1111	5110	1111
236A	18	15	18	1- 5/16	36	123	123	9/16X16	3/8	0	1111	5110	1111
245A	18	15	18	1- 5/16	36	124	124	5/8 X16	3/8	0	5110	5310	1212
254A	18	15	18	1- 5/16	42	124	124	11/16X16	3/8	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	18	15	17	1- 5/16	46	124	124	13/16X16	7/16	0	5110	1212	5110
215A	18	15	17	1- 5/16	42	124	124	3/4 X16	7/16	0	1212	5510	5110
224A	18	15	17	1- 5/16	42	123	123	9/16X16	3/8	0	1111	5110	1111
236A	18	15	17	1- 5/16	36	123	123	1/2 X16	3/8	0	1111	5110	1111
245A	18	15	17	1- 5/16	36	124	124	5/8 X16	3/8	0	5110	5310	1212
254A	18	15	17	1- 5/16	42	124	124	11/16X16	3/8	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	18	15	16	1- 5/16	46	124	124	13/16X16	7/16	0	5110	1212	5110
215A	18	15	16	1- 5/16	42	124	124	3/4 X16	7/16	0	1212	5510	5110
224A	18	15	16	1- 5/16	42	123	123	9/16X16	3/8	0	1111	5110	1111
236A	18	15	16	1- 5/16	36	123	123	9/16X16	3/8	0	1111	5110	1111
245A	18	15	16	1- 5/16	36	124	124	5/8 X16	3/8	0	5110	5310	1212
254A	18	15	16	1- 5/16	42	124	124	11/16X16	3/8	0	5110	1212	5110

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER

TITLE: EXTERIOR WALL PANEL SCHEDULE

DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
306A	18	15	300	151	45	45	683	683	153	45	45	683	683	154	45	45	683	683
315A	18	15	300	159	45	45	683	683	159	45	45	493	683	159	45	45	493	683
324A	18	15	300	159	45	45	493	493	159	46	46	493	493	159	46	46	493	493
336A	18	15	300	161	46	46	683	683	161	46	46	683	683	161	46	46	683	683
345A	18	15	300	159	50	50	683	683	159	46	46	683	683	159	46	46	683	683
354A	18	15	300	154	50	50	683	693	153	50	50	683	683	151	50	50	683	683

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	18	15	18	1- 5/16	36	124	124	11/16X16	7/16	0	1311	5110	1411
315A	18	15	18	1- 5/16	36	124	124	11/16X16	1/2	0	5110	1411	5110
324A	18	15	18	1- 5/16	36	124	124	9/16X16	1/2	0	1411	5110	1411
336A	18	15	18	1- 5/16	36	124	124	3/4 X16	1/2	0	1411	5110	1411
345A	18	15	18	1- 5/16	36	124	125	13/16X16	1/2	0	5110	1411	5110
354A	18	15	18	1- 5/16	36	125	125	13/16X16	1/2	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	18	15	17	1- 5/16	36	124	124	11/16X16	7/16	0	1311	5110	1411
315A	18	15	17	1- 5/16	36	124	124	11/16X16	1/2	0	5110	1411	5110
324A	18	15	17	1- 5/16	36	124	123	9/16X16	1/2	0	1411	5110	1411
336A	18	15	17	1- 5/16	36	124	124	3/4 X16	1/2	0	1411	5110	1411
345A	18	15	17	1- 5/16	36	124	125	13/16X16	1/2	0	5110	1411	5110
354A	18	15	17	1- 5/16	36	125	125	13/16X16	1/2	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	18	15	16	1- 5/16	36	124	124	11/16X16	7/16	0	1311	5110	1411
315A	18	15	16	1- 5/16	36	124	124	11/16X16	1/2	0	5110	1411	5110
324A	18	15	16	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5110	1411
336A	18	15	16	1- 5/16	36	124	124	3/4 X16	1/2	0	1411	5110	1411
345A	18	15	16	1- 5/16	36	124	125	13/16X16	1/2	0	5110	1411	5110
354A	18	15	16	1- 5/16	36	125	125	13/16X16	1/2	0	1411	5110	1311

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

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
406A	18	15	300	136	60	60	682	682	136	60	60	682	662	137	60	60	682	682
415A	18	15	300	141	50	50	682	682	144	50	50	682	682	145	46	46	682	682
424A	18	15	300	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
436A	18	15	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
445A	18	15	300	145	55	55	492	492	144	55	55	492	492	141	60	60	682	682
454A	18	15	300	137	65	65	682	682	136	65	65	682	682	136	65	65	682	682

X

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	18	15	18	1- 5/16	42	124	124	13/16X16	7/16	0	5110	1212	5110
415A	18	15	18	1- 5/16	36	124	124	3/4 X16	3/8	0	1212	5510	5110
424A	18	15	18	1- 5/16	36	123	123	9/16X16	3/8	0	1111	5110	1111
436A	18	15	18	1- 5/16	36	123	123	9/16X16	3/8	0	1111	5110	1111
445A	18	15	18	1- 5/16	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A	18	15	18	1- 5/16	45	124	124	11/16X16	3/8	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	18	15	17	1- 5/16	42	124	124	13/16X16	7/16	0	5110	1212	5110
415A	18	15	17	1- 5/16	36	124	124	3/4 X16	7/16	0	1212	5510	5110
424A	18	15	17	1- 5/16	36	123	123	9/16X16	3/8	0	1111	5110	1111
436A	18	15	17	1- 5/16	36	123	123	9/16X16	3/8	0	1111	5110	1111
445A	18	15	17	1- 5/16	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A	18	15	17	1- 5/16	45	124	124	3/4 X16	3/8	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 24360 UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	18	15	16	1- 5/16	42	124	124	13/16X16	7/16	0	5110	1212	5110
415A	18	15	16	1- 5/16	36	124	124	3/4 X16	7/16	0	1212	5510	5110
424A	18	15	16	1- 5/16	36	123	123	9/16X16	3/8	0	1111	5110	1111
436A	18	15	16	1- 5/16	36	123	123	9/16X16	3/8	0	1111	5110	1111
445A	18	15	16	1- 5/16	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A	18	15	16	1- 5/16	45	124	124	3/4 X16	3/8	0	5110	1212	5110

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200A 18 16	210	149	65	65	692	693	549	70	70	0	0	144	70	70	692	692
400A 18 16	210	149	60	60	692	693	549	65	65	0	0	144	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 18 16	18	1- 5/16	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610
400A 18 16	18	1- 5/16	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 18 16	17	1- 5/16	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610
400A 18 16	17	1- 5/16	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 84360 — REGISTERED IN THE STATE OF NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
103A 19 16	300	142	60	60	692	692	145	55	55	682	682	147	50	50	682	682
112A 19 16	300	159	42	42	683	683	159	42	42	683	683	159	42	42	683	683
121A 19 16	300	159	42	42	493	683	159	42	42	493	493	159	42	42	493	493
130A 19 16	300	159	45	45	493	493	160	42	42	493	493	160	42	42	493	493
139A 19 16	300	160	42	42	683	683	160	42	42	683	683	160	42	42	683	683
148A 19 16	300	159	45	45	683	683	159	45	45	683	683	159	45	45	683	693
157A 19 16	300	147	55	55	682	692	145	55	55	682	692	142	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A 19 16	19	1- 5/16	46	132	124	7/8 X16	7/16	0	5110	1311	5210
112A 19 16	19	1- 5/16	36	124	124	3/4 X16	1/2	0	1511	5210	1411
121A 19 16	19	1- 5/16	36	124	124	5/8 X16	1/2	0	5210	1411	5210
130A 19 16	19	1- 5/16	36	123	124	5/8 X16	1/2	0	1411	5210	1411
139A 19 16	19	1- 5/16	36	124	124	13/16X16	1/2	0	5210	1411	5210
148A 19 16	19	1- 5/16	36	125	125	7/8 X16	1/2	0	1411	5210	1511
157A 19 16	19	1- 5/16	50	125	133	1 X16	1/2	3/8	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A 19 16	18	1- 5/16	46	132	124	7/8 X16	7/16	0	5110	1311	5210
112A 19 16	18	1- 5/16	36	124	124	3/4 X16	1/2	0	1511	5210	1411
121A 19 16	18	1- 5/16	36	124	124	5/8 X16	1/2	0	5210	1411	5210
130A 19 16	18	1- 5/16	36	123	124	5/8 X16	1/2	0	1411	5210	1411
139A 19 16	18	1- 5/16	36	124	124	13/16X16	1/2	0	5210	1411	5210
148A 19 16	18	1- 5/16	36	125	125	7/8 X16	1/2	0	1411	5210	1511
157A 19 16	18	1- 5/16	50	125	133	1 X16	1/2	3/8	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A 19 16	17	1- 5/16	46	132	124	7/8 X16	7/16	0	5110	1311	5210
112A 19 16	17	1- 5/16	36	124	124	3/4 X16	1/2	0	1511	5210	1411
121A 19 16	17	1- 5/16	36	124	124	5/8 X16	1/2	0	5210	1411	5210
130A 19 16	17	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5210	1411
139A 19 16	17	1- 5/16	36	124	124	13/16X16	1/2	0	5210	1411	5210
148A 19 16	17	1- 5/16	36	125	125	7/8 X16	1/2	0	1411	5210	1511
157A 19 16	17	1- 5/16	50	125	133	1 X16	1/2	3/8	5210	1311	5110

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A	19	16	300	135	75	75	692	692	135	70	70	682	682	136	70	70	682	682
212A	19	16	300	137	65	65	682	682	138	65	65	682	682	140	65	65	682	682
221A	19	16	300	146	55	55	492	492	145	55	55	492	492	144	55	55	492	492
230A	19	16	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
239A	19	16	300	144	50	50	492	492	145	50	50	492	492	146	50	50	492	492
248A	19	16	300	140	55	55	492	492	138	55	55	492	492	137	55	55	492	682
257A	19	16	300	136	60	60	682	682	135	60	60	682	682	135	70	70	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	19	16	19	1- 5/16	60	133	124	15/16X16	1/2	5/16	1013	5210	5010
212A	19	16	19	1- 5/16	45	124	124	3/4 X16	7/16	0	5210	5010	5210
221A	19	16	19	1- 5/16	42	124	123	5/8 X16	3/8	0	5210	1111	5210
230A	19	16	19	1- 5/16	42	123	123	7/16X16	3/8	0	1111	5210	1111
239A	19	16	19	1- 5/16	36	123	123	9/16X16	3/8	0	5210	1111	5210
248A	19	16	19	1- 5/16	42	124	124	5/8 X16	3/8	0	5210	5010	5210
257A	19	16	19	1- 5/16	55	124	132	13/16X16	7/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	19	16	18	1- 5/16	60	133	124	15/16X16	1/2	5/16	1013	5210	5010
212A	19	16	18	1- 5/16	45	124	124	3/4 X16	7/16	0	5210	5010	5210
221A	19	16	18	1- 5/16	42	124	123	5/8 X16	3/8	0	5210	1111	5210
230A	19	16	18	1- 5/16	36	123	123	7/16X16	3/8	0	1111	5210	1111
239A	19	16	18	1- 5/16	36	123	123	9/16X16	3/8	0	5210	1111	5210
248A	19	16	18	1- 5/16	42	124	124	5/8 X16	3/8	0	5210	5010	5210
257A	19	16	18	1- 5/16	55	124	132	13/16X16	7/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	19	16	17	1- 5/16	60	133	124	15/16X16	1/2	5/16	1013	5210	5010
212A	19	16	17	1- 5/16	45	124	124	3/4 X16	7/16	0	5210	5010	5210
221A	19	16	17	1- 5/16	42	124	123	5/8 X16	3/8	0	5210	1111	5210
230A	19	16	17	1- 5/16	36	123	123	7/16X16	3/8	0	1111	5210	1111
239A	19	16	17	1- 5/16	36	123	123	9/16X16	3/8	0	5210	1111	5210
248A	19	16	17	1- 5/16	42	124	124	5/8 X16	3/8	0	5210	5010	5210
257A	19	16	17	1- 5/16	55	124	132	13/16X16	7/16	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34860 UNIVERSITY OF THE STATE OF NEW YORK

4-A1- 48

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

EVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A	19	16	300	142	60	60	682	682	145	50	50	682	682	147	50	50	682	682
312A	19	16	300	159	45	45	683	683	159	45	45	683	683	159	45	45	683	683
321A	19	16	300	159	45	45	493	493	159	45	45	493	493	159	45	45	493	493
330A	19	16	300	159	46	46	493	493	160	46	46	493	493	160	46	46	493	493
339A	19	16	300	160	46	46	683	683	160	46	46	683	683	160	46	46	683	683
348A	19	16	300	159	46	46	683	683	159	46	46	683	683	159	46	46	683	683
357A	19	16	300	147	50	50	682	682	145	55	55	682	682	142	60	60	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	19	16	19	1- 5/16	45	132	124	7/8 X16	7/16	0	5110	1311	5210
312A	19	16	19	1- 5/16	36	124	124	11/16X16	1/2	0	1511	5210	1411
321A	19	16	19	1- 5/16	36	124	124	5/8 X16	1/2	0	5210	1411	5210
330A	19	16	19	1- 5/16	36	123	124	9/16X16	1/2	0	1411	5210	1411
339A	19	16	19	1- 5/16	36	124	124	3/4 X16	1/2	0	5210	1411	5210
348A	19	16	19	1- 5/16	36	125	125	7/8 X16	1/2	0	1411	5210	1511
357A	19	16	19	1- 5/16	46	125	133	1 X16	1/2	3/8	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	19	16	18	1- 5/16	42	132	124	7/8 X16	7/16	0	5110	1311	5210
312A	19	16	18	1- 5/16	36	124	124	11/16X16	1/2	0	1511	5210	1411
321A	19	16	18	1- 5/16	36	124	124	5/8 X16	1/2	0	5210	1411	5210
330A	19	16	18	1- 5/16	36	123	124	9/16X16	1/2	0	1411	5210	1411
339A	19	16	18	1- 5/16	36	124	124	3/4 X16	1/2	0	5210	1411	5210
348A	19	16	18	1- 5/16	36	125	125	7/8 X16	1/2	0	1411	5210	1511
357A	19	16	18	1- 5/16	46	125	133	1 X16	1/2	3/8	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	19	16	17	1- 5/16	45	132	124	7/8 X16	7/16	0	5110	1311	5210
312A	19	16	17	1- 5/16	36	124	124	11/16X16	1/2	0	1511	5210	1411
321A	19	16	17	1- 5/16	36	124	124	5/8 X16	1/2	0	5210	1411	5210
330A	19	16	17	1- 5/16	36	123	124	5/8 X16	1/2	0	1411	5210	1411
339A	19	16	17	1- 5/16	36	124	124	13/16X16	1/2	0	5210	1411	5210
348A	19	16	17	1- 5/16	36	125	125	7/8 X16	1/2	0	1411	5210	1511
357A	19	16	17	1- 5/16	46	125	133	1 X16	1/2	3/8	5210	1311	5110

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

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
403A	19	16	300	135	70	70	692	692	135	65	65	682	682	136	65	65	682	682
412A	19	16	300	137	60	60	682	682	138	55	55	682	682	140	55	55	682	682
421A	19	16	300	146	50	50	492	492	145	50	50	492	492	144	50	50	492	492
430A	19	16	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
439A	19	16	300	144	55	55	492	492	145	55	55	492	492	146	55	55	492	492
448A	19	16	300	140	60	60	682	682	138	60	60	682	682	137	65	65	682	682
457A	19	16	300	136	65	65	682	682	135	65	65	682	682	135	75	75	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	19	16	19	1- 5/16	55	133	124	15/16X16	1/2	5/16	1013	5210	5010
412A	19	16	19	1- 5/16	42	124	124	3/4 X16	7/16	0	5210	5010	5210
421A	19	16	19	1- 5/16	36	124	123	5/8 X16	3/8	0	5210	1111	5210
430A	19	16	19	1- 5/16	36	123	123	1/2 X16	3/8	0	1111	5210	1111
439A	19	16	19	1- 5/16	42	123	124	5/8 X16	3/8	0	5210	1111	5210
448A	19	16	19	1- 5/16	45	124	124	11/16X16	3/8	0	5210	5010	5210
457A	19	16	19	1- 5/16	55	124	132	13/16X16	7/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	19	16	18	1- 5/16	55	133	124	15/16X16	1/2	5/16	1013	5210	5010
412A	19	16	18	1- 5/16	42	124	124	3/4 X16	7/16	0	5210	5010	5210
421A	19	16	18	1- 5/16	36	124	123	5/8 X16	3/8	0	5210	1111	5210
430A	19	16	18	1- 5/16	36	123	123	1/2 X16	3/8	0	1111	5210	1111
439A	19	16	18	1- 5/16	36	123	124	5/8 X16	3/8	0	5210	1111	5210
448A	19	16	18	1- 5/16	45	124	124	11/16X16	3/8	0	5210	5010	5210
457A	19	16	18	1- 5/16	60	124	132	13/16X16	7/16	0	5010	5210	1013

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	19	16	17	1- 5/16	55	133	124	15/16X16	1/2	5/16	1013	5210	5010
412A	19	16	17	1- 5/16	42	124	124	3/4 X16	7/16	0	5210	5010	5210
421A	19	16	17	1- 5/16	36	124	123	5/8 X16	3/8	0	5210	1111	5210
430A	19	16	17	1- 5/16	36	123	123	1/2 X16	3/8	0	1111	5210	1111
439A	19	16	17	1- 5/16	42	123	124	5/8 X16	3/8	0	5210	1111	5210
448A	19	16	17	1- 5/16	45	124	124	11/16X16	3/8	0	5210	5010	5210
457A	19	16	17	1- 5/16	60	124	132	13/16X16	7/16	0	5010	5210	1013

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100A 19 17	210	144	70	70	692	692	548	70	70	0	0	148	65	65	692	692
300A 19 17	210	144	65	65	692	692	548	65	65	0	0	148	60	60	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 19 17	19	1- 5/16	50	132	132	1- 1/16X16	9/16	3/8	5410	5010	1313
300A 19 17	19	1- 5/16	50	132	132	1- 1/16X16	1/2	3/8	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 19 17	18	1- 5/16	50	132	132	1- 1/16X16	9/16	3/8	5410	5010	1313
300A 19 17	18	1- 5/16	50	132	132	1- 1/16X16	1/2	3/8	5410	5010	1313

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

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
109A 20 17	300	155	45	45	683	683	156	42	42	683	683	158	42	42	683	683
118A 20 17	300	158	42	42	683	683	158	42	42	493	683	158	42	42	493	683
127A 20 17	300	158	45	45	493	493	158	45	45	493	493	159	45	45	493	493
133A 20 17	300	160	42	42	493	493	160	42	42	493	493	160	42	42	683	683
142A 20 17	300	159	42	42	683	683	159	42	42	683	683	158	42	42	683	683
151A 20 17	300	158	45	45	683	693	156	46	46	683	693	155	50	50	683	693

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 20 17	20	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5210
118A 20 17	20	1- 5/16	36	124	124	11/16X16	1/2	0	1411	5210	1411
127A 20 17	20	1- 5/16	36	124	123	9/16X16	1/2	0	5110	1411	5210
133A 20 17	20	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5110
142A 20 17	20	1- 5/16	36	124	124	13/16X16	1/2	0	1411	5210	1411
151A 20 17	20	1- 5/16	36	125	125	13/16X16	1/2	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 20 17	19	1- 5/16	36	124	124	3/4 X16	1/2	0	5210	1411	5210
118A 20 17	19	1- 5/16	36	124	124	11/16X16	1/2	0	1411	5210	1411
127A 20 17	19	1- 5/16	36	124	123	9/16X16	1/2	0	5110	1411	5210
133A 20 17	19	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5110
142A 20 17	19	1- 5/16	36	124	124	13/16X16	1/2	0	1411	5210	1411
151A 20 17	19	1- 5/16	36	125	125	13/16X16	1/2	0	5210	1411	5210

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 20 17	18	1- 5/16	36	124	124	3/4 X16	1/2	0	5210	1411	5210
118A 20 17	18	1- 5/16	36	124	124	11/16X16	1/2	0	1411	5210	1411
127A 20 17	18	1- 5/16	36	124	123	5/8 X16	1/2	0	5110	1411	5210
133A 20 17	18	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5110
142A 20 17	18	1- 5/16	36	124	125	13/16X16	1/2	0	1411	5210	1411
151A 20 17	18	1- 5/16	36	125	125	7/8 X16	1/2	0	5210	1411	5210

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
209A	20	17	300	136	70	70	682	682	137	70	70	682	682	137	70	70	682	682
218A	20	17	300	146	55	55	682	682	146	55	55	492	492	146	55	55	492	492
227A	20	17	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
233A	20	17	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
242A	20	17	300	146	50	50	492	492	146	50	50	492	492	146	50	50	492	492
251A	20	17	300	137	60	60	682	682	137	60	60	682	682	136	60	60	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	20	17	20	1- 5/16	46	124	124	3/4 X16	7/16	0	5010	5210	1212
218A	20	17	20	1- 5/16	42	124	124	9/16X16	3/8	0	1611	5210	1111
227A	20	17	20	1- 5/16	42	123	123	1/2 X16	3/8	0	5110	1111	5210
233A	20	17	20	1- 5/16	36	123	123	1/2 X16	3/8	0	5210	1111	5110
242A	20	17	20	1- 5/16	36	123	124	1/2 X16	3/8	0	1111	5210	1611
251A	20	17	20	1- 5/16	42	124	124	11/16X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	20	17	19	1- 5/16	46	124	124	3/4 X16	7/16	0	5010	5210	1212
218A	20	17	19	1- 5/16	42	124	124	9/16X16	3/8	0	1611	5210	1111
227A	20	17	19	1- 5/16	42	123	123	1/2 X16	3/8	0	5110	1111	5210
233A	20	17	19	1- 5/16	36	123	123	1/2 X16	3/8	0	5210	1111	5110
242A	20	17	19	1- 5/16	36	123	124	1/2 X16	3/8	0	1111	5210	1611
251A	20	17	19	1- 5/16	42	124	124	11/16X16	3/8	0	1212	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	20	17	18	1- 5/16	46	124	124	3/4 X16	7/16	0	5010	5210	1212
218A	20	17	18	1- 5/16	42	124	124	5/8 X16	3/8	0	1611	5210	1111
227A	20	17	18	1- 5/16	36	123	123	1/2 X16	3/8	0	5110	1111	5210
233A	20	17	18	1- 5/16	36	123	123	1/2 X16	3/8	0	5210	1111	5110
242A	20	17	18	1- 5/16	36	123	124	1/2 X16	3/8	0	1111	5210	1611
251A	20	17	18	1- 5/16	42	124	124	11/16X16	3/8	0	1212	5210	5010

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
309A	20	17	300	155	45	45	683	683	156	45	45	683	683	158	45	45	683	683
318A	20	17	300	158	45	45	493	493	158	45	45	493	493	158	45	45	493	493
327A	20	17	300	158	46	46	493	493	158	46	46	493	493	159	46	46	493	493
333A	20	17	300	160	46	46	493	493	160	46	46	493	493	160	46	46	683	683
342A	20	17	300	159	50	50	683	683	159	50	50	683	683	158	50	50	683	683
351A	20	17	300	158	46	46	683	683	156	46	46	683	683	155	50	50	683	693

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	20	17	20	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5210
318A	20	17	20	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5210	1411
327A	20	17	20	1- 5/16	36	123	123	9/16X16	1/2	0	5110	1411	5210
333A	20	17	20	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5110
342A	20	17	20	1- 5/16	36	124	124	13/16X16	1/2	0	1411	5210	1411
351A	20	17	20	1- 5/16	36	125	125	13/16X16	1/2	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	20	17	19	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5210
318A	20	17	19	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5210	1411
327A	20	17	19	1- 5/16	36	123	123	9/16X16	1/2	0	5110	1411	5210
333A	20	17	19	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5110
342A	20	17	19	1- 5/16	36	124	124	13/16X16	1/2	0	1411	5210	1411
351A	20	17	19	1- 5/16	36	125	125	13/16X16	1/2	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34560 UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	20	17	18	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5210
318A	20	17	18	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5210	1411
327A	20	17	18	1- 5/16	36	123	123	9/16X16	1/2	0	5110	1411	5210
333A	20	17	18	1- 5/16	36	124	124	11/16X16	1/2	0	5210	1411	5110
342A	20	17	18	1- 5/16	36	124	124	13/16X16	1/2	0	1411	5210	1411
351A	20	17	18	1- 5/16	36	125	125	13/16X16	1/2	0	5210	1411	5210

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
409A	20	17	300	136	60	60	682	682	137	60	60	682	682	137	60	60	682	682
418A	20	17	300	146	50	50	492	682	146	50	50	492	492	146	50	50	492	492
427A	20	17	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
433A	20	17	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
442A	20	17	300	146	55	55	492	492	146	55	55	492	492	146	55	55	492	492
451A	20	17	300	137	65	65	682	682	137	65	65	682	682	136	65	65	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A	20	17	20	1- 5/16	42	124	124	3/4 X16	7/16	0	5010	5210	1212
418A	20	17	20	1- 5/16	36	124	124	9/16X16	3/8	0	1611	5210	1111
427A	20	17	20	1- 5/16	36	123	123	1/2 X16	3/8	0	5110	1111	5210
433A	20	17	20	1- 5/16	36	123	123	1/2 X16	3/8	0	5210	1111	5110
442A	20	17	20	1- 5/16	42	124	124	9/16X16	3/8	0	1111	5210	1611
451A	20	17	20	1- 5/16	45	124	124	11/16X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A	20	17	19	1- 5/16	42	124	124	3/4 X16	7/16	0	5010	5210	1212
418A	20	17	19	1- 5/16	36	124	124	9/16X16	3/8	0	1611	5210	1111
427A	20	17	19	1- 5/16	36	123	123	1/2 X16	3/8	0	5110	1111	5210
433A	20	17	19	1- 5/16	42	123	123	1/2 X16	3/8	0	5210	1111	5110
442A	20	17	19	1- 5/16	42	124	124	9/16X16	3/8	0	1111	5210	1611
451A	20	17	19	1- 5/16	45	124	124	11/16X16	3/8	0	1212	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A	20	17	18	1- 5/16	42	124	124	3/4 X16	7/16	0	5010	5210	1212
418A	20	17	18	1- 5/16	36	124	124	9/16X16	3/8	0	1611	5210	1111
427A	20	17	18	1- 5/16	36	123	123	1/2 X16	3/8	0	5110	1111	5210
433A	20	17	18	1- 5/16	36	123	123	1/2 X16	3/8	0	5210	1111	5110
442A	20	17	18	1- 5/16	36	124	124	9/16X16	3/8	0	1111	5210	1611
451A	20	17	18	1- 5/16	45	124	124	11/16X16	3/8	0	1212	5210	5010

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A 20 18	210	147	65	65	692	692	547	75	75	0	0	143	75	75	692	692
400A 20 18	210	147	60	60	692	692	547	65	65	0	0	143	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 20 18	20	1- 5/16	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610
400A 20 18	20	1- 5/16	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 20 18	19	1- 5/16	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610
400A 20 18	19	1- 5/16	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610

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

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106A 21 18	300	150	50	50	683	683	151	46	46	683	683	153	45	45	683	683
115A 21 18	300	158	42	42	683	683	158	42	42	683	683	158	42	42	683	683
124A 21 18	300	158	45	45	493	493	158	45	45	493	493	158	45	45	493	493
136A 21 18	300	159	42	42	683	683	159	42	42	683	683	159	42	42	683	683
145A 21 18	300	158	45	45	683	683	158	45	45	683	683	158	45	45	683	683
154A 21 18	300	153	50	50	683	693	151	50	50	683	693	150	55	55	683	693

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A 21 18	21	1- 1/4	36	124	124	11/16X16	7/16	0	1311	5110	1411
115A 21 18	21	1- 1/4	36	124	124	11/16X16	1/2	0	5110	1411	5110
124A 21 18	21	1- 1/4	36	124	124	5/8 X16	1/2	0	1411	5110	1411
136A 21 18	21	1- 1/4	36	124	124	3/4 X16	1/2	0	1411	5110	1411
145A 21 18	21	1- 1/4	36	124	125	13/16X16	1/2	0	5110	1411	5110
154A 21 18	21	1- 1/4	36	125	125	13/16X16	1/2	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A 21 18	20	1- 5/16	36	124	124	11/16X16	7/16	0	1311	5110	1411
115A 21 18	20	1- 5/16	36	124	124	11/16X16	1/2	0	5110	1411	5110
124A 21 18	20	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5110	1411
136A 21 18	20	1- 5/16	36	124	124	3/4 X16	1/2	0	1411	5110	1411
145A 21 18	20	1- 5/16	36	124	125	13/16X16	1/2	0	5110	1411	5110
154A 21 18	20	1- 5/16	36	125	125	13/16X16	1/2	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A 21 18	19	1- 5/16	36	124	124	11/16X16	7/16	0	1311	5110	1411
115A 21 18	19	1- 5/16	36	124	124	11/16X16	1/2	0	5110	1411	5110
124A 21 18	19	1- 5/16	36	124	124	5/8 X16	1/2	0	1411	5110	1411
136A 21 18	19	1- 5/16	36	124	124	3/4 X16	1/2	0	1411	5110	1411
145A 21 18	19	1- 5/16	36	124	125	13/16X16	1/2	0	5110	1411	5110
154A 21 18	19	1- 5/16	36	125	125	13/16X16	1/2	0	1411	5110	1311

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
206A 21 18	300	135	70	70	682	682	135	70	70	682	682	136	70	70	682	682
215A 21 18	300	141	60	60	682	682	143	60	60	682	662	144	55	55	682	682
224A 21 18	300	143	55	55	492	492	143	55	55	492	492	143	55	55	492	492
236A 21 18	300	143	55	55	492	492	143	55	55	492	492	143	55	55	492	492
245A 21 18	300	144	46	46	492	492	143	50	50	492	492	141	50	50	492	492
254A 21 18	300	136	60	60	682	682	135	60	60	682	682	135	60	60	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A 21 18	21	1- 1/4	50	124	124	3/4 X16	7/16	0	5110	1212	5110
215A 21 18	21	1- 1/4	42	124	124	3/4 X16	3/8	0	1212	5510	5110
224A 21 18	21	1- 1/4	42	123	123	9/16X16	3/8	0	1111	5110	1111
236A 21 18	21	1- 1/4	36	123	123	1/2 X16	3/8	0	1111	5110	1111
245A 21 18	21	1- 1/4	36	124	124	5/8 X16	3/8	0	5110	5310	1212
254A 21 18	21	1- 1/4	42	124	124	11/16X16	3/8	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A 21 18	20	1- 5/16	50	124	124	3/4 X16	7/16	0	5110	1212	5110
215A 21 18	20	1- 5/16	42	124	124	3/4 X16	3/8	0	1212	5510	5110
224A 21 18	20	1- 5/16	42	123	123	9/16X16	3/8	0	1111	5110	1111
236A 21 18	20	1- 5/16	36	123	123	1/2 X16	3/8	0	1111	5110	1111
245A 21 18	20	1- 5/16	36	124	124	5/8 X16	3/8	0	5110	5310	1212
254A 21 18	20	1- 5/16	42	124	124	11/16X16	3/8	0	5110	1212	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A 21 18	19	1- 5/16	50	124	124	3/4 X16	7/16	0	5110	1212	5110
215A 21 18	19	1- 5/16	42	124	124	3/4 X16	7/16	0	1212	5510	5110
224A 21 18	19	1- 5/16	42	123	123	9/16X16	3/8	0	1111	5110	1111
236A 21 18	19	1- 5/16	36	123	123	1/2 X16	3/8	0	1111	5110	1111
245A 21 18	19	1- 5/16	36	124	124	5/8 X16	3/8	0	5110	5310	1212
254A 21 18	19	1- 5/16	42	124	124	11/16X16	3/8	0	5110	1212	5110

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306A	21	18	300	150	46	46	683	683	151	45	45	683	683	153	45	45	683	683
315A	21	18	300	158	45	45	683	683	158	45	45	493	493	158	45	45	493	493
324A	21	18	300	158	46	46	493	493	158	46	46	493	493	158	46	46	493	493
336A	21	18	300	159	46	46	683	683	159	46	46	683	683	159	46	46	683	683
345A	21	18	300	158	50	50	683	683	158	50	50	683	683	158	50	50	683	683
354A	21	18	300	153	50	50	683	683	151	50	50	683	683	150	50	50	683	683

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A	21	18	21	1- 1/4	36	124	124	5/8 X16	7/16	0	1311	5110	1411
315A	21	18	21	1- 1/4	36	124	124	5/8 X16	1/2	0	5110	1411	5110
324A	21	18	21	1- 1/4	36	123	123	9/16X16	1/2	0	1411	5110	1411
336A	21	18	21	1- 1/4	36	124	124	11/16X16	1/2	0	1411	5110	1411
345A	21	18	21	1- 1/4	36	124	124	13/16X16	1/2	0	5110	1411	5110
354A	21	18	21	1- 1/4	36	125	125	3/4 X16	1/2	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A	21	18	20	1- 5/16	36	124	124	5/8 X16	7/16	0	1311	5110	1411
315A	21	18	20	1- 5/16	36	124	124	5/8 X16	1/2	0	5110	1411	5110
324A	21	18	20	1- 5/16	36	124	123	9/16X16	1/2	0	1411	5110	1411
336A	21	18	20	1- 5/16	36	124	124	11/16X16	1/2	0	1411	5110	1411
345A	21	18	20	1- 5/16	36	124	125	13/16X16	1/2	0	5110	1411	5110
354A	21	18	20	1- 5/16	36	125	125	13/16X16	1/2	0	1411	5110	1311

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A	21	18	19	1- 5/16	36	124	124	5/8 X16	7/16	0	1311	5110	1411
315A	21	18	19	1- 5/16	36	124	124	5/8 X16	1/2	0	5110	1411	5110
324A	21	18	19	1- 5/16	36	124	123	9/16X16	1/2	0	1411	5110	1411
336A	21	18	19	1- 5/16	36	124	124	3/4 X16	1/2	0	1411	5110	1411
345A	21	18	19	1- 5/16	36	124	125	13/16X16	1/2	0	5110	1411	5110
354A	21	18	19	1- 5/16	36	125	125	13/16X16	1/2	0	1411	5110	1311

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406A	21	18	300	135	65	65	682	682	135	65	65	682	682	136	60	60	682	682
415A	21	18	300	141	50	50	682	682	143	50	50	682	682	144	46	46	682	682
424A	21	18	300	143	50	50	492	492	143	50	50	492	492	143	55	55	492	492
436A	21	18	300	143	55	55	492	492	143	55	55	492	492	143	55	55	492	492
445A	21	18	300	144	55	55	492	492	143	60	60	492	492	141	60	60	492	682
454A	21	18	300	136	65	65	682	682	135	65	65	682	682	135	65	65	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	21	18	21	1- 1/4	42	124	124	3/4 X16	7/16	0	5110	1212	5110
415A	21	18	21	1- 1/4	36	124	124	11/16X16	3/8	0	1212	5510	5110
424A	21	18	21	1- 1/4	36	123	123	9/16X16	3/8	0	1111	5110	1111
436A	21	18	21	1- 1/4	42	123	123	9/16X16	3/8	0	1111	5110	1111
445A	21	18	21	1- 1/4	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A	21	18	21	1- 1/4	45	124	124	11/16X16	3/8	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	21	18	20	1- 5/16	42	124	124	3/4 X16	7/16	0	5110	1212	5110
415A	21	18	20	1- 5/16	36	124	124	11/16X16	3/8	0	1212	5510	5110
424A	21	18	20	1- 5/16	36	123	123	9/16X16	3/8	0	1111	5110	1111
436A	21	18	20	1- 5/16	42	123	123	9/16X16	3/8	0	1111	5110	1111
445A	21	18	20	1- 5/16	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A	21	18	20	1- 5/16	45	124	124	11/16X16	3/8	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	21	18	19	1- 5/16	42	124	124	3/4 X16	7/16	0	5110	1212	5110
415A	21	18	19	1- 5/16	36	124	124	11/16X16	3/8	0	1212	5510	5110
424A	21	18	19	1- 5/16	36	123	123	9/16X16	3/8	0	1111	5110	1111
436A	21	18	19	1- 5/16	42	123	123	9/16X16	3/8	0	1111	5110	1111
445A	21	18	19	1- 5/16	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A	21	18	19	1- 5/16	45	124	124	11/16X16	3/8	0	5110	1212	5110

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A 21 19	210	143	70	70	692	692	547	70	70	0	0	147	60	60	692	692
300A 21 19	210	143	65	65	692	692	547	65	65	0	0	147	60	60	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 21 19	21	1- 1/4	50	132	132	1- 1/16X16	1/2	3/8	5410	5010	1313
300A 21 19	21	1- 1/4	50	132	132	1- 1/16X16	1/2	3/8	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 21 19	20	1- 5/16	50	132	132	1- 1/16X16	9/16	3/8	5410	5010	1313
300A 21 19	20	1- 5/16	50	132	132	1- 1/16X16	1/2	3/8	5410	5010	1313

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

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
103A	22	19	300	141	60	60	682	692	144	55	55	682	682	147	50	50	682	682
112A	22	19	300	157	42	42	683	683	157	42	42	683	683	157	42	42	683	683
121A	22	19	300	157	42	42	493	493	157	42	42	493	493	157	42	42	493	493
130A	22	19	300	158	45	45	493	493	159	45	45	493	493	159	42	42	493	493
139A	22	19	300	159	42	42	683	683	159	42	42	683	683	159	42	42	683	683
148A	22	19	300	157	45	45	683	683	157	45	45	683	683	157	45	45	683	683
157A	22	19	300	147	55	55	682	682	144	60	60	682	682	141	65	65	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	22	19	22	1- 1/4	46	132	124	7/8 X16	7/16	0	5110	1311	5210
112A	22	19	22	1- 1/4	36	124	124	11/16X16	1/2	0	1511	5210	1411
121A	22	19	22	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5210
130A	22	19	22	1- 1/4	36	123	124	9/16X16	1/2	0	1411	5210	1411
139A	22	19	22	1- 1/4	36	124	124	3/4 X16	1/2	0	5210	1411	5210
148A	22	19	22	1- 1/4	36	125	125	13/16X16	1/2	0	1411	5210	1511
157A	22	19	22	1- 1/4	50	125	133	1 X16	1/2	3/8	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	22	19	21	1- 1/4	46	132	124	7/8 X16	7/16	0	5110	1311	5210
112A	22	19	21	1- 1/4	36	124	124	11/16X16	1/2	0	1511	5210	1411
121A	22	19	21	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5210
130A	22	19	21	1- 1/4	36	123	124	9/16X16	1/2	0	1411	5210	1411
139A	22	19	21	1- 1/4	36	124	124	3/4 X16	1/2	0	5210	1411	5210
148A	22	19	21	1- 1/4	36	125	125	7/8 X16	1/2	0	1411	5210	1511
157A	22	19	21	1- 1/4	50	125	133	1 X16	1/2	3/8	5210	1311	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	22	19	20	1- 5/16	46	132	124	7/8 X16	7/16	0	5110	1311	5210
112A	22	19	20	1- 5/16	36	124	124	11/16X16	1/2	0	1511	5210	1411
121A	22	19	20	1- 5/16	36	124	124	5/8 X16	1/2	0	5210	1411	5210
130A	22	19	20	1- 5/16	36	123	124	9/16X16	1/2	0	1411	5210	1411
139A	22	19	20	1- 5/16	36	124	124	3/4 X16	1/2	0	5210	1411	5210
148A	22	19	20	1- 5/16	36	125	125	7/8 X16	1/2	0	1411	5210	1511
157A	22	19	20	1- 5/16	50	125	133	1 X16	1/2	3/8	5210	1311	5110

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A	22	19	300	135	75	75	692	692	135	70	70	682	682	135	70	70	682	682
212A	22	19	300	136	70	70	682	682	138	65	65	682	682	138	65	65	682	682
221A	22	19	300	145	55	55	492	492	144	55	55	492	492	144	55	55	492	492
230A	22	19	300	143	55	55	492	492	143	55	55	492	492	143	55	55	492	492
239A	22	19	300	144	50	50	492	492	144	50	50	492	492	145	50	50	492	492
248A	22	19	300	138	55	55	492	492	138	55	55	492	492	136	55	55	492	492
257A	22	19	300	135	60	60	682	682	135	60	60	682	682	135	65	65	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	22	19	22	1- 1/4	60	133	124	7/8 X16	1/2	5/16	1013	5210	5010
212A	22	19	22	1- 1/4	45	124	124	3/4 X16	3/8	0	5210	5010	5210
221A	22	19	22	1- 1/4	42	124	123	5/8 X16	3/8	0	5210	1111	5210
230A	22	19	22	1- 1/4	42	123	123	7/16X16	3/8	0	1111	5210	1111
239A	22	19	22	1- 1/4	36	123	123	9/16X16	3/8	0	5210	1111	5210
248A	22	19	22	1- 1/4	42	124	124	5/8 X16	3/8	0	5210	5010	5210
257A	22	19	22	1- 1/4	50	124	132	3/4 X16	7/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	22	19	21	1- 1/4	60	133	124	15/16X16	1/2	5/16	1013	5210	5010
212A	22	19	21	1- 1/4	46	124	124	3/4 X16	3/8	0	5210	5010	5210
221A	22	19	21	1- 1/4	42	124	123	5/8 X16	3/8	0	5210	1111	5210
230A	22	19	21	1- 1/4	42	123	123	7/16X16	3/8	0	1111	5210	1111
239A	22	19	21	1- 1/4	36	123	123	9/16X16	3/8	0	5210	1111	5210
248A	22	19	21	1- 1/4	42	124	124	5/8 X16	3/8	0	5210	5010	5210
257A	22	19	21	1- 1/4	55	124	132	13/16X16	7/16	0	5010	5210	1013

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	22	19	20	1- 5/16	60	133	124	15/16X16	1/2	5/16	1013	5210	5010
212A	22	19	20	1- 5/16	46	124	124	3/4 X16	7/16	0	5210	5010	5210
221A	22	19	20	1- 5/16	42	124	123	5/8 X16	3/8	0	5210	1111	5210
230A	22	19	20	1- 5/16	42	123	123	7/16X16	3/8	0	1111	5210	1111
239A	22	19	20	1- 5/16	36	123	123	9/16X16	3/8	0	5210	1111	5210
248A	22	19	20	1- 5/16	42	124	124	5/8 X16	3/8	0	5210	5010	5210
257A	22	19	20	1- 5/16	55	124	132	13/16X16	7/16	0	5010	5210	1013

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A 22 19	300	141	60	60	682	682	144	50	50	682	682	147	50	50	682	682
312A 22 19	300	157	45	45	683	683	157	45	45	683	683	157	45	45	683	683
321A 22 19	300	157	45	45	493	493	157	45	45	493	493	157	45	45	493	493
330A 22 19	300	158	46	46	493	493	159	46	46	493	493	159	46	46	493	493
339A 22 19	300	159	50	50	683	683	159	50	50	683	683	159	50	50	683	683
348A 22 19	300	157	46	46	683	683	157	46	46	683	683	157	46	46	683	683
357A 22 19	300	147	50	50	682	682	144	55	55	662	682	141	60	60	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 22 19	22	1- 1/4	42	132	124	13/16X16	7/16	0	5110	1311	5210
312A 22 19	22	1- 1/4	36	124	124	11/16X16	1/2	0	1511	5210	1411
321A 22 19	22	1- 1/4	36	124	123	9/16X16	1/2	0	5210	1411	5210
330A 22 19	22	1- 1/4	36	123	124	9/16X16	1/2	0	1411	5210	1411
339A 22 19	22	1- 1/4	36	124	124	3/4 X16	1/2	0	5210	1411	5210
348A 22 19	22	1- 1/4	36	124	125	13/16X16	1/2	0	1411	5210	1511
357A 22 19	22	1- 1/4	46	125	133	15/16X16	1/2	3/8	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 22 19	21	1- 1/4	45	132	124	13/16X16	7/16	0	5110	1311	5210
312A 22 19	21	1- 1/4	36	124	124	11/16X16	1/2	0	1511	5210	1411
321A 22 19	21	1- 1/4	36	124	123	9/16X16	1/2	0	5210	1411	5210
330A 22 19	21	1- 1/4	36	123	124	9/16X16	1/2	0	1411	5210	1411
339A 22 19	21	1-,1/4	36	124	124	3/4 X16	1/2	0	5210	1411	5210
348A 22 19	21	1- 1/4	36	124	125	13/16X16	1/2	0	1411	5210	1511
357A 22 19	21	1- 1/4	46	125	133	15/16X16	1/2	3/8	5210	1311	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 22 19	20	1- 5/16	45	132	124	13/16X16	7/16	0	5110	1311	5210
312A 22 19	20	1- 5/16	36	124	124	11/16X16	1/2	0	1511	5210	1411
321A 22 19	20	1- 5/16	36	124	124	9/16X16	1/2	0	5210	1411	5210
330A 22 19	20	1- 5/16	36	123	124	9/16X16	1/2	0	1411	5210	1411
339A 22 19	20	1- 5/16	36	124	124	3/4 X16	1/2	0	5210	1411	5210
348A 22 19	20	1- 5/16	36	125	125	13/16X16	1/2	0	1411	5210	1511
357A 22 19	20	1- 5/16	46	125	133	15/16X16	1/2	3/8	5210	1311	5110

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

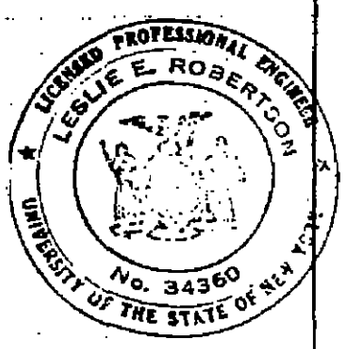
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
403A	22	19	300	135	70	70	692	692	135	65	65	682	682	135	65	65	682	682
412A	22	19	300	136	60	60	682	682	138	55	55	682	682	138	55	55	682	682
421A	22	19	300	145	50	50	492	492	144	50	50	492	492	144	50	50	492	492
430A	22	19	300	143	55	55	492	492	143	55	55	492	492	143	55	55	492	492
439A	22	19	300	144	55	55	492	492	144	55	55	492	492	145	55	55	492	492
448A	22	19	300	138	60	60	682	682	138	65	65	682	682	136	65	65	682	682
457A	22	19	300	135	65	65	682	682	135	65	65	682	682	135	70	70	682	692

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	22	19	22	1- 1/4	55	133	124	7/8 X16	1/2	5/16	1013	5210	5010
412A	22	19	22	1- 1/4	42	124	124	11/16X16	3/8	0	5210	5010	5210
421A	22	19	22	1- 1/4	36	124	123	5/8 X16	3/8	0	5210	1111	5210
430A	22	19	22	1- 1/4	36	123	123	1/2 X16	3/8	0	1111	5210	1111
439A	22	19	22	1- 1/4	42	123	123	5/8 X16	3/8	0	5210	1111	5210
448A	22	19	22	1- 1/4	45	124	124	11/16X16	3/8	0	5210	5010	5210
457A	22	19	22	1- 1/4	55	124	132	13/16X16	7/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	22	19	21	1- 1/4	55	133	124	7/8 X16	1/2	5/16	1013	5210	5010
412A	22	19	21	1- 1/4	42	124	124	11/16X16	3/8	0	5210	5010	5210
421A	22	19	21	1- 1/4	36	124	123	5/8 X16	3/8	0	5210	1111	5210
430A	22	19	21	1- 1/4	36	123	123	1/2 X16	3/8	0	1111	5210	1111
439A	22	19	21	1- 1/4	42	123	123	5/8 X16	3/8	0	5210	1111	5210
448A	22	19	21	1- 1/4	45	124	124	11/16X16	3/8	0	5210	5010	5210
457A	22	19	21	1- 1/4	55	124	132	13/16X16	7/16	0	5010	5210	1013



PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	22	19	20	1- 5/16	55	133	124	7/8 X16	1/2	5/16	1013	5210	5010
412A	22	19	20	1- 5/16	42	124	124	3/4 X16	3/8	0	5210	5010	5210
421A	22	19	20	1- 5/16	36	124	123	5/8 X16	3/8	0	5210	1111	5210
430A	22	19	20	1- 5/16	36	123	123	1/2 X16	3/8	0	1111	5210	1111
439A	22	19	20	1- 5/16	36	123	124	5/8 X16	3/8	0	5210	1111	5210
448A	22	19	20	1- 5/16	45	124	124	11/16X16	3/8	0	5210	5010	5210
457A	22	19	20	1- 5/16	55	124	132	13/16X16	7/16	0	5010	5210	1013

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A 22 20	210	147	65	65	692	692	547	75	75	0	0	142	75	75	692	692
400A 22 20	210	147	60	60	692	692	547	65	65	0	0	142	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 22 20	22	1- 1/4	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610
400A 22 20	22	1- 1/4	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 22 20	21	1- 1/4	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610
400A 22 20	21	1- 1/4	50	133	133	1- 3/16X16	9/16	3/8	1313	5010	5610

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

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

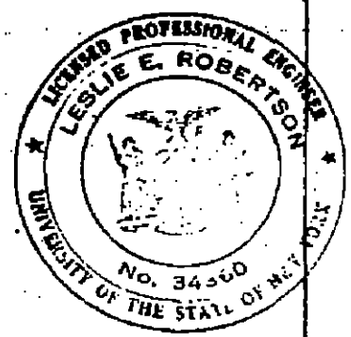
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
109A	23	20	300	153	45	45	683	683	155	45	45	683	683	156	45	45	683	683
118A	23	20	300	156	42	42	683	683	156	42	42	493	493	156	42	42	493	493
127A	23	20	300	156	45	45	493	493	156	45	45	493	493	157	45	45	493	493
133A	23	20	300	159	42	42	493	493	159	42	42	493	493	159	42	42	683	683
142A	23	20	300	158	42	42	683	683	157	42	42	683	683	156	45	45	683	683
151A	23	20	300	156	46	46	683	683	155	50	50	683	683	153	50	50	683	683

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	23	20	23	1- 1/4	36	124	124	11/16X16	1/2	0	5210	1411	5210
118A	23	20	23	1- 1/4	36	124	124	5/8 X16	1/2	0	1411	5210	1411
127A	23	20	23	1- 1/4	36	123	123	9/16X16	1/2	0	5110	1411	5210
133A	23	20	23	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5110
142A	23	20	23	1- 1/4	36	124	124	3/4 X16	1/2	0	1411	5210	1411
151A	23	20	23	1- 1/4	36	125	125	13/16X16	1/2	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	23	20	22	1- 1/4	36	124	124	11/16X16	1/2	0	5210	1411	5210
118A	23	20	22	1- 1/4	36	124	124	5/8 X16	1/2	0	1411	5210	1411
127A	23	20	22	1- 1/4	36	124	123	9/16X16	1/2	0	5110	1411	5210
133A	23	20	22	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5110
142A	23	20	22	1- 1/4	36	124	124	13/16X16	1/2	0	1411	5210	1411
151A	23	20	22	1- 1/4	36	125	125	13/16X16	1/2	0	5210	1411	5210



PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	23	20	21	1- 1/4	36	124	124	11/16X16	1/2	0	5210	1411	5210
118A	23	20	21	1- 1/4	36	124	124	5/8 X16	1/2	0	1411	5210	1411
127A	23	20	21	1- 1/4	36	124	123	9/16X16	1/2	0	5110	1411	5210
133A	23	20	21	1- 1/4	36	124	124	11/16X16	1/2	0	5210	1411	5110
142A	23	20	21	1- 1/4	36	124	124	13/16X16	1/2	0	1411	5210	1411
151A	23	20	21	1- 1/4	36	125	125	13/16X16	1/2	0	5210	1411	5210

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
209A	23	20	300	135	70	70	682	682	136	70	70	682	682	136	70	70	682	682
218A	23	20	300	144	55	55	492	682	144	55	55	492	492	144	55	55	492	492
227A	23	20	300	142	55	55	492	492	142	55	55	492	492	142	55	55	492	492
233A	23	20	300	142	55	55	492	492	142	55	55	492	492	142	55	55	492	492
242A	23	20	300	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
251A	23	20	300	136	60	60	492	682	136	60	60	492	682	135	60	60	492	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A	23	20	23	1- 1/4	46	124	124	3/4 X16	7/16	0	5010	5210	1212
218A	23	20	23	1- 1/4	42	124	124	11/16X16	3/8	0	1611	5210	1111
227A	23	20	23	1- 1/4	42	123	123	1/2 X16	3/8	0	5110	1111	5210
233A	23	20	23	1- 1/4	42	123	123	7/16X16	3/8	0	5210	1111	5110
242A	23	20	23	1- 1/4	36	123	123	5/8 X16	3/8	0	1111	5210	1611
251A	23	20	23	1- 1/4	42	124	124	5/8 X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A	23	20	22	1- 1/4	46	124	124	3/4 X16	7/16	0	5010	5210	1212
218A	23	20	22	1- 1/4	42	124	124	11/16X16	3/8	0	1611	5210	1111
227A	23	20	22	1- 1/4	42	123	123	1/2 X16	3/8	0	5110	1111	5210
233A	23	20	22	1- 1/4	36	123	123	1/2 X16	3/8	0	5210	1111	5110
242A	23	20	22	1- 1/4	36	123	123	5/8 X16	3/8	0	1111	5210	1611
251A	23	20	22	1- 1/4	42	124	124	5/8 X16	3/8	0	1212	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A	23	20	21	1- 1/4	50	124	124	3/4 X16	7/16	0	5010	5210	1212
218A	23	20	21	1- 1/4	42	124	124	11/16X16	3/8	0	1611	5210	1111
227A	23	20	21	1- 1/4	42	123	123	1/2 X16	3/8	0	5110	1111	5210
233A	23	20	21	1- 1/4	42	123	123	1/2 X16	3/8	0	5210	1111	5110
242A	23	20	21	1- 1/4	36	123	124	5/8 X16	3/8	0	1111	5210	1611
251A	23	20	21	1- 1/4	42	124	124	5/8 X16	3/8	0	1212	5210	5010

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
309A	23	20	300	153	45	45	683	683	155	45	45	683	683	156	45	45	683	683
318A	23	20	300	156	45	45	493	493	156	45	45	493	493	156	45	45	493	493
327A	23	20	300	156	46	46	493	493	156	46	46	493	493	157	46	46	493	493
333A	23	20	300	159	50	50	493	493	159	50	50	493	493	159	50	50	683	683
342A	23	20	300	158	50	50	683	683	157	50	50	683	683	156	50	50	683	683
351A	23	20	300	156	50	50	683	683	155	50	50	683	683	153	50	50	683	683

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	23	20	23	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5210
318A	23	20	23	1- 1/4	36	124	124	9/16X16	1/2	0	1411	5210	1411
327A	23	20	23	1- 1/4	36	123	123	1/2 X15	1/2	0	5110	1411	5210
333A	23	20	23	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5110
342A	23	20	23	1- 1/4	36	124	124	3/4 X16	1/2	0	1411	5210	1411
351A	23	20	23	1- 1/4	36	125	125	13/16X16	1/2	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	23	20	22	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5210
318A	23	20	22	1- 1/4	36	124	124	5/8 X16	1/2	0	1411	5210	1411
327A	23	20	22	1- 1/4	36	123	123	1/2 X16	1/2	0	5110	1411	5210
333A	23	20	22	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5110
342A	23	20	22	1- 1/4	36	124	124	3/4 X16	1/2	0	1411	5210	1411
351A	23	20	22	1- 1/4	36	125	125	13/16X16	1/2	0	5210	1411	5210

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	23	20	21	1- 1/4	36	124	124	11/16X16	1/2	0	5210	1411	5210
318A	23	20	21	1- 1/4	36	124	124	5/8 X16	1/2	0	1411	5210	1411
327A	23	20	21	1- 1/4	36	123	123	1/2 X16	1/2	0	5110	1411	5210
333A	23	20	21	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5110
342A	23	20	21	1- 1/4	36	124	124	3/4 X16	1/2	0	1411	5210	1411
351A	23	20	21	1- 1/4	36	125	125	13/16X16	1/2	0	5210	1411	5210

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
409A	23	20	300	135	60	60	682	682	136	60	60	682	682	136	60	60	682	682
418A	23	20	300	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
427A	23	20	300	142	55	55	492	492	142	55	55	492	492	142	55	55	492	492
433A	23	20	300	142	55	55	492	492	142	55	55	492	492	142	55	55	492	492
442A	23	20	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
451A	23	20	300	136	65	65	682	682	136	65	65	682	682	135	65	65	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	23	20	23	1- 1/4	42	124	124	3/4 X16	7/16	0	5010	5210	1212
418A	23	20	23	1- 1/4	36	124	124	11/16X16	3/8	0	1611	5210	1111
427A	23	20	23	1- 1/4	36	123	123	1/2 X16	3/8	0	5110	1111	5210
433A	23	20	23	1- 1/4	42	123	123	1/2 X16	3/8	0	5210	1111	5110
442A	23	20	23	1- 1/4	42	123	124	5/8 X16	3/8	0	1111	5210	1611
451A	23	20	23	1- 1/4	45	124	124	11/16X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	23	20	22	1- 1/4	42	124	124	3/4 X16	7/16	0	5010	5210	1212
418A	23	20	22	1- 1/4	36	124	124	11/16X16	3/8	0	1611	5210	1111
427A	23	20	22	1- 1/4	36	123	123	1/2 X16	3/8	0	5110	1111	5210
433A	23	20	22	1- 1/4	42	123	123	1/2 X16	3/8	0	5210	1111	5110
442A	23	20	22	1- 1/4	42	123	124	5/8 X16	3/8	0	1111	5210	1611
451A	23	20	22	1- 1/4	45	124	124	11/16X16	3/8	0	1212	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	23	20	21	1- 1/4	42	124	124	3/4 X16	7/16	0	5010	5210	1212
418A	23	20	21	1- 1/4	36	124	124	11/16X16	3/8	0	1611	5210	1111
427A	23	20	21	1- 1/4	36	123	123	1/2 X16	3/8	0	5110	1111	5210
433A	23	20	21	1- 1/4	42	123	123	1/2 X16	3/8	0	5210	1111	5110
442A	23	20	21	1- 1/4	42	123	124	5/8 X16	3/8	0	1111	5210	1611
451A	23	20	21	1- 1/4	45	124	124	11/16X16	3/8	0	1212	5210	5010

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A 23	21	210	142	70	70	692	692	547	70	70	0	0	147	65	65	692	692
300A 23	21	210	142	65	65	692	692	547	65	65	0	0	147	60	60	692	692

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 23	21	23	1- 1/4	50	132	132	1- 1/16X16	1/2	3/8	5410	5010	1313
300A 23	21	23	1- 1/4	50	132	132	1 X16	1/2	3/8	5410	5010	1313

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 23	21	22	1- 1/4	50	132	132	1- 1/16X16	1/2	3/8	5410	5010	1313
300A 23	21	22	1- 1/4	50	132	132	1 X16	1/2	3/8	5410	5010	1313

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

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106A	24	21	300	149	50	50	682	683	150	46	46	683	683	152	45	45	683	683
115A	24	21	300	156	42	42	683	683	156	42	42	683	683	156	42	42	683	683
124A	24	21	300	156	45	45	493	493	156	45	45	493	493	156	45	45	493	493
136A	24	21	300	158	42	42	683	683	158	42	42	683	683	158	42	42	683	683
145A	24	21	300	156	45	45	683	683	156	45	45	683	683	156	45	45	683	683
154A	24	21	300	152	50	50	683	683	150	50	50	683	683	149	55	55	682	683

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	24	21	24	1- 1/4	36	124	124	11/16X16	7/16	0	1311	5110	1411
115A	24	21	24	1- 1/4	36	124	124	11/16X16	1/2	0	5110	1411	5110
124A	24	21	24	1- 1/4	36	124	123	9/16X16	1/2	0	1411	5110	1411
136A	24	21	24	1- 1/4	36	124	124	11/16X16	1/2	0	1411	5110	1411
145A	24	21	24	1- 1/4	36	124	125	13/16X16	1/2	0	5110	1411	5110
154A	24	21	24	1- 1/4	36	125	125	13/16X16	1/2	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	24	21	23	1- 1/4	36	124	124	11/16X16	7/16	0	1311	5110	1411
115A	24	21	23	1- 1/4	36	124	124	11/16X16	1/2	0	5110	1411	5110
124A	24	21	23	1- 1/4	36	124	123	9/16X16	1/2	0	1411	5110	1411
136A	24	21	23	1- 1/4	36	124	124	11/16X16	1/2	0	1411	5110	1411
145A	24	21	23	1- 1/4	36	124	125	13/16X16	1/2	0	5110	1411	5110
154A	24	21	23	1- 1/4	36	125	125	13/16X16	1/2	0	1411	5110	1311

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	24	21	22	1- 1/4	36	124	124	11/16X16	7/16	0	1311	5110	1411
115A	24	21	22	1- 1/4	36	124	124	11/16X16	1/2	0	5110	1411	5110
124A	24	21	22	1- 1/4	36	124	124	9/16X16	1/2	0	1411	5110	1411
136A	24	21	22	1- 1/4	36	124	124	11/16X16	1/2	0	1411	5110	1411
145A	24	21	22	1- 1/4	36	124	125	13/16X16	1/2	0	5110	1411	5110
154A	24	21	22	1- 1/4	36	125	125	13/16X16	1/2	0	1411	5110	1311

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WORTHINGTON Spandrel 477 other - 470 : JACKSON Civil & Structural Engineers

PROJECT THE WORLD

TITLE EXTERIOR WALL PANEL SCHEDULE

DATE 6-5-67

REVISIONS

PANEL NUMBER						COLUMN 1			COLUMN 2					COLUMN 3				
						FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206A	24	21	300	135	70	70	682	682	135	70	70	682	682	135	70	70	682	682
215A	24	21	300	140	65	65	682	682	142	60	60	682	682	144	60	60	682	682
224A	24	21	300	142	60	60	492	492	142	55	55	492	492	142	55	55	492	492
236A	24	21	300	142	55	55	492	492	142	55	55	492	492	142	55	55	492	492
245A	24	21	300	144	46	46	492	492	142	50	50	492	492	140	50	50	492	492
254A	24	21	300	135	60	60	682	682	135	60	60	682	682	135	60	60	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206A	24	21	24	1- 1/4	46	124	124	3/4 X16	7/16	0	5110	1212	5110
215A	24	21	24	1- 1/4	42	124	124	11/16X16	3/8	0	1212	5510	5110
224A	24	21	24	1- 1/4	42	123	123	9/16X16	3/8	0	1111	5110	1111
236A	24	21	24	1- 1/4	36	123	123	1/2 X16	3/8	0	1111	5110	1111
245A	24	21	24	1- 1/4	36	123	124	5/8 X16	3/8	0	5110	5310	1212
254A	24	21	24	1- 1/4	42	124	124	5/8 X16	3/8	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206A	24	21	23	1- 1/4	46	124	124	3/4 X16	7/16	0	5110	1212	5110
215A	24	21	23	1- 1/4	42	124	124	11/16X16	3/8	0	1212	5510	5110
224A	24	21	23	1- 1/4	42	123	123	9/16X16	3/8	0	1111	5110	1111
236A	24	21	23	1- 1/4	36	123	123	1/2 X16	3/8	0	1111	5110	1111
245A	24	21	23	1- 1/4	36	123	124	5/8 X16	3/8	0	5110	5310	1212
254A	24	21	23	1- 1/4	42	124	124	5/8 X16	3/8	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206A	24	21	22	1- 1/4	46	124	124	3/4 X16	7/16	0	5110	1212	5110
215A	24	21	22	1- 1/4	42	124	124	11/16X16	3/8	0	1212	5510	5110
224A	24	21	22	1- 1/4	42	123	123	9/16X16	3/8	0	1111	5110	1111
236A	24	21	22	1- 1/4	36	123	123	1/2 X16	3/8	0	1111	5110	1111
245A	24	21	22	1- 1/4	36	123	124	5/8 X16	3/8	0	5110	5310	1212
254A	24	21	22	1- 1/4	42	124	124	5/8 X16	3/8	0	5110	1212	5110

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306A 24 21	300	149	46	46	682	683	150	45	45	683	683	152	45	45	683	683
315A 24 21	300	156	45	45	493	683	156	45	45	493	493	156	45	45	493	493
324A 24 21	300	156	46	46	493	493	156	46	46	493	493	156	46	46	493	493
336A 24 21	300	158	50	50	683	683	158	50	50	683	683	158	50	50	683	683
345A 24 21	300	156	50	50	683	683	156	50	50	683	683	156	50	50	683	683
354A 24 21	300	152	50	50	683	683	150	50	50	683	683	149	50	50	682	683

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A 24 21	24	1- 1/4	36	124	124	5/8 X16	7/16	0	1311	5110	1411
315A 24 21	24	1- 1/4	36	124	124	5/8 X16	1/2	0	5110	1411	5110
324A 24 21	24	1- 1/4	36	123	123	1/2 X16	1/2	0	1411	5110	1411
336A 24 21	24	1- 1/4	36	124	124	11/16X16	1/2	0	1411	5110	1411
345A 24 21	24	1- 1/4	36	124	124	13/16X16	1/2	0	5110	1411	5110
354A 24 21	24	1- 1/4	36	125	124	3/4 X16	7/16	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A 24 21	23	1- 1/4	36	124	124	5/8 X16	7/16	0	1311	5110	1411
315A 24 21	23	1- 1/4	36	124	124	5/8 X16	1/2	0	5110	1411	5110
324A 24 21	23	1- 1/4	36	123	123	9/16X16	1/2	0	1411	5110	1411
336A 24 21	23	1- 1/4	36	124	124	11/16X16	1/2	0	1411	5110	1411
345A 24 21	23	1- 1/4	36	124	125	13/16X16	1/2	0	5110	1411	5110
354A 24 21	23	1- 1/4	36	125	125	3/4 X16	1/2	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A 24 21	22	1- 1/4	36	124	124	5/8 X16	7/16	0	1311	5110	1411
315A 24 21	22	1- 1/4	36	124	124	5/8 X16	1/2	0	5110	1411	5110
324A 24 21	22	1- 1/4	36	123	123	9/16X16	1/2	0	1411	5110	1411
336A 24 21	22	1- 1/4	36	124	124	11/16X16	1/2	0	1411	5110	1411
345A 24 21	22	1- 1/4	36	124	124	13/16X16	1/2	0	5110	1411	5110
354A 24 21	22	1- 1/4	36	125	125	3/4 X16	1/2	0	1411	5110	1311

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406A 24 21	300	135	60	60	682	682	135	60	60	682	682	135	60	60	682	682
415A 24 21	300	140	50	50	682	682	142	50	50	492	682	144	50	50	492	682
424A 24 21	300	142	50	50	492	492	142	55	55	492	492	142	55	55	492	492
436A 24 21	300	142	55	55	492	492	142	55	55	492	492	142	55	55	492	492
445A 24 21	300	144	55	55	492	492	142	60	60	492	492	140	60	60	492	492
454A 24 21	300	135	65	65	682	682	135	65	65	682	682	135	65	65	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
406A 24 21	24	1- 1/4	42	124	124	3/4 X16	7/16	0	5110	1212	5110
415A 24 21	24	1- 1/4	36	124	124	11/16X16	3/8	0	1212	5510	5110
424A 24 21	24	1- 1/4	36	123	123	9/16X16	3/8	0	1111	5110	1111
436A 24 21	24	1- 1/4	42	123	123	9/16X16	3/8	0	1111	5110	1111
445A 24 21	24	1- 1/4	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A 24 21	24	1- 1/4	45	124	124	11/16X16	3/8	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
406A 24 21	23	1- 1/4	42	124	124	3/4 X16	7/16	0	5110	1212	5110
415A 24 21	23	1- 1/4	36	124	124	11/16X16	3/8	0	1212	5510	5110
424A 24 21	23	1- 1/4	36	123	123	9/16X16	3/8	0	1111	5110	1111
436A 24 21	23	1- 1/4	42	123	123	9/16X16	3/8	0	1111	5110	1111
445A 24 21	23	1- 1/4	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A 24 21	23	1- 1/4	45	124	124	11/16X16	3/8	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
406A 24 21	22	1- 1/4	42	124	124	3/4 X16	7/16	0	5110	1212	5110
415A 24 21	22	1- 1/4	36	124	124	11/16X16	3/8	0	1212	5510	5110
424A 24 21	22	1- 1/4	36	123	123	9/16X16	3/8	0	1111	5110	1111
436A 24 21	22	1- 1/4	42	123	123	9/16X16	3/8	0	1111	5110	1111
445A 24 21	22	1- 1/4	42	124	124	11/16X16	3/8	0	5110	5310	1212
454A 24 21	22	1- 1/4	45	124	124	11/16X16	3/8	0	5110	1212	5110

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

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A 24 22	210	146	65	65	692	692	546	75	75	0	0	141	75	75	692	692
400A 24 22	210	146	60	60	692	692	546	65	65	0	0	141	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 24 22	24	1- 1/4	50	133	133	1- 1/8 X16	9/16	3/8	1313	5010	5610
400A 24 22	24	1- 1/4	50	133	133	1- 1/8 X16	9/16	3/8	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 24 22	23	1- 1/4	50	133	133	1- 1/8 X16	9/16	3/8	1313	5010	5610
400A 24 22	23	1- 1/4	50	133	133	1- 1/8 X16	9/16	3/8	1313	5010	5610

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

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A	25	22	300	140	60	60	682	682	143	55	55	682	682	146	50	50	682	682
112A	25	22	300	156	42	42	683	683	156	42	42	683	683	156	42	42	683	683
121A	25	22	300	156	42	42	493	493	156	42	42	493	493	156	45	45	493	493
130A	25	22	300	156	45	45	493	493	157	45	45	493	493	157	45	45	493	493
139A	25	22	300	157	42	42	683	683	157	42	42	683	683	157	42	42	683	683
148A	25	22	300	156	45	45	683	683	156	45	45	683	683	156	45	45	683	683
157A	25	22	300	146	55	55	682	682	143	60	60	682	682	140	65	65	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A	25	22	25	1- 1/4	50	132	124	7/8 X16	7/16	0	5110	2310	5210
112A	25	22	25	1- 1/4	36	124	124	11/16X16	1/2	0	2510	5210	2410
121A	25	22	25	1- 1/4	36	124	123	9/16X16	1/2	0	5210	2410	5210
130A	25	22	25	1- 1/4	36	123	124	9/16X16	1/2	0	2410	5210	2410
139A	25	22	25	1- 1/4	36	124	124	3/4 X16	1/2	0	5210	2410	5210
148A	25	22	25	1- 1/4	36	124	125	13/16X16	1/2	0	2410	5210	2510
157A	25	22	25	1- 1/4	55	125	133	15/16X16	1/2	5/16	5210	2310	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A	25	22	24	1- 1/4	50	132	124	7/8 X16	7/16	0	5110	1311	5210
112A	25	22	24	1- 1/4	36	124	124	11/16X16	1/2	0	1511	5210	1411
121A	25	22	24	1- 1/4	36	124	124	9/16X16	1/2	0	5210	1411	5210
130A	25	22	24	1- 1/4	36	123	124	9/16X16	1/2	0	1411	5210	1411
139A	25	22	24	1- 1/4	36	124	124	3/4 X16	1/2	0	5210	1411	5210
148A	25	22	24	1- 1/4	36	125	125	13/16X16	1/2	0	1411	5210	1511
157A	25	22	24	1- 1/4	55	125	133	15/16X16	1/2	5/16	5210	1311	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A	25	22	23	1- 1/4	50	132	124	7/8 X16	7/16	0	5110	1311	5210
112A	25	22	23	1- 1/4	36	124	124	11/16X16	1/2	0	1511	5210	1411
121A	25	22	23	1- 1/4	36	124	124	9/16X16	1/2	0	5210	1411	5210
130A	25	22	23	1- 1/4	36	123	124	9/16X16	1/2	0	1411	5210	1411
139A	25	22	23	1- 1/4	36	124	124	3/4 X16	1/2	0	5210	1411	5210
148A	25	22	23	1- 1/4	36	125	125	13/16X16	1/2	0	1411	5210	1511
157A	25	22	23	1- 1/4	55	125	133	15/16X16	1/2	5/16	5210	1311	5110

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
203A	25	22	300	134	80	80	692	692	135	75	75	682	682	135	75	75	682	682
212A	25	22	300	135	70	70	682	682	137	65	65	682	682	138	65	65	682	682
221A	25	22	300	144	55	55	492	492	144	55	55	492	492	143	55	55	492	492
230A	25	22	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
239A	25	22	300	143	50	50	492	492	144	50	50	492	492	144	50	50	492	492
248A	25	22	300	138	55	55	492	492	137	55	55	492	492	135	60	60	492	492
257A	25	22	300	135	65	65	682	682	135	65	65	682	682	134	70	70	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203A	25	22	25	1- 1/4	60	133	124	7/8 X16	7/16	0	2010	5210	5010
212A	25	22	25	1- 1/4	46	124	124	11/16X16	3/8	0	5210	5010	5210
221A	25	22	25	1- 1/4	42	124	123	5/8 X16	3/8	0	5210	2110	5210
230A	25	22	25	1- 1/4	42	123	123	7/16X16	3/8	0	2110	5210	2110
239A	25	22	25	1- 1/4	36	123	123	9/16X16	3/8	0	5210	2110	5210
248A	25	22	25	1- 1/4	42	124	124	5/8 X16	3/8	0	5210	5010	5210
257A	25	22	25	1- 1/4	55	124	132	3/4 X16	7/16	0	5010	5210	2010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203A	25	22	24	1- 1/4	60	133	124	7/8 X16	7/16	0	1013	5210	5010
212A	25	22	24	1- 1/4	46	124	124	11/16X16	3/8	0	5210	5010	5210
221A	25	22	24	1- 1/4	42	124	123	5/8 X16	3/8	0	5210	1111	5210
230A	25	22	24	1- 1/4	42	123	123	7/16X16	3/8	0	1111	5210	1111
239A	25	22	24	1- 1/4	36	123	123	9/16X16	3/8	0	5210	1111	5210
248A	25	22	24	1- 1/4	42	124	124	5/8 X16	3/8	0	5210	5010	5210
257A	25	22	24	1- 1/4	55	124	132	3/4 X16	7/16	0	5010	5210	1013

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203A	25	22	23	1- 1/4	65	133	124	7/8 X16	7/16	0	1013	5210	5010
212A	25	22	23	1- 1/4	46	124	124	11/16X16	3/8	0	5210	5010	5210
221A	25	22	23	1- 1/4	42	124	123	5/8 X16	3/8	0	5210	1111	5210
230A	25	22	23	1- 1/4	42	123	123	7/16X16	3/8	0	1111	5210	1111
239A	25	22	23	1- 1/4	36	123	123	9/16X16	3/8	0	5210	1111	5210
248A	25	22	23	1- 1/4	42	124	124	5/8 X16	3/8	0	5210	5010	5210
257A	25	22	23	1- 1/4	55	124	132	3/4 X16	7/16	0	5010	5210	1013

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A 25 22	300	140	60	60	682	682	143	50	50	682	682	146	50	50	682	682
312A 25 22	300	156	45	45	683	683	156	45	45	493	683	156	45	45	493	683
321A 25 22	300	156	45	45	493	493	156	45	45	493	493	156	45	45	493	493
330A 25 22	300	156	50	50	493	493	157	46	46	493	493	157	50	50	493	493
339A 25 22	300	157	50	50	683	683	157	50	50	683	683	157	50	50	683	683
348A 25 22	300	156	50	50	683	683	156	50	50	683	683	156	50	50	683	683
357A 25 22	300	146	55	55	682	682	143	55	55	682	682	140	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A 25 22	25	1- 1/4	45	132	124	13/16X16	7/16	0	5110	2310	5210
312A 25 22	25	1- 1/4	36	124	124	5/8 X16	1/2	0	2510	5210	2410
321A 25 22	25	1- 1/4	36	123	123	9/16X16	1/2	0	5210	2410	5210
330A 25 22	25	1- 1/4	36	123	124	9/16X16	1/2	0	2410	5210	2410
339A 25 22	25	1- 1/4	36	124	124	3/4 X16	1/2	0	5210	2410	5210
348A 25 22	25	1- 1/4	36	124	124	13/16X16	1/2	0	2410	5210	2510
357A 25 22	25	1- 1/4	50	124	133	15/16X16	1/2	5/16	5210	2310	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A 25 22	24	1- 1/4	45	132	124	13/16X16	7/16	0	5110	1311	5210
312A 25 22	24	1- 1/4	36	124	124	5/8 X16	1/2	0	1511	5210	1411
321A 25 22	24	1- 1/4	36	123	123	9/16X16	1/2	0	5210	1411	5210
330A 25 22	24	1- 1/4	36	123	124	9/16X16	1/2	0	1411	5210	1411
339A 25 22	24	1- 1/4	36	124	124	3/4 X16	1/2	0	5210	1411	5210
348A 25 22	24	1- 1/4	36	124	124	13/16X16	1/2	0	1411	5210	1511
357A 25 22	24	1- 1/4	50	124	133	15/16X16	1/2	5/16	5210	1311	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A 25 22	23	1- 1/4	46	132	124	13/16X16	7/16	0	5110	1311	5210
312A 25 22	23	1- 1/4	36	124	124	5/8 X16	1/2	0	1511	5210	1411
321A 25 22	23	1- 1/4	36	124	123	9/16X16	1/2	0	5210	1411	5210
330A 25 22	23	1- 1/4	36	123	124	9/16X16	1/2	0	1411	5210	1411
339A 25 22	23	1- 1/4	36	124	124	3/4 X16	1/2	0	5210	1411	5210
348A 25 22	23	1- 1/4	36	125	125	13/16X16	1/2	0	1411	5210	1511
357A 25 22	23	1- 1/4	50	125	133	15/16X16	1/2	5/16	5210	1311	5110

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403A	25	22	300	134	75	75	692	692	135	65	65	682	682	135	65	65	682	682
412A	25	22	300	135	60	60	682	682	137	60	60	682	682	138	55	55	682	682
421A	25	22	300	144	50	50	492	492	144	50	50	492	492	143	50	50	492	492
430A	25	22	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
439A	25	22	300	143	55	55	492	492	144	55	55	492	492	144	55	55	492	492
448A	25	22	300	138	60	60	492	682	137	65	65	492	682	135	65	65	682	682
457A	25	22	300	135	70	70	682	682	135	70	70	682	682	134	75	75	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403A	25	22	25	1- 1/4	55	133	124	7/8 X16	7/16	0	2010	5210	5010
412A	25	22	25	1- 1/4	42	124	124	11/16X16	3/8	0	5210	5010	5210
421A	25	22	25	1- 1/4	36	124	123	5/8 X16	3/8	0	5210	2110	5210
430A	25	22	25	1- 1/4	36	123	123	7/16X16	3/8	0	2110	5210	2110
439A	25	22	25	1- 1/4	42	123	123	9/16X16	3/8	0	5210	2110	5210
448A	25	22	25	1- 1/4	45	124	124	5/8 X16	3/8	0	5210	5010	5210
457A	25	22	25	1- 1/4	60	124	132	13/16X16	7/16	0	5010	5210	2010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403A	25	22	24	1- 1/4	60	133	124	7/8 X16	7/16	0	1013	5210	5010
412A	25	22	24	1- 1/4	42	124	124	11/16X16	3/8	0	5210	5010	5210
421A	25	22	24	1- 1/4	36	124	123	5/8 X16	3/8	0	5210	1111	5210
430A	25	22	24	1- 1/4	36	123	123	7/16X16	3/8	0	1111	5210	1111
439A	25	22	24	1- 1/4	42	123	123	9/16X16	3/8	0	5210	1111	5210
448A	25	22	24	1- 1/4	45	124	124	5/8 X16	3/8	0	5210	5010	5210
457A	25	22	24	1- 1/4	60	124	132	13/16X16	7/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403A	25	22	23	1- 1/4	60	133	124	7/8 X16	7/16	0	1013	5210	5010
412A	25	22	23	1- 1/4	42	124	124	11/16X16	3/8	0	5210	5010	5210
421A	25	22	23	1- 1/4	36	124	123	5/8 X16	3/8	0	5210	1111	5210
430A	25	22	23	1- 1/4	42	123	123	7/16X16	3/8	0	1111	5210	1111
439A	25	22	23	1- 1/4	42	123	123	5/8 X16	3/8	0	5210	1111	5210
448A	25	22	23	1- 1/4	45	124	124	5/8 X16	3/8	0	5210	5010	5210
457A	25	22	23	1- 1/4	60	124	132	13/16X16	7/16	0	5010	5210	1013

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

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A 25	23	210	141	70	70	692	692	546	70	70	0	0	146	65	65	692	692
300A 25	23	210	141	65	65	692	692	546	65	65	0	0	146	60	60	692	692

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 25	23	25	1- 1/4	50	132	132	1- 1/16X16	1/2	3/8	5410	5010	2310
300A 25	23	25	1- 1/4	50	132	132	1 X16	1/2	3/8	5410	5010	2310

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 25	23	24	1- 1/4	50	132	132	1- 1/16X16	1/2	3/8	5410	5010	1313
300A 25	23	24	1- 1/4	50	132	132	1 X16	1/2	3/8	5410	5010	1313

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

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
109A	26	23	300	152	45	45	683	683	153	45	45	683	683	155	45	45	683	683
118A	26	23	300	155	42	42	493	683	155	42	42	493	493	155	42	42	493	493
127A	26	23	300	155	45	45	493	493	155	45	45	493	493	156	45	45	493	493
133A	26	23	300	157	42	42	493	493	157	42	42	493	493	157	42	42	683	683
142A	26	23	300	156	42	42	683	683	156	42	42	683	683	155	45	45	683	683
151A	26	23	300	155	46	46	683	683	153	50	50	683	683	152	50	50	683	683

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A	26	23	26	1- 1/4	36	124	124	11/16X16	7/16	0	5210	1411	5210
118A	26	23	26	1- 1/4	36	124	124	5/8 X16	1/2	0	1411	5210	1411
127A	26	23	26	1- 1/4	36	123	123	1/2 X16	1/2	0	5110	1411	5210
133A	26	23	26	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5110
142A	26	23	26	1- 1/4	36	124	124	3/4 X16	1/2	0	1411	5210	1411
151A	26	23	26	1- 1/4	36	125	125	13/16X16	1/2	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A	26	23	25	1- 1/4	36	124	124	11/16X16	7/16	0	5210	2410	5210
118A	26	23	25	1- 1/4	36	124	124	5/8 X16	1/2	0	2410	5210	2410
127A	26	23	25	1- 1/4	36	123	123	1/2 X16	1/2	0	5110	2410	5210
133A	26	23	25	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	2410	5110
142A	26	23	25	1- 1/4	36	124	124	3/4 X16	1/2	0	2410	5210	2410
151A	26	23	25	1- 1/4	36	125	125	13/16X16	1/2	0	5210	2410	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A	26	23	24	1- 1/4	36	124	124	11/16X16	7/16	0	5210	1411	5210
118A	26	23	24	1- 1/4	36	124	124	5/8 X16	1/2	0	1411	5210	1411
127A	26	23	24	1- 1/4	36	123	123	9/16X16	1/2	0	5110	1411	5210
133A	26	23	24	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5110
142A	26	23	24	1- 1/4	36	124	124	3/4 X16	1/2	0	1411	5210	1411
151A	26	23	24	1- 1/4	36	125	125	13/16X16	1/2	0	5210	1411	5210

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

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
209A 26 23	300	135	70	70	682	682	135	70	70	682	682	135	70	70	682	682
218A 26 23	300	144	60	60	492	492	144	55	55	492	492	144	55	55	492	492
227A 26 23	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
233A 26 23	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
242A 26 23	300	144	50	50	492	492	144	50	50	492	492	144	46	46	492	492
251A 26 23	300	135	60	60	492	492	135	60	60	492	492	135	60	60	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
209A 26 23	26	1- 1/4	46	124	124	3/4 X16	7/16	0	5010	5210	1212
218A 26 23	26	1- 1/4	42	124	124	11/16X16	3/8	0	1611	5210	1111
227A 26 23	26	1- 1/4	42	123	123	1/2 X16	3/8	0	5110	1111	5210
233A 26 23	26	1- 1/4	36	123	123	7/16X16	3/8	0	5210	1111	5110
242A 26 23	26	1- 1/4	36	123	123	9/16X16	3/8	0	1111	5210	1611
251A 26 23	26	1- 1/4	42	124	124	5/8 X16	3/8	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
209A 26 23	25	1- 1/4	46	124	124	3/4 X16	7/16	0	5010	5210	2210
218A 26 23	25	1- 1/4	42	124	124	11/16X16	3/8	0	2610	5210	2110
227A 26 23	25	1- 1/4	42	123	123	1/2 X16	3/8	0	5110	2110	5210
233A 26 23	25	1- 1/4	36	123	123	7/16X16	3/8	0	5210	2110	5110
242A 26 23	25	1- 1/4	36	123	123	5/8 X16	3/8	0	2110	5210	2610
251A 26 23	25	1- 1/4	42	124	124	5/8 X16	3/8	0	2210	5210	5010

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
209A 26 23	24	1- 1/4	46	124	124	3/4 X16	7/16	0	5010	5210	1212
218A 26 23	24	1- 1/4	42	124	124	11/16X16	3/8	0	1611	5210	1111
227A 26 23	24	1- 1/4	42	123	123	1/2 X16	3/8	0	5110	1111	5210
233A 26 23	24	1- 1/4	36	123	123	7/16X16	3/8	0	5210	1111	5110
242A 26 23	24	1- 1/4	36	123	123	5/8 X16	3/8	0	1111	5210	1611
251A 26 23	24	1- 1/4	42	124	124	5/8 X16	3/8	0	1212	5210	5010

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
309A	26	23	300	152	45	45	683	683	153	45	45	683	683	155	45	45	683	683
318A	26	23	300	155	45	45	493	493	155	45	45	493	493	155	45	45	493	493
327A	26	23	300	155	46	46	493	493	155	50	50	493	493	156	50	50	493	493
333A	26	23	300	157	46	46	493	493	157	50	50	493	493	157	50	50	493	683
342A	26	23	300	156	50	50	683	683	156	50	50	683	683	155	50	50	683	683
351A	26	23	300	155	50	50	683	683	153	50	50	683	683	152	50	50	683	683

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	26	23	26	1- 1/4	36	124	124	5/8 X16	7/16	0	5210	1411	5210
318A	26	23	26	1- 1/4	36	124	123	9/16X16	1/2	0	1411	5210	1411
327A	26	23	26	1- 1/4	36	123	123	1/2 X15	1/2	0	5110	1411	5210
333A	26	23	26	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5110
342A	26	23	26	1- 1/4	36	124	124	3/4 X16	1/2	0	1411	5210	1411
351A	26	23	26	1- 1/4	36	124	124	3/4 X16	1/2	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	26	23	25	1- 1/4	36	124	124	5/8 X16	7/16	0	5210	2410	5210
318A	26	23	25	1- 1/4	36	124	123	9/16X16	1/2	0	2410	5210	2410
327A	26	23	25	1- 1/4	36	123	123	1/2 X15	1/2	0	5110	2410	5210
333A	26	23	25	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	2410	5110
342A	26	23	25	1- 1/4	36	124	124	3/4 X16	1/2	0	2410	5210	2410
351A	26	23	25	1- 1/4	36	124	124	13/16X16	1/2	0	5210	2410	5210

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	26	23	24	1- 1/4	36	124	124	5/8 X16	7/16	0	5210	1411	5210
318A	26	23	24	1- 1/4	36	124	123	9/16X16	1/2	0	1411	5210	1411
327A	26	23	24	1- 1/4	36	123	123	1/2 X15	1/2	0	5110	1411	5210
333A	26	23	24	1- 1/4	36	124	124	5/8 X16	1/2	0	5210	1411	5110
342A	26	23	24	1- 1/4	36	124	124	3/4 X16	1/2	0	1411	5210	1411
351A	26	23	24	1- 1/4	36	124	125	13/16X16	1/2	0	5210	1411	5210

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
409A 26 23	300	135	60	60	682	682	135	60	60	682	682	135	60	60	682	682
418A 26 23	300	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
427A 26 23	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
433A 26 23	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
442A 26 23	300	144	55	55	492	492	144	55	55	492	492	144	55	55	492	492
451A 26 23	300	135	65	65	682	682	135	65	65	682	682	135	65	65	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A 26 23	26	1- 1/4	42	124	124	11/16X16	3/8	0	5010	5210	1212
418A 26 23	26	1- 1/4	36	124	123	5/8 X16	3/8	0	1611	5210	1111
427A 26 23	26	1- 1/4	36	123	123	7/16X16	3/8	0	5110	1111	5210
433A 26 23	26	1- 1/4	42	123	123	1/2 X16	3/8	0	5210	1111	5110
442A 26 23	26	1- 1/4	42	123	124	5/8 X16	3/8	0	1111	5210	1611
451A 26 23	26	1- 1/4	45	124	124	11/16X16	3/8	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A 26 23	25	1- 1/4	42	124	124	3/4 X16	3/8	0	5010	5210	2210
418A 26 23	25	1- 1/4	36	124	124	11/16X16	3/8	0	2610	5210	2110
427A 26 23	25	1- 1/4	36	123	123	1/2 X16	3/8	0	5110	2110	5210
433A 26 23	25	1- 1/4	42	123	123	1/2 X16	3/8	0	5210	2110	5110
442A 26 23	25	1- 1/4	36	123	124	5/8 X16	3/8	0	2110	5210	2610
451A 26 23	25	1- 1/4	45	124	124	11/16X16	3/8	0	2210	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A 26 23	24	1- 1/4	42	124	124	3/4 X16	3/8	0	5010	5210	1212
418A 26 23	24	1- 1/4	36	124	124	11/16X16	3/8	0	1611	5210	1111
427A 26 23	24	1- 1/4	36	123	123	1/2 X16	3/8	0	5110	1111	5210
433A 26 23	24	1- 1/4	42	123	123	1/2 X16	3/8	0	5210	1111	5110
442A 26 23	24	1- 1/4	36	123	124	5/8 X16	3/8	0	1111	5210	1611
451A 26 23	24	1- 1/4	45	124	124	11/16X16	3/8	0	1212	5210	5010

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

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200A 26 24	210	145	70	70	692	692	545	75	75	0	0	141	75	75	692	692
400A 26 24	210	145	65	65	692	692	545	65	65	0	0	141	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 26 24	26	1- 1/4	50	133	133	1- 1/8 X16	9/16	3/8	1313	5010	5610
400A 26 24	26	1- 1/4	50	133	133	1- 1/8 X16	9/16	3/8	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 26 24	25	1- 1/4	50	133	133	1- 1/8 X16	9/16	3/8	2310	5010	5610
400A 26 24	25	1- 1/4	50	133	133	1- 1/8 X16	9/16	3/8	2310	5010	5610

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

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106A	27	24	300	147	50	50	682	682	149	50	50	682	683	150	45	45	683	683
115A	27	24	300	155	42	42	683	683	155	42	42	493	683	155	42	42	493	683
124A	27	24	300	155	45	45	493	493	155	45	45	493	493	155	45	45	493	493
136A	27	24	300	156	42	42	683	683	156	42	42	683	683	156	42	42	683	683
145A	27	24	300	155	45	45	683	683	155	45	45	683	683	155	45	45	683	683
154A	27	24	300	150	50	50	683	683	149	55	55	682	683	147	55	55	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	27	24	27	1- 1/8	36	124	124	5/8 X16	7/16	0	1311	5110	1411
115A	27	24	27	1- 1/8	36	124	124	5/8 X16	1/2	0	5110	1411	5110
124A	27	24	27	1- 1/8	36	123	123	9/16X16	1/2	0	1411	5110	1411
136A	27	24	27	1- 1/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
145A	27	24	27	1- 1/8	36	124	124	13/16X16	1/2	0	5110	1411	5110
154A	27	24	27	1- 1/8	36	125	124	3/4 X16	7/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	27	24	26	1- 1/4	36	124	124	5/8 X16	7/16	0	1311	5110	1411
115A	27	24	26	1- 1/4	36	124	124	5/8 X16	1/2	0	5110	1411	5110
124A	27	24	26	1- 1/4	36	123	123	9/16X16	1/2	0	1411	5110	1411
136A	27	24	26	1- 1/4	36	124	124	11/16X16	1/2	0	1411	5110	1411
145A	27	24	26	1- 1/4	36	124	124	13/16X16	1/2	0	5110	1411	5110
154A	27	24	26	1- 1/4	36	125	125	3/4 X16	7/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	27	24	25	1- 1/4	36	124	124	5/8 X16	7/16	0	2310	5110	2410
115A	27	24	25	1- 1/4	36	124	124	5/8 X16	1/2	0	5110	2410	5110
124A	27	24	25	1- 1/4	36	123	123	9/16X16	1/2	0	2410	5110	2410
136A	27	24	25	1- 1/4	36	124	124	11/16X16	1/2	0	2410	5110	2410
145A	27	24	25	1- 1/4	36	124	124	13/16X16	1/2	0	5110	2410	5110
154A	27	24	25	1- 1/4	36	125	125	3/4 X16	7/16	0	2410	5110	2310

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

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206A	27	24	300	134	70	70	682	682	135	70	70	682	682	135	70	70	682	682
215A	27	24	300	139	65	65	682	682	141	60	60	492	682	142	60	60	492	682
224A	27	24	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
236A	27	24	300	141	55	55	492	492	141	50	50	492	492	141	50	50	492	492
245A	27	24	300	142	50	50	492	492	141	50	50	492	492	139	55	55	492	492
254A	27	24	300	135	60	60	492	682	135	60	60	492	682	134	65	65	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	27	24	27	1- 1/8	50	124	124	3/4 X16	7/16	0	5110	1212	5110
215A	27	24	27	1- 1/8	42	124	124	11/16X16	3/8	0	1212	5510	5110
224A	27	24	27	1- 1/8	42	123	123	9/16X16	3/8	0	1111	5110	1111
236A	27	24	27	1- 1/8	36	123	123	1/2 X16	3/8	0	1111	5110	1111
245A	27	24	27	1- 1/8	36	123	124	5/8 X16	3/8	0	5110	5310	1212
254A	27	24	27	1- 1/8	42	124	124	5/8 X16	3/8	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	27	24	26	1- 1/4	50	124	124	3/4 X16	7/16	0	5110	1212	5110
215A	27	24	26	1- 1/4	42	124	124	11/16X16	3/8	0	1212	5510	5110
224A	27	24	26	1- 1/4	42	123	123	9/16X16	3/8	0	1111	5110	1111
236A	27	24	26	1- 1/4	36	123	123	1/2 X16	3/8	0	1111	5110	1111
245A	27	24	26	1- 1/4	36	123	124	5/8 X16	3/8	0	5110	5310	1212
254A	27	24	26	1- 1/4	42	124	124	5/8 X16	3/8	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	27	24	25	1- 1/4	50	124	124	3/4 X16	7/16	0	5110	2210	5110
215A	27	24	25	1- 1/4	42	124	124	11/16X16	3/8	0	2210	5510	5110
224A	27	24	25	1- 1/4	42	123	123	9/16X16	3/8	0	2110	5110	2110
236A	27	24	25	1- 1/4	36	123	123	1/2 X16	3/8	0	2110	5110	2110
245A	27	24	25	1- 1/4	36	123	124	5/8 X16	3/8	0	5110	5310	2210
254A	27	24	25	1- 1/4	42	124	124	5/8 X16	3/8	0	5110	2210	5110

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
306A	27	24	300	147	50	50	682	682	149	46	46	682	683	150	45	45	683	683
315A	27	24	300	155	45	45	493	493	155	45	45	493	493	155	45	45	493	493
324A	27	24	300	155	46	46	493	493	155	46	46	493	493	155	46	46	493	493
336A	27	24	300	156	50	50	683	683	156	50	50	683	683	156	50	50	683	683
345A	27	24	300	155	50	50	683	683	155	50	50	683	683	155	50	50	683	683
354A	27	24	300	150	50	50	683	683	149	50	50	682	683	147	50	50	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	27	24	27	1- 1/8	36	124	124	5/8 X16	7/16	0	1311	5110	1411
315A	27	24	27	1- 1/8	36	124	124	5/8 X16	1/2	0	5110	1411	5110
324A	27	24	27	1- 1/8	36	123	123	1/2 X15	1/2	0	1411	5110	1411
336A	27	24	27	1- 1/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
345A	27	24	27	1- 1/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
354A	27	24	27	1- 1/8	36	124	124	3/4 X16	7/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	27	24	26	1- 1/4	36	124	124	5/8 X16	7/16	0	1311	5110	1411
315A	27	24	26	1- 1/4	36	124	124	5/8 X16	1/2	0	5110	1411	5110
324A	27	24	26	1- 1/4	36	123	123	1/2 X16	1/2	0	1411	5110	1411
336A	27	24	26	1- 1/4	36	124	124	11/16X16	1/2	0	1411	5110	1411
345A	27	24	26	1- 1/4	36	124	124	3/4 X16	1/2	0	5110	1411	5110
354A	27	24	26	1- 1/4	36	124	124	3/4 X16	7/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	27	24	25	1- 1/4	36	124	124	5/8 X16	7/16	0	2310	5110	2410
315A	27	24	25	1- 1/4	36	124	124	5/8 X16	1/2	0	5110	2410	5110
324A	27	24	25	1- 1/4	36	123	123	1/2 X16	1/2	0	2410	5110	2410
336A	27	24	25	1- 1/4	36	124	124	11/16X16	1/2	0	2410	5110	2410
345A	27	24	25	1- 1/4	36	124	124	13/16X16	1/2	0	5110	2410	5110
354A	27	24	25	1- 1/4	36	124	124	3/4 X16	7/16	0	2410	5110	2310

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

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
406A	27	24	300	134	65	65	682	682	135	65	65	682	682	135	65	65	682	682
415A	27	24	300	139	55	55	682	682	141	50	50	492	492	142	50	50	492	492
424A	27	24	300	141	50	50	492	492	141	50	50	492	492	141	50	50	492	492
436A	27	24	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
445A	27	24	300	142	60	60	492	492	141	60	60	492	492	139	60	60	492	492
454A	27	24	300	135	70	70	682	682	135	70	70	682	682	134	70	70	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	27	24	27	1- 1/8	45	124	124	3/4 X16	3/8	0	5110	1212	5110
415A	27	24	27	1- 1/8	36	124	124	11/16X16	3/8	0	1212	5510	5110
424A	27	24	27	1- 1/8	36	123	123	1/2 X16	3/8	0	1111	5110	1111
436A	27	24	27	1- 1/8	42	123	123	1/2 X16	3/8	0	1111	5110	1111
445A	27	24	27	1- 1/8	42	124	124	5/8 X16	3/8	0	5110	5310	1212
454A	27	24	27	1- 1/8	46	124	124	11/16X16	3/8	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	27	24	26	1- 1/4	45	124	124	3/4 X16	7/16	0	5110	1212	5110
415A	27	24	26	1- 1/4	36	124	124	11/16X16	3/8	0	1212	5510	5110
424A	27	24	26	1- 1/4	36	123	123	1/2 X16	3/8	0	1111	5110	1111
436A	27	24	26	1- 1/4	42	123	123	1/2 X16	3/8	0	1111	5110	1111
445A	27	24	26	1- 1/4	42	124	124	5/8 X16	3/8	0	5110	5310	1212
454A	27	24	26	1- 1/4	46	124	124	11/16X16	3/8	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	27	24	25	1- 1/4	45	124	124	3/4 X16	7/16	0	5110	2210	5110
415A	27	24	25	1- 1/4	36	124	124	11/16X16	3/8	0	2210	5510	5110
424A	27	24	25	1- 1/4	36	123	123	9/16X16	3/8	0	2110	5110	2110
436A	27	24	25	1- 1/4	42	123	123	1/2 X16	3/8	0	2110	5110	2110
445A	27	24	25	1- 1/4	42	124	124	5/8 X16	3/8	0	5110	5310	2210
454A	27	24	25	1- 1/4	46	124	124	11/16X16	3/8	0	5110	2210	5110

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COLUMN 1 FY1	COLUMN 1 FY2	COLUMN 1 CSU	COLUMN 1 CSL	COLUMN 2 TYPE	COLUMN 2 FY1	COLUMN 2 FY2	COLUMN 2 CSU	COLUMN 2 CSL	COLUMN 3 TYPE	COLUMN 3 FY1	COLUMN 3 FY2	COLUMN 3 CSU	COLUMN 3 CSL
100A	27	25	210	141	70	70	692	692	544	70	70	0	0	144	65	65	692	692
300A	27	25	210	141	65	65	692	692	544	65	65	0	0	144	60	60	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5		WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
100A	27	25	27	1- 1/8	50	132	132	1	X16	1/2	3/8	5410	5010	1313
300A	27	25	27	1- 1/8	50	132	132	1	X16	1/2	3/8	5410	5010	1313

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5		WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
100A	27	25	26	1- 1/4	50	132	132	1	X16	1/2	3/8	5410	5010	1313
300A	27	25	26	1- 1/4	50	132	132	1	X16	1/2	3/8	5410	5010	1313

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

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

EVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
103A	28	25	300	139	65	65	682	682	142	55	55	682	682	144	50	50	682	682
112A	28	25	300	154	42	42	683	683	154	42	42	683	683	154	42	42	683	683
121A	28	25	300	154	42	42	493	493	154	45	45	493	493	154	45	45	493	493
130A	28	25	300	155	45	45	493	493	156	45	45	493	493	156	45	45	493	493
139A	28	25	300	156	42	42	683	683	156	42	42	683	683	156	42	42	683	683
148A	28	25	300	154	45	45	683	683	154	46	46	683	683	154	46	46	683	683
157A	28	25	300	144	55	55	682	682	142	60	60	682	682	139	70	70	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	28	25	28	1- 1/8	50	132	124	13/16X16	7/16	0	5110	1311	5210
112A	28	25	28	1- 1/8	36	124	124	5/8 X16	1/2	0	1511	5210	1411
121A	28	25	28	1- 1/8	36	124	123	9/16X16	1/2	0	5210	1411	5210
130A	28	25	28	1- 1/8	36	123	124	9/16X16	1/2	0	1411	5210	1411
139A	28	25	28	1- 1/8	36	124	124	3/4 X16	1/2	0	5210	1411	5210
148A	28	25	28	1- 1/8	36	124	124	13/16X16	1/2	0	1411	5210	1511
157A	28	25	28	1- 1/8	55	124	133	15/16X16	1/2	5/16	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	28	25	27	1- 1/8	50	132	124	13/16X16	7/16	0	5110	1311	5210
112A	28	25	27	1- 1/8	36	124	124	11/16X16	1/2	0	1511	5210	1411
121A	28	25	27	1- 1/8	36	124	123	9/16X16	1/2	0	5210	1411	5210
130A	28	25	27	1- 1/8	36	123	124	9/16X16	1/2	0	1411	5210	1411
139A	28	25	27	1- 1/8	36	124	124	3/4 X16	1/2	0	5210	1411	5210
148A	28	25	27	1- 1/8	36	124	125	13/16X16	1/2	0	1411	5210	1511
157A	28	25	27	1- 1/8	55	124	133	15/16X16	1/2	5/16	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	28	25	26	1- 1/4	50	132	124	13/16X16	7/16	0	5110	1311	5210
112A	28	25	26	1- 1/4	36	124	124	11/16X16	1/2	0	1511	5210	1411
121A	28	25	26	1- 1/4	36	124	123	9/16X16	1/2	0	5210	1411	5210
130A	28	25	26	1- 1/4	36	123	124	9/16X16	1/2	0	1411	5210	1411
139A	28	25	26	1- 1/4	36	124	124	3/4 X16	1/2	0	5210	1411	5210
148A	28	25	26	1- 1/4	36	124	125	13/16X16	1/2	0	1411	5210	1511
157A	28	25	26	1- 1/4	55	125	133	15/16X16	1/2	5/16	5210	1311	5110

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A 28 25	300	133	80	80	691	692	134	75	75	682	682	134	75	75	682	682
212A 28 25	300	135	70	70	682	682	136	70	70	682	682	137	65	65	682	682
221A 28 25	300	143	55	55	492	492	142	60	60	492	492	141	60	60	492	492
230A 28 25	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
239A 28 25	300	141	50	50	492	492	142	50	50	492	492	143	50	50	492	492
248A 28 25	300	137	55	55	492	492	136	55	55	492	492	135	55	55	492	492
257A 28 25	300	134	65	65	492	682	134	65	65	492	682	133	70	70	681	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 28 25	28	1- 1/8	65	133	124	7/8 X16	7/16	0	1013	5210	5010
212A 28 25	28	1- 1/8	46	124	124	11/16X16	3/8	0	5210	5010	5210
221A 28 25	28	1- 1/8	42	123	123	9/16X16	3/8	0	5210	1111	5210
230A 28 25	28	1- 1/8	42	123	123	3/8 X16	3/8	0	1111	5210	1111
239A 28 25	28	1- 1/8	36	123	123	1/2 X16	3/8	0	5210	1111	5210
248A 28 25	28	1- 1/8	42	124	124	9/16X16	3/8	0	5210	5010	5210
257A 28 25	28	1- 1/8	55	124	132	3/4 X16	7/16	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 28 25	27	1- 1/8	65	133	124	7/8 X16	7/16	0	1013	5210	5010
212A 28 25	27	1- 1/8	46	124	124	11/16X16	3/8	0	5210	5010	5210
221A 28 25	27	1- 1/8	42	124	123	5/8 X16	3/8	0	5210	1111	5210
230A 28 25	27	1- 1/8	42	123	123	7/16X16	3/8	0	1111	5210	1111
239A 28 25	27	1- 1/8	36	123	123	9/16X16	3/8	0	5210	1111	5210
248A 28 25	27	1- 1/8	42	124	124	5/8 X16	3/8	0	5210	5010	5210
257A 28 25	27	1- 1/8	55	124	132	3/4 X16	7/16	0	5010	5210	1013

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 28 25	26	1- 1/4	65	133	124	7/8 X16	7/16	0	1013	5210	5010
212A 28 25	26	1- 1/4	46	124	124	11/16X16	3/8	0	5210	5010	5210
221A 28 25	26	1- 1/4	42	124	123	5/8 X16	3/8	0	5210	1111	5210
230A 28 25	26	1- 1/4	42	123	123	7/16X16	3/8	0	1111	5210	1111
239A 28 25	26	1- 1/4	36	123	123	9/16X16	3/8	0	5210	1111	5210
248A 28 25	26	1- 1/4	42	124	124	5/8 X16	3/8	0	5210	5010	5210
257A 28 25	26	1- 1/4	55	124	132	3/4 X16	7/16	0	5010	5210	1013

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A 28 25	300	139	60	60	682	682	142	55	55	682	682	144	50	50	682	682
312A 28 25	300	154	45	45	493	683	154	45	45	493	493	154	45	45	493	493
321A 28 25	300	154	45	45	493	493	154	45	45	493	493	154	46	46	493	493
330A 28 25	300	155	50	50	493	493	156	50	50	493	493	156	50	50	493	493
339A 28 25	300	156	50	50	683	683	156	50	50	683	683	156	50	50	683	683
348A 28 25	300	154	50	50	683	683	154	50	50	683	683	154	50	50	683	683
357A 28 25	300	144	55	55	682	682	142	55	55	682	682	139	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 28 25	28	1- 1/8	46	132	124	13/16X16	7/16	0	5110	1311	5210
312A 28 25	28	1- 1/8	36	124	124	5/8 X16	1/2	0	1511	5210	1411
321A 28 25	28	1- 1/8	36	123	123	1/2 X16	1/2	0	5210	1411	5210
330A 28 25	28	1- 1/8	36	123	124	9/16X16	1/2	0	1411	5210	1411
339A 28 25	28	1- 1/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
348A 28 25	28	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1511
357A 28 25	28	1- 1/8	50	124	133	15/16X16	1/2	5/16	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 28 25	27	1- 1/8	46	132	124	13/16X16	7/16	0	5110	1311	5210
312A 28 25	27	1- 1/8	36	124	124	5/8 X16	1/2	0	1511	5210	1411
321A 28 25	27	1- 1/8	36	123	123	1/2 X16	1/2	0	5210	1411	5210
330A 28 25	27	1- 1/8	36	123	123	9/16X16	1/2	0	1411	5210	1411
339A 28 25	27	1- 1/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
348A 28 25	27	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1511
357A 28 25	27	1- 1/8	50	124	133	15/16X16	1/2	5/16	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 28 25	26	1- 1/4	46	132	124	13/16X16	7/16	0	5110	1311	5210
312A 28 25	26	1- 1/4	36	124	124	5/8 X16	1/2	0	1511	5210	1411
321A 28 25	26	1- 1/4	36	123	123	1/2 X16	1/2	0	5210	1411	5210
330A 28 25	26	1- 1/4	36	123	124	9/16X16	1/2	0	1411	5210	1411
339A 28 25	26	1- 1/4	36	124	124	3/4 X16	1/2	0	5210	1411	5210
348A 28 25	26	1- 1/4	36	124	124	13/16X16	1/2	0	1411	5210	1511
357A 28 25	26	1- 1/4	50	124	133	15/16X16	1/2	5/16	5210	1311	5110

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

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
403A 28 25	300	133	75	75	691	692	134	70	70	682	682	134	70	70	682	682
412A 28 25	300	135	60	60	682	682	136	60	60	682	682	137	55	55	682	682
421A 28 25	300	143	50	50	492	492	142	50	50	492	492	141	50	50	492	492
430A 28 25	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
439A 28 25	300	141	55	55	492	492	142	55	55	492	492	143	55	55	492	492
448A 28 25	300	137	65	65	492	492	136	65	65	492	492	135	65	65	492	682
457A 28 25	300	134	70	70	682	682	134	70	70	682	682	133	75	75	681	682

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A 28 25	28	1- 1/8	60	132	124	7/8 X16	7/16	0	1013	5210	5010
412A 28 25	28	1- 1/8	42	124	124	11/16X16	3/8	0	5210	5010	5210
421A 28 25	28	1- 1/8	36	123	123	9/16X16	3/8	0	5210	1111	5210
430A 28 25	28	1- 1/8	42	123	123	7/16X16	3/8	0	1111	5210	1111
439A 28 25	28	1- 1/8	42	123	123	9/16X16	3/8	0	5210	1111	5210
448A 28 25	28	1- 1/8	45	124	124	5/8 X16	3/8	0	5210	5010	5210
457A 28 25	28	1- 1/8	60	124	132	3/4 X16	7/16	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A 28 25	27	1- 1/8	60	132	124	7/8 X16	7/16	0	1013	5210	5010
412A 28 25	27	1- 1/8	42	124	124	11/16X16	3/8	0	5210	5010	5210
421A 28 25	27	1- 1/8	36	123	123	9/16X16	3/8	0	5210	1111	5210
430A 28 25	27	1- 1/8	36	123	123	7/16X16	3/8	0	1111	5210	1111
439A 28 25	27	1- 1/8	42	123	123	9/16X16	3/8	0	5210	1111	5210
448A 28 25	27	1- 1/8	45	124	124	5/8 X16	3/8	0	5210	5010	5210
457A 28 25	27	1- 1/8	60	124	132	13/16X16	7/16	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A 28 25	26	1- 1/4	60	133	124	7/8 X16	7/16	0	1013	5210	5010
412A 28 25	26	1- 1/4	42	124	124	11/16X16	3/8	0	5210	5010	5210
421A 28 25	26	1- 1/4	36	123	123	9/16X16	3/8	0	5210	1111	5210
430A 28 25	26	1- 1/4	36	123	123	7/16X16	3/8	0	1111	5210	1111
439A 28 25	26	1- 1/4	42	123	123	9/16X16	3/8	0	5210	1111	5210
448A 28 25	26	1- 1/4	45	124	124	5/8 X16	3/8	0	5210	5010	5210
457A 28 25	26	1- 1/4	60	124	132	13/16X16	7/16	0	5010	5210	1013

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

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

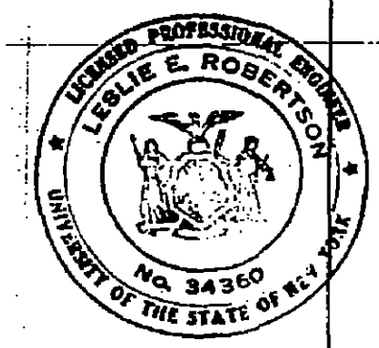
PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A 28 26	210	144	70	70	692	692	544	75	75	0	0	140	75	75	692	692
400A 28 26	210	144	65	65	692	692	544	70	70	0	0	140	70	70	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 28 26	28	1- 1/8	55	133	133	1- 1/8 X16	9/16	5/16	1313	5010	5610
400A 28 26	28	1- 1/8	50	133	132	1- 1/8 X16	9/16	5/16	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 28 26	27	1- 1/8	55	133	133	1- 1/8 X16	9/16	5/16	1313	5010	5610
400A 28 26	27	1- 1/8	50	133	132	1- 1/8 X16	9/16	5/16	1313	5010	5610



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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
109A 29 26	300	150	45	45	683	683	152	45	45	683	683	153	45	45	683	683
118A 29 26	300	153	42	42	493	493	153	42	42	493	493	153	42	42	493	493
127A 29 26	300	153	45	45	493	493	153	45	45	493	493	154	45	45	493	493
133A 29 26	300	156	45	45	493	493	156	42	42	493	493	156	42	42	493	683
142A 29 26	300	155	42	42	683	683	154	45	45	683	683	153	45	45	683	683
151A 29 26	300	153	46	46	683	683	152	50	50	683	683	150	50	50	683	683

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A 29 26	29	1- 1/8	36	124	124	5/8 X16	7/16	0	5210	1411	5210
118A 29 26	29	1- 1/8	36	124	124	9/16X16	1/2	0	1411	5210	1411
127A 29 26	29	1- 1/8	36	123	123	1/2 X15	1/2	0	5110	1411	5210
133A 29 26	29	1- 1/8	36	124	124	5/8 X16	1/2	0	5210	1411	5110
142A 29 26	29	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1411
151A 29 26	29	1- 1/8	36	124	124	3/4 X16	7/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A 29 26	28	1- 1/8	36	124	124	5/8 X16	7/16	0	5210	1411	5210
118A 29 26	28	1- 1/8	36	124	124	9/16X16	1/2	0	1411	5210	1411
127A 29 26	28	1- 1/8	36	123	123	1/2 X15	1/2	0	5110	1411	5210
133A 29 26	28	1- 1/8	36	124	124	5/8 X16	1/2	0	5210	1411	5110
142A 29 26	28	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1411
151A 29 26	28	1- 1/8	36	124	124	3/4 X16	7/16	0	5210	1411	5210

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A 29 26	27	1- 1/8	36	124	124	5/8 X16	7/16	0	5210	1411	5210
118A 29 26	27	1- 1/8	36	124	124	5/8 X16	1/2	0	1411	5210	1411
127A 29 26	27	1- 1/8	36	123	123	1/2 X15	1/2	0	5110	1411	5210
133A 29 26	27	1- 1/8	36	124	124	5/8 X16	1/2	0	5210	1411	5110
142A 29 26	27	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1411
151A 29 26	27	1- 1/8	36	125	125	3/4 X16	1/2	0	5210	1411	5210

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
209A 29 26	300	134	70	70	682	682	135	70	70	682	682	135	70	70	682	682
218A 29 26	300	143	60	60	492	492	143	60	60	492	492	143	60	60	492	492
227A 29 26	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
233A 29 26	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
242A 29 26	300	143	50	50	492	492	143	50	50	492	492	143	50	50	492	492
251A 29 26	300	135	60	60	492	492	135	60	60	492	492	134	60	60	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 29 26	29	1- 1/8	50	124	124	11/16X16	3/8	0	5010	5210	1212
218A 29 26	29	1- 1/8	42	124	123	5/8 X16	3/8	0	1611	5210	1111
227A 29 26	29	1- 1/8	42	123	123	7/16X16	3/8	0	5110	1111	5210
233A 29 26	29	1- 1/8	42	123	123	7/16X16	3/8	0	5210	1111	5110
242A 29 26	29	1- 1/8	36	123	123	9/16X16	3/8	0	1111	5210	1611
251A 29 26	29	1- 1/8	42	124	124	5/8 X16	3/8	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 29 26	28	1- 1/8	50	124	124	11/16X16	3/8	0	5010	5210	1212
218A 29 26	28	1- 1/8	42	124	123	5/8 X16	3/8	0	1611	5210	1111
227A 29 26	28	1- 1/8	42	123	123	7/16X16	3/8	0	5110	1111	5210
233A 29 26	28	1- 1/8	42	123	123	7/16X16	3/8	0	5210	1111	5110
242A 29 26	28	1- 1/8	36	123	123	9/16X16	3/8	0	1111	5210	1611
251A 29 26	28	1- 1/8	42	124	124	5/8 X16	3/8	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 29 26	27	1- 1/8	50	124	124	3/4 X16	3/8	0	5010	5210	1212
218A 29 26	27	1- 1/8	42	124	124	11/16X16	3/8	0	1611	5210	1111
227A 29 26	27	1- 1/8	42	123	123	1/2 X16	3/8	0	5110	1111	5210
233A 29 26	27	1- 1/8	36	123	123	7/16X16	3/8	0	5210	1111	5110
242A 29 26	27	1- 1/8	36	123	123	5/8 X16	3/8	0	1111	5210	1611
251A 29 26	27	1- 1/8	42	124	124	5/8 X16	3/8	0	1212	5210	5010

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

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309A 29 26	300	150	45	45	683	683	152	45	45	493	683	153	45	45	493	683
318A 29 26	300	153	45	45	493	493	153	45	45	493	493	153	45	45	493	493
327A 29 26	300	153	50	50	493	493	153	50	50	493	493	154	50	50	493	493
333A 29 26	300	156	50	50	493	493	156	50	50	493	493	156	50	50	493	493
342A 29 26	300	155	50	50	683	683	154	50	50	683	683	153	50	50	683	683
351A 29 26	300	153	50	50	683	683	152	50	50	683	683	150	50	50	683	683

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
309A 29 26	29	1- 1/8	36	124	124	5/8 X16	7/16	0	5210	1411	5210
318A 29 26	29	1- 1/8	36	124	123	9/16X16	1/2	0	1411	5210	1411
327A 29 26	29	1- 1/8	36	123	123	1/2 X14	1/2	0	5110	1411	5210
333A 29 26	29	1- 1/8	36	124	124	5/8 X16	1/2	0	5210	1411	5110
342A 29 26	29	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1411
351A 29 26	29	1- 1/8	36	124	124	3/4 X16	7/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
309A 29 26	28	1- 1/8	36	124	124	5/8 X16	7/16	0	5210	1411	5210
318A 29 26	28	1- 1/8	36	124	123	9/16X16	1/2	0	1411	5210	1411
327A 29 26	28	1- 1/8	36	123	123	1/2 X14	1/2	0	5110	1411	5210
333A 29 26	28	1- 1/8	36	124	124	5/8 X16	1/2	0	5210	1411	5110
342A 29 26	28	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1411
351A 29 26	28	1- 1/8	36	124	124	3/4 X16	7/16	0	5210	1411	5210

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
309A 29 26	27	1- 1/8	36	124	124	5/8 X16	7/16	0	5210	1411	5210
318A 29 26	27	1- 1/8	36	124	123	9/16X16	1/2	0	1411	5210	1411
327A 29 26	27	1- 1/8	36	123	123	1/2 X15	1/2	0	5110	1411	5210
333A 29 26	27	1- 1/8	36	123	124	5/8 X16	1/2	0	5210	1411	5110
342A 29 26	27	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1411
351A 29 26	27	1- 1/8	36	124	124	3/4 X16	7/16	0	5210	1411	5210

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
409A	29	26	300	134	65	65	682	682	135	65	65	682	682	135	65	65	682	682
418A	29	26	300	143	50	50	492	492	143	50	50	492	492	143	50	50	492	492
427A	29	26	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
433A	29	26	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
442A	29	26	300	143	55	55	492	492	143	55	55	492	492	143	55	55	492	492
451A	29	26	300	135	70	70	492	682	135	70	70	492	682	134	70	70	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409A	29	26	29	1- 1/8	42	124	124	11/16X16	3/8	0	5010	5210	1212
418A	29	26	29	1- 1/8	36	124	123	5/8 X16	3/8	0	1611	5210	1111
427A	29	26	29	1- 1/8	36	123	123	7/16X16	3/8	0	5110	1111	5210
433A	29	26	29	1- 1/8	42	123	123	7/16X16	3/8	0	5210	1111	5110
442A	29	26	29	1- 1/8	42	123	124	5/8 X16	3/8	0	1111	5210	1611
451A	29	26	29	1- 1/8	46	124	124	5/8 X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409A	29	26	28	1- 1/8	42	124	124	11/16X16	3/8	0	5010	5210	1212
418A	29	26	28	1- 1/8	36	124	123	5/8 X16	3/8	0	1611	5210	1111
427A	29	26	28	1- 1/8	36	123	123	7/16X16	3/8	0	5110	1111	5210
433A	29	26	28	1- 1/8	42	123	123	1/2 X16	3/8	0	5210	1111	5110
442A	29	26	28	1- 1/8	42	123	124	5/8 X16	3/8	0	1111	5210	1611
451A	29	26	28	1- 1/8	46	124	124	5/8 X16	3/8	0	1212	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409A	29	26	27	1- 1/8	45	124	124	11/16X16	3/8	0	5010	5210	1212
418A	29	26	27	1- 1/8	36	124	123	5/8 X16	3/8	0	1611	5210	1111
427A	29	26	27	1- 1/8	36	123	123	7/16X16	3/8	0	5110	1111	5210
433A	29	26	27	1- 1/8	36	123	123	1/2 X16	3/8	0	5210	1111	5110
442A	29	26	27	1- 1/8	42	123	124	5/8 X16	3/8	0	1111	5210	1611
451A	29	26	27	1- 1/8	46	124	124	11/16X16	3/8	0	1212	5210	5010

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A 29 27	210	140	75	75	692	692	544	75	75	0	0	144	65	65	692	692
300A 29 27	210	140	65	65	692	692	544	65	65	0	0	144	60	60	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 29 27	29	1- 1/8	50	132	132	1 X16	1/2	5/16	5410	5010	1313
300A 29 27	29	1- 1/8	50	132	132	15/16X16	1/2	5/16	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 29 27	28	1- 1/8	50	132	132	1 X16	1/2	5/16	5410	5010	1313
300A 29 27	28	1- 1/8	50	132	132	1 X16	1/2	5/16	5410	5010	1313

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

4-A1-101

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106A 30 27	300	147	50	50	682	682	147	50	50	682	682	149	46	46	682	683
115A 30 27	300	153	42	42	683	683	153	42	42	493	493	153	42	42	493	493
124A 30 27	300	153	45	45	493	493	153	45	45	493	493	153	45	45	493	493
136A 30 27	300	155	42	42	683	683	155	42	42	683	683	155	42	42	683	683
145A 30 27	300	153	45	45	683	683	153	45	45	683	683	153	45	45	683	683
154A 30 27	300	149	50	50	682	683	147	55	55	682	682	147	55	55	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A 30 27	30	1- 1/8	36	124	124	5/8 X16	7/16	0	1311	5110	1411
115A 30 27	30	1- 1/8	36	124	124	5/8 X16	1/2	0	5110	1411	5110
124A 30 27	30	1- 1/8	36	123	123	1/2 X15	1/2	0	1411	5110	1411
136A 30 27	30	1- 1/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
145A 30 27	30	1- 1/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
154A 30 27	30	1- 1/8	36	124	124	3/4 X16	7/16	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A 30 27	29	1- 1/8	36	124	124	5/8 X16	7/16	0	1311	5110	1411
115A 30 27	29	1- 1/8	36	124	124	5/8 X16	1/2	0	5110	1411	5110
124A 30 27	29	1- 1/8	36	123	123	1/2 X16	1/2	0	1411	5110	1411
136A 30 27	29	1- 1/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
145A 30 27	29	1- 1/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
154A 30 27	29	1- 1/8	36	124	124	3/4 X16	7/16	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A 30 27	28	1- 1/8	36	124	124	5/8 X16	7/16	0	1311	5110	1411
115A 30 27	28	1- 1/8	36	124	124	5/8 X16	1/2	0	5110	1411	5110
124A 30 27	28	1- 1/8	36	123	123	1/2 X16	1/2	0	1411	5110	1411
136A 30 27	28	1- 1/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
145A 30 27	28	1- 1/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
154A 30 27	28	1- 1/8	36	124	124	3/4 X16	7/16	0	1411	5110	1311

4-A1-102

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206A	30	27	300	133	75	75	681	682	134	75	75	682	682	134	75	75	682	682
215A	30	27	300	138	65	65	682	682	140	60	60	492	492	141	60	60	492	492
224A	30	27	300	140	60	60	492	492	140	60	60	492	492	140	60	60	492	492
236A	30	27	300	140	55	55	492	492	140	55	55	492	492	140	55	55	492	492
245A	30	27	300	141	46	46	492	492	140	50	50	492	492	138	50	50	492	492
254A	30	27	300	134	65	65	492	492	134	65	65	492	492	133	65	65	491	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	30	27	30	1- 1/8	50	124	124	11/16X16	3/8	0	5110	1212	5110
215A	30	27	30	1- 1/8	42	124	124	11/16X16	3/8	0	1212	5510	5110
224A	30	27	30	1- 1/8	42	123	123	1/2 X16	5/16	0	1111	5110	1111
236A	30	27	30	1- 1/8	36	123	123	7/16X16	5/16	0	1111	5110	1111
245A	30	27	30	1- 1/8	36	123	123	9/16X16	3/8	0	5110	5310	1212
254A	30	27	30	1- 1/8	45	124	124	5/8 X16	3/8	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	30	27	29	1- 1/8	50	124	124	3/4 X16	3/8	0	5110	1212	5110
215A	30	27	29	1- 1/8	42	124	124	11/16X16	3/8	0	1212	5510	5110
224A	30	27	29	1- 1/8	42	123	123	1/2 X16	5/16	0	1111	5110	1111
236A	30	27	29	1- 1/8	36	123	123	1/2 X16	5/16	0	1111	5110	1111
245A	30	27	29	1- 1/8	36	123	123	9/16X16	3/8	0	5110	5310	1212
254A	30	27	29	1- 1/8	45	124	124	5/8 X16	3/8	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	30	27	28	1- 1/8	50	124	124	3/4 X16	3/8	0	5110	1212	5110
215A	30	27	28	1- 1/8	42	124	124	11/16X16	3/8	0	1212	5510	5110
224A	30	27	28	1- 1/8	42	123	123	1/2 X16	5/16	0	1111	5110	1111
236A	30	27	28	1- 1/8	36	123	123	1/2 X16	5/16	0	1111	5110	1111
245A	30	27	28	1- 1/8	36	123	124	9/16X16	3/8	0	5110	5310	1212
254A	30	27	28	1- 1/8	45	124	124	5/8 X16	3/8	0	5110	1212	5110

4-A1-103

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
306A	30	27	300	147	50	50	682	682	147	50	50	682	682	149	46	46	682	683
315A	30	27	300	153	45	45	493	493	153	45	45	493	493	153	45	45	493	493
324A	30	27	300	153	46	46	493	493	153	46	46	493	493	153	50	50	493	493
336A	30	27	300	155	50	50	493	683	155	50	50	493	683	155	50	50	683	683
345A	30	27	300	153	50	50	683	683	153	50	50	683	683	153	50	50	683	683
354A	30	27	300	149	50	50	682	683	147	50	50	682	682	147	50	50	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	30	27	30	1- 1/8	36	124	124	9/16X16	3/8	0	1311	5110	1411
315A	30	27	30	1- 1/8	36	124	124	9/16X16	1/2	0	5110	1411	5110
324A	30	27	30	1- 1/8	36	123	123	1/2 X15	1/2	0	1411	5110	1411
336A	30	27	30	1- 1/8	36	124	124	5/8 X16	1/2	0	1411	5110	1411
345A	30	27	30	1- 1/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
354A	30	27	30	1- 1/8	36	124	124	11/16X16	7/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	30	27	29	1- 1/8	36	124	124	9/16X16	3/8	0	1311	5110	1411
315A	30	27	29	1- 1/8	36	124	124	9/16X16	1/2	0	5110	1411	5110
324A	30	27	29	1- 1/8	36	123	123	1/2 X15	1/2	0	1411	5110	1411
336A	30	27	29	1- 1/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
345A	30	27	29	1- 1/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
354A	30	27	29	1- 1/8	36	124	124	3/4 X16	7/16	0	1411	5110	1311

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	30	27	28	1- 1/8	36	124	124	9/16X16	3/8	0	1311	5110	1411
315A	30	27	28	1- 1/8	36	124	124	9/16X16	1/2	0	5110	1411	5110
324A	30	27	28	1- 1/8	36	123	123	1/2 X15	1/2	0	1411	5110	1411
336A	30	27	28	1- 1/8	36	124	124	11/16X16	1/2	0	1411	5110	1411
345A	30	27	28	1- 1/8	36	124	124	3/4 X16	1/2	0	5110	1411	5110
354A	30	27	28	1- 1/8	36	124	124	3/4 X16	7/16	0	1411	5110	1311

4-A1-104

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER' | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
406A 30 27	300	133	65	65	681	682	134	65	65	682	682	134	65	65	682	682
415A 30 27	300	138	50	50	492	682	140	50	50	492	492	141	50	50	492	492
424A 30 27	300	140	55	55	492	492	140	55	55	492	492	140	55	55	492	492
436A 30 27	300	140	55	55	492	492	140	55	55	492	492	140	60	60	492	492
445A 30 27	300	141	55	55	492	492	140	60	60	492	492	138	60	60	492	492
454A 30 27	300	134	70	70	682	682	134	70	70	682	682	133	70	70	681	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A 30 27	30	1- 1/8	45	124	124	11/16X16	3/8	0	5110	1212	5110
415A 30 27	30	1- 1/8	36	124	124	5/8 X16	3/8	0	1212	5510	5110
424A 30 27	30	1- 1/8	36	123	123	1/2 X16	5/16	0	1111	5110	1111
436A 30 27	30	1- 1/8	42	123	123	1/2 X16	5/16	0	1111	5110	1111
445A 30 27	30	1- 1/8	42	123	124	5/8 X16	3/8	0	5110	5310	1212
454A 30 27	30	1- 1/8	50	124	124	5/8 X16	3/8	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A 30 27	29	1- 1/8	45	124	124	11/16X16	3/8	0	5110	1212	5110
415A 30 27	29	1- 1/8	36	124	124	11/16X16	3/8	0	1212	5510	5110
424A 30 27	29	1- 1/8	36	123	123	1/2 X16	5/16	0	1111	5110	1111
436A 30 27	29	1- 1/8	42	123	123	1/2 X16	5/16	0	1111	5110	1111
445A 30 27	29	1- 1/8	42	124	124	5/8 X16	3/8	0	5110	5310	1212
454A 30 27	29	1- 1/8	50	124	124	5/8 X16	3/8	0	5110	1212	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A 30 27	28	1- 1/8	45	124	124	11/16X16	3/8	0	5110	1212	5110
415A 30 27	28	1- 1/8	36	124	124	11/16X16	3/8	0	1212	5510	5110
424A 30 27	28	1- 1/8	36	123	123	1/2 X16	5/16	0	1111	5110	1111
436A 30 27	28	1- 1/8	42	123	123	1/2 X16	5/16	0	1111	5110	1111
445A 30 27	28	1- 1/8	42	124	124	5/8 X16	3/8	0	5110	5310	1212
454A 30 27	28	1- 1/8	50	124	124	5/8 X16	3/8	0	5110	1212	5110

4-A1-105

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A 30 28	210	144	70	70	692	692	544	75	75	0	0	139	75	75	692	692
400A 30 28	210	144	65	65	692	692	544	70	70	0	0	139	70	70	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 30 28	30	1- 1/8	55	133	132	1- 1/8 X16	9/16	5/16	1313	5010	5610
400A 30 28	30	1- 1/8	50	132	132	1- 1/16X16	9/16	5/16	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 30 28	29	1- 1/8	55	133	132	1- 1/8 X16	9/16	5/16	1313	5010	5610
400A 30 28	29	1- 1/8	50	133	132	1- 1/8 X16	9/16	5/16	1313	5010	5610

4-A1-106

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
103A	31	28	300	138	65	65	682	682	141	55	55	682	682	144	55	55	682	682
112A	31	28	300	153	45	45	683	683	153	45	45	683	683	153	45	45	683	683
121A	31	28	300	153	45	45	493	493	153	45	45	493	493	153	45	45	493	493
130A	31	28	300	153	45	45	493	493	154	45	45	493	493	154	45	45	493	493
139A	31	28	300	154	42	42	683	683	154	42	42	683	683	154	42	42	683	683
148A	31	28	300	153	46	46	683	683	153	46	46	683	683	153	46	46	683	683
157A	31	28	300	144	55	55	682	682	141	60	60	682	682	138	70	70	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	31	28	31	1- 1/8	50	132	124	13/16X16	7/16	0	5110	1311	5210
112A	31	28	31	1- 1/8	36	124	124	5/8 X16	1/2	0	1511	5210	1411
121A	31	28	31	1- 1/8	36	124	123	9/16X16	1/2	0	5210	1411	5210
130A	31	28	31	1- 1/8	36	123	124	1/2 X16	1/2	0	1411	5210	1411
139A	31	28	31	1- 1/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
148A	31	28	31	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1511
157A	31	28	31	1- 1/8	55	124	132	7/8 X16	1/2	5/16	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	31	28	30	1- 1/8	50	132	124	13/16X16	7/16	0	5110	1311	5210
112A	31	28	30	1- 1/8	36	124	124	5/8 X16	1/2	0	1511	5210	1411
121A	31	28	30	1- 1/8	36	124	123	9/16X16	1/2	0	5210	1411	5210
130A	31	28	30	1- 1/8	36	123	124	1/2 X16	1/2	0	1411	5210	1411
139A	31	28	30	1- 1/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
148A	31	28	30	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1511
157A	31	28	30	1- 1/8	55	124	133	15/16X16	1/2	5/16	5210	1311	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	31	28	29	1- 1/8	50	132	124	13/16X16	7/16	0	5110	1311	5210
112A	31	28	29	1- 1/8	36	124	124	5/8 X16	1/2	0	1511	5210	1411
121A	31	28	29	1- 1/8	36	124	123	9/16X16	1/2	0	5210	1411	5210
130A	31	28	29	1- 1/8	36	123	124	1/2 X16	1/2	0	1411	5210	1411
139A	31	28	29	1- 1/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
148A	31	28	29	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1511
157A	31	28	29	1- 1/8	55	124	133	15/16X16	1/2	5/16	5210	1311	5110

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A 31 28	300	132	85	85	691	691	133	75	75	681	682	133	75	75	681	682
212A 31 28	300	134	70	70	682	682	135	70	70	682	682	136	70	70	682	682
221A 31 28	300	142	60	60	492	492	141	55	55	492	492	141	60	60	492	492
230A 31 28	300	140	55	55	492	492	140	55	55	492	492	140	55	55	492	492
239A 31 28	300	141	50	50	492	492	141	50	50	492	492	142	50	50	492	492
248A 31 28	300	136	55	55	492	492	135	55	55	492	492	134	60	60	492	492
257A 31 28	300	133	65	65	491	492	133	65	65	491	492	132	75	75	681	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 31 28	31	1- 1/8	65	132	124	13/16X16	7/16	0	1013	5210	5010
212A 31 28	31	1- 1/8	50	124	124	11/16X16	3/8	0	5210	5010	5210
221A 31 28	31	1- 1/8	42	123	123	9/16X16	3/8	0	5210	1111	5210
230A 31 28	31	1- 1/8	42	123	123	3/8 X16	5/16	0	1111	5210	1111
239A 31 28	31	1- 1/8	36	123	123	1/2 X16	3/8	0	5210	1111	5210
248A 31 28	31	1- 1/8	42	123	124	9/16X16	3/8	0	5210	5010	5210
257A 31 28	31	1- 1/8	55	124	132	11/16X16	3/8	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 31 28	30	1- 1/8	65	132	124	7/8 X16	7/16	0	1013	5210	5010
212A 31 28	30	1- 1/8	50	124	124	11/16X16	3/8	0	5210	5010	5210
221A 31 28	30	1- 1/8	42	123	123	9/16X16	3/8	0	5210	1111	5210
230A 31 28	30	1- 1/8	42	123	123	3/8 X16	5/16	0	1111	5210	1111
239A 31 28	30	1- 1/8	36	123	123	1/2 X16	3/8	0	5210	1111	5210
248A 31 28	30	1- 1/8	42	123	124	9/16X16	3/8	0	5210	5010	5210
257A 31 28	30	1- 1/8	60	124	132	3/4 X16	3/8	0	5010	5210	1013

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 31 28	29	1- 1/8	65	132	124	7/8 X16	7/16	0	1013	5210	5010
212A 31 28	29	1- 1/8	50	124	124	11/16X16	3/8	0	5210	5010	5210
221A 31 28	29	1- 1/8	42	123	123	9/16X16	3/8	0	5210	1111	5210
230A 31 28	29	1- 1/8	42	123	123	3/8 X16	5/16	0	1111	5210	1111
239A 31 28	29	1- 1/8	36	123	123	1/2 X16	3/8	0	5210	1111	5210
248A 31 28	29	1- 1/8	42	123	124	9/16X16	3/8	0	5210	5010	5210
257A 31 28	29	1- 1/8	60	124	132	3/4 X16	3/8	0	5010	5210	1013

4-A1-108

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
303A 31 28	300	138	60	60	682	682	141	55	55	682	682	144	50	50	682	682
312A 31 28	300	153	45	45	493	493	153	45	45	493	493	153	45	45	493	493
321A 31 28	300	153	45	45	493	493	153	46	46	493	493	153	46	46	493	493
330A 31 28	300	153	50	50	493	493	154	50	50	493	493	154	50	50	493	493
339A 31 28	300	154	50	50	683	683	154	50	50	683	683	154	50	50	683	683
348A 31 28	300	153	50	50	683	683	153	50	50	683	683	153	50	50	683	683
357A 31 28	300	144	55	55	682	682	141	55	55	682	682	138	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A 31 28	31	1- 1/8	46	132	124	3/4 X16	7/16	0	5110	1311	5210
312A 31 28	31	1- 1/8	36	124	124	9/16X16	1/2	0	1511	5210	1411
321A 31 28	31	1- 1/8	36	123	123	1/2 X15	1/2	0	5210	1411	5210
330A 31 28	31	1- 1/8	36	123	123	1/2 X16	1/2	0	1411	5210	1411
339A 31 28	31	1- 1/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
348A 31 28	31	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1511
357A 31 28	31	1- 1/8	50	124	132	7/8 X16	7/16	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A 31 28	30	1- 1/8	46	132	124	3/4 X16	7/16	0	5110	1311	5210
312A 31 28	30	1- 1/8	36	124	124	5/8 X16	1/2	0	1511	5210	1411
321A 31 28	30	1- 1/8	36	123	123	1/2 X15	1/2	0	5210	1411	5210
330A 31 28	30	1- 1/8	36	123	123	1/2 X16	1/2	0	1411	5210	1411
339A 31 28	30	1- 1/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
348A 31 28	30	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1511
357A 31 28	30	1- 1/8	50	124	132	7/8 X16	7/16	0	5210	1311	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A 31 28	29	1- 1/8	46	132	124	3/4 X16	7/16	0	5110	1311	5210
312A 31 28	29	1- 1/8	36	124	124	5/8 X16	1/2	0	1511	5210	1411
321A 31 28	29	1- 1/8	36	123	123	1/2 X15	1/2	0	5210	1411	5210
330A 31 28	29	1- 1/8	36	123	124	1/2 X16	1/2	0	1411	5210	1411
339A 31 28	29	1- 1/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
348A 31 28	29	1- 1/8	36	124	124	3/4 X16	1/2	0	1411	5210	1511
357A 31 28	29	1- 1/8	50	124	133	7/8 X16	1/2	5/16	5210	1311	5110

4-A1-109

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

EVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
403A	31	28	300	132	75	75	691	691	133	70	70	681	682	133	70	70	681	682
412A	31	28	300	134	60	60	682	682	135	60	60	682	682	136	60	60	682	682
421A	31	28	300	142	50	50	492	492	141	50	50	492	492	141	50	50	492	492
430A	31	28	300	140	55	55	492	492	140	55	55	492	492	140	55	55	492	492
439A	31	28	300	141	55	55	492	492	141	55	55	492	492	142	55	55	492	492
448A	31	28	300	136	65	65	492	492	135	65	65	492	492	134	70	70	492	492
457A	31	28	300	133	70	70	681	682	133	70	70	681	682	132	80	80	681	681

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	31	28	31	1- 1/8	60	132	124	13/16X16	7/16	0	1013	5210	5010
412A	31	28	31	1- 1/8	42	124	124	11/16X16	3/8	0	5210	5010	5210
421A	31	28	31	1- 1/8	36	123	123	9/16X16	3/8	0	5210	1111	5210
430A	31	28	31	1- 1/8	42	123	123	7/16X16	5/16	0	1111	5210	1111
439A	31	28	31	1- 1/8	42	123	123	9/16X16	3/8	0	5210	1111	5210
448A	31	28	31	1- 1/8	45	124	124	5/8 X16	3/8	0	5210	5010	5210
457A	31	28	31	1- 1/8	60	124	132	3/4 X16	7/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	31	28	30	1- 1/8	60	132	124	13/16X16	7/16	0	1013	5210	5010
412A	31	28	30	1- 1/8	42	124	124	11/16X16	3/8	0	5210	5010	5210
421A	31	28	30	1- 1/8	36	123	123	9/16X16	3/8	0	5210	1111	5210
430A	31	28	30	1- 1/8	42	123	123	7/16X16	5/16	0	1111	5210	1111
439A	31	28	30	1- 1/8	42	123	123	9/16X16	3/8	0	5210	1111	5210
448A	31	28	30	1- 1/8	46	124	124	5/8 X16	3/8	0	5210	5010	5210
457A	31	28	30	1- 1/8	60	124	132	3/4 X16	7/16	0	5010	5210	1013

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	31	28	29	1- 1/8	60	132	124	7/8 X16	7/16	0	1013	5210	5010
412A	31	28	29	1- 1/8	42	124	124	11/16X16	3/8	0	5210	5010	5210
421A	31	28	29	1- 1/8	36	123	123	9/16X16	3/8	0	5210	1111	5210
430A	31	28	29	1- 1/8	42	123	123	7/16X16	5/16	0	1111	5210	1111
439A	31	28	29	1- 1/8	42	123	123	9/16X16	3/8	0	5210	1111	5210
448A	31	28	29	1- 1/8	46	124	124	5/8 X16	3/8	0	5210	5010	5210
457A	31	28	29	1- 1/8	60	124	132	3/4 X16	7/16	0	5010	5210	1013

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A	31	29	210	139	75	75	692	692	543	75	75	0	0	143	65	65	692	692
300A	31	29	210	139	70	70	692	692	543	70	70	0	0	143	60	60	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	31	29	31	1- 1/8	50	132	132	1 X16	1/2	5/16	5410	5010	1313
300A	31	29	31	1- 1/8	50	132	132	15/16X16	1/2	5/16	5410	5010	1313

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	31	29	30	1- 1/8	50	132	132	1 X16	1/2	5/16	5410	5010	1313
300A	31	29	30	1- 1/8	50	132	132	15/16X16	1/2	5/16	5410	5010	1313

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

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
109A 32 29	300	150	45	45	682	683	150	45	45	683	683	152	45	45	683	683
118A 32 29	300	152	42	42	493	493	152	42	42	493	493	152	42	42	493	493
127A 32 29	300	152	45	45	493	493	152	45	45	493	493	153	45	45	493	493
133A 32 29	300	154	42	42	493	493	154	42	42	493	493	154	42	42	493	493
142A 32 29	300	153	45	45	683	683	153	45	45	683	683	152	45	45	683	683
151A 32 29	300	152	50	50	683	683	150	50	50	683	683	150	50	50	682	683

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A 32 29	32	1- 1/8	36	124	124	5/8 X16	7/16	0	5210	1411	5210
118A 32 29	32	1- 1/8	36	124	124	9/16X16	3/8	0	1411	5210	1411
127A 32 29	32	1- 1/8	36	123	123	7/16X16	3/8	0	5110	1411	5210
133A 32 29	32	1- 1/8	36	123	124	9/16X16	1/2	0	5210	1411	5110
142A 32 29	32	1- 1/8	36	124	124	3/4 X16	7/16	0	1411	5210	1411
151A 32 29	32	1- 1/8	36	124	124	3/4 X16	7/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A 32 29	31	1- 1/8	36	124	124	5/8 X16	7/16	0	5210	1411	5210
118A 32 29	31	1- 1/8	36	124	124	9/16X16	3/8	0	1411	5210	1411
127A 32 29	31	1- 1/8	36	123	123	7/16X16	3/8	0	5110	1411	5210
133A 32 29	31	1- 1/8	36	124	124	5/8 X16	1/2	0	5210	1411	5110
142A 32 29	31	1- 1/8	36	124	124	3/4 X16	7/16	0	1411	5210	1411
151A 32 29	31	1- 1/8	36	124	124	3/4 X16	7/16	0	5210	1411	5210

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

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A 32 29	30	1- 1/8	36	124	124	5/8 X16	7/16	0	5210	1411	5210
118A 32 29	30	1- 1/8	36	124	124	9/16X16	3/8	0	1411	5210	1411
127A 32 29	30	1- 1/8	36	123	123	1/2 X16	3/8	0	5110	1411	5210
133A 32 29	30	1- 1/8	36	124	124	5/8 X16	1/2	0	5210	1411	5110
142A 32 29	30	1- 1/8	36	124	124	3/4 X16	7/16	0	1411	5210	1411
151A 32 29	30	1- 1/8	36	124	124	3/4 X16	7/16	0	5210	1411	5210

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
209A	32	29	300	133	75	75	681	682	134	75	75	682	682	134	75	75	682	682
218A	32	29	300	141	60	60	492	492	141	60	60	492	492	141	60	60	492	492
227A	32	29	300	139	60	60	492	492	139	60	60	492	492	139	55	55	492	492
233A	32	29	300	139	55	55	492	492	139	55	55	492	492	139	55	55	492	492
242A	32	29	300	141	50	50	492	492	141	50	50	492	492	141	50	50	492	492
251A	32	29	300	134	60	60	492	492	134	60	60	492	492	133	65	65	491	492

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	32	29	32	1- 1/8	50	124	124	11/16X16	3/8	0	5010	5210	1212
218A	32	29	32	1- 1/8	42	124	123	5/8 X16	3/8	0	1611	5210	1111
227A	32	29	32	1- 1/8	42	123	123	7/16X16	5/16	0	5110	1111	5210
233A	32	29	32	1- 1/8	42	123	123	7/16X16	5/16	0	5210	1111	5110
242A	32	29	32	1- 1/8	36	123	123	9/16X16	3/8	0	1111	5210	1611
251A	32	29	32	1- 1/8	42	124	124	9/16X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	32	29	31	1- 1/8	50	124	124	11/16X16	3/8	0	5010	5210	1212
218A	32	29	31	1- 1/8	42	124	123	5/8 X16	3/8	0	1611	5210	1111
227A	32	29	31	1- 1/8	42	123	123	7/16X16	5/16	0	5110	1111	5210
233A	32	29	31	1- 1/8	42	123	123	7/16X16	5/16	0	5210	1111	5110
242A	32	29	31	1- 1/8	36	123	123	9/16X16	3/8	0	1111	5210	1611
251A	32	29	31	1- 1/8	42	124	124	9/16X16	3/8	0	1212	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	32	29	30	1- 1/8	50	124	124	11/16X16	3/8	0	5010	5210	1212
218A	32	29	30	1- 1/8	42	124	123	5/8 X16	3/8	0	1611	5210	1111
227A	32	29	30	1- 1/8	42	123	123	7/16X16	5/16	0	5110	1111	5210
233A	32	29	30	1- 1/8	42	123	123	7/16X16	5/16	0	5210	1111	5110
242A	32	29	30	1- 1/8	36	123	123	9/16X16	3/8	0	1111	5210	1611
251A	32	29	30	1- 1/8	42	124	124	5/8 X16	3/8	0	1212	5210	5010

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
309A	32	29	300	150	46	46	492	683	150	45	45	493	493	152	45	45	493	493
318A	32	29	300	152	45	45	493	493	152	45	45	493	493	152	45	45	493	493
327A	32	29	300	152	50	50	493	493	152	50	50	493	493	153	50	50	493	493
333A	32	29	300	154	50	50	493	493	154	50	50	493	493	154	50	50	493	493
342A	32	29	300	153	50	50	683	683	153	50	50	683	683	152	50	50	683	683
351A	32	29	300	152	50	50	683	683	150	50	50	683	683	150	50	50	682	683

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	32	29	32	1- 1/8	36	124	124	9/16X16	3/8	0	5210	1411	5210
318A	32	29	32	1- 1/8	36	124	123	9/16X16	3/8	0	1411	5210	1411
327A	32	29	32	1- 1/8	36	123	123	7/16X16	3/8	0	5110	1411	5210
333A	32	29	32	1- 1/8	36	123	124	9/16X16	1/2	0	5210	1411	5110
342A	32	29	32	1- 1/8	36	124	124	11/16X16	7/16	0	1411	5210	1411
351A	32	29	32	1- 1/8	36	124	124	3/4 X16	7/16	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	32	29	31	1- 1/8	36	124	124	9/16X16	3/8	0	5210	1411	5210
318A	32	29	31	1- 1/8	36	124	123	9/16X16	3/8	0	1411	5210	1411
327A	32	29	31	1- 1/8	36	123	123	7/16X16	3/8	0	5110	1411	5210
333A	32	29	31	1- 1/8	36	123	124	9/16X16	1/2	0	5210	1411	5110
342A	32	29	31	1- 1/8	36	124	124	11/16X16	7/16	0	1411	5210	1411
351A	32	29	31	1- 1/8	36	124	124	3/4 X16	7/16	0	5210	1411	5210

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	32	29	30	1- 1/8	36	124	124	5/8 X16	7/16	0	5210	1411	5210
318A	32	29	30	1- 1/8	36	124	123	9/16X16	3/8	0	1411	5210	1411
327A	32	29	30	1- 1/8	36	123	123	7/16X16	3/8	0	5110	1411	5210
333A	32	29	30	1- 1/8	36	123	124	9/16X16	1/2	0	5210	1411	5110
342A	32	29	30	1- 1/8	36	124	124	11/16X16	7/16	0	1411	5210	1411
351A	32	29	30	1- 1/8	36	124	124	3/4 X16	7/16	0	5210	1411	5210

4-A1-114

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
409A	32	29	300	133	65	65	681	682	134	65	65	682	682	134	65	65	682	682
418A	32	29	300	141	50	50	492	492	141	50	50	492	492	141	50	50	492	492
427A	32	29	300	139	55	55	492	492	139	55	55	492	492	139	55	55	492	492
433A	32	29	300	139	55	55	492	492	139	55	55	492	492	139	55	55	492	492
442A	32	29	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
451A	32	29	300	134	70	70	492	492	134	70	70	492	492	133	70	70	491	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	32	29	32	1- 1/8	45	124	124	11/16X16	3/8	0	5010	5210	1212
418A	32	29	32	1- 1/8	36	124	123	5/8 X16	3/8	0	1611	5210	1111
427A	32	29	32	1- 1/8	36	123	123	7/16X16	5/16	0	5110	1111	5210
433A	32	29	32	1- 1/8	42	123	123	7/16X16	5/16	0	5210	1111	5110
442A	32	29	32	1- 1/8	42	123	123	9/16X16	3/8	0	1111	5210	1611
451A	32	29	32	1- 1/8	46	124	124	5/8 X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	32	29	31	1- 1/8	45	124	124	11/16X16	3/8	0	5010	5210	1212
418A	32	29	31	1- 1/8	36	124	123	5/8 X16	3/8	0	1611	5210	1111
427A	32	29	31	1- 1/8	36	123	123	7/16X16	5/16	0	5110	1111	5210
433A	32	29	31	1- 1/8	42	123	123	7/16X16	5/16	0	5210	1111	5110
442A	32	29	31	1- 1/8	42	123	123	9/16X16	3/8	0	1111	5210	1611
451A	32	29	31	1- 1/8	50	124	124	5/8 X16	3/8	0	1212	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	32	29	30	1- 1/8	45	124	124	11/16X16	3/8	0	5010	5210	1212
418A	32	29	30	1- 1/8	36	124	123	5/8 X16	3/8	0	1611	5210	1111
427A	32	29	30	1- 1/8	42	123	123	7/16X16	5/16	0	5110	1111	5210
433A	32	29	30	1- 1/8	42	123	123	7/16X16	5/16	0	5210	1111	5110
442A	32	29	30	1- 1/8	42	123	123	9/16X16	3/8	0	1111	5210	1611
451A	32	29	30	1- 1/8	50	124	124	5/8 X16	3/8	0	1212	5210	5010

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

DIVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A 32 30	210	143	70	70	692	692	543	80	80	0	0	138	80	80	692	692
400A 32 30	210	143	65	65	692	692	543	70	70	0	0	138	70	70	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 32 30	32	1- 1/8	55	132	132	1- 1/16X16	9/16	5/16	1313	5010	5610
400A 32 30	32	1- 1/8	50	132	132	1- 1/16X16	1/2	5/16	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 32 30	31	1- 1/8	55	132	132	1- 1/16X16	9/16	5/16	1313	5010	5610
400A 32 30	31	1- 1/8	50	132	132	1- 1/16X16	1/2	5/16	1313	5010	5610

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

4-A1-116

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106A	33	30	300	145	50	50	682	682	147	50	50	682	682	148	50	50	682	682
115A	33	30	300	152	45	45	493	683	152	45	45	493	493	152	45	45	493	493
124A	33	30	300	152	45	45	493	493	152	45	45	493	493	152	45	45	493	493
136A	33	30	300	153	42	42	493	683	153	42	42	493	683	153	42	42	683	683
145A	33	30	300	152	45	45	683	683	152	46	46	683	683	152	46	46	683	683
154A	33	30	300	148	50	50	682	682	147	55	55	682	682	145	55	55	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	33	30	33	1- 1/16	36	124	124	9/16X16	3/8	0	1311	5110	1411
115A	33	30	33	1- 1/16	36	124	124	5/8 X16	3/8	0	5110	1411	5110
124A	33	30	33	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5110	1411
136A	33	30	33	1- 1/16	36	124	124	5/8 X16	1/2	0	1411	5110	1411
145A	33	30	33	1- 1/16	36	124	124	3/4 X16	7/16	0	5110	1411	5110
154A	33	30	33	1- 1/16	42	124	124	11/16X16	7/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	33	30	32	1- 1/8	36	124	124	5/8 X16	3/8	0	1311	5110	1411
115A	33	30	32	1- 1/8	36	124	124	5/8 X16	7/16	0	5110	1411	5110
124A	33	30	32	1- 1/8	36	123	123	1/2 X16	3/8	0	1411	5110	1411
136A	33	30	32	1- 1/8	36	124	124	5/8 X16	1/2	0	1411	5110	1411
145A	33	30	32	1- 1/8	36	124	124	3/4 X16	7/16	0	5110	1411	5110
154A	33	30	32	1- 1/8	36	124	124	11/16X16	7/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	33	30	31	1- 1/8	36	124	124	5/8 X16	7/16	0	1311	5110	1411
115A	33	30	31	1- 1/8	36	124	124	5/8 X16	7/16	0	5110	1411	5110
124A	33	30	31	1- 1/8	36	123	123	1/2 X16	3/8	0	1411	5110	1411
136A	33	30	31	1- 1/8	36	124	124	5/8 X16	1/2	0	1411	5110	1411
145A	33	30	31	1- 1/8	36	124	124	3/4 X16	7/16	0	5110	1411	5110
154A	33	30	31	1- 1/8	36	124	124	11/16X16	7/16	0	1411	5110	1311

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

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
206A 33 30	300	132	75	75	681	681	133	75	75	681	682	133	75	75	681	682
215A 33 30	300	137	65	65	492	682	139	60	60	492	492	140	60	60	492	492
224A 33 30	300	139	60	60	492	492	139	60	60	492	492	139	60	60	492	492
236A 33 30	300	139	55	55	492	492	139	55	55	492	492	139	55	55	492	492
245A 33 30	300	140	50	50	492	492	139	50	50	492	492	137	55	55	492	492
254A 33 30	300	133	65	65	491	492	133	65	65	491	492	132	65	65	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A 33 30	33	1- 1/16	50	124	124	11/16X16	3/8	0	5110	1212	5110
215A 33 30	33	1- 1/16	45	124	124	5/8 X16	3/8	0	1212	5510	5110
224A 33 30	33	1- 1/16	42	123	123	1/2 X16	5/16	0	1111	5110	1111
236A 33 30	33	1- 1/16	36	123	123	7/16X16	5/16	0	1111	5110	1111
245A 33 30	33	1- 1/16	42	123	123	9/16X16	3/8	0	5110	5310	1212
254A 33 30	33	1- 1/16	45	124	124	9/16X16	3/8	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A 33 30	32	1- 1/8	50	124	124	11/16X16	3/8	0	5110	1212	5110
215A 33 30	32	1- 1/8	45	124	124	5/8 X16	3/8	0	1212	5510	5110
224A 33 30	32	1- 1/8	42	123	123	1/2 X16	5/16	0	1111	5110	1111
236A 33 30	32	1- 1/8	36	123	123	7/16X16	5/16	0	1111	5110	1111
245A 33 30	32	1- 1/8	36	123	123	9/16X16	3/8	0	5110	5310	1212
254A 33 30	32	1- 1/8	45	124	124	5/8 X16	3/8	0	5110	1212	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A 33 30	31	1- 1/8	50	124	124	11/16X16	3/8	0	5110	1212	5110
215A 33 30	31	1- 1/8	45	124	124	5/8 X16	3/8	0	1212	5510	5110
224A 33 30	31	1- 1/8	42	123	123	1/2 X16	5/16	0	1111	5110	1111
236A 33 30	31	1- 1/8	36	123	123	7/16X16	5/16	0	1111	5110	1111
245A 33 30	31	1- 1/8	36	123	123	9/16X16	3/8	0	5110	5310	1212
254A 33 30	31	1- 1/8	45	124	124	5/8 X16	3/8	0	5110	1212	5110

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
306A	33	30	300	145	50	50	492	682	147	50	50	492	682	148	46	46	492	682
315A	33	30	300	152	46	46	493	493	152	46	46	493	493	152	46	46	493	493
324A	33	30	300	152	46	46	493	493	152	50	50	493	493	152	50	50	493	493
336A	33	30	300	153	50	50	493	493	153	50	50	493	493	153	50	50	683	683
345A	33	30	300	152	50	50	683	683	152	50	50	683	683	152	50	50	683	683
354A	33	30	300	148	50	50	682	682	147	50	50	682	682	145	50	50	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	33	30	33	1- 1/16	36	124	124	9/16X16	3/8	0	1311	5110	1411
315A	33	30	33	1- 1/16	36	124	124	9/16X16	3/8	0	5110	1411	5110
324A	33	30	33	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
336A	33	30	33	1- 1/16	36	124	124	5/8 X16	1/2	0	1411	5110	1411
345A	33	30	33	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
354A	33	30	33	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	33	30	32	1- 1/8	36	124	124	9/16X16	3/8	0	1311	5110	1411
315A	33	30	32	1- 1/8	36	124	124	9/16X16	3/8	0	5110	1411	5110
324A	33	30	32	1- 1/8	36	123	123	7/16X16	3/8	0	1411	5110	1411
336A	33	30	32	1- 1/8	36	124	124	5/8 X16	1/2	0	1411	5110	1411
345A	33	30	32	1- 1/8	36	124	124	3/4 X16	7/16	0	5110	1411	5110
354A	33	30	32	1- 1/8	36	124	124	11/16X16	7/16	0	1411	5110	1311

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	33	30	31	1- 1/8	36	124	124	9/16X16	3/8	0	1311	5110	1411
315A	33	30	31	1- 1/8	36	124	124	9/16X16	3/8	0	5110	1411	5110
324A	33	30	31	1- 1/8	36	123	123	7/16X16	3/8	0	1411	5110	1411
336A	33	30	31	1- 1/8	36	124	124	5/8 X16	1/2	0	1411	5110	1411
345A	33	30	31	1- 1/8	36	124	124	3/4 X16	7/16	0	5110	1411	5110
354A	33	30	31	1- 1/8	36	124	124	11/16X16	7/16	0	1411	5110	1311

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406A 33 30	300	132	70	70	681	681	133	70	70	681	682	133	65	65	681	682
415A 33 30	300	137	55	55	492	492	139	50	50	492	492	140	50	50	492	492
424A 33 30	300	139	55	55	492	492	139	55	55	492	492	139	55	55	492	492
436A 33 30	300	139	55	55	492	492	139	60	60	492	492	139	60	60	492	492
445A 33 30	300	140	60	60	492	492	139	60	60	492	492	137	65	65	492	492
454A 33 30	300	133	70	70	491	682	133	70	70	491	682	132	70	70	491	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
406A 33 30	33	1- 1/16	45	124	124	11/16X16	3/8	0	5110	1212	5110
415A 33 30	33	1- 1/16	42	124	124	5/8 X16	3/8	0	1212	5510	5110
424A 33 30	33	1- 1/16	36	123	123	1/2 X16	5/16	0	1111	5110	1111
436A 33 30	33	1- 1/16	42	123	123	1/2 X16	5/16	0	1111	5110	1111
445A 33 30	33	1- 1/16	42	123	124	5/8 X16	3/8	0	5110	5310	1212
454A 33 30	33	1- 1/16	50	124	124	5/8 X16	3/8	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
406A 33 30	32	1- 1/8	46	124	124	11/16X16	3/8	0	5110	1212	5110
415A 33 30	32	1- 1/8	36	124	124	5/8 X16	3/8	0	1212	5510	5110
424A 33 30	32	1- 1/8	36	123	123	1/2 X16	5/16	0	1111	5110	1111
436A 33 30	32	1- 1/8	42	123	123	1/2 X16	5/16	0	1111	5110	1111
445A 33 30	32	1- 1/8	42	123	124	5/8 X16	3/8	0	5110	5310	1212
454A 33 30	32	1- 1/8	50	124	124	5/8 X16	3/8	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
406A 33 30	31	1- 1/8	46	124	124	11/16X16	3/8	0	5110	1212	5110
415A 33 30	31	1- 1/8	36	124	124	5/8 X16	3/8	0	1212	5510	5110
424A 33 30	31	1- 1/8	36	123	123	1/2 X16	5/16	0	1111	5110	1111
436A 33 30	31	1- 1/8	42	123	123	1/2 X16	5/16	0	1111	5110	1111
445A 33 30	31	1- 1/8	42	123	124	5/8 X16	3/8	0	5110	5310	1212
454A 33 30	31	1- 1/8	50	124	124	5/8 X16	3/8	0	5110	1212	5110

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

4-A1-120

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A 33 31	210	138	75	75	692	692	542	75	75	0	0	142	65	65	692	692
300A 33 31	210	138	70	70	692	692	542	70	70	0	0	142	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 33 31	33	1- 1/16	50	132	132	15/16X16	1/2	5/16	5410	5010	1313
300A 33 31	33	1- 1/16	50	132	132	15/16X16	1/2	5/16	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 33 31	32	1- 1/8	50	132	132	15/16X16	1/2	5/16	5410	5010	1313
300A 33 31	32	1- 1/8	50	132	132	15/16X16	1/2	5/16	5410	5010	1313

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

4-A1-121

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A 34 31	300	138	65	65	682	682	140	55	55	682	682	142	55	55	682	682
112A 34 31	300	151	45	45	683	683	151	45	45	493	683	151	45	45	493	683
121A 34 31	300	151	45	45	493	493	151	45	45	493	493	151	45	45	493	493
130A 34 31	300	152	45	45	493	493	153	45	45	493	493	153	45	45	493	493
139A 34 31	300	153	42	42	683	683	153	42	42	683	683	153	42	42	683	683
148A 34 31	300	151	46	46	683	683	151	50	50	683	683	151	50	50	683	683
157A 34 31	300	142	60	60	682	682	140	60	60	682	682	138	70	70	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A 34 31	34	1- 1/16	50	132	124	3/4 X16	7/16	0	5110	1311	5210
112A 34 31	34	1- 1/16	36	124	124	5/8 X16	7/16	0	1511	5210	1411
121A 34 31	34	1- 1/16	36	123	123	1/2 X16	3/8	0	5210	1411	5210
130A 34 31	34	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
139A 34 31	34	1- 1/16	36	124	124	11/16X16	1/2	0	5210	1411	5210
148A 34 31	34	1- 1/16	36	124	124	3/4 X16	7/16	0	1411	5210	1511
157A 34 31	34	1- 1/16	55	124	132	7/8 X16	7/16	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A 34 31	33	1- 1/16	50	132	124	13/16X16	7/16	0	5110	1311	5210
112A 34 31	33	1- 1/16	36	124	124	5/8 X16	7/16	0	1511	5210	1411
121A 34 31	33	1- 1/16	36	123	123	1/2 X16	3/8	0	5210	1411	5210
130A 34 31	33	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
139A 34 31	33	1- 1/16	36	124	124	11/16X16	1/2	0	5210	1411	5210
148A 34 31	33	1- 1/16	36	124	124	3/4 X16	7/16	0	1411	5210	1511
157A 34 31	33	1- 1/16	55	124	132	7/8 X16	7/16	0	5210	1311	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A 34 31	32	1- 1/8	50	132	124	13/16X16	7/16	0	5110	1311	5210
112A 34 31	32	1- 1/8	36	124	124	5/8 X16	7/16	0	1511	5210	1411
121A 34 31	32	1- 1/8	36	124	123	1/2 X16	3/8	0	5210	1411	5210
130A 34 31	32	1- 1/8	36	123	123	1/2 X16	3/8	0	1411	5210	1411
139A 34 31	32	1- 1/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
148A 34 31	32	1- 1/8	36	124	124	3/4 X16	7/16	0	1411	5210	1511
157A 34 31	32	1- 1/8	55	124	132	7/8 X16	7/16	0	5210	1311	5110

4-A1-122

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

EVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A	34	31	300	132	80	80	691	691	132	75	75	681	681	132	75	75	681	681
212A	34	31	300	133	70	70	681	682	135	70	70	492	682	135	65	65	492	682
221A	34	31	300	141	60	60	492	492	140	60	60	492	492	140	60	60	492	492
230A	34	31	300	139	55	55	442	492	139	55	55	442	492	139	55	55	442	492
239A	34	31	300	140	50	50	492	492	140	50	50	492	492	141	50	50	492	492
248A	34	31	300	135	55	55	492	492	135	60	60	492	492	133	60	60	491	492
257A	34	31	300	132	65	65	491	491	132	65	65	491	491	132	70	70	681	681

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	34	31	34	1- 1/16	65	132	124	13/16X16	7/16	0	1013	5210	5010
212A	34	31	34	1- 1/16	50	124	124	5/8 X16	3/8	0	5210	5010	5210
221A	34	31	34	1- 1/16	42	123	123	9/16X16	5/16	0	5210	1111	5210
230A	34	31	34	1- 1/16	42	123	123	3/8 X16	5/16	0	1111	5210	1111
239A	34	31	34	1- 1/16	36	123	123	1/2 X16	5/16	0	5210	1111	5210
248A	34	31	34	1- 1/16	42	123	123	9/16X16	5/16	0	5210	5010	5210
257A	34	31	34	1- 1/16	55	124	132	11/16X16	3/8	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	34	31	33	1- 1/16	65	132	124	13/16X16	7/16	0	1013	5210	5010
212A	34	31	33	1- 1/16	50	124	124	5/8 X16	3/8	0	5210	5010	5210
221A	34	31	33	1- 1/16	42	123	123	9/16X16	5/16	0	5210	1111	5210
230A	34	31	33	1- 1/16	42	123	123	3/8 X16	5/16	0	1111	5210	1111
239A	34	31	33	1- 1/16	36	123	123	1/2 X16	5/16	0	5210	1111	5210
248A	34	31	33	1- 1/16	42	123	124	9/16X16	3/8	0	5210	5010	5210
257A	34	31	33	1- 1/16	55	124	132	11/16X16	3/8	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	34	31	32	1- 1/8	65	132	124	13/16X16	7/16	0	1013	5210	5010
212A	34	31	32	1- 1/8	50	124	124	11/16X16	3/8	0	5210	5010	5210
221A	34	31	32	1- 1/8	42	123	123	9/16X16	3/8	0	5210	1111	5210
230A	34	31	32	1- 1/8	42	123	123	3/8 X16	5/16	0	1111	5210	1111
239A	34	31	32	1- 1/8	36	123	123	1/2 X16	5/16	0	5210	1111	5210
248A	34	31	32	1- 1/8	42	123	124	9/16X16	3/8	0	5210	5010	5210
257A	34	31	32	1- 1/8	55	124	132	11/16X16	3/8	0	5010	5210	1013

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

4-A1-123

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	C1 FY1	C1 FY2	C1 CSU	C1 CSL	COLUMN 2 TYPE	C2 FY1	C2 FY2	C2 CSU	C2 CSL	COLUMN 3 TYPE	C3 FY1	C3 FY2	C3 CSU	C3 CSL
303A 34 31	300	138	60	60	682	682	140	55	55	492	682	142	50	50	492	682
312A 34 31	300	151	45	45	493	493	151	45	45	493	493	151	45	45	493	493
321A 34 31	300	151	45	45	493	493	151	46	46	493	493	151	46	46	493	493
330A 34 31	300	152	50	50	493	493	153	50	50	493	493	153	50	50	493	493
339A 34 31	300	153	50	50	683	683	153	50	50	683	683	153	50	50	683	683
348A 34 31	300	151	50	50	683	683	151	50	50	683	683	151	50	50	683	683
357A 34 31	300	142	55	55	682	682	140	55	55	682	682	138	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A 34 31	34	1- 1/16	50	132	124	3/4 X16	7/16	0	5110	1311	5210
312A 34 31	34	1- 1/16	36	124	124	9/16X16	3/8	0	1511	5210	1411
321A 34 31	34	1- 1/16	36	123	123	1/2 X16	3/8	0	5210	1411	5210
330A 34 31	34	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
339A 34 31	34	1- 1/16	36	124	124	11/16X16	1/2	0	5210	1411	5210
348A 34 31	34	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1511
357A 34 31	34	1- 1/16	50	124	132	7/8 X16	7/16	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A 34 31	33	1- 1/16	50	132	124	3/4 X16	7/16	0	5110	1311	5210
312A 34 31	33	1- 1/16	36	124	124	9/16X16	3/8	0	1511	5210	1411
321A 34 31	33	1- 1/16	36	123	123	1/2 X16	3/8	0	5210	1411	5210
330A 34 31	33	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
339A 34 31	33	1- 1/16	36	124	124	11/16X16	1/2	0	5210	1411	5210
348A 34 31	33	1- 1/16	36	124	124	3/4 X16	7/16	0	1411	5210	1511
357A 34 31	33	1- 1/16	50	124	132	7/8 X16	7/16	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A 34 31	32	1- 1/8	46	132	124	3/4 X16	7/16	0	5110	1311	5210
312A 34 31	32	1- 1/8	36	124	124	9/16X16	3/8	0	1511	5210	1411
321A 34 31	32	1- 1/8	36	123	123	1/2 X16	3/8	0	5210	1411	5210
330A 34 31	32	1- 1/8	36	123	123	1/2 X16	3/8	0	1411	5210	1411
339A 34 31	32	1- 1/8	36	124	124	11/16X16	1/2	0	5210	1411	5210
348A 34 31	32	1- 1/8	36	124	124	3/4 X16	7/16	0	1411	5210	1511
357A 34 31	32	1- 1/8	50	124	132	7/8 X16	7/16	0	5210	1311	5110

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

4-A1-124

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403A 34 31	300	132	75	75	681	691	132	70	70	681	681	132	70	70	681	681
412A 34 31	300	133	65	65	681	682	135	60	60	492	682	135	55	55	492	682
421A 34 31	300	141	50	50	492	492	140	50	50	492	492	140	50	50	492	492
430A 34 31	300	139	55	55	442	492	139	55	55	442	492	139	55	55	492	492
439A 34 31	300	140	55	55	492	492	140	55	55	492	492	141	55	55	492	492
448A 34 31	300	135	65	65	492	492	135	65	65	492	492	133	70	70	491	492
457A 34 31	300	132	70	70	491	681	132	70	70	491	681	132	75	75	681	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A 34 31	34	1- 1/16	60	132	124	13/16X16	7/16	0	1013	5210	5010
412A 34 31	34	1- 1/16	42	124	124	5/8 X16	3/8	0	5210	5010	5210
421A 34 31	34	1- 1/16	36	123	123	9/16X16	5/16	0	5210	1111	5210
430A 34 31	34	1- 1/16	42	123	123	3/8 X16	5/16	0	1111	5210	1111
439A 34 31	34	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	1111	5210
448A 34 31	34	1- 1/16	46	124	124	9/16X16	3/8	0	5210	5010	5210
457A 34 31	34	1- 1/16	60	124	132	3/4 X16	7/16	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A 34 31	33	1- 1/16	60	132	124	13/16X16	7/16	0	1013	5210	5010
412A 34 31	33	1- 1/16	42	124	124	5/8 X16	3/8	0	5210	5010	5210
421A 34 31	33	1- 1/16	36	123	123	9/16X16	5/16	0	5210	1111	5210
430A 34 31	33	1- 1/16	42	123	123	3/8 X16	5/16	0	1111	5210	1111
439A 34 31	33	1- 1/16	42	123	123	9/16X16	5/16	0	5210	1111	5210
448A 34 31	33	1- 1/16	46	124	124	9/16X16	3/8	0	5210	5010	5210
457A 34 31	33	1- 1/16	60	124	132	3/4 X16	7/16	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A 34 31	32	1- 1/8	60	132	124	13/16X16	7/16	0	1013	5210	5010
412A 34 31	32	1- 1/8	42	124	124	5/8 X16	3/8	0	5210	5010	5210
421A 34 31	32	1- 1/8	36	123	123	9/16X16	5/16	0	5210	1111	5210
430A 34 31	32	1- 1/8	42	123	123	7/16X16	5/16	0	1111	5210	1111
439A 34 31	32	1- 1/8	42	123	123	9/16X16	5/16	0	5210	1111	5210
448A 34 31	32	1- 1/8	46	124	124	5/8 X16	3/8	0	5210	5010	5210
457A 34 31	32	1- 1/8	60	124	132	3/4 X16	7/16	0	5010	5210	1013

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

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A	34	32	210	141	70	70	692	692	541	75	75	0	0	138	75	75	692	692
400A	34	32	210	141	65	65	692	692	541	70	70	0	0	138	70	70	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A	34	32	34	1- 1/16	55	132	132	1- 1/16X16	1/2	5/16	1313	5010	5610
400A	34	32	34	1- 1/16	50	132	132	1- 1/16X16	1/2	5/16	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A	34	32	33	1- 1/16	55	132	132	1- 1/16X16	9/16	5/16	1313	5010	5610
400A	34	32	33	1- 1/16	50	132	132	1- 1/16X16	1/2	5/16	1313	5010	5610

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

4-A1-126

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
109A 35 32	300	148	46	46	682	682	150	45	45	682	683	150	45	45	683	683
118A 35 32	300	150	42	42	493	493	150	42	42	493	493	150	45	45	493	493
127A 35 32	300	150	45	45	493	493	151	45	45	493	493	151	45	45	493	493
133A 35 32	300	153	45	45	493	493	153	45	45	493	493	153	45	45	493	493
142A 35 32	300	152	45	45	683	683	151	45	45	683	683	151	45	45	683	683
151A 35 32	300	150	50	50	683	683	150	50	50	682	683	148	50	50	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A 35 32	35	1- 1/16	36	124	124	5/8 X16	3/8	0	5210	1411	5210
118A 35 32	35	1- 1/16	36	124	123	9/16X16	3/8	0	1411	5210	1411
127A 35 32	35	1- 1/16	36	123	123	7/16X16	3/8	0	5110	1411	5210
133A 35 32	35	1- 1/16	36	123	124	9/16X16	1/2	0	5210	1411	5110
142A 35 32	35	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1411
151A 35 32	35	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A 35 32	34	1- 1/16	36	124	124	5/8 X16	3/8	0	5210	1411	5210
~~118A 35 32~~	~~34~~	~~1- 1/16~~	~~36~~	~~124~~	~~123~~	~~9/16X16~~	~~3/8~~	~~0~~	~~1411~~	~~5210~~	~~1411~~
127A 35 32	34	1- 1/16	36	123	123	7/16X16	3/8	0	5110	1411	5210
133A 35 32	34	1- 1/16	36	123	124	9/16X16	1/2	0	5210	1411	5110
142A 35 32	34	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1411
151A 35 32	34	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A 35 32	33	1- 1/16	36	124	124	5/8 X16	7/16	0	5210	1411	5210
118A 35 32	33	1- 1/16	36	124	123	9/16X16	3/8	0	1411	5210	1411
127A 35 32	33	1- 1/16	36	123	123	7/16X16	3/8	0	5110	1411	5210
133A 35 32	33	1- 1/16	36	123	124	9/16X16	1/2	0	5210	1411	5110
142A 35 32	33	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1411
151A 35 32	33	1- 1/16	36	124	124	3/4 X16	7/16	0	5210	1411	5210

4-A1-127

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6- 5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
209A 35 32	300	132	75	75	681	681	133	75	75	681	682	133	75	75	681	682
218A 35 32	300	141	60	60	492	492	141	60	60	492	492	141	60	60	492	492
227A 35 32	300	138	60	60	492	492	138	60	60	492	492	138	55	55	492	492
233A 35 32	300	138	55	55	442	492	138	55	55	442	492	138	55	55	492	492
242A 35 32	300	141	50	50	492	492	141	50	50	492	492	141	50	50	492	492
251A 35 32	300	133	65	65	491	492	133	65	65	491	492	132	65	65	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 35 32	35	1- 1/16	50	124	124	5/8 X16	3/8	0	5010	5210	1212
218A 35 32	35	1- 1/16	42	124	123	5/8 X16	3/8	0	1611	5210	1111
227A 35 32	35	1- 1/16	42	123	123	7/16X16	5/16	0	5110	1111	5210
233A 35 32	35	1- 1/16	42	123	123	3/8 X16	5/16	0	5210	1111	5110
242A 35 32	35	1- 1/16	36	123	123	1/2 X16	3/8	0	1111	5210	1611
251A 35 32	35	1- 1/16	42	123	124	9/16X16	3/8	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 35 32	34	1- 1/16	50	124	124	11/16X16	3/8	0	5010	5210	1212
~~218A 35 32~~	~~34~~	~~1- 1/16~~	~~42~~	~~124~~	~~123~~	~~5/8 X16~~	~~3/8~~	~~0~~	~~1611~~	~~5210~~	~~1111~~
227A 35 32	34	1- 1/16	42	123	123	7/16X16	5/16	0	5110	1111	5210
233A 35 32	34	1- 1/16	42	123	123	3/8 X16	5/16	0	5210	1111	5110
242A 35 32	34	1- 1/16	36	123	123	9/16X16	3/8	0	1111	5210	1611
251A 35 32	34	1- 1/16	45	123	124	9/16X16	3/8	0	1212	5210	5010

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 35 32	33	1- 1/16	50	124	124	11/16X16	3/8	0	5010	5210	1212
218A 35 32	33	1- 1/16	42	124	123	5/8 X16	3/8	0	1611	5210	1111
227A 35 32	33	1- 1/16	42	123	123	7/16X16	5/16	0	5110	1111	5210
233A 35 32	33	1- 1/16	42	123	123	3/8 X16	5/16	0	5210	1111	5110
242A 35 32	33	1- 1/16	36	123	123	9/16X16	3/8	0	1111	5210	1611
251A 35 32	33	1- 1/16	45	124	124	9/16X16	3/8	0	1212	5210	5010

4-A1-128

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309A	35	32	300	148	46	46	492	492	150	46	46	492	493	150	45	45	493	493
318A	35	32	300	150	46	46	493	493	150	46	46	493	493	150	46	46	493	493
327A	35	32	300	150	50	50	493	493	151	50	50	493	493	151	50	50	493	493
333A	35	32	300	153	50	50	493	493	153	50	50	493	493	153	50	50	493	493
342A	35	32	300	152	50	50	683	683	151	50	50	683	683	151	50	50	683	683
351A	35	32	300	150	50	50	683	683	150	50	50	682	683	148	50	50	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A	35	32	35	1- 1/16	36	124	124	9/16X16	3/8	0	5210	1411	5210
318A	35	32	35	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
327A	35	32	35	1- 1/16	36	123	123	7/16X16	3/8	0	5110	1411	5210
333A	35	32	35	1- 1/16	36	123	124	9/16X16	1/2	0	5210	1411	5110
342A	35	32	35	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1411
351A	35	32	35	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A	35	32	34	1- 1/16	36	124	124	9/16X16	3/8	0	5210	1411	5210
318A	35	32	34	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
327A	35	32	34	1- 1/16	36	123	123	7/16X16	3/8	0	5110	1411	5210
333A	35	32	34	1- 1/16	36	123	124	9/16X16	1/2	0	5210	1411	5110
342A	35	32	34	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1411
351A	35	32	34	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A	35	32	33	1- 1/16	36	124	124	9/16X16	3/8	0	5210	1411	5210
318A	35	32	33	1- 1/16	36	124	123	1/2 X16	3/8	0	1411	5210	1411
327A	35	32	33	1- 1/16	36	123	123	7/16X16	3/8	0	5110	1411	5210
333A	35	32	33	1- 1/16	36	123	124	9/16X16	1/2	0	5210	1411	5110
342A	35	32	33	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1411
351A	35	32	33	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

4-A1-129

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
409A	35	32	300	132	65	65	681	681	133	65	65	681	682	133	65	65	681	682
418A	35	32	300	141	50	50	492	492	141	50	50	492	492	141	50	50	492	492
427A	35	32	300	138	55	55	492	492	138	55	55	492	492	138	55	55	492	492
433A	35	32	300	138	55	55	492	492	138	55	55	492	492	138	55	55	492	492
442A	35	32	300	141	55	55	492	492	141	55	55	492	492	141	60	60	492	492
451A	35	32	300	133	70	70	491	492	133	70	70	491	492	132	70	70	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409A	35	32	35	1- 1/16	45	124	124	5/8 X16	3/8	0	5010	5210	1212
418A	35	32	35	1- 1/16	36	124	123	9/16X16	3/8	0	1611	5210	1111
427A	35	32	35	1- 1/16	36	123	123	7/16X16	5/16	0	5110	1111	5210
433A	35	32	35	1- 1/16	42	123	123	7/16X16	5/16	0	5210	1111	5110
442A	35	32	35	1- 1/16	42	123	123	9/16X16	3/8	0	1111	5210	1611
451A	35	32	35	1- 1/16	50	124	124	9/16X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409A	35	32	34	1- 1/16	45	124	124	5/8 X16	3/8	0	5010	5210	1212
418A	35	32	34	1- 1/16	36	124	123	9/16X16	3/8	0	1611	5210	1111
427A	35	32	34	1- 1/16	42	123	123	7/16X16	5/16	0	5110	1111	5210
433A	35	32	34	1- 1/16	42	123	123	7/16X16	5/16	0	5210	1111	5110
442A	35	32	34	1- 1/16	42	123	123	9/16X16	3/8	0	1111	5210	1611
451A	35	32	34	1- 1/16	50	124	124	5/8 X16	3/8	0	1212	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409A	35	32	33	1- 1/16	45	124	124	5/8 X16	3/8	0	5010	5210	1212
418A	35	32	33	1- 1/16	36	124	123	9/16X16	3/8	0	1611	5210	1111
427A	35	32	33	1- 1/16	42	123	123	7/16X16	5/16	0	5110	1111	5210
433A	35	32	33	1- 1/16	42	123	123	7/16X16	5/16	0	5210	1111	5110
442A	35	32	33	1- 1/16	42	123	123	9/16X16	3/8	0	1111	5210	1611
451A	35	32	33	1- 1/16	50	124	124	5/8 X16	3/8	0	1212	5210	5010

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100A 35 33	210	138	75	75	692	692	541	75	75	0	0	141	65	65	692	692
300A 35 33	210	138	70	70	692	692	541	70	70	0	0	141	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 35 33	35	1- 1/16	55	132	132	15/16X16	1/2	5/16	5410	5010	1313
300A 35 33	35	1- 1/16	50	132	132	7/8 X16	1/2	5/16	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 35 33	34	1- 1/16	50	132	132	15/16X16	1/2	5/16	5410	5010	1313
300A 35 33	34	1- 1/16	50	132	132	7/8 X16	1/2	5/16	5410	5010	1313

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

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106A	36	33	300	144	50	50	682	682	145	50	50	682	682	147	50	50	682	682
115A	36	33	300	150	45	45	493	493	150	45	45	493	493	150	45	45	493	493
124A	36	33	300	150	45	45	493	493	150	45	45	493	493	150	45	45	493	493
136A	36	33	300	152	42	42	493	493	152	42	42	493	493	152	42	42	683	683
145A	36	33	300	150	45	45	683	683	150	46	46	683	683	150	46	46	683	683
154A	36	33	300	147	55	55	682	682	145	55	55	682	682	144	55	55	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	36	33	36	1- 1/16	36	124	124	11/16X16	3/8	0	1311	5110	1411
115A	36	33	36	1- 1/16	36	124	124	9/16X16	3/8	0	5110	1411	5110
124A	36	33	36	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
136A	36	33	36	1- 1/16	36	124	124	5/8 X16	7/16	0	1411	5110	1411
145A	36	33	36	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
154A	36	33	36	1- 1/16	36	124	124	13/16X16	7/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	36	33	35	1- 1/16	36	124	124	11/16X16	3/8	0	1311	5110	1411
115A	36	33	35	1- 1/16	36	124	124	9/16X16	3/8	0	5110	1411	5110
124A	36	33	35	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
136A	36	33	35	1- 1/16	36	124	124	5/8 X16	7/16	0	1411	5110	1411
145A	36	33	35	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
154A	36	33	35	1- 1/16	36	124	124	13/16X16	7/16	0	1411	5110	1311

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	36	33	34	1- 1/16	36	124	124	11/16X16	3/8	0	1311	5110	1411
115A	36	33	34	1- 1/16	36	124	124	9/16X16	3/8	0	5110	1411	5110
124A	36	33	34	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
136A	36	33	34	1- 1/16	36	124	124	5/8 X16	7/16	0	1411	5110	1411
145A	36	33	34	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
154A	36	33	34	1- 1/16	36	124	124	13/16X16	7/16	0	1411	5110	1311

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
206A 36 33	300	132	75	75	681	681	132	75	75	681	681	132	75	75	681	681
215A 36 33	300	136	65	65	492	492	138	60	60	492	492	139	60	60	492	492
224A 36 33	300	138	60	60	492	492	138	60	60	492	492	138	60	60	492	492
236A 36 33	300	138	55	55	492	492	138	55	55	492	492	138	55	55	492	492
245A 36 33	300	139	50	50	492	492	138	50	50	492	492	136	55	55	492	492
254A 36 33	300	132	65	65	491	491	132	65	65	491	491	132	65	65	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206A 36 33	36	1- 1/16	50	124	124	11/16X16	3/6	0	5110	1212	5110
215A 36 33	36	1- 1/16	45	124	124	5/8 X16	3/8	0	1212	5510	5110
224A 36 33	36	1- 1/16	42	123	123	1/2 X16	5/16	0	1111	5110	1111
236A 36 33	36	1- 1/16	36	123	123	7/16X16	5/16	0	1111	5110	1111
245A 36 33	36	1- 1/16	42	123	123	9/16X16	5/16	0	5110	5310	1212
254A 36 33	36	1- 1/16	45	124	124	9/16X16	3/8	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206A 36 33	35	1- 1/16	50	124	124	11/16X16	3/8	0	5110	1212	5110
215A 36 33	35	1- 1/16	45	124	124	5/8 X16	3/8	0	1212	5510	5110
224A 36 33	35	1- 1/16	42	123	123	1/2 X16	5/16	0	1111	5110	1111
236A 36 33	35	1- 1/16	36	123	123	7/16X16	5/16	0	1111	5110	1111
245A 36 33	35	1- 1/16	36	123	123	9/16X16	5/16	0	5110	5310	1212
254A 36 33	35	1- 1/16	45	124	124	9/16X16	3/8	0	5110	1212	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206A 36 33	34	1- 1/16	50	124	124	11/16X16	3/8	0	5110	1212	5110
215A 36 33	34	1- 1/16	45	124	124	5/8 X16	3/8	0	1212	5510	5110
224A 36 33	34	1- 1/16	42	123	123	1/2 X16	5/16	0	1111	5110	1111
236A 36 33	34	1- 1/16	36	123	123	7/16X16	5/16	0	1111	5110	1111
245A 36 33	34	1- 1/16	36	123	123	9/16X16	5/16	0	5110	5310	1212
254A 36 33	34	1- 1/16	45	124	124	9/16X16	3/8	0	5110	1212	5110

4-A1-133

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
306A 36 33	300	144	50	50	492	492	145	50	50	492	492	147	50	50	492	492
315A 36 33	300	150	46	46	493	493	150	46	46	493	493	150	46	46	493	493
324A 36 33	300	150	46	46	493	493	150	50	50	493	493	150	50	50	493	493
336A 36 33	300	152	50	50	493	493	152	50	50	493	493	152	50	50	493	683
345A 36 33	300	150	50	50	683	683	150	50	50	683	683	150	50	50	683	683
354A 36 33	300	147	50	50	682	682	145	50	50	682	682	144	50	50	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A 36 33	36	1- 1/16	36	124	124	11/16X16	3/8	0	1311	5110	1411
315A 36 33	36	1- 1/16	36	124	123	1/2 X16	3/8	0	5110	1411	5110
324A 36 33	36	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
336A 36 33	36	1- 1/16	36	124	124	5/8 X16	3/8	0	1411	5110	1411
345A 36 33	36	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
354A 36 33	36	1- 1/16	36	124	124	3/4 X16	7/16	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A 36 33	35	1- 1/16	36	124	124	11/16X16	3/8	0	1311	5110	1411
315A 36 33	35	1- 1/16	36	124	123	1/2 X16	3/8	0	5110	1411	5110
324A 36 33	35	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
336A 36 33	35	1- 1/16	36	124	124	5/8 X16	7/16	0	1411	5110	1411
345A 36 33	35	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
354A 36 33	35	1- 1/16	36	124	124	13/16X16	7/16	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A 36 33	34	1- 1/16	36	124	124	11/16X16	3/8	0	1311	5110	1411
315A 36 33	34	1- 1/16	36	124	123	9/16X16	3/8	0	5110	1411	5110
324A 36 33	34	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
336A 36 33	34	1- 1/16	36	124	124	5/8 X16	7/16	0	1411	5110	1411
345A 36 33	34	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
354A 36 33	34	1- 1/16	36	124	124	13/16X16	7/16	0	1411	5110	1311

4-A1-134

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406A 36 33	300	132	65	65	681	681	132	65	65	681	681	132	65	65	681	681
415A 36 33	300	136	55	55	492	492	138	50	50	492	492	139	50	50	492	492
424A 36 33	300	138	55	55	492	492	138	55	55	492	492	138	55	55	492	492
436A 36 33	300	138	55	55	492	492	138	55	55	492	492	138	60	60	492	492
445A 36 33	300	139	60	60	492	492	138	60	60	492	492	136	65	65	492	492
454A 36 33	300	132	70	70	491	491	132	70	70	491	491	132	70	70	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A 36 33	36	1- 1/16	45	124	124	5/8 X16	3/8	0	5110	1212	5110
415A 36 33	36	1- 1/16	42	124	123	5/8 X16	3/8	0	1212	5510	5110
424A 36 33	36	1- 1/16	36	123	123	7/16X16	5/16	0	1111	5110	1111
436A 36 33	36	1- 1/16	42	123	123	7/16X16	5/16	0	1111	5110	1111
445A 36 33	36	1- 1/16	45	123	123	9/16X16	3/8	0	5110	5310	1212
454A 36 33	36	1- 1/16	50	124	124	5/8 X16	3/8	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A 36 33	35	1- 1/16	45	124	124	11/16X16	3/8	0	5110	1212	5110
415A 36 33	35	1- 1/16	42	124	124	5/8 X16	3/8	0	1212	5510	5110
424A 36 33	35	1- 1/16	36	123	123	1/2 X16	5/16	0	1111	5110	1111
436A 36 33	35	1- 1/16	42	123	123	7/16X16	5/16	0	1111	5110	1111
445A 36 33	35	1- 1/16	42	123	124	9/16X16	3/8	0	5110	5310	1212
454A 36 33	35	1- 1/16	50	124	124	5/8 X16	3/8	0	5110	1212	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A 36 33	34	1- 1/16	45	124	124	11/16X16	3/8	0	5110	1212	5110
415A 36 33	34	1- 1/16	42	124	124	5/8 X16	3/8	0	1212	5510	5110
424A 36 33	34	1- 1/16	36	123	123	1/2 X16	5/16	0	1111	5110	1111
436A 36 33	34	1- 1/16	42	123	123	7/16X16	5/16	0	1111	5110	1111
445A 36 33	34	1- 1/16	42	123	124	9/16X16	3/8	0	5110	5310	1212
454A 36 33	34	1- 1/16	50	124	124	5/8 X16	3/8	0	5110	1212	5110

4-A1-135

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A	36	34	210	141	70	70	692	692	541	80	80	0	0	137	80	80	692	692
400A	36	34	210	141	65	65	692	692	541	75	75	0	0	137	75	75	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A	36	34	36	1- 1/16	55	132	132	1- 1/16X16	1/2	5/16	1313	5010	5610
400A	36	34	36	1- 1/16	50	132	132	1 X16	1/2	5/16	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A	36	34	35	1- 1/16	55	132	132	1- 1/16X16	1/2	5/16	1313	5010	5610
400A	36	34	35	1- 1/16	50	132	132	1- 1/16X16	1/2	5/16	1313	5010	5610

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

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WORTHINGTON, SKILLING, HELLE & JACKSON . Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A 37 34	300	136	65	65	682	682	139	55	55	682	682	141	55	55	682	682
112A 37 34	300	150	45	45	492	683	150	45	45	492	493	150	45	45	492	493
121A 37 34	300	150	45	45	492	493	150	45	45	492	493	150	45	45	492	493
130A 37 34	300	150	45	45	493	493	151	45	45	493	493	151	45	45	493	493
139A 37 34	300	151	42	42	683	683	151	42	42	683	683	151	45	45	683	683
148A 37 34	300	150	50	50	682	683	150	50	50	682	683	150	50	50	682	683
157A 37 34	300	141	55	55	682	682	139	60	60	682	682	136	70	70	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 37 34	37	1- 1/16	50	132	124	3/4 X16	7/16	0	5110	1311	5210
112A 37 34	37	1- 1/16	36	124	124	9/16X16	3/8	0	1511	5210	1411
121A 37 34	37	1- 1/16	36	123	123	1/2 X16	3/8	0	5210	1411	5210
130A 37 34	37	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
139A 37 34	37	1- 1/16	36	124	124	5/8 X16	7/16	0	5210	1411	5210
148A 37 34	37	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1511
157A 37 34	37	1- 1/16	55	124	132	7/8 X16	7/16	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 37 34	36	1- 1/16	55	132	124	3/4 X16	7/16	0	5110	1311	5210
112A 37 34	36	1- 1/16	36	124	124	9/16X16	3/8	0	1511	5210	1411
121A 37 34	36	1- 1/16	36	123	123	1/2 X16	3/8	0	5210	1411	5210
130A 37 34	36	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
139A 37 34	36	1- 1/16	36	124	124	5/8 X16	7/16	0	5210	1411	5210
148A 37 34	36	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1511
157A 37 34	36	1- 1/16	55	124	132	7/8 X16	7/16	0	5210	1311	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 37 34	35	1- 1/16	55	132	124	3/4 X16	7/16	0	5110	1311	5210
112A 37 34	35	1- 1/16	36	124	124	9/16X16	3/8	0	1511	5210	1411
121A 37 34	35	1- 1/16	36	123	123	1/2 X16	3/8	0	5210	1411	5210
130A 37 34	35	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
139A 37 34	35	1- 1/16	36	124	124	5/8 X16	7/16	0	5210	1411	5210
148A 37 34	35	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1511
157A 37 34	35	1- 1/16	55	124	132	7/8 X16	7/16	0	5210	1311	5110

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A 37 34	300	132	85	85	681	691	132	80	80	681	681	132	80	80	681	681
212A 37 34	300	132	75	75	491	681	134	70	70	491	492	135	70	70	492	492
221A 37 34	300	140	60	60	492	492	139	60	60	492	492	138	60	60	492	492
230A 37 34	300	138	55	55	442	442	138	55	55	442	442	138	55	55	442	442
239A 37 34	300	138	50	50	492	492	139	50	50	492	492	140	50	50	492	492
248A 37 34	300	135	60	60	492	492	134	60	60	491	492	132	65	65	491	491
257A 37 34	300	132	70	70	491	491	132	70	70	491	491	132	75	75	681	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
203A 37 34	37	1- 1/16	65	132	124	13/16X16	7/16	0	1013	5210	5010
212A 37 34	37	1- 1/16	50	124	124	5/8 X16	3/8	0	5210	5010	5210
221A 37 34	37	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	1111	5210
230A 37 34	37	1- 1/16	42	123	123	3/8 X16	5/16	0	1111	5210	1111
239A 37 34	37	1- 1/16	36	123	123	7/16X16	5/16	0	5210	1111	5210
248A 37 34	37	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	5010	5210
257A 37 34	37	1- 1/16	60	124	132	11/16X16	3/8	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
203A 37 34	36	1- 1/16	65	132	124	13/16X16	7/16	0	1013	5210	5010
212A 37 34	36	1- 1/16	50	124	124	5/8 X16	3/8	0	5210	5010	5210
221A 37 34	36	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	1111	5210
230A 37 34	36	1- 1/16	42	123	123	3/8 X16	5/16	0	1111	5210	1111
239A 37 34	36	1- 1/16	36	123	123	1/2 X16	5/16	0	5210	1111	5210
248A 37 34	36	1- 1/16	42	123	123	9/16X16	5/16	0	5210	5010	5210
257A 37 34	36	1- 1/16	60	124	132	11/16X16	3/8	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
203A 37 34	35	1- 1/16	65	132	124	13/16X16	7/16	0	1013	5210	5010
212A 37 34	35	1- 1/16	50	124	124	5/8 X16	3/8	0	5210	5010	5210
221A 37 34	35	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	1111	5210
230A 37 34	35	1- 1/16	42	123	123	3/8 X16	5/16	0	1111	5210	1111
239A 37 34	35	1- 1/16	36	123	123	1/2 X16	5/16	0	5210	1111	5210
248A 37 34	35	1- 1/16	42	123	123	9/16X16	5/16	0	5210	5010	5210
257A 37 34	35	1- 1/16	55	124	132	11/16X16	3/8	0	5010	5210	1013

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

4-A1-138

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A 37 34	300	136	65	65	682	682	139	55	55	492	492	141	50	50	492	492
312A 37 34	300	150	46	46	492	493	150	46	46	492	493	150	46	46	492	493
321A 37 34	300	150	46	46	492	493	150	46	46	492	493	150	46	46	492	493
330A 37 34	300	150	50	50	493	493	151	50	50	493	493	151	50	50	493	493
339A 37 34	300	151	50	50	493	683	151	50	50	493	683	151	50	50	683	683
348A 37 34	300	150	50	50	682	683	150	50	50	682	683	150	50	50	682	683
357A 37 34	300	141	55	55	682	682	139	60	60	682	682	136	70	70	682	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 37 34	37	1- 1/16	50	132	124	11/16X16	3/8	0	5110	1311	5210
312A 37 34	37	1- 1/16	36	124	123	9/16X16	3/8	0	1511	5210	1411
321A 37 34	37	1- 1/16	36	123	123	7/16X16	3/8	0	5210	1411	5210
330A 37 34	37	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
339A 37 34	37	1- 1/16	36	124	124	5/8 X16	7/16	0	5210	1411	5210
348A 37 34	37	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1511
357A 37 34	37	1- 1/16	55	124	132	13/16X16	7/16	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 37 34	36	1- 1/16	50	132	124	3/4 X16	3/8	0	5110	1311	5210
312A 37 34	36	1- 1/16	36	124	124	9/16X16	3/8	0	1511	5210	1411
321A 37 34	36	1- 1/16	36	123	123	7/16X16	3/8	0	5210	1411	5210
330A 37 34	36	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
339A 37 34	36	1- 1/16	36	124	124	5/8 X16	7/16	0	5210	1411	5210
348A 37 34	36	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1511
357A 37 34	36	1- 1/16	55	124	132	13/16X16	7/16	0	5210	1311	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 37 34	35	1- 1/16	50	132	124	3/4 X16	3/8	0	5110	1311	5210
312A 37 34	35	1- 1/16	36	124	124	9/16X16	3/8	0	1511	5210	1411
321A 37 34	35	1- 1/16	36	123	123	7/16X16	3/8	0	5210	1411	5210
330A 37 34	35	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
339A 37 34	35	1- 1/16	36	124	124	5/8 X16	7/16	0	5210	1411	5210
348A 37 34	35	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1511
357A 37 34	35	1- 1/16	55	124	132	7/8 X16	7/16	0	5210	1311	5110

4-A1-139

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403A 37 34	300	132	80	80	681	681	132	70	70	681	681	132	70	70	681	681
412A 37 34	300	132	65	65	491	681	134	60	60	491	492	135	60	60	492	492
421A 37 34	300	140	50	50	492	492	139	50	50	492	492	138	50	50	492	492
430A 37 34	300	138	55	55	442	442	138	55	55	442	442	138	55	55	492	492
439A 37 34	300	138	60	60	492	492	139	60	60	492	492	140	60	60	492	492
448A 37 34	300	135	65	65	492	492	134	70	70	491	492	132	70	70	491	491
457A 37 34	300	132	75	75	491	491	132	75	75	491	491	132	80	80	681	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A 37 34	37	1- 1/16	60	132	124	13/16X16	7/16	0	1013	5210	5010
412A 37 34	37	1- 1/16	45	124	124	5/8 X16	3/8	0	5210	5010	5210
421A 37 34	37	1- 1/16	36	123	123	1/2 X16	5/16	0	5210	1111	5210
430A 37 34	37	1- 1/16	36	123	123	3/8 X16	5/16	0	1111	5210	1111
439A 37 34	37	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	1111	5210
448A 37 34	37	1- 1/16	50	123	124	9/16X16	3/8	0	5210	5010	5210
457A 37 34	37	1- 1/16	65	124	132	11/16X16	3/8	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A 37 34	36	1- 1/16	65	132	124	13/16X16	7/16	0	1013	5210	5010
412A 37 34	36	1- 1/16	45	124	124	5/8 X16	3/8	0	5210	5010	5210
421A 37 34	36	1- 1/16	36	123	123	1/2 X16	5/16	0	5210	1111	5210
430A 37 34	36	1- 1/16	42	123	123	3/8 X16	5/16	0	1111	5210	1111
439A 37 34	36	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	1111	5210
448A 37 34	36	1- 1/16	50	123	124	9/16X16	3/8	0	5210	5010	5210
457A 37 34	36	1- 1/16	65	124	132	11/16X16	3/8	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A 37 34	35	1- 1/16	60	132	124	13/16X16	7/16	0	1013	5210	5010
412A 37 34	35	1- 1/16	45	124	124	5/8 X16	3/8	0	5210	5010	5210
421A 37 34	35	1- 1/16	36	123	123	1/2 X16	5/16	0	5210	1111	5210
430A 37 34	35	1- 1/16	42	123	123	3/8 X16	5/16	0	1111	5210	1111
439A 37 34	35	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	1111	5210
448A 37 34	35	1- 1/16	50	124	124	9/16X16	3/8	0	5210	5010	5210
457A 37 34	35	1- 1/16	60	124	132	3/4 X16	7/16	0	5010	5210	1013

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

4-A1-140

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

DIVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A 37 35	210	137	75	75	692	692	541	75	75	0	0	141	70	70	692	692
300A 37 35	210	137	70	70	692	692	541	70	70	0	0	141	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 37 35	37	1- 1/16	50	132	132	15/16X16	1/2	5/16	5410	5010	1313
300A 37 35	37	1- 1/16	50	132	132	7/8 X16	7/16	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 37 35	36	1- 1/16	55	132	132	15/16X16	1/2	5/16	5410	5010	1313
300A 37 35	36	1- 1/16	50	132	132	7/8 X16	7/16	0	5410	5010	1313

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

4-A1-141

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
109A 38 35	300	147	50	50	492	682	148	45	45	492	682	149	45	45	493	683
118A 38 35	300	149	45	45	493	493	149	45	45	493	493	149	45	45	493	493
127A 38 35	300	150	45	45	493	493	150	45	45	493	493	150	45	45	493	493
133A 38 35	300	151	45	45	493	493	151	42	42	493	493	151	42	42	493	493
142A 38 35	300	150	45	45	683	683	150	45	45	683	683	150	46	46	683	683
151A 38 35	300	149	50	50	683	683	148	50	50	682	682	147	50	50	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A 38 35	38	1- 1/16	36	124	124	9/16X16	3/8	0	5210	1411	5210
118A 38 35	38	1- 1/16	36	124	123	1/2 X16	3/8	0	1411	5210	1411
127A 38 35	38	1- 1/16	36	123	123	7/16X16	3/8	0	5110	1411	5210
133A 38 35	38	1- 1/16	36	123	124	9/16X16	3/8	0	5210	1411	5110
142A 38 35	38	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1411
151A 38 35	38	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A 38 35	37	1- 1/16	36	124	124	9/16X16	3/8	0	5210	1411	5210
118A 38 35	37	1- 1/16	36	124	123	1/2 X16	3/8	0	1411	5210	1411
127A 38 35	37	1- 1/16	36	123	123	7/16X16	3/8	0	5110	1411	5210
133A 38 35	37	1- 1/16	36	123	124	9/16X16	3/8	0	5210	1411	5110
142A 38 35	37	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1411
151A 38 35	37	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A 38 35	36	1- 1/16	36	124	124	9/16X16	3/8	0	5210	1411	5210
118A 38 35	36	1- 1/16	36	124	123	1/2 X16	3/8	0	1411	5210	1411
127A 38 35	36	1- 1/16	36	123	123	7/16X16	3/8	0	5110	1411	5210
133A 38 35	36	1- 1/16	36	123	124	9/16X16	3/8	0	5210	1411	5110
142A 38 35	36	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1411
151A 38 35	36	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

4-A1-142

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
209A	38	35	300	132	75	75	681	681	132	75	75	491	681	132	75	75	491	681
218A	38	35	300	139	60	60	492	492	139	60	60	492	492	139	60	60	492	492
227A	38	35	300	138	60	60	492	492	138	60	60	442	492	138	60	60	442	492
233A	38	35	300	138	55	55	442	442	138	55	55	442	442	138	55	55	492	492
242A	38	35	300	139	50	50	492	492	139	50	50	492	492	139	50	50	492	492
251A	38	35	300	132	65	65	491	491	132	65	65	491	491	132	65	65	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A	38	35	38	1- 1/16	50	124	124	5/8 X16	3/8	0	5010	5210	1212
218A	38	35	38	1- 1/16	42	123	123	9/16X16	3/8	0	1611	5210	1111
227A	38	35	38	1- 1/16	42	123	123	3/8 X16	5/16	0	5110	1111	5210
233A	38	35	38	1- 1/16	42	123	123	3/8 X16	5/16	0	5210	1111	5110
242A	38	35	38	1- 1/16	36	123	123	1/2 X16	5/16	0	1111	5210	1611
251A	38	35	38	1- 1/16	42	123	123	9/16X16	5/16	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A	38	35	37	1- 1/16	50	124	124	5/8 X16	3/8	0	5010	5210	1212
~~218A~~	~~38~~	~~35~~	~~37~~	~~1- 1/16~~	~~42~~	~~123~~	~~123~~	~~9/16X16~~	~~3/8~~	~~0~~	~~1611~~	~~5210~~	~~1111~~
227A	38	35	37	1- 1/16	42	123	123	7/16X16	5/16	0	5110	1111	5210
233A	38	35	37	1- 1/16	36	123	123	3/8 X16	5/16	0	5210	1111	5110
242A	38	35	37	1- 1/16	36	123	123	1/2 X16	5/16	0	1111	5210	1611
251A	38	35	37	1- 1/16	42	123	123	9/16X16	5/16	0	1212	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A	38	35	36	1- 1/16	50	124	124	5/8 X16	3/8	0	5010	5210	1212
218A	38	35	36	1- 1/16	42	124	123	9/16X16	3/8	0	1611	5210	1111
227A	38	35	36	1- 1/16	42	123	123	7/16X16	5/16	0	5110	1111	5210
233A	38	35	36	1- 1/16	36	123	123	3/8 X16	5/16	0	5210	1111	5110
242A	38	35	36	1- 1/16	36	123	123	1/2 X16	5/16	0	1111	5210	1611
251A	38	35	36	1- 1/16	42	123	124	9/16X16	3/8	0	1212	5210	5010

4-A1-143

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
309A	38	35	300	147	50	50	492	492	148	46	46	492	492	149	45	45	493	493
318A	38	35	300	149	46	46	493	493	149	46	46	493	493	149	46	46	493	493
327A	38	35	300	150	50	50	493	493	150	50	50	493	493	150	50	50	493	493
333A	38	35	300	151	50	50	493	493	151	50	50	493	493	151	50	50	493	493
342A	38	35	300	150	50	50	683	683	150	50	50	683	683	150	50	50	683	683
351A	38	35	300	149	50	50	683	683	148	50	50	682	682	147	50	50	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	38	35	38	1- 1/16	36	124	124	9/16X16	3/8	0	5210	1411	5210
318A	38	35	38	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
327A	38	35	38	1- 1/16	36	123	123	3/8 X15	3/8	0	5110	1411	5210
333A	38	35	38	1- 1/16	36	123	124	1/2 X16	3/8	0	5210	1411	5110
342A	38	35	38	1- 1/16	36	124	124	5/8 X16	7/16	0	1411	5210	1411
351A	38	35	38	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	38	35	37	1- 1/16	36	124	124	9/16X16	3/8	0	5210	1411	5210
318A	38	35	37	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
327A	38	35	37	1- 1/16	36	123	123	3/8 X15	3/8	0	5110	1411	5210
333A	38	35	37	1- 1/16	36	123	124	9/16X16	3/8	0	5210	1411	5110
342A	38	35	37	1- 1/16	36	124	124	5/8 X16	7/16	0	1411	5210	1411
351A	38	35	37	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	38	35	36	1- 1/16	36	124	124	9/16X16	3/8	0	5210	1411	5210
318A	38	35	36	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
327A	38	35	36	1- 1/16	36	123	123	3/8 X16	3/8	0	5110	1411	5210
333A	38	35	36	1- 1/16	36	123	124	9/16X16	3/8	0	5210	1411	5110
342A	38	35	36	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1411
351A	38	35	36	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

4-A1-144

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
409A	38	35	300	132	65	65	681	681	132	65	65	491	681	132	65	65	491	681
418A	38	35	300	139	50	50	492	492	139	50	50	492	492	139	50	50	492	492
427A	38	35	300	138	55	55	492	492	138	55	55	442	492	138	55	55	442	492
433A	38	35	300	138	55	55	492	492	138	55	55	492	492	138	60	60	492	492
442A	38	35	300	139	60	60	492	492	139	60	60	492	492	139	60	60	492	492
451A	38	35	300	132	70	70	491	491	132	70	70	491	491	132	70	70	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A	38	35	38	1- 1/16	45	124	124	5/8 X16	3/8	0	5010	5210	1212
418A	38	35	38	1- 1/16	36	123	123	9/16X16	5/16	0	1611	5210	1111
427A	38	35	38	1- 1/16	42	123	122	3/8 X16	5/16	0	5110	1111	5210
433A	38	35	38	1- 1/16	42	123	123	3/8 X16	5/16	0	5210	1111	5110
442A	38	35	38	1- 1/16	42	123	123	9/16X16	5/16	0	1111	5210	1611
451A	38	35	38	1- 1/16	46	123	124	9/16X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A	38	35	37	1- 1/16	45	124	124	5/8 X16	3/8	0	5010	5210	1212
418A	38	35	37	1- 1/16	36	123	123	9/16X16	3/8	0	1611	5210	1111
427A	38	35	37	1- 1/16	36	123	123	3/8 X16	5/16	0	5110	1111	5210
433A	38	35	37	1- 1/16	42	123	123	7/16X16	5/16	0	5210	1111	5110
442A	38	35	37	1- 1/16	42	123	123	9/16X16	5/16	0	1111	5210	1611
451A	38	35	37	1- 1/16	50	124	124	9/16X16	3/8	0	1212	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A	38	35	36	1- 1/16	45	124	124	5/8 X16	3/8	0	5010	5210	1212
418A	38	35	36	1- 1/16	36	123	123	9/16X16	3/8	0	1611	5210	1111
427A	38	35	36	1- 1/16	36	123	123	3/8 X16	5/16	0	5110	1111	5210
433A	38	35	36	1- 1/16	42	123	123	7/16X16	5/16	0	5210	1111	5110
442A	38	35	36	1- 1/16	42	123	123	9/16X16	5/16	0	1111	5210	1611
451A	38	35	36	1- 1/16	50	124	124	9/16X16	3/8	0	1212	5210	5010

4-A1-145

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200A	38	36	210	140	70	70	692	692	540	80	80	0	0	137	80	80	692	692
400A	38	36	210	140	65	65	692	692	540	75	75	0	0	137	75	75	692	692

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A	38	36	38	1- 1/16	55	132	132	1 X16	1/2	5/16	1313	5010	5610
400A	38	36	38	1- 1/16	50	132	132	1 X16	1/2	5/16	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A	38	36	37	1- 1/16	55	132	132	1- 1/16X16	1/2	5/16	1313	5010	5610
400A	38	36	37	1- 1/16	50	132	132	1 X16	1/2	5/16	1313	5010	5610

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

4-A1-146

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106A	39	36	300	143	50	50	492	682	144	50	50	492	682	145	50	50	492	682
115A	39	36	300	149	45	45	493	493	149	45	45	493	493	149	45	45	493	493
124A	39	36	300	149	45	45	493	493	149	45	45	493	493	149	45	45	493	493
136A	39	36	300	150	42	42	493	493	150	42	42	493	493	150	42	42	493	683
145A	39	36	300	149	46	46	683	683	149	46	46	683	683	149	50	50	683	683
154A	39	36	300	145	55	55	682	682	144	55	55	682	682	143	55	55	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	39	36	39	1- 1/16	36	124	124	11/16X16	3/8	0	1311	5110	1411
115A	39	36	39	1- 1/16	36	124	123	9/16X16	3/8	0	5110	1411	5110
124A	39	36	39	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
136A	39	36	39	1- 1/16	36	124	124	9/16X16	3/8	0	1411	5110	1411
145A	39	36	39	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
154A	39	36	39	1- 1/16	36	124	124	3/4 X16	7/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	39	36	38	1- 1/16	36	124	124	11/16X16	3/8	0	1311	5110	1411
115A	39	36	38	1- 1/16	36	124	124	9/16X16	3/8	0	5110	1411	5110
124A	39	36	38	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
136A	39	36	38	1- 1/16	36	124	124	9/16X16	3/8	0	1411	5110	1411
145A	39	36	38	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
154A	39	36	38	1- 1/16	42	124	124	13/16X16	7/16	0	1411	5110	1311

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	39	36	37	1- 1/16	36	124	124	11/16X16	3/8	0	1311	5110	1411
115A	39	36	37	1- 1/16	36	124	124	9/16X16	3/8	0	5110	1411	5110
124A	39	36	37	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
136A	39	36	37	1- 1/16	36	124	124	9/16X16	3/8	0	1411	5110	1411
145A	39	36	37	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
154A	39	36	37	1- 1/16	42	124	124	13/16X16	7/16	0	1411	5110	1311

4-A1-147

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
206A	39	36	300	132	75	75	681	681	132	75	75	681	681	132	75	75	681	681
215A	39	36	300	135	65	65	492	492	137	65	65	492	492	138	60	60	492	492
224A	39	36	300	138	60	60	492	492	138	60	60	492	492	138	60	60	492	492
236A	39	36	300	138	55	55	492	492	138	55	55	492	492	138	55	55	492	492
245A	39	36	300	138	50	50	492	492	137	50	50	492	492	135	55	55	492	492
254A	39	36	300	132	65	65	491	491	132	70	70	491	491	132	70	70	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A	39	36	39	1- 1/16	50	124	124	5/8 X16	3/8	0	5110	1212	5110
215A	39	36	39	1- 1/16	45	124	123	9/16X16	3/8	0	1212	5510	5110
224A	39	36	39	1- 1/16	42	123	123	7/16X16	5/16	0	1111	5110	1111
236A	39	36	39	1- 1/16	36	123	123	3/8 X16	5/16	0	1111	5110	1111
245A	39	36	39	1- 1/16	36	123	123	1/2 X16	5/16	0	5110	5310	1212
254A	39	36	39	1- 1/16	42	123	123	9/16X16	5/16	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A	39	36	38	1- 1/16	55	124	124	5/8 X16	3/8	0	5110	1212	5110
215A	39	36	38	1- 1/16	45	124	123	9/16X16	3/8	0	1212	5510	5110
224A	39	36	38	1- 1/16	42	123	123	7/16X16	5/16	0	1111	5110	1111
236A	39	36	38	1- 1/16	36	123	123	7/16X16	5/16	0	1111	5110	1111
245A	39	36	38	1- 1/16	36	123	123	1/2 X16	5/16	0	5110	5310	1212
254A	39	36	38	1- 1/16	46	123	124	9/16X16	3/8	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A	39	36	37	1- 1/16	50	124	124	11/16X16	3/8	0	5110	1212	5110
215A	39	36	37	1- 1/16	45	124	123	5/8 X16	3/8	0	1212	5510	5110
224A	39	36	37	1- 1/16	42	123	123	7/16X16	5/16	0	1111	5110	1111
236A	39	36	37	1- 1/16	36	123	123	7/16X16	5/16	0	1111	5110	1111
245A	39	36	37	1- 1/16	42	123	123	1/2 X16	5/16	0	5110	5310	1212
254A	39	36	37	1- 1/16	42	123	124	9/16X16	3/8	0	5110	1212	5110

4-A1-148

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
306A	39	36	300	143	50	50	492	492	144	50	50	492	492	145	50	50	492	492
315A	39	36	300	149	46	46	493	493	149	46	46	493	493	149	46	46	493	493
324A	39	36	300	149	46	46	493	493	149	50	50	493	493	149	50	50	493	493
336A	39	36	300	150	50	50	493	493	150	50	50	493	493	150	50	50	493	493
345A	39	36	300	149	50	50	683	683	149	50	50	683	683	149	50	50	683	683
354A	39	36	300	145	50	50	682	682	144	50	50	682	682	143	55	55	682	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	39	36	39	1- 1/16	36	124	124	5/8 X16	3/8	0	1311	5110	1411
315A	39	36	39	1- 1/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
324A	39	36	39	1- 1/16	36	123	123	3/8 X16	3/8	0	1411	5110	1411
336A	39	36	39	1- 1/16	36	124	124	9/16X16	3/8	0	1411	5110	1411
345A	39	36	39	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
354A	39	36	39	1- 1/16	36	124	124	3/4 X16	7/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	39	36	38	1- 1/16	36	124	124	5/8 X16	3/8	0	1311	5110	1411
315A	39	36	38	1- 1/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
324A	39	36	38	1- 1/16	36	123	123	3/8 X16	3/8	0	1411	5110	1411
336A	39	36	38	1- 1/16	36	124	124	9/16X16	3/8	0	1411	5110	1411
345A	39	36	38	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
354A	39	36	38	1- 1/16	36	124	124	3/4 X16	7/16	0	1411	5110	1311

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306A	39	36	37	1- 1/16	36	124	124	5/8 X16	3/8	0	1311	5110	1411
315A	39	36	37	1- 1/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
324A	39	36	37	1- 1/16	36	123	123	3/8 X16	3/8	0	1411	5110	1411
336A	39	36	37	1- 1/16	36	124	124	9/16X16	3/8	0	1411	5110	1411
345A	39	36	37	1- 1/16	36	124	124	11/16X16	7/16	0	5110	1411	5110
354A	39	36	37	1- 1/16	36	124	124	3/4 X16	7/16	0	1411	5110	1311

4-A1-149

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
406A	39	36	300	132	70	70	681	681	132	70	70	681	681	132	65	65	681	681
415A	39	36	300	135	55	55	492	492	137	55	55	492	492	138	50	50	492	492
424A	39	36	300	138	55	55	492	492	138	55	55	492	492	138	55	55	492	492
436A	39	36	300	138	60	60	492	492	138	60	60	492	492	138	60	60	492	492
445A	39	36	300	138	60	60	492	492	137	60	60	492	492	135	65	65	492	492
454A	39	36	300	132	70	70	491	491	132	75	75	491	491	132	75	75	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	39	36	39	1- 1/16	45	124	124	5/8 X16	3/8	0	5110	1212	5110
415A	39	36	39	1- 1/16	42	124	123	9/16X16	3/8	0	1212	5510	5110
424A	39	36	39	1- 1/16	36	123	123	7/16X16	5/16	0	1111	5110	1111
436A	39	36	39	1- 1/16	42	123	123	7/16X16	5/16	0	1111	5110	1111
445A	39	36	39	1- 1/16	42	123	123	9/16X16	5/16	0	5110	5310	1212
454A	39	36	39	1- 1/16	46	124	124	9/16X16	3/8	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	39	36	38	1- 1/16	50	124	124	5/8 X16	3/8	0	5110	1212	5110
415A	39	36	38	1- 1/16	42	124	123	9/16X16	3/8	0	1212	5510	5110
424A	39	36	38	1- 1/16	36	123	123	7/16X16	5/16	0	1111	5110	1111
436A	39	36	38	1- 1/16	42	123	123	7/16X16	5/16	0	1111	5110	1111
445A	39	36	38	1- 1/16	42	123	123	9/16X16	5/16	0	5110	5310	1212
454A	39	36	38	1- 1/16	50	124	124	9/16X16	3/8	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	39	36	37	1- 1/16	45	124	124	5/8 X16	3/8	0	5110	1212	5110
415A	39	36	37	1- 1/16	42	124	123	9/16X16	3/8	0	1212	5510	5110
424A	39	36	37	1- 1/16	36	123	123	7/16X16	5/16	0	1111	5110	1111
436A	39	36	37	1- 1/16	42	123	123	7/16X16	5/16	0	1111	5110	1111
445A	39	36	37	1- 1/16	42	123	123	9/16X16	3/8	0	5110	5310	1212
454A	39	36	37	1- 1/16	46	124	124	5/8 X16	3/8	0	5110	1212	5110

4-A1-150

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100A 39 37	210	136	75	75	692	692	540	75	75	0	0	140	65	65	692	692
300A 39 37	210	136	70	70	692	692	540	70	70	0	0	140	65	65	692	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
100A 39 37	39	1- 1/16	50	132	132	7/8 X16	7/16	0	5410	5010	1313
300A 39 37	39	1- 1/16	50	132	132	7/8 X16	7/16	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
100A 39 37	38	1- 1/16	50	132	132	7/8 X16	1/2	5/16	5410	5010	1313
300A 39 37	38	1- 1/16	50	132	132	7/8 X16	7/16	0	5410	5010	1313

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

4-A1-151

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A	40	37	300	135	70	70	102	682	138	55	55	102	682	140	55	55	102	682
112A	40	37	300	148	45	45	102	492	148	45	45	102	492	148	45	45	102	492
121A	40	37	300	148	45	45	102	492	148	45	45	102	492	148	45	45	102	492
130A	40	37	300	150	42	42	103	493	150	42	42	103	493	150	42	42	103	493
139A	40	37	300	150	42	42	103	683	150	42	42	103	683	150	42	42	103	683
148A	40	37	300	148	50	50	102	682	148	50	50	102	682	148	50	50	102	682
157A	40	37	300	140	60	60	102	682	138	60	60	102	682	135	70	70	102	692

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A	40	37	40	15/16	50	132	124	13/16X16	7/16	0	5110	1311	5210
112A	40	37	40	15/16	36	124	124	5/8 X16	3/8	0	1511	5210	1411
121A	40	37	40	15/16	36	123	123	9/16X16	3/8	0	5210	1411	5210
130A	40	37	40	15/16	36	123	123	9/16X16	3/8	0	1411	5210	1411
139A	40	37	40	15/16	36	124	124	3/4 X16	7/16	0	5210	1411	5210
148A	40	37	40	15/16	42	124	124	13/16X16	7/16	0	1411	5210	1511
157A	40	37	40	15/16	55	124	132	15/16X16	7/16	0	5210	1311	5110

PANEL NUMBER			FLOUR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A	40	37	39	1- 1/16	50	132	124	3/4 X16	7/16	0	5110	1311	5210
112A	40	37	39	1- 1/16	36	124	124	9/16X16	3/8	0	1511	5210	1411
121A	40	37	39	1- 1/16	36	123	123	7/16X16	3/8	0	5210	1411	5210
130A	40	37	39	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
139A	40	37	39	1- 1/16	36	124	124	5/8 X16	7/16	0	5210	1411	5210
148A	40	37	39	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1511
157A	40	37	39	1- 1/16	55	124	132	13/16X16	7/16	0	5210	1311	5110

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

PANEL NUMBER			FLOUR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A	40	37	38	1- 1/16	55	132	124	3/4 X16	7/16	0	5110	1311	5210
112A	40	37	38	1- 1/16	36	124	124	9/16X16	3/8	0	1511	5210	1411
121A	40	37	38	1- 1/16	36	123	123	1/2 X16	3/8	0	5210	1411	5210
130A	40	37	38	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
139A	40	37	38	1- 1/16	36	124	124	5/8 X16	7/16	0	5210	1411	5210
148A	40	37	38	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1511
157A	40	37	38	1- 1/16	55	124	132	13/16X16	7/16	0	5210	1311	5110

4-A1-152

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A 40 37	300	131	85	85	101	681	131	75	75	101	681	131	75	75	101	681
212A 40 37	300	132	70	70	101	491	132	75	75	101	491	134	70	70	102	492
221A 40 37	300	138	60	60	102	492	138	60	60	102	492	138	60	60	102	492
230A 40 37	300	137	55	55	102	442	137	55	55	102	442	137	55	55	102	442
239A 40 37	300	138	50	50	102	492	138	50	50	102	492	138	50	50	102	492
248A 40 37	300	134	55	55	102	492	132	60	60	101	491	132	60	60	101	491
257A 40 37	300	131	70	70	101	491	131	70	70	101	491	131	75	75	101	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 40 37	40	15/16	65	132	124	7/8 X16	7/16	0	1013	5210	5010
212A 40 37	40	15/16	50	124	124	11/16X16	3/8	0	5210	5010	5210
221A 40 37	40	15/16	42	123	123	9/16X16	5/16	0	5210	1111	5210
230A 40 37	40	15/16	42	123	123	7/16X16	5/16	0	1111	5210	1111
239A 40 37	40	15/16	36	123	123	1/2 X16	5/16	0	5210	1111	5210
248A 40 37	40	15/16	42	123	123	5/8 X16	5/16	0	5210	5010	5210
257A 40 37	40	15/16	55	124	132	3/4 X16	3/8	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 40 37	39	1- 1/16	65	132	124	13/16X16	7/16	0	1013	5210	5010
212A 40 37	39	1- 1/16	50	124	124	5/8 X16	3/8	0	5210	5010	5210
221A 40 37	39	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	1111	5210
230A 40 37	39	1- 1/16	36	123	122	5/16X16	5/16	0	1111	5210	1111
239A 40 37	39	1- 1/16	36	123	123	7/16X16	5/16	0	5210	1111	5210
248A 40 37	39	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	5010	5210
257A 40 37	39	1- 1/16	60	123	132	11/16X16	3/8	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 40 37	38	1- 1/16	65	132	124	13/16X16	7/16	0	1013	5210	5010
212A 40 37	38	1- 1/16	50	124	124	5/8 X16	3/8	0	5210	5010	5210
221A 40 37	38	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	1111	5210
230A 40 37	38	1- 1/16	42	123	123	3/8 X16	5/16	0	1111	5210	1111
239A 40 37	38	1- 1/16	36	123	123	7/16X16	5/16	0	5210	1111	5210
248A 40 37	38	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	5010	5210
257A 40 37	38	1- 1/16	60	124	132	11/16X16	3/8	0	5010	5210	1013

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

4-A1-153

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
303A	40	37	300	135	65	65	102	682	138	55	55	102	492	140	55	55	102	492
312A	40	37	300	148	46	46	102	492	148	46	46	102	492	148	46	46	102	492
321A	40	37	300	148	46	46	102	492	148	46	46	102	492	148	46	46	102	492
330A	40	37	300	150	46	46	103	493	150	50	50	103	493	150	50	50	103	493
339A	40	37	300	150	50	50	103	493	150	50	50	103	493	150	50	50	103	683
348A	40	37	300	148	50	50	102	682	148	50	50	102	682	148	50	50	102	682
357A	40	37	300	140	55	55	102	682	138	60	60	102	682	135	70	70	102	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A	40	37	40	15/16	50	132	124	13/16X16	7/16	0	5110	1311	5210
312A	40	37	40	15/16	36	124	124	5/8 X16	3/8	0	1511	5210	1411
321A	40	37	40	15/16	36	123	123	1/2 X16	3/8	0	5210	1411	5210
330A	40	37	40	15/16	42	123	123	9/16X16	3/8	0	1411	5210	1411
339A	40	37	40	15/16	42	124	124	11/16X16	7/16	0	5210	1411	5210
348A	40	37	40	15/16	42	124	124	3/4 X16	7/16	0	1411	5210	1511
357A	40	37	40	15/16	55	124	132	15/16X16	7/16	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A	40	37	39	1- 1/16	46	132	124	11/16X16	3/8	0	5110	1311	5210
312A	40	37	39	1- 1/16	36	124	123	1/2 X16	3/8	0	1511	5210	1411
321A	40	37	39	1- 1/16	36	123	123	7/16X16	3/8	0	5210	1411	5210
330A	40	37	39	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
339A	40	37	39	1- 1/16	36	124	124	5/8 X16	7/16	0	5210	1411	5210
348A	40	37	39	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1511
357A	40	37	39	1- 1/16	50	124	132	13/16X16	7/16	0	5210	1311	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A	40	37	38	1- 1/16	50	132	124	11/16X16	3/8	0	5110	1311	5210
312A	40	37	38	1- 1/16	36	124	123	1/2 X16	3/8	0	1511	5210	1411
321A	40	37	38	1- 1/16	36	123	123	7/16X16	3/8	0	5210	1411	5210
330A	40	37	38	1- 1/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
339A	40	37	38	1- 1/16	36	124	124	5/8 X16	7/16	0	5210	1411	5210
348A	40	37	38	1- 1/16	36	124	124	11/16X16	7/16	0	1411	5210	1511
357A	40	37	38	1- 1/16	55	124	132	13/16X16	7/16	0	5210	1311	5110

4-A1-154

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

DIVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403A	40	37	300	131	75	75	101	681	131	70	70	101	681	131	70	70	101	681
412A	40	37	300	132	65	65	101	491	132	65	65	101	491	134	60	60	102	492
421A	40	37	300	138	50	50	102	492	138	50	50	102	492	138	50	50	102	492
430A	40	37	300	137	55	55	102	442	137	55	55	102	442	137	55	55	102	492
439A	40	37	300	138	55	55	102	492	138	55	55	102	492	138	60	60	102	492
448A	40	37	300	134	65	65	102	492	132	70	70	101	491	132	70	70	101	491
457A	40	37	300	131	75	75	101	491	131	75	75	101	491	131	80	80	101	681

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A	40	37	40	15/16	60	132	124	7/8 X16	7/16	0	1013	5210	5010
412A	40	37	40	15/16	42	124	124	11/16X16	3/8	0	5210	5010	5210
421A	40	37	40	15/16	36	123	123	9/16X16	5/16	0	5210	1111	5210
430A	40	37	40	15/16	42	123	123	7/16X16	5/16	0	1111	5210	1111
439A	40	37	40	15/16	42	123	123	9/16X16	5/16	0	5210	1111	5210
448A	40	37	40	15/16	46	124	124	5/8 X16	3/8	0	5210	5010	5210
457A	40	37	40	15/16	60	124	132	13/16X16	3/8	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A	40	37	39	1- 1/16	60	132	124	3/4 X16	7/16	0	1013	5210	5010
412A	40	37	39	1- 1/16	42	124	124	5/8 X16	3/8	0	5210	5010	5210
421A	40	37	39	1- 1/16	36	123	123	1/2 X16	5/16	0	5210	1111	5210
430A	40	37	39	1- 1/16	36	123	123	3/8 X16	5/16	0	1111	5210	1111
439A	40	37	39	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	1111	5210
448A	40	37	39	1- 1/16	46	123	123	9/16X16	5/16	0	5210	5010	5210
457A	40	37	39	1- 1/16	65	124	132	11/16X16	3/8	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A	40	37	38	1- 1/16	60	132	124	3/4 X16	7/16	0	1013	5210	5010
412A	40	37	38	1- 1/16	42	124	124	9/16X16	3/8	0	5210	5010	5210
421A	40	37	38	1- 1/16	36	123	123	1/2 X16	5/16	0	5210	1111	5210
430A	40	37	38	1- 1/16	42	122	123	3/8 X16	5/16	0	1111	5210	1111
439A	40	37	38	1- 1/16	42	123	123	1/2 X16	5/16	0	5210	1111	5210
448A	40	37	38	1- 1/16	50	123	123	9/16X16	5/16	0	5210	5010	5210
457A	40	37	38	1- 1/16	65	124	132	11/16X16	3/8	0	5010	5210	1013

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

4-A1-155

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6- 5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
109A	40	38	200	147	46	46	102	492	148	45	45	102	492	149	45	45	103	493
118A	40	38	200	150	42	42	103	493	150	42	42	103	493	150	42	42	103	493
127A	40	38	200	150	45	45	103	493	150	45	45	103	493	150	42	42	103	493
133A	40	38	200	151	42	42	103	493	151	42	42	103	493	151	42	42	103	493
142A	40	38	200	150	45	45	103	683	150	45	45	103	683	150	45	45	103	683
151A	40	38	200	149	50	50	103	683	148	50	50	102	682	147	50	50	102	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	40	38	40	15/16	36	124	124	5/8 X16	3/8	0	5210	1411	5210
118A	40	38	40	15/16	36	124	123	5/8 X16	3/8	0	1411	5210	1411
127A	40	38	40	15/16	36	123	123	1/2 X16	3/8	0	5110	1411	5210
133A	40	38	40	15/16	36	123	124	5/8 X16	3/8	0	5210	1411	5110
142A	40	38	40	15/16	36	124	124	3/4 X16	7/16	0	1411	5210	1411
151A	40	38	40	15/16	42	124	124	3/4 X16	7/16	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	40	38	39	1- 1/16	36	124	124	9/16X16	3/8	0	5210	1411	5210
118A	40	38	39	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
127A	40	38	39	1- 1/16	36	123	123	3/8 X16	3/8	0	5110	1411	5210
133A	40	38	39	1- 1/16	36	123	124	9/16X16	3/8	0	5210	1411	5110
142A	40	38	39	1- 1/16	36	124	124	5/8 X16	7/16	0	1411	5210	1411
151A	40	38	39	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

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

4-A1-156

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6- 5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
209A	40	38	200	132	75	75	101	681	132	75	75	101	491	132	70	70	101	491
218A	40	38	200	139	60	60	102	492	139	60	60	102	492	139	60	60	102	492
227A	40	38	200	138	55	55	102	492	138	55	55	102	442	138	55	55	102	442
233A	40	38	200	138	55	55	102	442	138	55	55	102	442	138	55	55	102	492
242A	40	38	200	139	50	50	102	492	139	46	46	102	492	139	50	50	102	492
251A	40	38	200	132	60	60	101	491	132	65	65	101	491	132	65	65	101	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A	40	38	40	15/16	50	124	124	3/4 X16	3/8	0	5010	5210	1212
218A	40	38	40	15/16	42	124	123	5/8 X16	3/8	0	1611	5210	1111
227A	40	38	40	15/16	42	123	123	1/2 X16	5/16	0	5110	1111	5210
233A	40	38	40	15/16	42	123	123	7/16X16	5/16	0	5210	1111	5110
242A	40	38	40	15/16	36	123	123	9/16X16	5/16	0	1111	5210	1611
251A	40	38	40	15/16	45	123	124	5/8 X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A	40	38	39	1- 1/16	50	124	124	5/8 X16	3/8	0	5010	5210	1212
218A	40	38	39	1- 1/16	42	123	123	9/16X16	3/8	0	1611	5210	1111
227A	40	38	39	1- 1/16	42	123	123	3/8 X16	5/16	0	5110	1111	5210
233A	40	38	39	1- 1/16	36	122	123	3/8 X16	5/16	0	5210	1111	5110
242A	40	38	39	1- 1/16	36	123	123	1/2 X16	5/16	0	1111	5210	1611
251A	40	38	39	1- 1/16	42	123	123	1/2 X16	5/16	0	1212	5210	5010

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

4-A1-157

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6- 5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
309A	40	38	200	147	46	46	102	492	148	45	45	102	492	149	45	45	103	493
318A	40	38	200	150	45	45	103	493	150	45	45	103	493	150	45	45	103	493
327A	40	38	200	150	46	46	103	493	150	50	50	103	493	150	46	46	103	493
333A	40	38	200	151	46	46	103	493	151	46	46	103	493	151	46	46	103	493
342A	40	38	200	150	50	50	103	683	150	50	50	103	683	150	50	50	103	683
351A	40	38	200	149	50	50	103	683	148	50	50	102	682	147	50	50	102	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	40	38	40	15/16	36	124	124	5/8 X16	3/8	0	5210	1411	5210
318A	40	38	40	15/16	36	123	123	9/16X16	3/8	0	1411	5210	1411
327A	40	38	40	15/16	42	123	123	7/16X16	3/8	0	5110	1411	5210
333A	40	38	40	15/16	42	123	124	5/8 X16	3/8	0	5210	1411	5110
342A	40	38	40	15/16	42	124	124	3/4 X16	7/16	0	1411	5210	1411
351A	40	38	40	15/16	42	124	124	3/4 X16	7/16	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	40	38	39	1- 1/16	36	124	124	1/2 X16	3/8	0	5210	1411	5210
318A	40	38	39	1- 1/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
327A	40	38	39	1- 1/16	36	123	123	3/8 X15	3/8	0	5110	1411	5210
333A	40	38	39	1- 1/16	36	123	124	1/2 X16	3/8	0	5210	1411	5110
342A	40	38	39	1- 1/16	36	124	124	5/8 X16	7/16	0	1411	5210	1411
351A	40	38	39	1- 1/16	36	124	124	11/16X16	7/16	0	5210	1411	5210

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

4-A1-158

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
409A	40	38	200	132	65	65	101	681	132	65	65	101	491	132	65	65	101	491
418A	40	38	200	139	50	50	102	492	139	50	50	102	492	139	50	50	102	492
427A	40	38	200	138	55	55	102	492	138	55	55	102	442	138	55	55	102	442
433A	40	38	200	138	55	55	102	492	138	55	55	102	492	138	55	55	102	492
442A	40	38	200	139	55	55	102	492	139	55	55	102	492	139	55	55	102	492
451A	40	38	200	132	70	70	101	491	132	70	70	101	491	132	70	70	101	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	40	38	40	15/16	45	124	124	11/16X16	3/8	0	5010	5210	1212
418A	40	38	40	15/16	36	123	123	5/8 X16	3/8	0	1611	5210	1111
427A	40	38	40	15/16	36	123	123	7/16X16	5/16	0	5110	1111	5210
433A	40	38	40	15/16	42	123	123	7/16X16	5/16	0	5210	1111	5110
442A	40	38	40	15/16	42	123	123	5/8 X16	3/8	0	1111	5210	1611
451A	40	38	40	15/16	50	124	124	5/8 X16	3/8	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	40	38	39	1- 1/16	45	124	124	5/8 X16	3/8	0	5010	5210	1212
418A	40	38	39	1- 1/16	36	123	123	9/16X16	5/16	0	1611	5210	1111
427A	40	38	39	1- 1/16	36	123	123	3/8 X16	5/16	0	5110	1111	5210
433A	40	38	39	1- 1/16	36	123	123	3/8 X16	5/16	0	5210	1111	5110
442A	40	38	39	1- 1/16	42	123	123	1/2 X16	5/16	0	1111	5210	1611
451A	40	38	39	1- 1/16	46	123	124	9/16X16	3/8	0	1212	5210	5010

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

4-A1-159

WORTHINGTON, SKILLING, HELLE & JACKSON, Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A	40	38	210	141	70	70	102	692	541	75	75	0	0	137	75	75	102	692
400A	40	38	210	141	65	65	102	692	541	70	70	0	0	137	70	70	102	692

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A	40	38	40	15/16	55	132	132	1- 1/8 X16	1/2	5/16	1313	5010	5610
400A	40	38	40	15/16	50	132	132	1- 1/8 X16	1/2	5/16	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A	40	38	39	1- 1/16	55	132	132	1 X16	1/2	5/16	1313	5010	5610
400A	40	38	39	1- 1/16	50	132	132	1 X16	1/2	5/16	1313	5010	5610

4-A1-160

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106A	40	39	100	144	50	50	102	492	146	50	50	102	492	147	46	46	102	492
115A	40	39	100	150	42	42	103	493	150	42	42	103	493	150	42	42	103	493
124A	40	39	100	150	42	42	103	493	150	42	42	103	493	150	42	42	103	493
136A	40	39	100	153	42	42	103	493	153	42	42	103	493	153	42	42	103	493
145A	40	39	100	150	45	45	103	683	150	46	46	103	683	150	46	46	103	683
154A	40	39	100	147	50	50	102	682	146	55	55	102	682	144	55	55	102	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP PL FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A	40	39	40	15/16	36	124	124	3/4 X16	3/8	0	1311	5110	1411
115A	40	39	40	15/16	36	124	124	5/8 X16	3/8	0	5110	1411	5110
124A	40	39	40	15/16	36	123	123	1/2 X16	3/8	0	1411	5110	1411
136A	40	39	40	15/16	36	124	124	11/16X16	1/2	0	1411	5110	1411
145A	40	39	40	15/16	42	124	124	13/16X16	7/16	0	5110	1411	5110
154A	40	39	40	15/16	42	124	124	7/8 X16	7/16	0	1411	5110	1311

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

4-A1-161

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER

TITLE: EXTERIOR WALL PANEL SCHEDULE

DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206A	40	39	100	132	75	75	101	681	132	75	75	101	681	132	75	75	101	681
215A	40	39	100	136	65	65	102	492	138	60	60	102	492	139	60	60	102	492
224A	40	39	100	138	60	60	102	492	138	60	60	102	492	138	60	60	102	492
236A	40	39	100	138	55	55	102	492	138	55	55	102	492	138	50	50	102	492
245A	40	39	100	139	50	50	102	492	138	50	50	102	492	136	55	55	102	492
254A	40	39	100	132	65	65	101	491	132	65	65	101	491	132	65	65	101	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	40	39	40	15/16	50	124	124	3/4 X16	3/8	0	5110	1212	5110
215A	40	39	40	15/16	45	124	124	11/16X16	3/8	0	1212	5510	5110
224A	40	39	40	15/16	42	123	123	1/2 X16	5/16	0	1111	5110	1111
236A	40	39	40	15/16	36	123	123	1/2 X16	5/16	0	1111	5110	1111
245A	40	39	40	15/16	42	123	123	5/8 X16	5/16	0	5110	5310	1212
254A	40	39	40	15/16	45	124	124	5/8 X16	3/8	0	5110	1212	5110

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

4-A1-162

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306A	40	39	100	144	50	50	102	492	146	50	50	102	492	147	46	46	102	492
315A	40	39	100	150	45	45	103	493	150	45	45	103	493	150	45	45	103	493
324A	40	39	100	150	45	45	103	493	150	46	46	103	493	150	46	46	103	493
336A	40	39	100	153	46	46	103	493	153	46	46	103	493	153	46	46	103	493
345A	40	39	100	150	50	50	103	683	150	50	50	103	683	150	50	50	103	683
354A	40	39	100	147	50	50	102	682	146	50	50	102	682	144	50	50	102	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A	40	39	40	15/16	36	124	124	3/4 X16	3/8	0	1311	5110	1411
315A	40	39	40	15/16	36	124	123	5/8 X16	3/8	0	5110	1411	5110
324A	40	39	40	15/16	42	123	123	1/2 X16	3/8	0	1411	5110	1411
336A	40	39	40	15/16	42	124	124	11/16X16	1/2	0	1411	5110	1411
345A	40	39	40	15/16	42	124	124	3/4 X16	7/16	0	5110	1411	5110
354A	40	39	40	15/16	36	124	124	7/8 X16	7/16	0	1411	5110	1311

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

4-A1-163

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406A	40	39	100	132	70	70	101	681	132	70	70	101	681	132	70	70	101	681
415A	40	39	100	136	55	55	102	492	138	50	50	102	492	139	50	50	102	492
424A	40	39	100	138	50	50	102	492	138	55	55	102	492	138	55	55	102	492
436A	40	39	100	138	55	55	102	492	138	55	55	102	492	138	55	55	102	492
445A	40	39	100	139	60	60	102	492	138	60	60	102	492	136	65	65	102	492
454A	40	39	100	132	70	70	101	491	132	70	70	101	491	132	70	70	101	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
406A	40	39	40	15/16	46	124	124	3/4 X16	3/8	0	5110	1212	5110
415A	40	39	40	15/16	42	124	123	11/16X16	3/8	0	1212	5510	5110
424A	40	39	40	15/16	36	123	123	1/2 X16	5/16	0	1111	5110	1111
436A	40	39	40	15/16	42	123	123	1/2 X16	5/16	0	1111	5110	1111
445A	40	39	40	15/16	42	123	124	5/8 X16	3/8	0	5110	5310	1212
454A	40	39	40	15/16	50	124	124	11/16X16	3/8	0	5110	1212	5110

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

4-A1-164

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100A 40 39	120	138	75	75	102	692	541	75	75	122	0	141	65	65	102	692
300A 40 39	120	138	65	65	102	692	541	65	65	122	0	141	65	65	102	692

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 40 39	40	15/16	50	132	132	1 X16	1/2	5/16	5410	5010	1313
300A 40 39	40	15/16	50	132	132	1 X16	1/2	5/16	5410	5010	1313

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

4-A1-165

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
	103A	43 40	401	339	75	75	102	102	342	65	65	102	102	345	60	60	102	102
	106A	43 40	401	347	60	60	102	102	349	55	55	102	102	350	55	55	102	102
	109A	43 40	401	352	55	55	102	102	353	50	50	102	102	354	50	50	102	103
	112A	43 40	401	354	50	50	102	102	354	50	50	102	102	354	50	50	102	102
	115A	43 40	401	354	50	50	102	103	354	50	50	102	103	354	50	50	102	103
	118A	43 40	401	354	50	50	102	103	354	50	50	102	103	354	50	50	102	103
	121A	43 40	401	354	50	50	102	102	354	50	50	102	102	354	50	50	102	102
	124A	43 40	401	354	50	50	102	103	354	50	50	102	103	354	50	50	102	103
	127A	43 40	401	355	50	50	102	103	355	50	50	102	103	355	50	50	102	103
	130A	43 40	401	356	46	46	102	103	356	46	46	102	103	356	50	50	103	103

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2	103A	43 40	43	15/16	60	416	404	1- 1/8 X16	3/8	0	7020	(7020)	6220
	106A	43 40	43	15/16	42	404	404	7/8 X16	3/8	0	4524	6120	4424
	109A	43 40	43	15/16	42	404	404	15/16X16	3/8	0	6220	4424	6220
2	112A	43 40	43	15/16	36	404	404	15/16X16	1/2	0	4424	(6220)	4424
	115A	43 40	43	15/16	36	404	404	7/8 X16	1/2	0	6120	4424	6120
2	118A	43 40	43	15/16	36	404	404	7/8 X16	1/2	0	4424	(6220)	4424
2	121A	43 40	43	15/16	36	404	403	13/16X16	1/2	0	6220	4424	(5220)
	124A	43 40	43	15/16	36	403	403	3/4 X16	1/2	0	4424	6120	4424
2	127A	43 40	43	15/16	36	403	403	3/4 X16	1/2	0	6120	4424	(5220)
	130A	43 40	43	15/16	42	403	404	13/16X16	1/2	0	4424	6220	4424

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	103A	43 40	41	15/16	60	416	404	1- 1/8 X16	3/8	0	7020	6020	6320
	106A	43 40	41	15/16	42	404	404	15/16X16	3/8	0	4524	6120	4424
	109A	43 40	41	15/16	42	404	404	15/16X16	3/8	0	6120	4424	6220
	112A	43 40	41	15/16	42	404	404	15/16X16	1/2	0	4424	6120	4424
	115A	43 40	41	15/16	42	404	404	15/16X16	1/2	0	6120	4424	6120
	118A	43 40	41	15/16	42	404	404	7/8 X16	1/2	0	4424	6120	4424
	121A	43 40	41	15/16	42	404	403	13/16X16	1/2	0	6220	4424	6120
	124A	43 40	41	15/16	42	403	403	3/4 X16	1/2	0	4424	6120	4424
	127A	43 40	41	15/16	42	403	403	3/4 X16	1/2	0	6120	4424	6120
	130A	43 40	41	15/16	45	403	403	13/16X16	1/2	0	4424	6220	4524

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF ILLINOIS

4-A1-166

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
133A	43	40	401	356	50	50	103	103	356	46	46	103	103	356	46	46	103	103
136A	43	40	401	356	46	46	103	103	356	46	46	103	103	356	46	46	103	103
139A	43	40	401	356	46	46	103	103	356	46	46	103	103	356	50	50	102	103
142A	43	40	401	356	50	50	102	103	355	50	50	102	103	355	50	50	102	103
145A	43	40	401	355	50	50	102	103	354	55	55	102	103	354	55	55	102	103
148A	43	40	401	354	55	55	102	102	354	55	55	102	102	354	55	55	102	102
151A	43	40	401	354	55	55	102	103	353	55	55	102	102	352	55	55	102	102
154A	43	40	401	350	60	60	102	102	349	60	60	102	102	347	65	65	102	102
157A	43	40	401	345	65	65	102	102	342	70	70	102	102	339	85	85	102	102

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
2	133A	43	40	43	15/16	42	404	404	7/8 X16	1/2	0	6220	4424	6120
	136A	43	40	43	15/16	36	404	404	15/16X16	1/2	0	4324	6120	4324
2	139A	43	40	43	15/16	42	404	405	1 X16	1/2	0	6220	4324	6220
2	142A	43	40	43	15/16	42	405	405	1- 1/16X16	1/2	0	4324	6220	4324
	145A	43	40	43	15/16	42	405	405	1- 1/16X16	1/2	0	6120	4324	6120
	148A	43	40	43	15/16	42	405	405	1- 1/16X16	1/2	0	4324	6220	4324
	151A	43	40	43	15/16	42	405	405	1- 1/16X16	3/8	0	6220	4424	6220
	154A	43	40	43	15/16	42	405	405	1- 1/16X16	3/8	0	4424	6120	4524
2	157A	43	40	43	15/16	65	405	416	1- 1/4 X16	3/8	0	6220	7020	7020

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	133A	43	40	41	15/16	45	403	404	7/8 X16	1/2	0	6120	4424	6120
	136A	43	40	41	15/16	45	404	404	1 X16	1/2	0	4424	6120	4524
2	139A	43	40	41	15/16	45	404	404	1 X16	1/2	0	6120	4524	6220
	142A	43	40	41	15/16	45	404	405	1- 1/16X16	1/2	0	4424	6120	4424
	145A	43	40	41	15/16	45	405	405	1- 1/16X16	1/2	0	6120	4424	6120
2	148A	43	40	41	15/16	46	405	405	1- 1/8 X16	1/2	0	4424	6120	4424
2	151A	43	40	41	15/16	50	405	405	1- 1/8 X16	3/8	0	6220	4424	6120
	154A	43	40	41	15/16	46	405	405	1- 1/16X16	3/8	0	4424	6120	4524
2	157A	43	40	41	15/16	65	405	416	1- 1/4 X16	3/8	0	6320	6020	7020

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NO. 34460 — UNIVERSITY OF THE STATE

4-21-167

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
203A 43 40	401	333	100	100	101	101	334	90	90	101	101	334	90	90	101	101
206A 43 40	401	334	100	100	101	101	334	100	100	101	101	335	85	85	101	101
209A 43 40	401	335	85	85	101	101	335	85	85	101	101	335	85	85	101	101
212A 43 40	401	335	85	85	101	101	336	85	85	101	101	337	80	80	102	102
215A 43 40	401	338	80	80	102	102	341	70	70	102	102	342	70	70	102	102
218A 43 40	401	343	70	70	102	102	343	70	70	102	102	343	70	70	102	102
221A 43 40	401	343	70	70	102	102	342	70	70	102	102	341	70	70	102	102
224A 43 40	401	341	70	70	102	102	341	70	70	102	102	341	65	65	102	102
227A 43 40	401	341	65	65	102	102	341	65	65	102	102	341	65	65	102	102
230A 43 40	401	341	65	65	102	102	341	65	65	102	102	341	65	65	102	102

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203A 43 40	43	15/16	75	416	405	1- 3/16X16	3/8	0	7494	6220	7010
206A 43 40	43	15/16	60	405	404	1 X16	5/16	0	6320	7494	6320
209A 43 40	43	15/16	55	404	404	1 X16	5/16	0	7010	6220	7494
212A 43 40	43	15/16	55	404	404	15/16X16	5/16	0	6220	7010	6220
215A 43 40	43	15/16	50	404	404	15/16X16	5/16	0	7494	6320	7010
218A 43 40	43	15/16	45	404	403	15/16X16	3/8	0	4524	6220	4274
221A 43 40	43	15/16	45	403	403	13/16X16	3/8	0	6220	4274	6220
224A 43 40	43	15/16	45	403	403	3/4 X16	3/8	0	4274	6120	4274
227A 43 40	43	15/16	45	403	402	11/16X16	3/8	0	6120	4274	6220
230A 43 40	43	15/16	45	402	402	5/8 X16	3/8	0	4274	6220	4274

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203A 43 40	41	15/16	85	416	404	1- 3/16X16	3/8	0	4064	6120	4064
~~206A 43 40~~	~~41~~	~~15/16~~	~~65~~	~~404~~	~~404~~	~~1- 1/16X16~~	~~5/16~~	~~0~~	~~6120~~	(7010)	~~6120~~
209A 43 40	41	15/16	60	404	404	1 X16	5/16	0	4064	6120	7464
212A 43 40	41	15/16	60	404	404	15/16X16	5/16	0	6220	7464	6120
215A 43 40	41	15/16	55	404	404	15/16X16	5/16	0	7464	6120	7364
218A 43 40	41	15/16	50	404	403	15/16X16	3/8	0	4524	6120	4274
221A 43 40	41	15/16	50	403	403	13/16X16	3/8	0	6220	4274	6120
224A 43 40	41	15/16	46	403	403	3/4 X16	3/8	0	4274	6120	4274
227A 43 40	41	15/16	45	403	402	11/16X16	3/8	0	6120	4274	6120
230A 43 40	41	15/16	45	402	402	5/8 X16	3/8	0	4274	6220	4274

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 3456 UNIVERSITY OF [illegible]

4-A1-162

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
233A 43 40	401	341	65	65	102	102	341	60	60	102	102	341	60	60	102	102
236A 43 40	401	341	60	60	102	102	341	60	60	102	102	341	60	60	102	102
239A 43 40	401	341	60	60	102	102	342	55	55	102	102	343	55	55	102	102
242A 43 40	401	343	55	55	102	102	343	55	55	102	102	343	55	55	102	102
245A 43 40	401	342	55	55	102	102	341	60	60	102	102	338	60	60	102	102
248A 43 40	401	337	65	65	102	102	336	65	65	101	101	335	70	70	101	101
251A 43 40	401	335	70	70	101	101	335	70	70	101	101	335	70	70	101	101
254A 43 40	401	335	70	70	101	101	334	75	75	101	101	334	75	75	101	101
257A 43 40	401	334	80	80	101	101	334	80	80	101	101	333	85	85	101	101

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	233A 43 40	43	15/16	42	402	402	5/8 X16	3/8	0	6220	4274	6120
	236A 43 40	43	15/16	42	402	403	11/16X16	3/8	0	4274	6120	4324
2	239A 43 40	43	15/16	42	403	403	3/4 X16	3/8	0	6220	7354	6220
2	242A 43 40	43	15/16	36	403	403	13/16X16	3/8	0	7354	6220	4524
	245A 43 40	43	15/16	42	403	403	13/16X16	5/16	0	7010	6320	7494
	248A 43 40	43	15/16	50	403	404	13/16X16	5/16	0	6220	7010	6220
	251A 43 40	43	15/16	50	404	404	7/8 X16	5/16	0	7494	6220	7010
	254A 43 40	43	15/16	55	404	404	7/8 X16	5/16	0	6320	7494	6320
	257A 43 40	43	15/16	65	404	415	1 X16	5/16	0	7010	6220	7494

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	233A 43 40	41	15/16	42	402	402	5/8 X16	3/8	0	6120	4274	6120
	236A 43 40	41	15/16	42	402	403	11/16X16	3/8	0	4274	6120	4274
	~~239A 43 40~~	~~41~~	~~15/16~~	~~42~~	~~403~~	~~403~~	~~3/4 X16~~	~~3/8~~	~~0~~	6120	4274	6220
	242A 43 40	41	15/16	36	403	403	13/16X16	3/8	0	4274	6120	4524
	245A 43 40	41	15/16	42	403	403	13/16X16	5/16	0	7364	6120	7464
	248A 43 40	41	15/16	45	403	403	7/8 X16	5/16	0	6120	7464	6220
	251A 43 40	41	15/16	46	403	404	7/8 X16	5/16	0	7464	6120	4064
2	254A 43 40	41	15/16	50	404	404	7/8 X16	5/16	0	6120	7010	6120
	257A 43 40	41	15/16	70	404	415	1- 1/16X16	5/16	0	4064	6120	4064

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 24866 STATE OF NEW YORK

4-A1-149

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A	43	40	401	339	70	70	102	102	342	60	60	102	102	345	60	60	102	102
306A	43	40	401	347	55	55	102	102	349	55	55	102	102	350	55	55	102	102
309A	43	40	401	352	55	55	102	102	353	50	50	102	102	354	50	50	102	103
312A	43	40	401	354	55	55	102	102	354	55	55	102	102	354	55	55	102	102
315A	43	40	401	354	55	55	102	103	354	55	55	102	103	354	55	55	102	103
318A	43	40	401	354	55	55	102	103	354	55	55	102	103	354	55	55	102	103
321A	43	40	401	354	55	55	102	102	354	55	55	102	102	354	55	55	102	102
324A	43	40	401	354	55	55	102	103	354	55	55	102	103	354	55	55	102	103
327A	43	40	401	355	55	55	102	103	355	55	55	102	103	355	55	55	102	103
330A	43	40	401	356	55	55	102	103	356	55	55	102	103	356	55	55	103	103

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
2	303A	43	40	43	15/16	55	415	404	1- 1/16X16	3/8	0	7020	7020	6220
	306A	43	40	43	15/16	42	404	404	7/8 X16	3/8	0	4524	6120	4424
	309A	43	40	43	15/16	42	404	404	7/8 X16	3/8	0	6220	4424	6220
2	312A	43	40	43	15/16	42	404	404	7/8 X16	1/2	0	4424	6220	4424
	315A	43	40	43	15/16	42	404	404	7/8 X16	1/2	0	6120	4424	6120
2	318A	43	40	43	15/16	42	404	403	13/16X16	1/2	0	4424	6220	4424
2	321A	43	40	43	15/16	42	403	403	3/4 X16	1/2	0	6220	4424	6220
	324A	43	40	43	15/16	42	403	403	11/16X16	1/2	0	4424	6120	4424
2	327A	43	40	43	15/16	42	403	403	11/16X16	1/2	0	6120	4424	6220
	330A	43	40	43	15/16	42	403	403	13/16X16	1/2	0	4424	6220	4424

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
303A	43	40	41	15/16	55	415	404	1- 1/8 X16	3/8	0	7020	6020	6320
306A	43	40	41	15/16	42	404	404	7/8 X16	3/8	0	4524	6120	4424
309A	43	40	41	15/16	45	404	404	7/8 X16	3/8	0	6120	4424	6220
312A	43	40	41	15/16	45	404	404	7/8 X16	1/2	0	4424	6120	4424
315A	43	40	41	15/16	45	404	404	7/8 X16	1/2	0	6120	4424	6120
318A	43	40	41	15/16	45	404	403	13/16X16	1/2	0	4424	6120	4424
321A	43	40	41	15/16	45	403	403	13/16X16	1/2	0	6220	4424	6120
324A	43	40	41	15/16	45	403	403	3/4 X16	1/2	0	4424	6120	4424
327A	43	40	41	15/16	46	403	403	11/16X16	1/2	0	6120	4424	6120
330A	43	40	41	15/16	50	403	403	13/16X16	1/2	0	4424	6220	4524

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34[illegible]

4-11-71

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
333A	43	40	401	356	55	55	103	103	356	55	55	103	103	356	55	55	103	103
336A	43	40	401	356	55	55	103	103	356	55	55	103	103	356	55	55	103	103
339A	43	40	401	356	55	55	103	103	356	55	55	103	103	356	55	55	102	103
342A	43	40	401	356	55	55	102	103	355	55	55	102	103	355	55	55	102	103
345A	43	40	401	355	55	55	102	103	354	55	55	102	103	354	55	55	102	103
348A	43	40	401	354	55	55	102	102	354	55	55	102	102	354	55	55	102	102
351A	43	40	401	354	55	55	102	103	353	55	55	102	102	352	55	55	102	102
354A	43	40	401	350	55	55	102	102	349	60	60	102	102	347	60	60	102	102
357A	43	40	401	345	60	60	102	102	342	65	65	102	102	339	75	75	102	102

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2	333A	43	40	43	15/16	42	403	404	7/8 X16	1/2	0	(6220)	4424	6120
	336A	43	40	43	15/16	42	404	404	15/16X16	1/2	0	4324	6120	4324
2	339A	43	40	43	15/16	42	404	404	1 X16	1/2	0	(6220)	4324	6220
2	342A	43	40	43	15/16	42	404	405	1- 1/16X16	1/2	0	4324	(6220)	4324
	345A	43	40	43	15/16	42	405	405	1- 1/16X16	1/2	0	6120	4324	6120
	348A	43	40	43	15/16	42	405	405	1- 1/16X16	1/2	0	4324	6220	4324
	351A	43	40	43	15/16	42	405	405	1- 1/16X16	3/8	0	6220	4424	6220
	354A	43	40	43	15/16	42	405	405	1 X16	3/8	0	4424	6120	4524
2	357A	43	40	43	15/16	60	405	416	1- 1/4 X16	3/8	0	(6220)	(7020)	(7020)

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	333A	43	40	41	15/16	50	403	404	7/8 X16	1/2	0	6120	4424	6120
	336A	43	40	41	15/16	50	404	404	15/16X16	1/2	0	4424	6120	4524
2	339A	43	40	41	15/16	50	404	404	1 X16	1/2	0	6120	(4524)	6220
	342A	43	40	41	15/16	50	404	405	1- 1/16X16	1/2	0	4424	6120	4424
	345A	43	40	41	15/16	50	405	405	1- 1/16X16	1/2	0	6120	4424	6120
2	348A	43	40	41	15/16	50	405	405	1- 1/16X16	1/2	0	4424	(6120)	4424
2	351A	43	40	41	15/16	50	405	405	1- 1/16X16	3/8	0	6220	4424	(6120)
	354A	43	40	41	15/16	45	405	405	1- 1/16X16	3/8	0	4424	6120	4524
2	357A	43	40	41	15/16	60	405	416	1- 1/4 X16	3/8	0	6320	6020	(7020)

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NO. 34300 — STATE OF NEW YORK

4-21-71

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403A	43	40	401	333	90	90	101	101	334	80	80	101	101	334	80	80	101	101
406A	43	40	401	334	80	80	101	101	334	80	80	101	101	335	75	75	101	101
409A	43	40	401	335	75	75	101	101	335	75	75	101	101	335	75	75	101	101
412A	43	40	401	335	70	70	101	101	336	70	70	101	101	337	65	65	102	102
415A	43	40	401	338	65	65	102	102	341	60	60	102	102	342	55	55	102	102
418A	43	40	401	343	55	55	102	102	343	55	55	102	102	343	55	55	102	102
421A	43	40	401	343	55	55	102	102	342	55	55	102	102	341	60	60	102	102
424A	43	40	401	341	60	60	102	102	341	60	60	102	102	341	60	60	102	102
427A	43	40	401	341	60	60	102	102	341	60	60	102	102	341	60	60	102	102
430A	43	40	401	341	60	60	102	102	341	65	65	102	102	341	65	65	102	102

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	403A	43	40	43	15/16	70	416	404	1- 3/16X16	3/8	0	7494	6220	7010
	406A	43	40	43	15/16	55	404	404	1 X16	5/16	0	6320	7494	6320
	409A	43	40	43	15/16	50	404	404	15/16X16	5/16	0	7010	6220	7494
	412A	43	40	43	15/16	50	404	404	15/16X16	5/16	0	6220	7010	6220
	415A	43	40	43	15/16	42	404	404	7/8 X16	5/16	0	7494	6320	7010
2	418A	43	40	43	15/16	36	404	403	7/8 X16	3/8	0	4524	6220	(7354)
2	421A	43	40	43	15/16	42	403	403	13/16X16	3/8	0	6220	(7354)	6220
	424A	43	40	43	15/16	42	403	403	3/4 X16	3/8	0	4324	6120	4274
	427A	43	40	43	15/16	42	403	402	5/8 X16	3/8	0	6120	4274	6220
	430A	43	40	43	15/16	42	402	402	5/8 X16	3/8	0	4274	6220	4274

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	403A	43	40	41	15/16	70	416	404	1- 3/16X16	3/8	0	4064	6120	4064
2	406A	43	40	41	15/16	55	404	404	1 X16	5/16	0	6120	(7010)	6120
	409A	43	40	41	15/16	50	404	404	1 X16	5/16	0	4064	6120	7464
	412A	43	40	41	15/16	50	404	404	15/16X16	5/16	0	6220	7464	6120
	415A	43	40	41	15/16	42	404	404	15/16X16	5/16	0	7464	6120	7364
	418A	43	40	41	15/16	42	404	403	7/8 X16	3/8	0	4524	6120	4274
	421A	43	40	41	15/16	42	403	403	13/16X16	3/8	0	6220	4274	6120
	424A	43	40	41	15/16	42	403	402	3/4 X16	3/8	0	4274	6120	4274
	427A	43	40	41	15/16	42	402	402	11/16X16	3/8	0	6120	4274	6120
	430A	43	40	41	15/16	45	402	402	5/8 X16	3/8	0	4274	6220	4274

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

4-83-172

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COLUMN 1 FY1	COLUMN 1 FY2	COLUMN 1 CSU	COLUMN 1 CSL	COLUMN 2 TYPE	COLUMN 2 FY1	COLUMN 2 FY2	COLUMN 2 CSU	COLUMN 2 CSL	COLUMN 3 TYPE	COLUMN 3 FY1	COLUMN 3 FY2	COLUMN 3 CSU	COLUMN 3 CSL
433A 43 40	401	341	65	65	102	102	341	65	65	102	102	341	65	65	102	102
436A 43 40	401	341	65	65	102	102	341	65	65	102	102	341	65	65	102	102
439A 43 40	401	341	65	65	102	102	342	65	65	102	102	343	65	65	102	102
442A 43 40	401	343	65	65	102	102	343	65	65	102	102	343	65	65	102	102
445A 43 40	401	342	70	70	102	102	341	70	70	102	102	338	75	75	102	102
448A 43 40	401	337	80	80	102	102	336	80	80	101	101	335	80	80	101	101
451A 43 40	401	335	80	80	101	101	335	80	80	101	101	335	80	80	101	101
454A 43 40	401	335	80	80	101	101	334	85	85	101	101	334	85	85	101	101
457A 43 40	401	334	85	85	101	101	334	85	85	101	101	333	100	100	101	101

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
433A 43 40	43	15/16	45	402	403	11/16X16	3/8	0	6220	4274	6120
2 436A 43 40	43	15/16	45	403	403	3/4 X16	3/8	0	4284	6120	4064
439A 43 40	43	15/16	45	403	403	13/16X16	3/8	0	6220	4064	6220
442A 43 40	43	15/16	42	403	403	7/8 X16	3/8	0	4064	6220	4524
445A 43 40	43	15/16	50	403	404	7/8 X16	5/16	0	7010	6320	7494
448A 43 40	43	15/16	55	404	404	7/8 X16	5/16	0	6220	7010	6220
451A 43 40	43	15/16	55	404	404	7/8 X16	5/16	0	7494	6220	7010
454A 43 40	43	15/16	60	404	404	15/16X16	5/16	0	6320	7494	6320
457A 43 40	43	15/16	70	404	416	1- 1/16X16	3/8	0	7010	6220	7494

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
433A 43 40	41	15/16	45	402	403	11/16X16	3/8	0	6120	4274	6120
436A 43 40	41	15/16	45	403	403	3/4 X16	3/8	0	4274	6120	4274
439A 43 40	41	15/16	45	403	403	13/16X16	3/8	0	6120	4274	6220
442A 43 40	41	15/16	45	403	403	7/8 X16	3/8	0	4274	6120	4524
445A 43 40	41	15/16	50	403	404	7/8 X16	5/16	0	7364	6120	7464
448A 43 40	41	15/16	55	404	404	7/8 X16	5/16	0	6120	7464	6220
451A 43 40	41	15/16	55	404	404	15/16X16	5/16	0	7464	6120	4064
2 454A 43 40	41	15/16	60	404	404	15/16X16	5/16	0	6120	7010	6120
457A 43 40	41	15/16	75	404	416	1- 1/16X16	5/16	0	4064	6120	4064

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON UNIVERSITY OF ...

4-A1-173

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A 43 40	411	340	85	85	102	102	544	85	85	122	122	344	75	75	102	102
300A 43 40	411	340	80	80	102	102	544	80	80	122	122	344	70	70	102	102

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 43 40	43	15/16	60	416	416	1- 3/8 X16	7/16	0	6620	6020	6720
300A 43 40	43	15/16	55	415	415	1- 5/16X16	3/8	0	6620	6020	6720

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 43 40	41	15/16	60	416	416	1- 3/8 X16	7/16	0	6520	6020	6820
300A 43 40	41	15/16	55	415	415	1- 5/16X16	3/8	0	6520	6020	6820

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

4-A1-174

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200A 43 40	421	344	80	80	102	102	444	100	100	0	0	340	100	100	102	102
400A 43 40	421	344	75	75	102	102	444	85	85	0	0	340	85	85	102	102

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 43 40	43	15/16	60	416	416	1- 1/2 X16	7/16	0	6520	6020	6820
400A 43 40	43	15/16	60	416	416	1- 1/2 X16	7/16	0	6520	6020	6820

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 43 40	41	15/16	65	416	416	1- 1/2 X16	7/16	0	6620	6020	6720
400A 43 40	41	15/16	55	416	416	1- 1/2 X16	7/16	0	6620	6020	6720

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

4-A1-175

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A 44 43	102	135	70	70	682	102	137	60	60	492	102	139	60	60	492	102
112A 44 43	102	147	46	46	492	102	147	46	46	492	102	147	45	45	492	102
121A 44 43	102	147	45	45	492	102	147	45	45	492	102	147	45	45	492	102
130A 44 43	102	148	45	45	492	102	148	45	45	492	102	149	45	45	492	103
139A 44 43	102	149	45	45	492	103	149	45	45	492	103	148	45	45	492	102
148A 44 43	102	147	50	50	682	102	147	50	50	682	102	147	50	50	682	102
157A 44 43	102	139	60	60	682	102	137	65	65	682	102	135	75	75	682	102

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103A 44 43	44	7/8	55	232	223	3/4 X16	3/8	0	5110	3311	5210
112A 44 43	44	7/8	36	223	223	9/16X16	3/8	0	3511	5210	3411
121A 44 43	44	7/8	36	223	223	1/2 X16	3/8	0	5210	3411	5210
2 130A 44 43	44	7/8	36	222	223	7/16X16	3/8	0	(4410)	5210	(4410)
139A 44 43	44	7/8	36	223	223	5/8 X16	3/8	0	5210	3411	5210
148A 44 43	44	7/8	42	223	223	11/16X16	3/8	0	3411	5210	3511
157A 44 43	44	7/8	60	223	232	13/16X16	3/8	0	5210	3311	5110

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

4-41-176

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

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COLUMN 1 FY1	COLUMN 1 FY2	COLUMN 1 CSU	COLUMN 1 CSL	COLUMN 2 TYPE	COLUMN 2 FY1	COLUMN 2 FY2	COLUMN 2 CSU	COLUMN 2 CSL	COLUMN 3 TYPE	COLUMN 3 FY1	COLUMN 3 FY2	COLUMN 3 CSU	COLUMN 3 CSL
203A 44 43	102	130	90	90	681	101	130	85	85	491	101	131	80	80	491	101
212A 44 43	102	132	75	75	491	101	132	75	75	491	101	133	75	75	491	102
221A 44 43	102	138	60	60	492	102	138	60	60	492	102	137	60	60	492	102
230A 44 43	102	136	60	60	442	102	136	60	60	442	102	136	60	60	442	102
239A 44 43	102	137	55	55	492	102	138	50	50	492	102	138	50	50	492	102
248A 44 43	102	133	60	60	491	102	132	65	65	491	101	132	65	65	491	101
257A 44 43	102	131	70	70	491	101	130	75	75	491	101	130	80	80	491	101

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	203A 44 43	44	7/8	75	232	223	13/16X16	3/8	0	3013	5210	5010
	212A 44 43	44	7/8	50	223	223	5/8 X16	5/16	0	5210	5010	5210
2	221A 44 43	44	7/8	42	223	222	1/2 X16	5/16	0	5210	7440	5210
2	230A 44 43	44	7/8	42	222	222	5/16X16	5/16	0	7220	5210	4540
2	239A 44 43	44	7/8	36	222	222	7/16X16	5/16	0	5210	7220	5210
	248A 44 43	44	7/8	45	223	223	1/2 X16	5/16	0	5210	5010	5210
	257A 44 43	44	7/8	65	223	232	11/16X16	5/16	0	5010	5210	3013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON UNIVERSITY OF TEXAS NO. [illegible]

4-41-177

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A	44	43	102	135	65	65	492	102	137	60	60	492	102	139	55	55	492	102
312A	44	43	102	147	50	50	492	102	147	50	50	492	102	147	50	50	492	102
321A	44	43	102	147	50	50	492	102	147	50	50	492	102	147	50	50	492	102
330A	44	43	102	148	50	50	492	102	148	50	50	492	102	149	50	50	492	103
339A	44	43	102	149	50	50	492	103	149	50	50	492	103	148	55	55	492	102
348A	44	43	102	147	55	55	682	102	147	55	55	682	102	147	50	50	682	102
357A	44	43	102	139	60	60	682	102	137	60	60	682	102	135	70	70	682	102

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	44	43	44	7/8	55	232	223	11/16X16	3/8	0	5110	3311	5210
312A	44	43	44	7/8	42	223	223	1/2 X16	3/8	0	3511	5210	3411
321A	44	43	44	7/8	42	223	222	7/16X16	3/8	0	5210	3411	5210
330A	44	43	44	7/8	42	222	223	7/16X16	3/8	0	3411	5210	3411
339A	44	43	44	7/8	42	223	223	5/8 X16	3/8	0	5210	3411	5210
348A	44	43	44	7/8	42	223	223	11/16X16	3/8	0	3411	5210	3511
357A	44	43	44	7/8	55	223	232	13/16X16	3/8	0	5210	3311	5110

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

4-A1-178

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403A	44	43	102	130	85	85	681	101	130	80	80	491	101	131	75	75	491	101
412A	44	43	102	132	65	65	491	101	132	65	65	491	101	133	65	65	491	102
421A	44	43	102	138	50	50	492	102	138	50	50	492	102	137	55	55	492	102
430A	44	43	102	136	60	60	442	102	136	60	60	442	102	136	60	60	442	102
439A	44	43	102	137	60	60	492	102	138	60	60	492	102	138	60	60	492	102
448A	44	43	102	133	70	70	491	102	132	70	70	491	101	132	70	70	491	101
457A	44	43	102	131	75	75	491	101	130	80	80	491	101	130	85	85	681	101

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
	403A	44	43	44	7/8	70	232	223	3/4 X16	3/8	0	3013	5210	5010
	412A	44	43	44	7/8	45	223	223	5/8 X16	5/16	0	5210	5010	5210
2	421A	44	43	44	7/8	36	222	222	1/2 X16	5/16	0	5210	(7220)	5210
2	430A	44	43	44	7/8	42	222	222	3/8 X16	5/16	0	(7230)	5210	(7230)
2	439A	44	43	44	7/8	42	222	222	1/2 X16	5/16	0	5210	(4540)	5210
	448A	44	43	44	7/8	50	223	223	9/16X16	5/16	0	5210	5010	5210
2	439A	44	43	44	7/8	42	222	222	1/2 X16	5/16	0	5210	(4540)	5210
	448A	44	43	44	7/8	50	223	223	9/16X16	5/16	0	5210	5010	5210
	457A	44	43	44	7/8	70	223	232	11/16X16	3/8	0	5010	5210	3013

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

4-A1-179

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100A 44 43	112	135	80	80	682	102	539	80	80	0	122	139	70	70	682	102
300A 44 43	112	135	75	75	682	102	539	75	75	0	122	139	65	65	682	102

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 44 43	44	7/8	55	232	232	7/8 X16	7/16	0	5410	5010	3313
300A 44 43	44	7/8	55	232	232	7/8 X16	3/8	0	5410	5010	3313

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

4-A1-180

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COLUMN 1 FY1	COLUMN 1 FY2	COLUMN 1 CSU	COLUMN 1 CSL	COLUMN 2 TYPE	COLUMN 2 FY1	COLUMN 2 FY2	COLUMN 2 CSU	COLUMN 2 CSL	COLUMN 3 TYPE	COLUMN 3 FY1	COLUMN 3 FY2	COLUMN 3 CSU	COLUMN 3 CSL
109A 45 43	202	145	50	50	492	102	146	50	50	492	102	147	50	50	492	102
118A 45 43	202	147	45	45	492	102	147	45	45	492	102	147	45	45	492	102
127A 45 43	202	147	45	45	492	102	147	45	45	492	102	147	45	45	492	102
133A 45 43	202	149	45	45	492	103	149	45	45	492	103	149	45	45	492	103
142A 45 43	202	148	50	50	492	102	147	50	50	492	102	147	50	50	492	102
151A 45 43	202	147	50	50	682	102	146	55	55	682	102	145	55	55	682	102

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	109A 45 43	45	7/8	36	223	223	9/16X16	3/8	0	5210	1411	5210
	118A 45 43	45	7/8	36	223	222	1/2 X16	3/8	0	1411	5210	1411
2	127A 45 43	45	7/8	36	222	222	3/8 X15	3/8	0	5110	7030	5210
2	133A 45 43	45	7/8	36	222	223	1/2 X16	3/8	0	5210	7030	5110
	142A 45 43	45	7/8	36	223	223	5/8 X16	3/8	0	1411	5210	1411
	151A 45 43	45	7/8	42	223	223	5/8 X16	3/8	0	5210	1411	5210

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	109A 45 43	44	7/8	36	223	223	9/16X16	3/8	0	5210	3411	5210
	118A 45 43	44	7/8	36	223	223	1/2 X16	3/8	0	3411	5210	3411
2	127A 45 43	44	7/8	36	222	222	3/8 X16	3/8	0	5110	7030	5210
2	133A 45 43	44	7/8	36	223	223	9/16X16	3/8	0	5210	7030	5110
	142A 45 43	44	7/8	42	223	223	5/8 X16	3/8	0	3411	5210	3411
	151A 45 43	44	7/8	42	223	223	11/16X16	3/8	0	5210	3411	5210

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 32160
UNIVERSITY OF THE ...

4-A1-181

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
209A	45	43	202	131	80	80	491	101	131	80	80	491	101	132	80	80	491	101
218A	45	43	202	138	65	65	492	102	138	65	65	492	102	138	65	65	492	102
227A	45	43	202	136	60	60	442	102	136	60	60	442	102	136	60	60	442	102
233A	45	43	202	136	60	60	442	102	136	60	60	442	102	136	60	60	442	102
242A	45	43	202	138	55	55	492	102	138	55	55	492	102	138	55	55	492	102
251A	45	43	202	132	70	70	491	101	131	70	70	491	101	131	70	70	491	101

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	209A	45 43	45	7/8	55	223	223	5/8 X16	5/16	0	5010	5210	1212
2	218A	45 43	45	7/8	45	223	222	9/16X16	5/16	0	(4511)	5210	7321
2	227A	45 43	45	7/8	42	222	222	3/8 X16	5/16	0	5110	(4511)	5210
	233A	45 43	45	7/8	42	222	222	3/8 X16	5/16	0	5210	7441	5110
2	242A	45 43	45	7/8	36	222	222	1/2 X16	5/16	0	7221	5210	(4511)
	251A	45 43	45	7/8	50	222	223	1/2 X16	5/16	0	1212	5210	5010

	PANEL NUMBER		FLOUR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	209A	45 43	44	7/8	55	223	223	5/8 X16	5/16	0	5010	5210	3212
2	218A	45 43	44	7/8	42	223	223	9/16X16	5/16	0	4510	5210	(7440)
2	227A	45 43	44	7/8	42	222	222	3/8 X16	5/16	0	5110	(7220)	5210
2	233A	45 43	44	7/8	42	222	222	3/8 X16	5/16	0	5210	(7450)	5110
2	242A	45 43	44	7/8	36	222	222	1/2 X16	5/16	0	(7220)	5210	4510
	251A	45 43	44	7/8	50	223	223	9/16X16	5/16	0	3212	5210	5010

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34960 UNIVERSITY OF THE STATE

4-A1-162

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
309A 45 43	202	145	50	50	492	102	146	50	50	492	102	147	50	50	492	102
318A 45 43	202	147	50	50	492	102	147	50	50	492	102	147	50	50	492	102
327A 45 43	202	147	50	50	492	102	147	50	50	492	102	147	50	50	492	102
333A 45 43	202	149	50	50	492	103	149	50	50	492	103	149	55	55	492	103
342A 45 43	202	148	55	55	492	102	147	55	55	492	102	147	55	55	492	102
351A 45 43	202	147	50	50	682	102	146	55	55	682	102	145	55	55	682	102

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A 45 43	45	7/8	36	223	223	1/2 X16	3/8	0	5210	1411	5210
318A 45 43	45	7/8	36	222	222	7/16X16	3/8	0	1411	5210	1411
327A 45 43	45	7/8	36	222	222	3/8 X15	3/8	0	5110	1411	5210
333A 45 43	45	7/8	36	222	223	1/2 X16	3/8	0	5210	1411	5110
342A 45 43	45	7/8	42	223	223	5/8 X16	3/8	0	1411	5210	1411
351A 45 43	45	7/8	36	223	223	5/8 X16	3/8	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A 45 43	44	7/8	42	223	223	1/2 X16	3/8	0	5210	3411	5210
318A 45 43	44	7/8	42	223	223	1/2 X16	3/8	0	3411	5210	3411
327A 45 43	44	7/8	42	222	222	3/8 X15	3/8	0	5110	3411	5210
333A 45 43	44	7/8	42	223	223	1/2 X16	3/8	0	5210	3411	5110
342A 45 43	44	7/8	42	223	223	5/8 X16	3/8	0	3411	5210	3411
351A 45 43	44	7/8	42	223	223	11/16X16	3/8	0	5210	3411	5210

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

4-A1-183

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
409A 45 43	202	131	75	75	491	101	131	75	75	491	101	132	75	75	491	101
418A 45 43	202	138	55	55	492	102	138	55	55	492	102	138	55	55	492	102
427A 45 43	202	136	60	60	442	102	136	60	60	442	102	136	60	60	442	102
433A 45 43	202	136	60	60	442	102	136	60	60	442	102	136	60	60	442	102
442A 45 43	202	138	60	60	492	102	138	65	65	492	102	138	65	65	492	102
451A 45 43	202	132	80	80	491	101	131	80	80	491	101	131	80	80	491	101

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A 45 43	45	7/8	50	223	223	5/8 X16	5/16	0	5010	5210	1212
418A 45 43	45	7/8	36	222	222	9/16X16	5/16	0	(4531)	5210	(7241)
427A 45 43	45	7/8	42	222	222	3/8 X16	5/16	0	5110	1111	5210
433A 45 43	45	7/8	42	222	222	3/8 X16	5/16	0	5210	1111	5110
442A 45 43	45	7/8	42	222	222	1/2 X16	5/16	0	1111	5210	1611
451A 45 43	45	7/8	55	223	223	9/16X16	5/16	0	1212	5210	5010

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
	409A 45 43	44	7/8	50	223	223	5/8 X16	5/16	0	5010	5210	3212
2	418A 45 43	44	7/8	36	223	222	9/16X16	5/16	0	4510	5210	(7220)
2	427A 45 43	44	7/8	42	222	222	3/8 X16	5/16	0	5110	(4540)	5210
2	433A 45 43	44	7/8	42	222	222	3/8 X16	5/16	0	5210	(7230)	5110
2	442A 45 43	44	7/8	42	222	223	1/2 X16	5/16	0	(7450)	5210	(4540)
	451A 45 43	44	7/8	55	223	223	9/16X16	5/16	0	3212	5210	5010

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34460 — UNIVERSITY OF THE STATE OF NEW YORK

9-11-124

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A 45 43	215	139	80	80	692	102	539	85	85	0	0	135	85	85	691	102
400A 45 43	215	139	75	75	692	102	539	80	80	0	0	135	80	80	691	102

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 45 43	45	7/8	60	232	232	15/16X16	7/16	0	1313	5010	5610
400A 45 43	45	7/8	55	232	232	15/16X16	7/16	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 45 43	44	7/8	60	232	232	1 X16	7/16	0	3313	5010	5610
400A 45 43	44	7/8	55	232	232	1 X16	7/16	0	3313	5010	5610

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

4-A1-185

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106A 46 43	305	141	55	55	492	102	143	55	55	492	102	144	50	50	492	102
115A 46 43	305	147	45	45	492	102	147	45	45	492	102	147	45	45	492	102
124A 46 43	305	147	45	45	492	102	147	45	45	492	102	147	45	45	492	102
136A 46 43	305	149	45	45	492	103	149	45	45	492	103	149	45	45	492	103
145A 46 43	305	147	50	50	492	102	147	50	50	492	102	147	50	50	492	102
154A 46 43	305	144	55	55	682	102	143	60	60	682	102	141	60	60	682	102

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A 46 43	46	7/8	42	123	123	5/8 X16	3/8	0	1311	5110	1411
115A 46 43	46	7/8	36	123	123	1/2 X16	3/8	0	5110	1411	5110
124A 46 43	46	7/8	36	123	123	3/8 X15	3/8	0	1411	5110	1411
136A 46 43	46	7/8	36	123	123	1/2 X16	3/8	0	1411	5110	1411
145A 46 43	46	7/8	36	124	124	9/16X16	3/8	0	5110	1411	5110
154A 46 43	46	7/8	42	124	124	11/16X16	3/8	0	1411	5110	1311

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	106A 46 43	45	7/8	42	223	223	5/8 X16	3/8	0	1311	5110	1411
	115A 46 43	45	7/8	36	223	223	1/2 X16	3/8	0	5110	1411	5110
2	124A 46 43	45	7/8	36	222	222	7/16X16	3/8	0	4410	5110	7030
2	136A 46 43	45	7/8	36	223	223	9/16X16	3/8	0	7030	5110	4410
	145A 46 43	45	7/8	36	223	223	5/8 X16	3/8	0	5110	1411	5110
	154A 46 43	45	7/8	42	223	223	3/4 X16	3/8	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	106A 46 43	44	7/8	42	223	223	11/16X16	3/8	0	3311	5110	3411
	115A 46 43	44	7/8	36	223	223	9/16X16	3/8	0	5110	3411	5110
2	124A 46 43	44	7/8	36	223	222	7/16X16	3/8	0	4410	5110	7030
2	136A 46 43	44	7/8	36	223	223	9/16X16	3/8	0	7030	5110	4410
	145A 46 43	44	7/8	42	223	223	11/16X16	3/8	0	5110	3411	5110
	154A 46 43	44	7/8	42	223	223	3/4 X16	3/8	0	3411	5110	3311

4-41-186

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
206A 46 43	305	131	80	80	491	101	131	80	80	491	101	131	80	80	491	101
215A 46 43	305	135	70	70	491	102	136	65	65	492	102	137	65	65	492	102
224A 46 43	305	136	65	65	492	102	136	65	65	442	102	136	65	65	442	102
236A 46 43	305	136	60	60	442	102	136	55	55	442	102	136	55	55	442	102
245A 46 43	305	137	55	55	492	102	136	55	55	492	102	135	60	60	491	102
254A 46 43	305	131	70	70	491	101	131	70	70	491	101	131	70	70	491	101

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	206A 46 43	46	7/8	55	124	124	5/8 X16	3/8	0	5110	1212	5110
	215A 46 43	46	7/8	46	123	123	1/2 X16	5/16	0	1212	5510	5110
	224A 46 43	46	7/8	42	123	123	3/8 X16	5/16	0	1111	5110	1111
2	236A 46 43	46	7/8	42	122	123	3/8 X16	5/16	0	1111	5110	(4110)
	245A 46 43	46	7/8	42	123	123	7/16X16	5/16	0	5110	5310	1212
	254A 46 43	46	7/8	46	123	123	1/2 X16	5/16	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206A 46 43	45	7/8	55	223	223	5/8 X16	5/16	0	5110	1212	5110
~~215A 46 43~~	~~45~~	~~7/8~~	~~50~~	~~223~~	~~223~~	9/16X16	5/16	0	1212	5510	5110
224A 46 43	45	7/8	45	222	222	7/16X16	5/16	0	7321	5110	7321
236A 46 43	45	7/8	42	222	222	3/8 X16	5/16	0	7441	5110	4241
245A 46 43	45	7/8	42	222	222	1/2 X16	5/16	0	5110	5310	1212
254A 46 43	45	7/8	50	223	223	9/16X16	5/16	0	5110	1212	5110

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

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	206A 46 43	44	7/8	55	223	223	11/16X16	5/16	0	5110	3212	5110
	215A 46 43	44	7/8	45	223	223	9/16X16	5/16	0	3212	5510	5110
2	224A 46 43	44	7/8	42	222	222	7/16X16	5/16	0	(7440)	5110	(4510)
2	236A 46 43	44	7/8	42	222	222	3/8 X16	5/16	0	(7450)	5110	(4140)
	245A 46 43	44	7/8	42	222	223	1/2 X16	5/16	0	5110	5310	3212
	254A 46 43	44	7/8	50	223	223	9/16X16	5/16	0	5110	3212	5110

4-A1-187

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306A 46 43	305	141	55	55	492	102	143	55	55	492	102	144	50	50	492	102
315A 46 43	305	147	50	50	492	102	147	50	50	492	102	147	50	50	492	102
324A 46 43	305	147	50	50	492	102	147	50	50	492	102	147	50	50	492	102
336A 46 43	305	149	55	55	492	103	149	55	55	492	103	149	55	55	492	103
345A 46 43	305	147	55	55	492	102	147	55	55	492	102	147	55	55	682	102
354A 46 43	305	144	55	55	682	102	143	55	55	682	102	141	60	60	682	102

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 46 43	46	7/8	36	123	123	9/16X16	3/8	0	1311	5110	1411
315A 46 43	46	7/8	36	123	123	7/16X16	3/8	0	5110	1411	5110
324A 46 43	46	7/8	36	123	123	3/8 X14	3/8	0	1411	5110	1411
336A 46 43	46	7/8	36	123	123	1/2 X16	3/8	0	1411	5110	1411
345A 46 43	46	7/8	36	124	124	5/8 X16	3/8	0	5110	1411	5110
354A 46 43	46	7/8	42	124	124	11/16X16	3/8	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 46 43	45	7/8	42	223	223	5/8 X16	3/8	0	1311	5110	1411
~~315A 46 43~~	~~45~~	~~7/8~~	~~36~~	~~223~~	~~222~~	1/2 X16	3/8	0	5110	1411	5110
324A 46 43	45	7/8	36	222	222	3/8 X15	3/8	0	1411	5110	1411
336A 46 43	45	7/8	36	223	223	9/16X16	3/8	0	1411	5110	1411
345A 46 43	45	7/8	36	223	223	5/8 X16	3/8	0	5110	1411	5110
354A 46 43	45	7/8	42	223	223	3/4 X16	3/8	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 46 43	44	7/8	36	223	223	5/8 X16	3/8	0	3311	5110	3411
315A 46 43	44	7/8	42	223	223	1/2 X16	3/8	0	5110	3411	5110
324A 46 43	44	7/8	42	222	222	3/8 X16	3/8	0	3411	5110	3411
336A 46 43	44	7/8	42	223	223	9/16X16	3/8	0	3411	5110	3411
345A 46 43	44	7/8	42	223	223	11/16X16	3/8	0	5110	3411	5110
354A 46 43	44	7/8	42	223	223	3/4 X16	3/8	0	3411	5110	3311

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

4-A1-188

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
406A	46	43	305	131	75	75	491	101	131	75	75	491	101	131	75	75	491	101
415A	46	43	305	135	60	60	491	102	136	60	60	492	102	137	55	55	492	102
424A	46	43	305	136	55	55	492	102	136	55	55	442	102	136	60	60	442	102
436A	46	43	305	136	60	60	442	102	136	65	65	442	102	136	65	65	492	102
445A	46	43	305	137	60	60	492	102	136	65	65	492	102	135	70	70	491	102
454A	46	43	305	131	80	80	491	101	131	80	80	491	101	131	80	80	491	101

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	406A	46	43	46	7/8	50	124	124	5/8 X16	3/8	0	5110	1212	5110
	415A	46	43	46	7/8	42	123	123	1/2 X16	5/16	0	1212	5510	5110
2	424A	46	43	46	7/8	42	123	123	3/8 X16	5/16	0	(4110)	5110	1111
	436A	46	43	46	7/8	42	123	123	3/8 X16	5/16	0	1111	5110	1111
	445A	46	43	46	7/8	45	123	123	1/2 X16	5/16	0	5110	5310	1212
	454A	46	43	46	7/8	50	123	123	9/16X16	5/16	0	5110	1212	5110

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	406A	46	43	45	7/8	50	223	223	5/8 X16	5/16	0	5110	1212	5110
	415A	46	43	45	7/8	42	223	222	9/16X16	5/16	0	1212	5510	5110
2	424A	46	43	45	7/8	42	222	222	7/16X16	5/16	0	(4141)	5110	1111
	436A	46	43	45	7/8	42	222	222	7/16X16	5/16	0	1111	5110	1111
	445A	46	43	45	7/8	46	222	222	1/2 X16	5/16	0	5110	5310	1212
	454A	46	43	45	7/8	55	223	223	9/16X16	5/16	0	5110	1212	5110

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	406A	46	43	44	7/8	50	223	223	11/16X16	5/16	0	5110	3212	5110
	415A	46	43	44	7/8	42	223	223	9/16X16	5/16	0	3212	5510	5110
2	424A	46	43	44	7/8	42	222	222	7/16X16	5/16	0	(4140)	5110	(7450)
2	436A	46	43	44	7/8	42	222	222	7/16X16	5/16	0	(7230)	5110	(7230)
	445A	46	43	44	7/8	45	223	223	9/16X16	5/16	0	5110	5310	3212
	454A	46	43	44	7/8	55	223	223	5/8 X16	5/16	0	5110	3212	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON

4-A1-189

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100A 46 44	212	133	85	85	681	682	536	85	85	0	0	136	75	75	682	682
300A 46 44	212	133	75	75	681	682	536	75	75	0	0	136	70	70	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 46 44	46	7/8	60	132	132	13/16X16	7/16	0	5410	5010	1313
300A 46 44	46	7/8	55	132	132	3/4 X16	7/16	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 46 44	45	7/8	60	232	232	7/8 X16	3/8	0	5410	5010	1313
300A 46 44	45	7/8	55	232	232	13/16X16	3/8	0	5410	5010	1313

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

4-A1-190

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A	47	44	302	133	70	70	681	682	135	60	60	492	492	137	60	60	492	492
112A	47	44	302	144	46	46	492	492	144	46	46	492	492	144	46	46	492	492
121A	47	44	302	144	45	45	492	492	144	45	45	492	492	144	45	45	492	492
130A	47	44	302	144	45	45	492	492	145	45	45	492	492	145	45	45	492	492
139A	47	44	302	145	45	45	492	492	145	45	45	492	492	145	46	46	492	492
148A	47	44	302	144	50	50	492	682	144	50	50	492	682	144	50	50	682	682
157A	47	44	302	137	60	60	492	682	135	65	65	492	682	133	75	75	681	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A	47	44	47	7/8	55	132	123	5/8 X16	3/8	0	5110	1311	5210
112A	47	44	47	7/8	36	123	123	9/16X16	3/8	0	1511	5210	1411
121A	47	44	47	7/8	36	123	123	1/2 X16	3/8	0	5210	1411	5210
130A	47	44	47	7/8	36	123	123	1/2 X16	3/8	0	1411	5210	1411
139A	47	44	47	7/8	36	123	124	1/2 X16	3/8	0	5210	1411	5210
148A	47	44	47	7/8	36	124	124	11/16X16	3/8	0	1411	5210	1511
157A	47	44	47	7/8	60	124	132	3/4 X16	3/8	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A	47	44	46	7/8	55	132	123	11/16X16	3/8	0	5110	1311	5210
112A	47	44	46	7/8	36	123	123	5/8 X16	3/8	0	1511	5210	1411
121A	47	44	46	7/8	36	123	123	1/2 X16	3/8	0	5210	1411	5210
130A	47	44	46	7/8	36	123	123	1/2 X16	3/8	0	1411	5210	1411
139A	47	44	46	7/8	36	123	124	9/16X16	3/8	0	5210	1411	5210
148A	47	44	46	7/8	36	124	124	11/16X16	3/8	0	1411	5210	1511
157A	47	44	46	7/8	60	124	132	3/4 X16	7/16	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A	47	44	45	7/8	55	232	223	11/16X16	5/16	0	5110	1311	5210
112A	47	44	45	7/8	36	223	223	5/8 X16	3/8	0	1511	5210	1411
121A	47	44	45	7/8	36	222	222	9/16X16	3/8	0	5210	1411	5210
130A	47	44	45	7/8	36	222	222	9/16X16	3/8	0	4410	5210	4410
139A	47	44	45	7/8	36	223	223	9/16X16	3/8	0	5210	1411	5210
148A	47	44	45	7/8	36	223	223	3/4 X16	3/8	0	1411	5210	1511
157A	47	44	45	7/8	60	223	232	13/16X16	3/8	0	5210	1311	5110

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

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A 47 44	302	129	100	100	681	681	129	80	80	491	491	129	80	80	491	491
212A 47 44	302	129	80	80	491	491	130	80	80	491	491	132	75	75	491	491
221A 47 44	302	135	65	65	492	492	135	60	60	492	492	135	60	60	492	492
230A 47 44	302	134	60	60	442	442	134	60	60	442	442	134	60	60	442	442
239A 47 44	302	135	55	55	442	492	135	55	55	442	492	135	55	55	492	492
248A 47 44	302	132	60	60	491	491	130	65	65	491	491	129	70	70	491	491
257A 47 44	302	129	70	70	491	491	129	70	70	491	491	129	85	85	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 47 44	47	7/8	75	132	124	11/16X16	3/8	0	1013	5210	5010
212A 47 44	47	7/8	55	123	123	1/2 X16	5/16	0	5210	5010	5210
221A 47 44	47	7/8	42	123	123	7/16X16	5/16	0	5210	1111	5210
230A 47 44	47	7/8	42	122	122	5/16X14	5/16	0	1111	5210	1111
2 239A 47 44	47	7/8	36	123	123	3/8 X16	5/16	0	5210	7240	5210
248A 47 44	47	7/8	45	123	123	7/16X16	5/16	0	5210	5010	5210
257A 47 44	47	7/8	65	123	132	9/16X16	3/8	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 47 44	46	7/8	65	132	124	11/16X16	3/8	0	1013	5210	5010
212A 47 44	46	7/8	55	123	123	1/2 X16	5/16	0	5210	5010	5210
221A 47 44	46	7/8	42	123	123	7/16X16	5/16	0	5210	1111	5210
230A 47 44	46	7/8	42	122	122	5/16X14	5/16	0	1111	5210	1111
2 239A 47 44	46	7/8	36	123	123	3/8 X16	5/16	0	5210	7240	5210
248A 47 44	46	7/8	45	123	123	7/16X16	5/16	0	5210	5010	5210
257A 47 44	46	7/8	60	123	132	9/16X16	3/8	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34480 STATE OF NEW YORK UNIVERSITY OF THE STATE

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 47 44	45	7/8	70	232	223	3/4 X16	3/8	0	1013	5210	5010
212A 47 44	45	7/8	55	223	223	9/16X16	5/16	0	5210	5010	5210
221A 47 44	45	7/8	42	222	222	1/2 X16	5/16	0	5210	7321	5210
230A 47 44	45	7/8	42	222	222	5/16X15	5/16	0	7441	5210	7441
239A 47 44	45	7/8	36	222	222	7/16X16	5/16	0	5210	7221	5210
248A 47 44	45	7/8	50	222	222	1/2 X16	5/16	0	5210	5010	5210
257A 47 44	45	7/8	60	223	232	5/8 X16	5/16	0	5010	5210	1013

4-A1-192

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

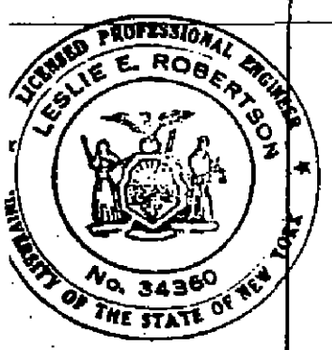
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A 47 44	302	133	70	70	491	492	135	60	60	492	492	137	55	55	492	492
312A 47 44	302	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
321A 47 44	302	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
330A 47 44	302	144	50	50	492	492	145	50	50	492	492	145	50	50	492	492
339A 47 44	302	145	55	55	492	492	145	55	55	492	492	145	55	55	492	492
348A 47 44	302	144	55	55	492	682	144	55	55	492	682	144	55	55	492	682
357A 47 44	302	137	60	60	492	682	135	60	60	492	682	133	70	70	681	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 47 44	47	7/8	55	132	123	5/8 X16	3/8	0	5110	1311	5210
312A 47 44	47	7/8	36	123	123	9/16X16	3/8	0	1511	5210	1411
321A 47 44	47	7/8	36	123	123	7/16X16	3/8	0	5210	1411	5210
330A 47 44	47	7/8	36	123	123	1/2 X16	3/8	0	1411	5210	1411
339A 47 44	47	7/8	36	123	124	1/2 X16	3/8	0	5210	1411	5210
348A 47 44	47	7/8	36	124	124	11/16X16	3/8	0	1411	5210	1511
357A 47 44	47	7/8	55	124	132	11/16X16	3/8	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 47 44	46	7/8	55	132	123	5/8 X16	3/8	0	5110	1311	5210
312A 47 44	46	7/8	36	123	123	9/16X16	3/8	0	1511	5210	1411
321A 47 44	46	7/8	36	123	123	1/2 X16	3/8	0	5210	1411	5210
330A 47 44	46	7/8	36	123	123	1/2 X16	3/8	0	1411	5210	1411
339A 47 44	46	7/8	36	123	124	9/16X16	3/8	0	5210	1411	5210
348A 47 44	46	7/8	36	124	124	11/16X16	3/8	0	1411	5210	1511
357A 47 44	46	7/8	55	124	132	3/4 X16	7/16	0	5210	1311	5110



PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A 47 44	45	7/8	55	232	223	11/16X16	5/16	0	5110	1311	5210
312A 47 44	45	7/8	36	223	223	5/8 X16	3/8	0	1511	5210	1411
321A 47 44	45	7/8	36	222	222	1/2 X16	3/8	0	5210	1411	5210
330A 47 44	45	7/8	36	222	222	9/16X16	3/8	0	1411	5210	1411
339A 47 44	45	7/8	36	223	223	9/16X16	3/8	0	5210	1411	5210
348A 47 44	45	7/8	36	223	223	3/4 X16	3/8	0	1411	5210	1511
357A 47 44	45	7/8	55	223	232	13/16X16	3/8	0	5210	1311	5110

4-A1-193

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403A 47 44	302	129	85	85	681	681	129	75	75	491	491	129	75	75	491	491
412A 47 44	302	129	75	75	491	491	130	70	70	491	491	132	65	65	491	491
421A 47 44	302	135	55	55	492	492	135	55	55	492	492	135	55	55	492	492
430A 47 44	302	134	60	60	442	442	134	60	60	442	442	134	60	60	442	442
439A 47 44	302	135	60	60	492	492	135	60	60	492	492	135	60	60	492	492
448A 47 44	302	132	70	70	491	491	130	75	75	491	491	129	80	80	491	491
457A 47 44	302	129	80	80	491	491	129	80	80	491	491	129	90	90	491	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403A 47 44	47	7/8	70	132	124	11/16X16	3/8	0	1013	5210	5010
412A 47 44	47	7/8	50	123	123	1/2 X16	5/16	0	5210	5010	5210
2 421A 47 44	47	7/8	36	123	123	7/16X16	5/16	0	5210	7240	5210
430A 47 44	47	7/8	42	122	122	5/16X14	5/16	0	1111	5210	1111
439A 47 44	47	7/8	42	123	123	3/8 X16	5/16	0	5210	1111	5210
448A 47 44	47	7/8	50	123	123	7/16X16	5/16	0	5210	5010	5210
457A 47 44	47	7/8	70	123	132	5/8 X16	3/8	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403A 47 44	46	7/8	65	132	124	11/16X16	3/8	0	1013	5210	5010
412A 47 44	46	7/8	50	123	123	1/2 X16	5/16	0	5210	5010	5210
2 421A 47 44	46	7/8	36	123	123	7/16X16	5/16	0	5210	7240	5210
430A 47 44	46	7/8	42	122	122	5/16X15	5/16	0	1111	5210	1111
439A 47 44	46	7/8	42	123	123	7/16X16	5/16	0	5210	1111	5210
448A 47 44	46	7/8	50	123	123	1/2 X16	5/16	0	5210	5010	5210
457A 47 44	46	7/8	65	123	132	5/8 X16	3/8	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403A 47 44	45	7/8	65	232	223	3/4 X16	3/8	0	1013	5210	5010
412A 47 44	45	7/8	50	223	223	9/16X16	5/16	0	5210	5010	5210
2 421A 47 44	45	7/8	36	222	222	1/2 X16	5/16	0	5210	7241	5210
430A 47 44	45	7/8	42	222	222	5/16X16	5/16	0	1111	5210	1111
439A 47 44	45	7/8	42	222	222	7/16X16	5/16	0	5210	1111	5210
448A 47 44	45	7/8	55	222	223	1/2 X16	5/16	0	5210	5010	5210
457A 47 44	45	7/8	65	223	232	11/16X16	5/16	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A 47 45	210	136	75	75	692	692	536	85	85	0	0	132	85	85	691	691
400A 47 45	210	136	70	70	692	692	536	80	80	0	0	132	80	80	691	691

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 47 45	47	7/8	60	132	132	7/8 X16	7/16	0	1313	5010	5610
400A 47 45	47	7/8	55	132	132	7/8 X16	7/16	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 47 45	46	7/8	60	132	132	7/8 X16	7/16	0	1313	5010	5610
400A 47 45	46	7/8	55	132	132	7/8 X16	7/16	0	1313	5010	5610

REGISTERED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
CITY OF THE STATE OF NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
109A	48	45	300	141	50	50	492	492	142	50	50	492	492	144	50	50	492	492
118A	48	45	300	144	45	45	492	492	144	45	45	492	492	144	45	45	492	492
127A	48	45	300	144	45	45	492	492	144	45	45	492	492	144	45	45	492	492
133A	48	45	300	144	45	45	492	492	144	45	45	492	492	144	45	45	492	492
142A	48	45	300	144	45	45	492	492	144	50	50	492	492	144	50	50	492	492
151A	48	45	300	144	55	55	492	682	142	55	55	492	682	141	55	55	492	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	48	45	48	7/8	36	123	123	9/16X16	3/8	0	5210	1411	5210
118A	48	45	48	7/8	36	123	123	1/2 X16	3/8	0	1411	5210	1411
127A	48	45	48	7/8	36	123	123	7/16X16	3/8	0	5110	1411	5210
133A	48	45	48	7/8	36	123	123	9/16X16	3/8	0	5210	1411	5110
142A	48	45	48	7/8	36	124	124	5/8 X16	3/8	0	1411	5210	1411
151A	48	45	48	7/8	36	124	124	11/16X16	3/8	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	48	45	47	7/8	36	123	123	9/16X16	3/8	0	5210	1411	5210
118A	48	45	47	7/8	36	123	123	9/16X16	3/8	0	1411	5210	1411
127A	48	45	47	7/8	36	123	123	7/16X16	3/8	0	5110	1411	5210
133A	48	45	47	7/8	36	123	123	9/16X16	3/8	0	5210	1411	5110
142A	48	45	47	7/8	36	124	124	11/16X16	3/8	0	1411	5210	1411
151A	48	45	47	7/8	36	124	124	11/16X16	3/8	0	5210	1411	5210

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	48	45	46	7/8	36	123	123	5/8 X16	3/8	0	5210	1411	5210
118A	48	45	46	7/8	36	123	123	9/16X16	3/8	0	1411	5210	1411
127A	48	45	46	7/8	36	123	123	7/16X16	3/8	0	5110	1411	5210
133A	48	45	46	7/8	36	123	123	9/16X16	3/8	0	5210	1411	5110
142A	48	45	46	7/8	36	124	124	11/16X16	3/8	0	1411	5210	1411
151A	48	45	46	7/8	36	124	124	11/16X16	3/8	0	5210	1411	5210

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

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
209A 48 45	300	129	80	80	491	491	129	80	80	491	491	129	80	80	491	491
218A 48 45	300	135	60	60	492	492	135	60	60	492	492	135	60	60	492	492
227A 48 45	300	134	60	60	442	442	134	60	60	442	442	134	60	60	442	442
233A 48 45	300	134	60	60	442	442	134	55	55	442	442	134	55	55	442	442
242A 48 45	300	135	50	50	492	492	135	50	50	492	492	135	50	50	492	492
251A 48 45	300	129	70	70	491	491	129	70	70	491	491	129	70	70	491	491

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	209A 48 45	48	7/8	55	123	123	1/2 X16	5/16	0	5010	5210	1212
	216A 48 45	48	7/8	42	123	123	7/16X16	5/16	0	1611	5210	1111
	227A 48 45	48	7/8	42	122	122	5/16X15	5/16	0	5110	1111	5210
	233A 48 45	48	7/8	42	122	122	5/16X14	5/16	0	5210	1111	5110
2	242A 48 45	48	7/8	36	123	123	3/8 X16	5/16	0	(7240)	5210	(4530)
	251A 48 45	48	7/8	45	123	123	7/16X16	5/16	0	1212	5210	5010

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	209A 48 45	47	7/8	55	123	123	9/16X16	5/16	0	5010	5210	1212
	218A 48 45	47	7/8	42	123	123	1/2 X16	5/16	0	1611	5210	1111
	227A 48 45	47	7/8	42	123	122	5/16X15	5/16	0	5110	1111	5210
	233A 48 45	47	7/8	42	122	122	5/16X15	5/16	0	5210	1111	5110
2	242A 48 45	47	7/8	36	123	123	7/16X16	5/16	0	(7240)	5210	(4530)
	251A 48 45	47	7/8	46	123	123	7/16X16	5/16	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTS — NO. 54020 — UNIVERSITY OF ILLINOIS

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	209A 48 45	46	7/8	55	124	123	9/16X16	5/16	0	5010	5210	1212
	218A 48 45	46	7/8	42	123	123	1/2 X16	5/16	0	1611	5210	1111
	227A 48 45	46	7/8	42	123	122	5/16X16	5/16	0	5110	1111	5210
	233A 48 45	46	7/8	42	122	122	5/16X15	5/16	0	5210	1111	5110
2	242A 48 45	46	7/8	36	123	123	7/16X16	5/16	0	(7240)	5210	(4530)
	251A 48 45	46	7/8	46	123	123	7/16X16	5/16	0	1212	5210	5010

4-A1-197

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309A 48 45	300	141	50	50	492	492	142	50	50	492	492	144	50	50	492	492
318A 48 45	300	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
327A 48 45	300	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
333A 48 45	300	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
342A 48 45	300	144	50	50	492	492	144	55	55	492	492	144	55	55	492	492
351A 48 45	300	144	55	55	492	682	142	55	55	492	682	141	55	55	492	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A 48 45	48	7/8	36	123	123	9/16X16	3/8	0	5210	1411	5210
318A 48 45	48	7/8	36	123	123	1/2 X16	3/8	0	1411	5210	1411
327A 48 45	48	7/8	36	123	123	3/8 X16	3/8	0	5110	1411	5210
333A 48 45	48	7/8	36	123	123	1/2 X16	3/8	0	5210	1411	5110
342A 48 45	48	7/8	36	123	124	5/8 X16	3/8	0	1411	5210	1411
351A 48 45	48	7/8	36	124	124	5/8 X16	3/8	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A 48 45	47	7/8	36	123	123	9/16X16	3/8	0	5210	1411	5210
318A 48 45	47	7/8	36	123	123	1/2 X16	3/8	0	1411	5210	1411
327A 48 45	47	7/8	36	123	123	7/16X16	3/8	0	5110	1411	5210
333A 48 45	47	7/8	36	123	123	1/2 X16	3/8	0	5210	1411	5110
342A 48 45	47	7/8	36	124	124	5/8 X16	3/8	0	1411	5210	1411
351A 48 45	47	7/8	36	124	124	11/16X16	3/8	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A 48 45	46	7/8	36	123	123	9/16X16	3/8	0	5210	1411	5210
318A 48 45	46	7/8	36	123	123	1/2 X16	3/8	0	1411	5210	1411
327A 48 45	46	7/8	36	123	123	7/16X16	3/8	0	5110	1411	5210
333A 48 45	46	7/8	36	123	123	9/16X16	3/8	0	5210	1411	5110
342A 48 45	46	7/8	36	124	124	11/16X16	3/8	0	1411	5210	1411
351A 48 45	46	7/8	36	124	124	11/16X16	3/8	0	5210	1411	5210

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
409A 48 45	300	129	70	70	491	491	129	70	70	491	491	129	70	70	491	491
418A 48 45	300	135	50	50	492	492	135	50	50	492	492	135	50	50	492	492
427A 48 45	300	134	55	55	442	442	134	55	55	442	442	134	60	60	442	442
433A 48 45	300	134	60	60	442	442	134	60	60	442	442	134	60	60	442	442
442A 48 45	300	135	60	60	492	492	135	60	60	492	492	135	60	60	492	492
451A 48 45	300	129	75	75	491	491	129	75	75	491	491	129	75	75	491	491

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	409A 48 45	48	7/8	50	123	123	1/2 X16	5/16	0	5010	5210	1212
2	418A 48 45	48	7/8	36	123	123	7/16X16	5/16	0	4530	5210	7240
	427A 48 45	48	7/8	42	122	122	5/16X15	5/16	0	5110	1111	5210
	433A 48 45	48	7/8	42	122	122	5/16X15	5/16	0	5210	1111	5110
	442A 48 45	48	7/8	42	123	123	7/16X16	5/16	0	1111	5210	1611
	451A 48 45	48	7/8	50	123	123	7/16X16	5/16	0	1212	5210	5010

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	409A 48 45	47	7/8	50	123	123	1/2 X16	5/16	0	5010	5210	1212
2	418A 48 45	47	7/8	36	123	123	7/16X16	5/16	0	4530	5210	7240
	427A 48 45	47	7/8	42	122	122	5/16X15	5/16	0	5110	1111	5210
	433A 48 45	47	7/8	42	122	122	5/16X15	5/16	0	5210	1111	5110
	442A 48 45	47	7/8	42	123	123	7/16X16	5/16	0	1111	5210	1611
	451A 48 45	47	7/8	50	123	123	1/2 X16	5/16	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	409A 48 45	46	7/8	50	124	123	9/16X16	5/16	0	5010	5210	1212
2	418A 48 45	46	7/8	36	123	123	1/2 X16	5/16	0	4530	5210	7240
	427A 48 45	46	7/8	42	123	122	5/16X16	5/16	0	5110	1111	5210
	433A 48 45	46	7/8	42	122	123	5/16X16	5/16	0	5210	1111	5110
	442A 48 45	46	7/8	42	123	123	7/16X16	5/16	0	1111	5210	1611
	451A 48 45	46	7/8	50	123	123	1/2 X16	5/16	0	1212	5210	5010

4-A1-199

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A 48 46	210	132	80	80	681	681	535	80	80	0	0	135	75	75	682	682
300A 48 46	210	132	75	75	681	681	535	75	75	0	0	135	70	70	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 48 46	48	7/8	55	132	132	3/4 X16	7/16	0	5410	5010	1313
300A 48 46	48	7/8	55	132	132	3/4 X16	3/8	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 48 46	47	7/8	55	132	132	3/4 X16	7/16	0	5410	5010	1313
300A 48 46	47	7/8	55	132	132	3/4 X16	7/16	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NE. U.S.A.

4-A1-200

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106A 49 46	300	138	55	55	492	492	139	55	55	492	492	140	55	55	492	492
115A 49 46	300	143	45	45	492	492	143	45	45	492	492	143	45	45	492	492
124A 49 46	300	143	45	45	492	492	143	45	45	492	492	143	45	45	492	492
136A 49 46	300	144	45	45	492	492	144	45	45	492	492	144	45	45	492	492
145A 49 46	300	143	50	50	492	492	143	50	50	492	492	143	50	50	492	492
154A 49 46	300	140	55	55	492	682	139	60	60	492	682	138	60	60	492	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A 49 46	49	13/16	36	123	123	9/16X16	5/16	0	1311	5110	1411
115A 49 46	49	13/16	36	123	123	9/16X16	3/8	0	5110	1411	5110
124A 49 46	49	13/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
136A 49 46	49	13/16	36	123	123	9/16X16	3/8	0	1411	5110	1411
145A 49 46	49	13/16	36	124	124	11/16X16	3/8	0	5110	1411	5110
154A 49 46	49	13/16	42	124	124	5/8 X16	3/8	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A 49 46	48	7/8	36	123	123	9/16X16	5/16	0	1311	5110	1411
115A 49 46	48	7/8	36	123	123	9/16X16	3/8	0	5110	1411	5110
124A 49 46	48	7/8	36	123	123	7/16X16	3/8	0	1411	5110	1411
136A 49 46	48	7/8	36	123	123	9/16X16	3/8	0	1411	5110	1411
145A 49 46	48	7/8	36	124	124	11/16X16	3/8	0	5110	1411	5110
154A 49 46	48	7/8	42	124	124	5/8 X16	3/8	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A 49 46	47	7/8	36	123	123	9/16X16	3/8	0	1311	5110	1411
115A 49 46	47	7/8	36	123	123	9/16X16	3/8	0	5110	1411	5110
124A 49 46	47	7/8	36	123	123	7/16X16	3/8	0	1411	5110	1411
136A 49 46	47	7/8	36	123	123	9/16X16	3/8	0	1411	5110	1411
145A 49 46	47	7/8	36	124	124	11/16X16	3/8	0	5110	1411	5110
154A 49 46	47	7/8	42	124	124	5/8 X16	3/8	0	1411	5110	1311

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206A	49	46	300	129	85	85	491	491	129	80	80	491	491	129	80	80	491	491
215A	49	46	300	132	70	70	491	491	133	65	65	491	492	135	65	65	492	492
224A	49	46	300	134	65	65	491	492	134	60	60	441	442	134	60	60	441	442
236A	49	46	300	134	55	55	441	442	134	55	55	441	442	134	55	55	441	442
245A	49	46	300	135	55	55	492	492	133	55	55	491	492	132	60	60	491	491
254A	49	46	300	129	70	70	491	491	129	70	70	491	491	129	75	75	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	49	46	49	13/16	60	124	123	9/16X16	5/16	0	5110	1212	5110
215A	49	46	49	13/16	45	123	123	1/2 X16	5/16	0	1212	5510	5110
224A	49	46	49	13/16	42	123	122	3/8 X16	5/16	0	1111	5110	1111
2 236A	49	46	49	13/16	42	122	122	5/16X15	5/16	0	1111	5110	4120
245A	49	46	49	13/16	42	123	123	7/16X16	5/16	0	5110	5310	1212
254A	49	46	49	13/16	50	123	123	7/16X16	5/16	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	49	46	48	7/8	55	124	123	9/16X16	5/16	0	5110	1212	5110
215A	49	46	48	7/8	45	123	123	1/2 X16	5/16	0	1212	5510	5110
224A	49	46	48	7/8	42	123	122	3/8 X16	5/16	0	1111	5110	1111
2 236A	49	46	48	7/8	42	122	122	5/16X15	5/16	0	1111	5110	4110
245A	49	46	48	7/8	42	123	123	7/16X16	5/16	0	5110	5310	1212
254A	49	46	48	7/8	46	123	123	7/16X16	5/16	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTS — No. [illegible] — UNIVERSITY OF [illegible]

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	49	46	47	7/8	55	124	123	9/16X16	3/8	0	5110	1212	5110
215A	49	46	47	7/8	46	123	123	1/2 X16	5/16	0	1212	5510	5110
224A	49	46	47	7/8	42	123	123	3/8 X16	5/16	0	1111	5110	1111
2 236A	49	46	47	7/8	42	122	123	5/16X16	5/16	0	1111	5110	4110
245A	49	46	47	7/8	42	123	123	7/16X16	5/16	0	5110	5310	1212
254A	49	46	47	7/8	46	123	123	7/16X16	5/16	0	5110	1212	5110

4-A1-202

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306A	49	46	300	138	55	55	492	492	139	55	55	492	492	140	50	50	492	492
315A	49	46	300	143	50	50	492	492	143	50	50	492	492	143	50	50	492	492
324A	49	46	300	143	50	50	492	492	143	50	50	492	492	143	50	50	492	492
336A	49	46	300	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
345A	49	46	300	143	55	55	492	492	143	55	55	492	492	143	55	55	492	682
354A	49	46	300	140	55	55	492	682	139	55	55	492	682	138	55	55	492	682

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A	49	46	49	13/16	36	123	123	1/2 X16	5/16	0	1311	5110	1411
315A	49	46	49	13/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
324A	49	46	49	13/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
336A	49	46	49	13/16	42	123	123	9/16X16	3/8	0	1411	5110	1411
345A	49	46	49	13/16	36	124	124	5/8 X16	3/8	0	5110	1411	5110
354A	49	46	49	13/16	42	124	124	5/8 X16	3/8	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A	49	46	48	7/8	36	123	123	1/2 X16	5/16	0	1311	5110	1411
315A	49	46	48	7/8	36	123	123	1/2 X16	3/8	0	5110	1411	5110
324A	49	46	48	7/8	36	123	123	7/16X16	3/8	0	1411	5110	1411
336A	49	46	48	7/8	36	123	123	9/16X16	3/8	0	1411	5110	1411
345A	49	46	48	7/8	36	124	124	11/16X16	3/8	0	5110	1411	5110
354A	49	46	48	7/8	42	124	124	5/8 X16	3/8	0	1411	5110	1311

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A	49	46	47	7/8	36	123	123	1/2 X16	5/16	0	1311	5110	1411
315A	49	46	47	7/8	36	123	123	1/2 X16	3/8	0	5110	1411	5110
324A	49	46	47	7/8	36	123	123	7/16X16	3/8	0	1411	5110	1411
336A	49	46	47	7/8	36	123	123	9/16X16	3/8	0	1411	5110	1411
345A	49	46	47	7/8	36	124	124	11/16X16	3/8	0	5110	1411	5110
354A	49	46	47	7/8	42	124	124	5/8 X16	3/8	0	1411	5110	1311

4-A1-203

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406A 49 46	300	129	80	80	491	491	129	70	70	491	491	129	70	70	491	491
415A 49 46	300	132	60	60	491	491	133	55	55	491	492	132	55	55	492	492
424A 49 46	300	134	55	55	441	492	134	55	55	441	442	134	55	55	441	442
436A 49 46	300	134	60	60	441	442	134	60	60	441	442	134	60	60	441	442
445A 49 46	300	135	65	65	492	492	133	65	65	491	492	132	65	65	491	491
454A 49 46	300	129	75	75	491	491	129	75	75	491	491	129	80	80	491	491

X

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	406A 49 46	49	13/16	55	123	123	1/2 X16	5/16	0	5110	1212	5110
	415A 49 46	49	13/16	42	123	123	7/16X16	5/16	0	1212	5510	5110
2	424A 49 46	49	13/16	42	123	122	3/8 X16	5/16	0	4120	5110	1111
	436A 49 46	49	13/16	42	122	123	3/8 X16	5/16	0	1111	5110	1111
	445A 49 46	49	13/16	45	123	123	7/16X16	5/16	0	5110	5310	1212
	454A 49 46	49	13/16	55	123	123	1/2 X16	5/16	0	5110	1212	5110

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	406A 49 46	48	7/8	50	123	123	9/16X16	5/16	0	5110	1212	5110
	~~415A 49 46~~	~~48~~	~~7/8~~	~~42~~	~~123~~	~~123~~	~~1/2 X16~~	~~5/16~~	~~0~~	~~1212~~	~~5510~~	~~5110~~
2	424A 49 46	48	7/8	42	123	122	3/8 X16	5/16	0	4110	5110	1111
	436A 49 46	48	7/8	42	122	123	3/8 X16	5/16	0	1111	5110	1111
	445A 49 46	48	7/8	45	123	123	7/16X16	5/16	0	5110	5310	1212
	454A 49 46	48	7/8	50	123	123	1/2 X16	5/16	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — STATE OF NEW YORK

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	406A 49 46	47	7/8	50	124	123	9/16X16	5/16	0	5110	1212	5110
	415A 49 46	47	7/8	42	123	123	1/2 X16	5/16	0	1212	5510	5110
2	424A 49 46	47	7/8	42	123	122	3/8 X16	5/16	0	4110	5110	1111
	436A 49 46	47	7/8	42	122	123	3/8 X16	5/16	0	1111	5110	1111
	445A 49 46	47	7/8	45	123	123	7/16X16	5/16	0	5110	5310	1212
	454A 49 46	47	7/8	50	123	123	1/2 X16	5/16	0	5110	1212	5110

4-A1-204

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER

TITLE: EXTERIOR WALL PANEL SCHEDULE

DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A	49	47	210	135	75	75	692	692	535	85	85	0	0	132	85	85	691	691
400A	49	47	210	135	70	70	692	692	535	80	80	0	0	132	80	80	691	691

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A	49	47	49	13/16	60	132	132	7/8 X16	7/16	0	1313	5010	5610
400A	49	47	49	13/16	55	132	132	13/16X16	7/16	0	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A	49	47	48	7/8	60	132	132	7/8 X16	7/16	0	1313	5010	5610
400A	49	47	48	7/8	55	132	132	13/16X16	7/16	0	1313	5010	5610

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

4-A1-205

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A 50 47	300	132	70	70	491	681	134	60	60	492	492	136	60	60	492	492
112A 50 47	300	143	50	50	492	492	143	50	50	492	492	143	46	46	492	492
121A 50 47	300	143	45	45	492	492	143	45	45	492	492	143	45	45	492	492
130A 50 47	300	144	45	45	492	492	144	45	45	492	492	144	45	45	492	492
139A 50 47	300	144	45	45	492	492	144	45	45	492	492	144	46	46	492	492
148A 50 47	300	143	50	50	492	492	143	50	50	492	492	143	55	55	492	682
157A 50 47	300	136	60	60	492	492	134	65	65	492	492	132	75	75	681	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 50 47	50	13/16	55	132	123	5/8 X16	3/8	0	5110	1311	5210
112A 50 47	50	13/16	36	123	123	9/16X16	3/8	0	1511	5210	1411
121A 50 47	50	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5210
130A 50 47	50	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
139A 50 47	50	13/16	36	123	123	5/8 X16	3/8	0	5210	1411	5210
148A 50 47	50	13/16	36	124	124	11/16X16	3/8	0	1411	5210	1511
157A 50 47	50	13/16	60	124	132	11/16X16	3/8	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 50 47	49	13/16	55	132	123	5/8 X16	3/8	0	5110	1311	5210
112A 50 47	49	13/16	36	123	123	9/16X16	3/8	0	1511	5210	1411
121A 50 47	49	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5210
130A 50 47	49	13/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
139A 50 47	49	13/16	36	123	124	5/8 X16	3/8	0	5210	1411	5210
148A 50 47	49	13/16	36	124	124	11/16X16	3/8	0	1411	5210	1511
157A 50 47	49	13/16	60	124	132	11/16X16	3/8	0	5210	1311	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 50 47	48	7/8	55	132	123	5/8 X16	3/8	0	5110	1311	5210
112A 50 47	48	7/8	36	123	123	9/16X16	3/8	0	1511	5210	1411
121A 50 47	48	7/8	36	123	123	1/2 X16	3/8	0	5210	1411	5210
130A 50 47	48	7/8	36	123	123	1/2 X16	3/8	0	1411	5210	1411
139A 50 47	48	7/8	36	123	124	5/8 X16	3/8	0	5210	1411	5210
148A 50 47	48	7/8	36	124	124	11/16X16	3/8	0	1411	5210	1511
157A 50 47	48	7/8	60	124	132	11/16X16	3/8	0	5210	1311	5110

4-A1-206

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

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A 50 47	300	128	100	100	681	681	128	85	85	491	491	128	85	85	491	491
212A 50 47	300	129	75	75	491	491	130	75	75	491	491	131	75	75	491	491
221A 50 47	300	135	60	60	492	492	135	60	60	492	492	134	65	65	492	492
230A 50 47	300	133	60	60	441	442	133	60	60	441	442	133	60	60	441	442
239A 50 47	300	134	55	55	442	442	135	55	55	442	442	135	50	50	442	492
248A 50 47	300	131	65	65	491	491	130	65	65	491	491	129	65	65	491	491
257A 50 47	300	128	75	75	491	491	128	75	75	491	491	128	85	85	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
203A 50 47	50	13/16	70	132	123	3/4 X16	3/8	1/4	1013	5210	5010
212A 50 47	50	13/16	55	123	123	1/2 X16	5/16	0	5210	5010	5210
221A 50 47	50	13/16	42	123	123	3/8 X16	5/16	0	5210	1111	5210
230A 50 47	50	13/16	42	122	122	5/16X13	5/16	0	1111	5210	1111
239A 50 47	50	13/16	36	122	123	3/8 X16	5/16	0	5210	1111	5210
248A 50 47	50	13/16	45	123	123	3/8 X16	5/16	0	5210	5010	5210
257A 50 47	50	13/16	65	123	132	11/16X16	5/16	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
203A 50 47	49	13/16	75	132	124	13/16X16	3/8	1/4	1013	5210	5010
212A 50 47	49	13/16	55	123	123	1/2 X16	5/16	0	5210	5010	5210
221A 50 47	49	13/16	42	123	123	7/16X16	5/16	0	5210	1111	5210
230A 50 47	49	13/16	42	122	122	5/16X13	5/16	0	1111	5210	1111
2 239A 50 47	49	13/16	36	122	123	3/8 X16	5/16	0	5210	4120	5210
248A 50 47	49	13/16	45	123	123	7/16X16	5/16	0	5210	5010	5210
257A 50 47	49	13/16	65	123	132	11/16X16	5/16	0	5010	5210	1013

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
203A 50 47	48	7/8	75	132	124	13/16X16	3/8	1/4	1013	5210	5010
212A 50 47	48	7/8	55	123	123	1/2 X16	5/16	0	5210	5010	5210
221A 50 47	48	7/8	42	123	123	7/16X16	5/16	0	5210	1111	5210
230A 50 47	48	7/8	42	122	122	5/16X13	5/16	0	1111	5210	1111
2 239A 50 47	48	7/8	36	122	123	3/8 X16	5/16	0	5210	7240	5210
248A 50 47	48	7/8	45	123	123	7/16X16	5/16	0	5210	5010	5210
257A 50 47	48	7/8	65	123	132	11/16X16	5/16	0	5010	5210	1013

4-A1-207

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
303A	50	47	300	132	65	65	491	491	134	60	60	492	492	136	55	55	492	492
312A	50	47	300	143	50	50	492	492	143	50	50	492	492	143	50	50	492	492
321A	50	47	300	143	50	50	492	492	143	50	50	492	492	143	50	50	492	492
330A	50	47	300	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
339A	50	47	300	144	50	50	492	492	144	50	50	492	492	144	55	55	492	492
348A	50	47	300	143	55	55	492	492	143	55	55	492	492	143	55	55	492	492
357A	50	47	300	136	60	60	492	492	134	65	65	492	492	132	70	70	681	681

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A	50	47	50	13/16	50	132	123	9/16X16	3/8	0	5110	1311	5210
312A	50	47	50	13/16	36	123	123	1/2 X16	3/8	0	1511	5210	1411
321A	50	47	50	13/16	36	123	123	7/16X16	3/8	0	5210	1411	5210
330A	50	47	50	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
339A	50	47	50	13/16	36	123	123	9/16X16	3/8	0	5210	1411	5210
348A	50	47	50	13/16	36	124	124	5/8 X16	3/8	0	1411	5210	1511
357A	50	47	50	13/16	55	124	132	11/16X16	3/8	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A	50	47	49	13/16	55	132	123	9/16X16	3/8	0	5110	1311	5210
312A	50	47	49	13/16	36	123	123	9/16X16	3/8	0	1511	5210	1411
321A	50	47	49	13/16	36	123	123	7/16X16	3/8	0	5210	1411	5210
330A	50	47	49	13/16	42	123	123	7/16X16	3/8	0	1411	5210	1411
339A	50	47	49	13/16	42	123	123	5/8 X16	3/8	0	5210	1411	5210
348A	50	47	49	13/16	36	124	124	5/8 X16	3/8	0	1411	5210	1511
357A	50	47	49	13/16	55	124	132	11/16X16	3/8	0	5210	1311	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A	50	47	48	7/8	55	132	123	9/16X16	3/8	0	5110	1311	5210
312A	50	47	48	7/8	36	123	123	9/16X16	3/8	0	1511	5210	1411
321A	50	47	48	7/8	36	123	123	7/16X16	3/8	0	5210	1411	5210
330A	50	47	48	7/8	36	123	123	7/16X16	3/8	0	1411	5210	1411
339A	50	47	48	7/8	36	123	123	5/8 X16	3/8	0	5210	1411	5210
348A	50	47	48	7/8	36	124	124	11/16X16	3/8	0	1411	5210	1511
357A	50	47	48	7/8	55	124	132	11/16X16	3/8	0	5210	1311	5110

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

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
403A	50	47	300	128	85	85	681	681	128	80	80	491	491	128	80	80	491	491
412A	50	47	300	129	70	70	491	491	130	70	70	491	491	131	65	65	491	491
421A	50	47	300	135	55	55	492	492	135	55	55	442	492	134	55	55	442	492
430A	50	47	300	133	60	60	441	442	133	60	60	441	442	133	60	60	441	442
439A	50	47	300	134	60	60	442	492	135	60	60	442	492	135	60	60	492	492
448A	50	47	300	131	70	70	491	491	130	75	75	491	491	129	75	75	491	491
457A	50	47	300	128	80	80	491	491	128	80	80	491	491	128	85	85	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	50	47	50	13/16	65	132	123	3/4 X16	3/8	1/4	1013	5210	5010
412A	50	47	50	13/16	46	123	123	7/16X16	5/16	0	5210	5010	5210
421A	50	47	50	13/16	42	123	123	3/8 X16	5/16	0	5210	1111	5210
430A	50	47	50	13/16	42	122	122	5/16X14	5/16	0	1111	5210	1111
439A	50	47	50	13/16	42	123	123	3/8 X16	5/16	0	5210	1111	5210
448A	50	47	50	13/16	50	123	123	7/16X16	5/16	0	5210	5010	5210
457A	50	47	50	13/16	70	123	132	11/16X16	3/8	1/4	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	50	47	49	13/16	70	132	123	3/4 X16	3/8	1/4	1013	5210	5010
412A	50	47	49	13/16	46	123	123	1/2 X16	5/16	0	5210	5010	5210
2 421A	50	47	49	13/16	36	123	123	3/8 X16	5/16	0	5210	4120	5210
430A	50	47	49	13/16	42	122	122	5/16X14	5/16	0	1111	5210	1111
439A	50	47	49	13/16	42	123	123	3/8 X16	5/16	0	5210	1111	5210
448A	50	47	49	13/16	50	123	123	7/16X16	5/16	0	5210	5010	5210
457A	50	47	49	13/16	70	123	132	11/16X16	3/8	1/4	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	50	47	48	7/8	70	132	123	13/16X16	3/8	1/4	1013	5210	5010
412A	50	47	48	7/8	46	123	123	1/2 X16	5/16	0	5210	5010	5210
2 421A	50	47	48	7/8	36	123	123	3/8 X16	5/16	0	5210	7240	5210
430A	50	47	48	7/8	42	122	122	5/16X14	5/16	0	1111	5210	1111
439A	50	47	48	7/8	42	123	123	3/8 X16	5/16	0	5210	1111	5210
448A	50	47	48	7/8	50	123	123	7/16X16	5/16	0	5210	5010	5210
457A	50	47	48	7/8	70	123	132	3/4 X16	3/8	1/4	5010	5210	1013

4-A1-209

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A 50 48	210	132	80	80	681	681	535	80	80	0	0	135	70	70	682	682
300A 50 48	210	132	75	75	681	681	535	75	75	0	0	135	65	65	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 50 48	50	13/16	55	132	132	3/4 X16	7/16	0	5410	5010	1313
300A 50 48	50	13/16	50	132	132	11/16X16	3/8	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 50 48	49	13/16	55	132	132	3/4 X16	7/16	0	5410	5010	1313
300A 50 48	49	13/16	55	132	132	11/16X16	3/8	0	5410	5010	1313

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

4-A1-210

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
109A	51	48	300	140	50	50	492	492	141	50	50	492	492	142	50	50	492	492
118A	51	48	300	142	45	45	492	492	142	45	45	492	492	142	45	45	492	492
127A	51	48	300	142	45	45	492	492	142	45	45	492	492	143	45	45	492	492
133A	51	48	300	144	45	45	492	492	144	45	45	492	492	144	45	45	492	492
142A	51	48	300	143	50	50	492	492	143	50	50	492	492	142	50	50	492	492
151A	51	48	300	142	55	55	492	492	141	55	55	492	492	140	55	55	492	492

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A	51	48	51	13/16	36	123	123	9/16X16	5/16	0	5210	1411	5210
118A	51	48	51	13/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
127A	51	48	51	13/16	36	123	123	3/8 X16	3/8	0	5110	1411	5210
133A	51	48	51	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5110
142A	51	48	51	13/16	36	123	124	5/8 X16	3/8	0	1411	5210	1411
151A	51	48	51	13/16	42	124	124	5/8 X16	3/8	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A	51	48	50	13/16	36	123	123	9/16X16	5/16	0	5210	1411	5210
118A	51	48	50	13/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
127A	51	48	50	13/16	36	123	123	3/8 X16	3/8	0	5110	1411	5210
133A	51	48	50	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5110
142A	51	48	50	13/16	36	123	124	5/8 X16	3/8	0	1411	5210	1411
151A	51	48	50	13/16	42	124	124	5/8 X16	3/8	0	5210	1411	5210

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
109A	51	48	49	13/16	36	123	123	9/16X16	5/16	0	5210	1411	5210
118A	51	48	49	13/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
127A	51	48	49	13/16	36	123	123	3/8 X16	3/8	0	5110	1411	5210
133A	51	48	49	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5110
142A	51	48	49	13/16	36	124	124	5/8 X16	3/8	0	1411	5210	1411
151A	51	48	49	13/16	42	124	124	11/16X16	3/8	0	5210	1411	5210

4-A1-211

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

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
209A	51	48	300	129	80	80	491	491	129	80	80	491	491	129	75	75	491	491
218A	51	48	300	135	65	65	492	492	135	65	65	492	492	135	65	65	492	492
227A	51	48	300	133	60	60	441	442	133	60	60	441	442	133	60	60	441	442
233A	51	48	300	133	60	60	441	442	133	60	60	441	442	133	60	60	441	442
242A	51	48	300	135	50	50	442	492	135	55	55	442	492	135	55	55	492	492
251A	51	48	300	129	65	65	491	491	129	70	70	491	491	129	70	70	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	51	48	51	13/16	55	123	123	1/2 X16	5/16	0	5010	5210	1212
218A	51	48	51	13/16	42	123	123	7/16X16	5/16	0	1611	5210	1111
227A	51	48	51	13/16	42	122	122	5/16X14	5/16	0	5110	1111	5210
233A	51	48	51	13/16	42	122	122	5/16X13	5/16	0	5210	1111	5110
242A	51	48	51	13/16	36	123	123	3/8 X16	5/16	0	1111	5210	1611
251A	51	48	51	13/16	50	123	123	7/16X16	5/16	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	51	48	50	13/16	55	123	123	1/2 X16	5/16	0	5010	5210	1212
218A	51	48	50	13/16	45	123	123	7/16X16	5/16	0	1611	5210	1111
227A	51	48	50	13/16	42	122	122	5/16X14	5/16	0	5110	1111	5210
233A	51	48	50	13/16	42	122	122	5/16X14	5/16	0	5210	1111	5110
242A	51	48	50	13/16	36	123	123	3/8 X16	5/16	0	1111	5210	1611
251A	51	48	50	13/16	45	123	123	7/16X16	5/16	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — UNIVERSITY OF [illegible]

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	51	48	49	13/16	55	123	123	1/2 X16	5/16	0	5010	5210	1212
218A	51	48	49	13/16	42	123	123	7/16X16	5/16	0	1611	5210	1111
227A	51	48	49	13/16	42	122	122	5/16X15	5/16	0	5110	1111	5210
233A	51	48	49	13/16	42	122	122	5/16X14	5/16	0	5210	1111	5110
2 242A	51	48	49	13/16	36	123	123	3/8 X16	5/16	0	(4120)	5210	(4510)
251A	51	48	49	13/16	45	123	123	7/16X16	5/16	0	1212	5210	5010

4-A1-212

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

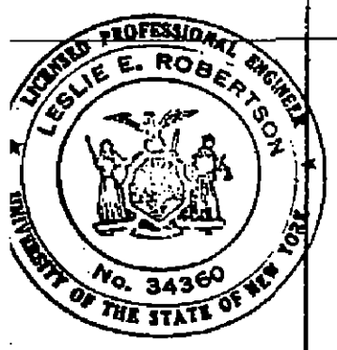
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309A 51 48	300	140	50	50	492	492	141	50	50	492	492	142	50	50	492	492
318A 51 48	300	142	50	50	492	492	142	50	50	492	492	142	50	50	492	492
327A 51 48	300	142	50	50	442	492	142	50	50	442	492	143	50	50	442	492
333A 51 48	300	144	50	50	492	492	144	50	50	492	492	144	50	50	492	492
342A 51 48	300	143	55	55	492	492	143	55	55	492	492	142	55	55	492	492
351A 51 48	300	142	55	55	492	492	141	55	55	492	492	140	55	55	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A 51 48	51	13/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
318A 51 48	51	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
327A 51 48	51	13/16	36	123	123	3/8 X15	3/8	0	5110	1411	5210
333A 51 48	51	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5110
342A 51 48	51	13/16	36	123	123	5/8 X16	3/8	0	1411	5210	1411
351A 51 48	51	13/16	42	124	124	5/8 X16	3/8	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A 51 48	50	13/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
318A 51 48	50	13/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
327A 51 48	50	13/16	36	123	123	3/8 X15	3/8	0	5110	1411	5210
333A 51 48	50	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5110
342A 51 48	50	13/16	36	123	124	5/8 X16	3/8	0	1411	5210	1411
351A 51 48	50	13/16	36	124	124	5/8 X16	3/8	0	5210	1411	5210



PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A 51 48	49	13/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
318A 51 48	49	13/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
327A 51 48	49	13/16	36	123	123	3/8 X15	3/8	0	5110	1411	5210
333A 51 48	49	13/16	42	123	123	1/2 X16	3/8	0	5210	1411	5110
342A 51 48	49	13/16	36	123	124	5/8 X16	3/8	0	1411	5210	1411
351A 51 48	49	13/16	36	124	124	5/8 X16	3/8	0	5210	1411	5210

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
409A	51	48	300	129	75	75	491	491	129	75	75	491	491	129	70	70	491	491
418A	51	48	300	135	55	55	492	492	135	55	55	492	492	135	55	55	492	492
427A	51	48	300	133	60	60	441	442	133	60	60	441	442	133	60	60	441	442
433A	51	48	300	133	60	60	441	442	133	60	60	441	442	133	60	60	441	442
442A	51	48	300	135	60	60	492	492	135	60	60	492	492	135	60	60	492	492
451A	51	48	300	129	75	75	491	491	129	80	80	491	491	129	80	80	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
409A	51	48	51	13/16	50	123	123	1/2 X16	5/16	0	5010	5210	1212
418A	51	48	51	13/16	36	123	123	7/16X16	5/16	0	1611	5210	1111
427A	51	48	51	13/16	42	122	122	5/16X14	5/16	0	5110	1111	5210
433A	51	48	51	13/16	42	122	122	5/16X14	5/16	0	5210	1111	5110
442A	51	48	51	13/16	42	123	123	3/8 X16	5/16	0	1111	5210	1611
451A	51	48	51	13/16	55	123	123	7/16X16	5/16	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
409A	51	48	50	13/16	46	123	123	1/2 X16	5/16	0	5010	5210	1212
418A	51	48	50	13/16	36	123	123	7/16X16	5/16	0	1611	5210	1111
427A	51	48	50	13/16	42	122	122	5/16X14	5/16	0	5110	1111	5210
433A	51	48	50	13/16	42	122	122	5/16X14	5/16	0	5210	1111	5110
442A	51	48	50	13/16	42	123	123	7/16X16	5/16	0	1111	5210	1611
451A	51	48	50	13/16	50	123	123	7/16X16	5/16	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON NEW YORK

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	409A	51	48	49	13/16	46	123	123	1/2 X16	5/16	0	5010	5210	1212
2	418A	51	48	49	13/16	36	123	123	7/16X16	5/16	0	4510	5210	4120
	427A	51	48	49	13/16	42	122	122	5/16X14	5/16	0	5110	1111	5210
	433A	51	48	49	13/16	42	122	122	5/16X15	5/16	0	5210	1111	5110
	442A	51	48	49	13/16	42	123	123	7/16X16	5/16	0	1111	5210	1611
	451A	51	48	49	13/16	50	123	123	7/16X16	5/16	0	1212	5210	5010

4-A1-214

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A 51	49	210	135	80	80	692	692	535	85	85	0	0	132	85	85	681	691
400A 51	49	210	135	75	75	682	692	535	75	75	0	0	132	75	75	681	691

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 51	49	51	13/16	60	132	132	13/16X16	7/16	0	1313	5010	5610
400A 51	49	51	13/16	55	132	132	13/16X16	7/16	0	1313	5010	5610

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 51	49	50	13/16	60	132	132	13/16X16	7/16	0	1313	5010	5610
400A 51	49	50	13/16	55	132	132	13/16X16	7/16	0	1313	5010	5610

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

4-A1-215

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106A 52 49	300	137	55	55	492	492	138	55	55	492	492	139	55	55	492	492
115A 52 49	300	141	46	46	492	492	141	46	46	492	492	141	46	46	492	492
124A 52 49	300	141	45	45	492	492	141	45	45	492	492	141	45	45	492	492
136A 52 49	300	143	45	45	492	492	143	45	45	492	492	143	45	45	492	492
145A 52 49	300	142	50	50	492	492	141	50	50	492	492	141	50	50	492	492
154A 52 49	300	139	55	55	492	492	138	55	55	492	492	137	60	60	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A 52 49	52	13/16	42	123	123	1/2 X16	5/16	0	1311	5110	1411
115A 52 49	52	13/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
124A 52 49	52	13/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
136A 52 49	52	13/16	36	123	123	9/16X16	3/8	0	1411	5110	1411
145A 52 49	52	13/16	36	123	124	5/8 X16	3/8	0	5110	1411	5110
154A 52 49	52	13/16	42	124	124	5/8 X16	3/8	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A 52 49	51	13/16	42	123	123	1/2 X16	5/16	0	1311	5110	1411
115A 52 49	51	13/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
124A 52 49	51	13/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
136A 52 49	51	13/16	36	123	123	9/16X16	3/8	0	1411	5110	1411
145A 52 49	51	13/16	36	124	124	5/8 X16	3/8	0	5110	1411	5110
154A 52 49	51	13/16	42	124	124	5/8 X16	3/8	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106A 52 49	50	13/16	42	123	123	9/16X16	5/16	0	1311	5110	1411
115A 52 49	50	13/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
124A 52 49	50	13/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
136A 52 49	50	13/16	36	123	123	9/16X16	3/8	0	1411	5110	1411
145A 52 49	50	13/16	36	124	124	5/8 X16	3/8	0	5110	1411	5110
154A 52 49	50	13/16	42	124	124	5/8 X16	3/8	0	1411	5110	1311

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
206A 52 49	300	128	85	85	491	491	128	85	85	491	491	128	85	85	491	491
215A 52 49	300	131	70	70	491	491	132	65	65	491	491	134	65	65	491	492
224A 52 49	300	132	65	65	441	491	132	65	65	441	441	132	65	65	441	441
236A 52 49	300	132	55	55	441	441	132	55	55	441	441	132	55	55	441	441
245A 52 49	300	134	55	55	491	492	132	55	55	491	491	131	60	60	491	491
254A 52 49	300	128	75	75	491	491	128	75	75	491	491	128	75	75	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A 52 49	52	13/16	55	123	123	5/8 X16	5/16	0	5110	1212	5110
215A 52 49	52	13/16	50	123	123	7/16X16	5/16	0	1212	5510	5110
224A 52 49	52	13/16	42	123	122	5/16X15	5/16	0	1111	5110	1111
236A 52 49	52	13/16	42	122	122	5/16X14	5/16	0	1111	5110	1111
245A 52 49	52	13/16	42	123	123	3/8 X16	5/16	0	5110	5310	1212
254A 52 49	52	13/16	50	123	123	9/16X16	5/16	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A 52 49	51	13/16	55	123	123	5/8 X16	5/16	0	5110	1212	5110
215A 52 49	51	13/16	50	123	123	7/16X16	5/16	0	1212	5510	5110
224A 52 49	51	13/16	42	123	122	5/16X15	5/16	0	1111	5110	1111
236A 52 49	51	13/16	42	122	122	5/16X14	5/16	0	1111	5110	1111
245A 52 49	51	13/16	42	123	123	3/8 X16	5/16	0	5110	5310	1212
254A 52 49	51	13/16	50	123	123	9/16X16	5/16	0	5110	1212	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A 52 49	50	13/16	60	123	123	11/16X16	5/16	0	5110	1212	5110
215A 52 49	50	13/16	50	123	123	1/2 X16	5/16	0	1212	5510	5110
224A 52 49	50	13/16	45	123	122	5/16X16	5/16	0	1111	5110	1111
236A 52 49	50	13/16	42	122	122	5/16X14	5/16	0	1111	5110	1111
245A 52 49	50	13/16	42	123	123	3/8 X16	5/16	0	5110	5310	1212
254A 52 49	50	13/16	50	123	123	9/16X16	5/16	0	5110	1212	5110

4-A1-217

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306A	52	49	300	137	55	55	492	492	138	50	50	492	492	139	50	50	492	492
315A	52	49	300	141	50	50	492	492	141	50	50	492	492	141	50	50	492	492
324A	52	49	300	141	50	50	442	492	141	50	50	442	492	141	50	50	442	492
336A	52	49	300	143	50	50	492	492	143	50	50	492	492	143	50	50	492	492
345A	52	49	300	142	55	55	492	492	141	55	55	492	492	141	55	55	492	492
354A	52	49	300	139	55	55	492	492	138	55	55	492	492	137	60	60	492	492

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A	52	49	52	13/16	36	123	123	1/2 X16	5/16	0	1311	5110	1411
315A	52	49	52	13/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
324A	52	49	52	13/16	36	123	122	3/8 X15	3/8	0	1411	5110	1411
336A	52	49	52	13/16	36	123	123	9/16X16	3/8	0	1411	5110	1411
345A	52	49	52	13/16	36	123	124	5/8 X16	3/8	0	5110	1411	5110
354A	52	49	52	13/16	42	124	123	5/8 X16	3/8	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A	52	49	51	13/16	36	123	123	1/2 X16	5/16	0	1311	5110	1411
315A	52	49	51	13/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
324A	52	49	51	13/16	36	123	123	3/8 X15	3/8	0	1411	5110	1411
336A	52	49	51	13/16	36	123	123	9/16X16	3/8	0	1411	5110	1411
345A	52	49	51	13/16	36	123	124	5/8 X16	3/8	0	5110	1411	5110
354A	52	49	51	13/16	42	124	124	5/8 X16	3/8	0	1411	5110	1311

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306A	52	49	50	13/16	36	123	123	1/2 X16	5/16	0	1311	5110	1411
315A	52	49	50	13/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
324A	52	49	50	13/16	36	123	123	3/8 X16	3/8	0	1411	5110	1411
336A	52	49	50	13/16	36	123	123	9/16X16	3/8	0	1411	5110	1411
345A	52	49	50	13/16	36	124	124	5/8 X16	3/8	0	5110	1411	5110
354A	52	49	50	13/16	42	124	124	5/8 X16	3/8	0	1411	5110	1311

4-A1-218

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
406A	52	49	300	128	75	75	491	491	128	75	75	491	491	128	75	75	491	491
415A	52	49	300	131	60	60	491	491	132	60	60	491	491	134	55	55	491	492
424A	52	49	300	132	55	55	441	441	132	55	55	441	441	132	55	55	441	441
436A	52	49	300	132	60	60	441	441	132	60	60	441	441	132	65	65	441	441
445A	52	49	300	134	65	65	491	492	132	65	65	491	491	131	70	70	491	491
454A	52	49	300	128	80	80	491	491	128	80	80	491	491	128	80	80	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	52	49	52	13/16	55	123	123	5/8 X16	5/16	0	5110	1212	5110
415A	52	49	52	13/16	42	123	123	7/16X16	5/16	0	1212	5510	5110
424A	52	49	52	13/16	42	123	122	5/16X15	5/16	0	1111	5110	1111
436A	52	49	52	13/16	42	122	122	5/16X15	5/16	0	1111	5110	1111
445A	52	49	52	13/16	46	123	123	7/16X16	5/16	0	5110	5310	1212
454A	52	49	52	13/16	55	123	123	9/16X16	5/16	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	52	49	51	13/16	55	123	123	5/8 X16	5/16	0	5110	1212	5110
415A	52	49	51	13/16	42	123	123	7/16X16	5/16	0	1212	5510	5110
424A	52	49	51	13/16	42	123	122	5/16X15	5/16	0	1111	5110	1111
436A	52	49	51	13/16	42	122	123	5/16X15	5/16	0	1111	5110	1111
445A	52	49	51	13/16	46	123	123	7/16X16	5/16	0	5110	5310	1212
454A	52	49	51	13/16	55	123	123	9/16X16	5/16	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	52	49	50	13/16	55	123	123	5/8 X16	5/16	0	5110	1212	5110
415A	52	49	50	13/16	42	123	123	7/16X16	5/16	0	1212	5510	5110
424A	52	49	50	13/16	42	123	122	5/16X15	5/16	0	1111	5110	1111
436A	52	49	50	13/16	42	122	123	5/16X15	5/16	0	1111	5110	1111
445A	52	49	50	13/16	46	123	123	7/16X16	5/16	0	5110	5310	1212
454A	52	49	50	13/16	55	123	123	5/8 X16	5/16	0	5110	1212	5110

4-A1-219

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100A 52 50	210	132	85	85	681	681	534	85	85	0	0	134	75	75	682	682
300A 52 50	210	132	80	80	681	681	534	80	80	0	0	134	70	70	682	682

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
100A 52 50	52	13/16	60	132	132	11/16X16	3/8	0	5410	5010	1313
300A 52 50	52	13/16	55	131	131	11/16X16	3/8	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
100A 52 50	51	13/16	55	132	132	3/4 X16	3/8	0	5410	5010	1313
300A 52 50	51	13/16	50	131	131	11/16X16	3/8	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF N.Y.

4-A1-220

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
103A	53	50	300	132	75	75	491	491	133	65	65	491	492	135	55	55	492	492
112A	53	50	300	141	50	50	492	492	141	46	46	492	492	141	46	46	492	492
121A	53	50	300	141	45	45	492	492	141	45	45	492	492	141	45	45	492	492
130A	53	50	300	142	45	45	492	492	142	45	45	492	492	142	45	45	492	492
139A	53	50	300	143	45	45	492	492	142	46	46	492	492	142	46	46	492	492
148A	53	50	300	141	50	50	492	492	141	50	50	492	492	141	50	50	492	492
157A	53	50	300	135	60	60	492	492	133	65	65	491	492	132	75	75	681	681

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	53	50	53	13/16	55	132	123	9/16X16	3/8	0	5110	1311	5210
112A	53	50	53	13/16	36	123	123	1/2 X16	3/8	0	1511	5210	1411
121A	53	50	53	13/16	36	123	123	7/16X16	3/8	0	5210	1411	5210
130A	53	50	53	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
139A	53	50	53	13/16	36	123	123	9/16X16	3/8	0	5210	1411	5210
148A	53	50	53	13/16	36	123	124	5/8 X16	3/8	0	1411	5210	1511
157A	53	50	53	13/16	60	123	132	5/8 X16	3/8	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	53	50	52	13/16	60	132	123	9/16X16	3/8	0	5110	1311	5210
112A	53	50	52	13/16	36	123	123	1/2 X16	3/8	0	1511	5210	1411
121A	53	50	52	13/16	36	123	123	7/16X16	3/8	0	5210	1411	5210
130A	53	50	52	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
139A	53	50	52	13/16	36	123	123	9/16X16	3/8	0	5210	1411	5210
148A	53	50	52	13/16	36	124	124	5/8 X16	3/8	0	1411	5210	1511
157A	53	50	52	13/16	60	124	132	5/8 X16	3/8	0	5210	1311	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	53	50	51	13/16	55	132	123	9/16X16	3/8	0	5110	1311	5210
112A	53	50	51	13/16	36	123	123	1/2 X16	3/8	0	1511	5210	1411
121A	53	50	51	13/16	36	123	123	7/16X16	3/8	0	5210	1411	5210
130A	53	50	51	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
139A	53	50	51	13/16	36	123	123	9/16X16	3/8	0	5210	1411	5210
148A	53	50	51	13/16	36	124	124	5/8 X16	3/8	0	1411	5210	1511
157A	53	50	51	13/16	55	124	132	11/16X16	3/8	0	5210	1311	5110

4-A1-221

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A 53 50	300	127	100	100	681	681	128	85	85	491	491	128	85	85	491	491
212A 53 50	300	129	80	80	491	491	129	75	75	491	491	130	75	75	491	491
221A 53 50	300	134	60	60	492	492	133	65	65	441	492	133	65	65	441	492
230A 53 50	300	132	60	60	441	441	132	60	60	441	441	132	60	60	441	441
239A 53 50	300	133	55	55	441	442	133	55	55	441	442	134	50	50	442	442
248A 53 50	300	130	65	65	491	491	129	65	65	491	491	129	70	70	491	491
257A 53 50	300	128	75	75	491	491	128	75	75	491	491	127	85	85	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 53 50	53	13/16	75	132	123	3/4 X16	3/8	1/4	1013	5210	5010
212A 53 50	53	13/16	55	123	123	7/16X16	5/16	0	5210	5010	5210
221A 53 50	53	13/16	42	123	123	3/8 X16	5/16	0	5210	1111	5210
230A 53 50	53	13/16	42	122	122	5/16X12	5/16	0	1111	5210	1111
239A 53 50	53	13/16	36	122	122	5/16X15	5/16	0	5210	1111	5210
248A 53 50	53	13/16	50	123	123	3/8 X16	5/16	0	5210	5010	5210
257A 53 50	53	13/16	65	123	131	5/8 X16	5/16	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 53 50	52	13/16	75	132	123	3/4 X16	3/8	1/4	1013	5210	5010
212A 53 50	52	13/16	55	123	123	7/16X16	5/16	0	5210	5010	5210
221A 53 50	52	13/16	45	123	123	3/8 X16	5/16	0	5210	1111	5210
230A 53 50	52	13/16	42	122	122	5/16X12	5/16	0	1111	5210	1111
239A 53 50	52	13/16	36	122	123	5/16X15	5/16	0	5210	1111	5210
248A 53 50	52	13/16	50	123	123	3/8 X16	5/16	0	5210	5010	5210
257A 53 50	52	13/16	65	123	131	5/8 X16	5/16	0	5010	5210	1013

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 53 50	51	13/16	75	132	123	3/4 X16	3/8	1/4	1013	5210	5010
212A 53 50	51	13/16	50	123	123	1/2 X16	5/16	0	5210	5010	5210
221A 53 50	51	13/16	42	123	123	3/8 X16	5/16	0	5210	1111	5210
230A 53 50	51	13/16	42	122	122	5/16X13	5/16	0	1111	5210	1111
239A 53 50	51	13/16	36	122	123	5/16X16	5/16	0	5210	1111	5210
248A 53 50	51	13/16	45	123	123	3/8 X16	5/16	0	5210	5010	5210
257A 53 50	51	13/16	65	123	131	5/8 X16	5/16	0	5010	5210	1013

4-A1-222

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A	53	50	300	132	70	70	491	491	133	60	60	491	492	135	55	55	492	492
312A	53	50	300	141	50	50	492	492	141	50	50	492	492	141	50	50	492	492
321A	53	50	300	141	50	50	492	492	141	50	50	442	492	141	50	50	442	492
330A	53	50	300	142	50	50	492	492	142	50	50	492	492	142	50	50	492	492
339A	53	50	300	143	55	55	492	492	142	55	55	492	492	142	55	55	492	492
348A	53	50	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
357A	53	50	300	135	60	60	492	492	133	65	65	491	492	132	75	75	681	681

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	53	50	53	13/16	55	131	123	1/2 X16	5/16	0	5110	1311	5210
312A	53	50	53	13/16	36	123	123	1/2 X16	3/8	0	1511	5210	1411
321A	53	50	53	13/16	36	123	123	3/8 X16	3/8	0	5210	1411	5210
330A	53	50	53	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
339A	53	50	53	13/16	36	123	123	9/16X16	3/8	0	5210	1411	5210
348A	53	50	53	13/16	36	123	124	5/8 X16	3/8	0	1411	5210	1511
357A	53	50	53	13/16	60	123	132	5/8 X16	3/8	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	53	50	52	13/16	55	131	123	9/16X16	5/16	0	5110	1311	5210
312A	53	50	52	13/16	36	123	123	1/2 X16	3/8	0	1511	5210	1411
~~321A~~	~~53~~	~~50~~	~~52~~	~~13/16~~	~~36~~	~~123~~	~~123~~	~~7/16X16~~	~~3/8~~	~~0~~	~~5210~~	~~1411~~	~~5210~~
330A	53	50	52	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
339A	53	50	52	13/16	36	123	123	9/16X16	3/8	0	5210	1411	5210
348A	53	50	52	13/16	36	124	124	5/8 X16	3/8	0	1411	5210	1511
357A	53	50	52	13/16	60	123	132	5/8 X16	3/8	0	5210	1311	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	53	50	51	13/16	50	131	123	9/16X16	3/8	0	5110	1311	5210
312A	53	50	51	13/16	36	123	123	1/2 X16	3/8	0	1511	5210	1411
321A	53	50	51	13/16	36	123	123	7/16X16	3/8	0	5210	1411	5210
330A	53	50	51	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
339A	53	50	51	13/16	36	123	123	9/16X16	3/8	0	5210	1411	5210
348A	53	50	51	13/16	36	124	124	5/8 X16	3/8	0	1411	5210	1511
357A	53	50	51	13/16	55	124	132	5/8 X16	3/8	0	5210	1311	5110

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
403A	53 50	300	127	90	90	681	681	128	80	80	491	491	128	80	80	491	491
412A	53 50	300	129	75	75	491	491	129	65	65	491	491	130	65	65	491	491
421A	53 50	300	134	55	55	492	492	133	55	55	441	442	133	55	55	441	442
430A	53 50	300	132	60	60	441	441	132	60	60	441	441	132	60	60	441	441
439A	53 50	300	133	60	60	441	442	133	60	60	441	442	134	60	60	442	492
448A	53 50	300	130	75	75	491	491	129	75	75	491	491	129	80	80	491	491
457A	53 50	300	128	85	85	491	491	128	85	85	491	491	127	90	90	491	491

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	53 50	53	13/16	70	132	123	3/4 X16	3/8	1/4	1013	5210	5010
412A	53 50	53	13/16	50	123	123	7/16X16	5/16	0	5210	5010	5210
421A	53 50	53	13/16	42	123	123	3/8 X16	5/16	0	5210	1111	5210
430A	53 50	53	13/16	42	122	122	5/16X13	5/16	0	1111	5210	1111
439A	53 50	53	13/16	42	122	123	3/8 X16	5/16	0	5210	1111	5210
448A	53 50	53	13/16	55	123	123	7/16X16	5/16	0	5210	5010	5210
457A	53 50	53	13/16	70	123	132	11/16X16	5/16	0	5010	5210	1013

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	53 50	52	13/16	70	132	123	3/4 X16	3/8	1/4	1013	5210	5010
412A	53 50	52	13/16	50	123	123	7/16X16	5/16	0	5210	5010	5210
421A	53 50	52	13/16	42	123	123	3/8 X16	5/16	0	5210	1111	5210
430A	53 50	52	13/16	42	122	122	5/16X13	5/16	0	1111	5210	1111
439A	53 50	52	13/16	42	122	123	3/8 X16	5/16	0	5210	1111	5210
448A	53 50	52	13/16	55	123	123	7/16X16	5/16	0	5210	5010	5210
457A	53 50	52	13/16	70	123	132	11/16X16	5/16	0	5010	5210	1013

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

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	53 50	51	13/16	70	132	123	3/4 X16	3/8	1/4	1013	5210	5010
412A	53 50	51	13/16	45	123	123	7/16X16	5/16	0	5210	5010	5210
421A	53 50	51	13/16	36	123	123	3/8 X16	5/16	0	5210	1111	5210
430A	53 50	51	13/16	42	122	122	5/16X13	5/16	0	1111	5210	1111
439A	53 50	51	13/16	42	123	123	3/8 X16	5/16	0	5210	1111	5210
448A	53 50	51	13/16	50	123	123	7/16X16	5/16	0	5210	5010	5210
457A	53 50	51	13/16	70	123	132	11/16X16	5/16	0	5010	5210	1013

4-A1-224

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A	53	51	210	134	80	80	682	692	534	90	90	0	0	131	90	90	681	681
400A	53	51	210	134	75	75	682	682	534	85	85	0	0	131	85	85	681	681

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A	53	51	53	13/16	60	132	132	13/16X16	7/16	0	1313	5010	5610
400A	53	51	53	13/16	55	132	132	13/16X16	7/16	0	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A	53	51	52	13/16	60	132	132	13/16X16	7/16	0	1313	5010	5610
400A	53	51	52	13/16	60	132	132	13/16X16	7/16	0	1313	5010	5610

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

4-A1-225

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
109A 54 51	300	139	50	50	492	492	140	50	50	492	492	141	50	50	492	492
118A 54 51	300	141	46	46	492	492	141	45	45	492	492	141	45	45	492	492
127A 54 51	300	141	45	45	442	492	141	45	45	442	492	141	45	45	442	492
133A 54 51	300	142	45	45	492	492	142	45	45	492	492	142	45	45	492	492
142A 54 51	300	141	50	50	492	492	141	50	50	492	492	141	50	50	492	492
151A 54 51	300	141	55	55	492	492	140	55	55	492	492	139	55	55	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 54 51	54	13/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
118A 54 51	54	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
127A 54 51	54	13/16	36	123	123	3/8 X15	3/8	0	5110	1411	5210
133A 54 51	54	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5110
142A 54 51	54	13/16	36	123	123	9/16X16	3/8	0	1411	5210	1411
151A 54 51	54	13/16	42	123	123	5/8 X16	3/8	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 54 51	53	13/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
118A 54 51	53	13/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
127A 54 51	53	13/16	36	123	123	3/8 X15	3/8	0	5110	1411	5210
133A 54 51	53	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5110
142A 54 51	53	13/16	36	123	123	9/16X16	3/8	0	1411	5210	1411
151A 54 51	53	13/16	42	124	123	5/8 X16	3/8	0	5210	1411	5210

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 54 51	52	13/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
118A 54 51	52	13/16	36	123	123	1/2 X16	3/8	0	1411	5210	1411
127A 54 51	52	13/16	36	123	123	3/8 X15	3/8	0	5110	1411	5210
133A 54 51	52	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5110
142A 54 51	52	13/16	36	123	123	9/16X16	3/8	0	1411	5210	1411
151A 54 51	52	13/16	42	124	124	5/8 X16	3/8	0	5210	1411	5210

4-A1-226

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
209A 54 51	300	128	80	80	491	491	128	80	80	491	491	128	80	80	491	491
218A 54 51	300	134	65	65	491	492	134	65	65	491	492	134	65	65	491	492
227A 54 51	300	132	60	60	441	441	132	60	60	441	441	132	60	60	441	441
233A 54 51	300	132	60	60	441	441	132	55	55	441	441	132	55	55	441	441
242A 54 51	300	134	55	55	441	442	134	55	55	441	442	134	55	55	441	492
251A 54 51	300	128	70	70	491	491	128	70	70	491	491	128	70	70	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 54 51	54	13/16	55	123	123	5/8 X16	5/16	0	5010	5210	1212
218A 54 51	54	13/16	42	123	123	7/16X16	5/16	0	1611	5210	1111
227A 54 51	54	13/16	42	122	122	5/16X14	5/16	0	5110	1111	5210
233A 54 51	54	13/16	42	122	122	5/16X13	5/16	0	5210	1111	5110
242A 54 51	54	13/16	36	122	123	3/8 X16	5/16	0	1111	5210	1611
251A 54 51	54	13/16	50	123	123	1/2 X16	5/16	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 54 51	53	13/16	55	123	123	5/8 X16	5/16	0	5010	5210	1212
218A 54 51	53	13/16	45	123	123	7/16X16	5/16	0	1611	5210	1111
227A 54 51	53	13/16	42	122	122	5/16X14	5/16	0	5110	1111	5210
233A 54 51	53	13/16	42	122	122	5/16X13	5/16	0	5210	1111	5110
242A 54 51	53	13/16	36	122	123	3/8 X16	5/16	0	1111	5210	1611
251A 54 51	53	13/16	50	123	123	1/2 X16	5/16	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209A 54 51	52	13/16	55	123	123	5/8 X16	5/16	0	5010	5210	1212
218A 54 51	52	13/16	42	123	123	7/16X16	5/16	0	1611	5210	1111
227A 54 51	52	13/16	42	122	122	5/16X14	5/16	0	5110	1111	5210
233A 54 51	52	13/16	42	122	122	5/16X13	5/16	0	5210	1111	5110
242A 54 51	52	13/16	36	123	123	3/8 X16	5/16	0	1111	5210	1611
251A 54 51	52	13/16	50	123	123	9/16X16	5/16	0	1212	5210	5010

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

4-A1-227

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309A 54 51	300	139	50	50	492	492	140	50	50	492	492	141	50	50	492	492
318A 54 51	300	141	50	50	492	492	141	50	50	492	492	141	50	50	492	492
327A 54 51	300	141	50	50	442	442	141	50	50	442	442	141	50	50	442	442
333A 54 51	300	142	50	50	492	492	142	55	55	492	492	142	55	55	492	492
342A 54 51	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
351A 54 51	300	141	55	55	492	492	140	55	55	492	492	139	55	55	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A 54 51	54	13/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
318A 54 51	54	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
327A 54 51	54	13/16	36	122	123	3/8 X14	3/8	0	5110	1411	5210
333A 54 51	54	13/16	36	123	123	7/16X16	3/8	0	5210	1411	5110
342A 54 51	54	13/16	36	123	123	9/16X16	3/8	0	1411	5210	1411
351A 54 51	54	13/16	42	123	123	9/16X16	3/8	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A 54 51	53	13/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
~~318A 54 51~~	~~53~~	~~13/16~~	~~36~~	~~123~~	~~123~~	~~7/16X16~~	~~3/8~~	~~0~~	~~1411~~	~~5210~~	~~1411~~
327A 54 51	53	13/16	36	122	123	3/8 X15	3/8	0	5110	1411	5210
333A 54 51	53	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5110
342A 54 51	53	13/16	36	123	123	9/16X16	3/8	0	1411	5210	1411
351A 54 51	53	13/16	42	124	124	5/8 X16	3/8	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A 54 51	52	13/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
318A 54 51	52	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
327A 54 51	52	13/16	36	122	123	3/8 X15	3/8	0	5110	1411	5210
333A 54 51	52	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5110
342A 54 51	52	13/16	36	123	123	9/16X16	3/8	0	1411	5210	1411
351A 54 51	52	13/16	36	124	124	5/8 X16	3/8	0	5210	1411	5210

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

4-A1-228

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
409A 54 51	300	128	75	75	491	491	128	75	75	491	491	128	75	75	491	491
418A 54 51	300	134	55	55	491	492	134	55	55	491	492	134	55	55	491	492
427A 54 51	300	132	55	55	441	441	132	55	55	441	441	132	60	60	441	441
433A 54 51	300	132	60	60	441	441	132	60	60	441	441	132	60	60	441	441
442A 54 51	300	134	60	60	491	492	134	60	60	491	492	134	60	60	491	492
451A 54 51	300	128	80	80	491	491	128	80	80	491	491	128	80	80	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A 54 51	54	13/16	50	123	123	9/16X16	5/16	0	5010	5210	1212
418A 54 51	54	13/16	36	123	123	3/8 X16	5/16	0	1611	5210	1111
427A 54 51	54	13/16	42	122	122	5/16X13	5/16	0	5110	1111	5210
433A 54 51	54	13/16	42	122	122	5/16X13	5/16	0	5210	1111	5110
442A 54 51	54	13/16	42	123	123	3/8 X16	5/16	0	1111	5210	1611
451A 54 51	54	13/16	55	123	123	9/16X16	5/16	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A 54 51	53	13/16	50	123	123	5/8 X16	5/16	0	5010	5210	1212
418A 54 51	53	13/16	36	123	123	7/16X16	5/16	0	1611	5210	1111
427A 54 51	53	13/16	42	122	122	5/16X14	5/16	0	5110	1111	5210
433A 54 51	53	13/16	42	122	122	5/16X14	5/16	0	5210	1111	5110
442A 54 51	53	13/16	42	123	123	3/8 X16	5/16	0	1111	5210	1611
451A 54 51	53	13/16	55	123	123	9/16X16	5/16	0	1212	5210	5010

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

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A 54 51	52	13/16	50	123	123	5/8 X16	5/16	0	5010	5210	1212
418A 54 51	52	13/16	36	123	123	7/16X16	5/16	0	1611	5210	1111
427A 54 51	52	13/16	42	122	122	5/16X14	5/16	0	5110	1111	5210
433A 54 51	52	13/16	42	122	122	5/16X14	5/16	0	5210	1111	5110
442A 54 51	52	13/16	42	123	123	3/8 X16	5/16	0	1111	5210	1611
451A 54 51	52	13/16	55	123	123	9/16X16	5/16	0	1212	5210	5010

4-A1-229

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A	54 52	210	131	85	85	681	681	534	85	85	0	0	134	75	75	682	682
300A	54 52	210	131	80	80	681	681	534	80	80	0	0	134	70	70	682	682

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	54 52	54	13/16	60	131	132	11/16X16	3/8	0	5410	5010	1313
300A	54 52	54	13/16	55	131	131	11/16X16	3/8	0	5410	5010	1313

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	54 52	53	13/16	60	132	132	11/16X16	3/8	0	5410	5010	1313
300A	54 52	53	13/16	55	131	131	11/16X16	3/8	0	5410	5010	1313

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

4-A1-230

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106A 55 52	300	136	55	55	492	492	137	55	55	492	492	138	55	55	492	492
115A 55 52	300	141	46	46	492	492	141	46	46	492	492	141	46	46	492	492
124A 55 52	300	141	45	45	492	492	141	45	45	442	492	141	45	45	442	492
136A 55 52	300	141	45	45	492	492	141	45	45	492	492	141	45	45	492	492
145A 55 52	300	141	50	50	492	492	141	50	50	492	492	141	50	50	492	492
154A 55 52	300	138	55	55	492	492	137	60	60	492	492	136	60	60	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A 55 52	55	13/16	42	123	123	1/2 X16	5/16	0	1311	5110	1411
115A 55 52	55	13/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
124A 55 52	55	13/16	36	123	122	3/8 X15	3/8	0	1411	5110	1411
136A 55 52	55	13/16	36	123	123	1/2 X16	3/8	0	1411	5110	1411
145A 55 52	55	13/16	36	123	123	9/16X16	3/8	0	5110	1411	5110
154A 55 52	55	13/16	42	123	123	9/16X16	3/8	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A 55 52	54	13/16	42	123	123	1/2 X16	5/16	0	1311	5110	1411
115A 55 52	54	13/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
124A 55 52	54	13/16	36	123	123	3/8 X16	3/8	0	1411	5110	1411
136A 55 52	54	13/16	36	123	123	1/2 X16	3/8	0	1411	5110	1411
145A 55 52	54	13/16	36	123	123	9/16X16	3/8	0	5110	1411	5110
154A 55 52	54	13/16	42	123	123	9/16X16	3/8	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A 55 52	53	13/16	42	123	123	1/2 X16	5/16	0	1311	5110	1411
115A 55 52	53	13/16	36	123	123	1/2 X16	3/8	0	5110	1411	5110
124A 55 52	53	13/16	36	123	123	3/8 X16	3/8	0	1411	5110	1411
136A 55 52	53	13/16	36	123	123	1/2 X16	3/8	0	1411	5110	1411
145A 55 52	53	13/16	36	123	123	5/8 X16	3/8	0	5110	1411	5110
154A 55 52	53	13/16	42	123	123	9/16X16	3/8	0	1411	5110	1311

4-A1-231

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206A	55	52	300	127	85	85	491	491	127	85	85	491	491	128	85	85	491	491
215A	55	52	300	130	70	70	491	491	132	70	70	491	491	132	65	65	491	491
224A	55	52	300	132	60	60	441	441	132	60	60	441	441	132	60	60	441	441
236A	55	52	300	132	55	55	441	441	132	55	55	441	441	132	55	55	441	441
245A	55	52	300	132	55	55	491	491	132	60	60	491	491	130	60	60	491	491
254A	55	52	300	128	75	75	491	491	127	75	75	491	491	127	75	75	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	55	52	55	13/16	60	123	123	5/8 X16	5/16	0	5110	1212	5110
215A	55	52	55	13/16	50	123	123	7/16X16	5/16	0	1212	5510	5110
224A	55	52	55	13/16	42	122	122	5/16X15	5/16	0	1111	5110	1111
236A	55	52	55	13/16	36	122	122	5/16X14	5/16	0	1111	5110	1111
245A	55	52	55	13/16	42	123	123	3/8 X16	5/16	0	5110	5310	1212
254A	55	52	55	13/16	50	123	123	1/2 X16	5/16	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	55	52	54	13/16	60	123	123	5/8 X16	5/16	0	5110	1212	5110
215A	55	52	54	13/16	50	123	123	7/16X16	5/16	0	1212	5510	5110
224A	55	52	54	13/16	42	123	122	5/16X15	5/16	0	1111	5110	1111
236A	55	52	54	13/16	36	122	122	5/16X14	5/16	0	1111	5110	1111
245A	55	52	54	13/16	42	123	123	3/8 X16	5/16	0	5110	5310	1212
254A	55	52	54	13/16	55	123	123	1/2 X16	5/16	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	55	52	53	13/16	60	123	123	5/8 X16	5/16	0	5110	1212	5110
215A	55	52	53	13/16	50	123	123	7/16X16	5/16	0	1212	5510	5110
224A	55	52	53	13/16	42	123	122	5/16X15	5/16	0	1111	5110	1111
236A	55	52	53	13/16	42	122	122	5/16X14	5/16	0	1111	5110	1111
245A	55	52	53	13/16	42	123	123	3/8 X16	5/16	0	5110	5310	1212
254A	55	52	53	13/16	55	123	123	1/2 X16	5/16	0	5110	1212	5110

4-A1-232

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306A 55 52	300	136	55	55	492	492	137	55	55	492	492	138	55	55	492	492
315A 55 52	300	141	50	50	492	492	141	50	50	492	492	141	50	50	492	492
324A 55 52	300	141	50	50	442	442	141	50	50	442	442	141	50	50	442	442
336A 55 52	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
345A 55 52	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
354A 55 52	300	138	55	55	492	492	137	55	55	492	492	136	60	60	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 55 52	55	13/16	42	123	123	7/16X16	5/16	0	1311	5110	1411
315A 55 52	55	13/16	36	123	123	7/16X16	3/8	0	5110	1411	5110
324A 55 52	55	13/16	36	123	122	3/8 X15	3/8	0	1411	5110	1411
336A 55 52	55	13/16	36	123	123	1/2 X16	3/8	0	1411	5110	1411
345A 55 52	55	13/16	36	123	123	9/16X16	3/8	0	5110	1411	5110
354A 55 52	55	13/16	42	123	123	9/16X16	5/16	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 55 52	54	13/16	36	123	123	7/16X16	5/16	0	1311	5110	1411
315A 55 52	54	13/16	36	123	123	7/16X16	3/8	0	5110	1411	5110
324A 55 52	54	13/16	36	123	122	3/8 X15	3/8	0	1411	5110	1411
336A 55 52	54	13/16	36	123	123	1/2 X16	3/8	0	1411	5110	1411
345A 55 52	54	13/16	36	123	123	9/16X16	3/8	0	5110	1411	5110
354A 55 52	54	13/16	42	123	123	9/16X16	3/8	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 55 52	53	13/16	36	123	123	7/16X16	5/16	0	1311	5110	1411
315A 55 52	53	13/16	36	123	123	7/16X16	3/8	0	5110	1411	5110
324A 55 52	53	13/16	36	123	122	3/8 X15	3/8	0	1411	5110	1411
336A 55 52	53	13/16	36	123	123	1/2 X16	3/8	0	1411	5110	1411
345A 55 52	53	13/16	36	123	123	5/8 X16	3/8	0	5110	1411	5110
354A 55 52	53	13/16	42	124	123	9/16X16	3/8	0	1411	5110	1311

4-A1-233

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406A 55 52	300	127	80	80	491	491	127	80	80	491	491	128	80	80	491	491
415A 55 52	300	130	65	65	491	491	132	60	60	491	491	132	55	55	491	491
424A 55 52	300	132	55	55	441	441	132	55	55	441	441	132	55	55	441	441
436A 55 52	300	132	60	60	441	441	132	60	60	441	441	132	60	60	441	441
445A 55 52	300	132	65	65	491	491	132	65	65	491	491	130	70	70	491	491
454A 55 52	300	128	80	80	491	491	127	80	80	491	491	127	80	80	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
406A 55 52	55	13/16	55	123	123	9/16X16	5/16	0	5110	1212	5110
415A 55 52	55	13/16	42	123	123	7/16X16	5/16	0	1212	5510	5110
424A 55 52	55	13/16	36	122	122	5/16X14	5/16	0	1111	5110	1111
436A 55 52	55	13/16	42	122	122	5/16X14	5/16	0	1111	5110	1111
445A 55 52	55	13/16	46	123	123	3/8 X16	5/16	0	5110	5310	1212
454A 55 52	55	13/16	55	123	123	9/16X16	5/16	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
406A 55 52	54	13/16	55	123	123	5/8 X16	5/16	0	5110	1212	5110
~~415A 55 52~~	~~54~~	~~13/16~~	~~42~~	~~123~~	~~123~~	~~7/16X16~~	~~5/16~~	~~0~~	~~1212~~	~~5510~~	~~5110~~
424A 55 52	54	13/16	42	122	122	5/16X14	5/16	0	1111	5110	1111
436A 55 52	54	13/16	42	122	122	5/16X15	5/16	0	1111	5110	1111
445A 55 52	54	13/16	46	123	123	3/8 X16	5/16	0	5110	5310	1212
454A 55 52	54	13/16	55	123	123	9/16X16	5/16	0	5110	1212	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
406A 55 52	53	13/16	55	123	123	5/8 X16	5/16	0	5110	1212	5110
415A 55 52	53	13/16	45	123	123	7/16X16	5/16	0	1212	5510	5110
424A 55 52	53	13/16	42	123	122	5/16X15	5/16	0	1111	5110	1111
436A 55 52	53	13/16	42	122	122	5/16X15	5/16	0	1111	5110	1111
445A 55 52	53	13/16	50	123	123	3/8 X16	5/16	0	5110	5310	1212
454A 55 52	53	13/16	55	123	123	9/16X16	5/16	0	5110	1212	5110

4-A1-234

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200A 55 53	210	133	80	80	681	682	533	90	90	0	0	131	90	90	681	681
400A 55 53	210	133	75	75	681	682	533	85	85	0	0	131	85	85	681	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
200A 55 53	55	13/16	65	132	132	3/4 X16	7/16	0	1313	5010	5610
400A 55 53	55	13/16	60	132	132	3/4 X16	7/16	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
200A 55 53	54	13/16	60	132	132	13/16X16	7/16	0	1313	5010	5610
400A 55 53	54	13/16	55	132	132	3/4 X16	7/16	0	1313	5010	5610

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

4-A1-235

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A 56 53	300	130	75	75	491	491	132	60	60	491	491	134	60	60	492	492
112A 56 53	300	140	50	50	492	492	140	50	50	492	492	140	50	50	492	492
121A 56 53	300	140	45	45	492	492	140	45	45	492	492	140	45	45	492	492
130A 56 53	300	141	45	45	442	492	141	45	45	442	492	141	45	45	492	492
139A 56 53	300	141	45	45	492	492	141	45	45	492	492	141	50	50	492	492
148A 56 53	300	140	55	55	492	492	140	55	55	492	492	140	55	55	492	492
157A 56 53	300	134	65	65	492	492	132	65	65	491	491	130	80	80	491	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 56 53	56	11/16	60	131	123	1/2 X16	5/16	0	5110	1311	5210
112A 56 53	56	11/16	36	123	123	1/2 X16	5/16	0	1511	5210	1411
121A 56 53	56	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
130A 56 53	56	11/16	36	123	123	3/8 X16	3/8	0	1411	5210	1411
139A 56 53	56	11/16	36	123	123	9/16X16	3/8	0	5210	1411	5210
148A 56 53	56	11/16	42	123	123	9/16X16	3/8	0	1411	5210	1511
157A 56 53	56	11/16	60	123	132	5/8 X16	3/8	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 56 53	55	13/16	60	131	123	9/16X16	5/16	0	5110	1311	5210
112A 56 53	55	13/16	36	123	123	1/2 X16	5/16	0	1511	5210	1411
121A 56 53	55	13/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
130A 56 53	55	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
139A 56 53	55	13/16	36	123	123	9/16X16	3/8	0	5210	1411	5210
148A 56 53	55	13/16	36	123	123	9/16X16	3/8	0	1411	5210	1511
157A 56 53	55	13/16	60	123	132	5/8 X16	3/8	0	5210	1311	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 56 53	54	13/16	60	132	123	9/16X16	5/16	0	5110	1311	5210
112A 56 53	54	13/16	36	123	123	1/2 X16	5/16	0	1511	5210	1411
121A 56 53	54	13/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
130A 56 53	54	13/16	36	123	123	7/16X16	3/8	0	1411	5210	1411
139A 56 53	54	13/16	36	123	123	9/16X16	3/8	0	5210	1411	5210
148A 56 53	54	13/16	36	123	123	5/8 X16	3/8	0	1411	5210	1511
157A 56 53	54	13/16	65	123	132	5/8 X16	3/8	0	5210	1311	5110

4-A1-236

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A	56 53	300	127	100	100	491	681	127	90	90	491	491	127	90	90	491	491
212A	56 53	300	128	85	85	491	491	129	60	80	491	491	129	75	75	491	491
221A	56 53	300	133	65	65	441	492	132	65	65	441	441	132	60	60	441	441
230A	56 53	300	132	60	60	441	441	132	60	60	441	441	132	60	60	441	441
239A	56 53	300	132	55	55	441	441	132	55	55	441	441	133	55	55	441	442
248A	56 53	300	129	65	65	491	491	129	70	70	491	491	128	75	75	491	491
257A	56 53	300	127	80	80	491	491	127	80	80	491	491	127	90	90	491	491

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
203A	56 53	56	11/16	75	132	123	11/16X16	3/8	1/4	1013	5210	5010
212A	56 53	56	11/16	60	123	123	9/16X16	5/16	0	5210	5010	5210
221A	56 53	56	11/16	42	123	122	5/16X16	5/16	0	5210	1111	5210
230A	56 53	56	11/16	42	122	122	5/16X12	5/16	0	1111	5210	1111
239A	56 53	56	11/16	36	122	122	5/16X14	5/16	0	5210	1111	5210
248A	56 53	56	11/16	50	123	123	1/2 X16	1/4	0	5210	5010	5210
257A	56 53	56	11/16	70	123	131	5/8 X16	5/16	0	5010	5210	1013

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
203A	56 53	55	13/16	80	132	123	11/16X16	3/8	1/4	1013	5210	5010
212A	56 53	55	13/16	55	123	123	9/16X16	5/16	0	5210	5010	5210
221A	56 53	55	13/16	45	123	122	3/8 X16	5/16	0	5210	1111	5210
230A	56 53	55	13/16	42	122	122	5/16X12	5/16	0	1111	5210	1111
239A	56 53	55	13/16	36	122	122	5/16X15	5/16	0	5210	1111	5210
248A	56 53	55	13/16	50	123	123	1/2 X16	1/4	0	5210	5010	5210
257A	56 53	55	13/16	70	123	131	5/8 X16	5/16	0	5010	5210	1013

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

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
203A	56 53	54	13/16	75	132	123	3/4 X16	3/8	1/4	1013	5210	5010
212A	56 53	54	13/16	55	123	123	9/16X16	5/16	0	5210	5010	5210
221A	56 53	54	13/16	42	123	123	3/8 X16	5/16	0	5210	1111	5210
230A	56 53	54	13/16	42	122	122	5/16X12	5/16	0	1111	5210	1111
239A	56 53	54	13/16	36	122	122	5/16X15	5/16	0	5210	1111	5210
248A	56 53	54	13/16	50	123	123	1/2 X16	1/4	0	5210	5010	5210
257A	56 53	54	13/16	65	123	131	5/8 X16	5/16	0	5010	5210	1013

4-A1-237

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
303A	56	53	300	130	70	70	491	491	132	60	60	491	491	134	60	60	492	492
312A	56	53	300	140	50	50	492	492	140	50	50	492	492	140	50	50	492	492
321A	56	53	300	140	50	50	492	492	140	50	50	442	442	140	50	50	442	442
330A	56	53	300	141	50	50	442	492	141	50	50	442	492	141	50	50	492	492
339A	56	53	300	141	50	50	492	492	141	55	55	492	492	141	55	55	492	492
348A	56	53	300	140	55	55	492	492	140	55	55	492	492	140	55	55	492	492
357A	56	53	300	134	60	60	492	492	132	65	65	491	491	130	75	75	491	681

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A	56	53	56	11/16	55	131	123	1/2 X16	5/16	0	5110	1311	5210
312A	56	53	56	11/16	36	123	123	7/16X16	5/16	0	1511	5210	1411
321A	56	53	56	11/16	36	123	123	3/8 X16	5/16	0	5210	1411	5210
330A	56	53	56	11/16	42	122	123	3/8 X15	3/8	0	1411	5210	1411
339A	56	53	56	11/16	42	123	123	1/2 X16	3/8	0	5210	1411	5210
348A	56	53	56	11/16	42	123	123	9/16X16	3/8	0	1411	5210	1511
357A	56	53	56	11/16	60	123	132	9/16X16	3/8	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A	56	53	55	13/16	55	131	123	1/2 X16	5/16	0	5110	1311	5210
312A	56	53	55	13/16	36	123	123	7/16X16	5/16	0	1511	5210	1411
321A	56	53	55	13/16	36	123	123	3/8 X16	5/16	0	5210	1411	5210
330A	56	53	55	13/16	36	122	123	3/8 X16	3/8	0	1411	5210	1411
339A	56	53	55	13/16	36	123	123	1/2 X16	3/8	0	5210	1411	5210
348A	56	53	55	13/16	36	123	123	9/16X16	3/8	0	1411	5210	1511
357A	56	53	55	13/16	60	123	132	5/8 X16	3/8	0	5210	1311	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303A	56	53	54	13/16	55	131	123	1/2 X16	5/16	0	5110	1311	5210
312A	56	53	54	13/16	36	123	123	1/2 X16	5/16	0	1511	5210	1411
321A	56	53	54	13/16	36	123	123	3/8 X16	5/16	0	5210	1411	5210
330A	56	53	54	13/16	36	123	123	3/8 X16	3/8	0	1411	5210	1411
339A	56	53	54	13/16	36	123	123	9/16X16	3/8	0	5210	1411	5210
348A	56	53	54	13/16	36	123	123	9/16X16	3/8	0	1411	5210	1511
357A	56	53	54	13/16	60	123	132	5/8 X16	3/8	0	5210	1311	5110

4-A1-238

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
403A	56	53	300	127	90	90	491	681	127	85	85	491	491	127	85	85	491	491
412A	56	53	300	128	75	75	491	491	129	70	70	491	491	129	65	65	491	491
421A	56	53	300	133	55	55	441	492	132	55	55	441	441	132	55	55	441	441
430A	56	53	300	132	60	60	441	441	132	60	60	441	441	132	60	60	441	441
439A	56	53	300	132	60	60	441	441	132	60	60	441	441	133	60	60	441	442
448A	56	53	300	129	70	70	491	491	129	75	75	491	491	128	80	80	491	491
457A	56	53	300	127	85	85	491	491	127	85	85	491	491	127	100	100	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	56	53	56	11/16	70	132	123	11/16X16	5/16	0	1013	5210	5010
412A	56	53	56	11/16	50	123	123	9/16X16	5/16	0	5210	5010	5210
421A	56	53	56	11/16	36	123	122	5/16X15	5/16	0	5210	1111	5210
430A	56	53	56	11/16	42	122	122	5/16X12	5/16	0	1111	5210	1111
439A	56	53	56	11/16	42	122	122	5/16X15	5/16	0	5210	1111	5210
448A	56	53	56	11/16	55	123	123	1/2 X16	1/4	0	5210	5010	5210
457A	56	53	56	11/16	75	123	131	5/8 X16	5/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	56	53	55	13/16	75	132	123	11/16X16	3/8	1/4	1013	5210	5010
412A	56	53	55	13/16	50	123	123	9/16X16	5/16	0	5210	5010	5210
421A	56	53	55	13/16	36	123	122	5/16X16	5/16	0	5210	1111	5210
430A	56	53	55	13/16	42	122	122	5/16X12	5/16	0	1111	5210	1111
439A	56	53	55	13/16	42	122	123	5/16X15	5/16	0	5210	1111	5210
448A	56	53	55	13/16	55	123	123	1/2 X16	5/16	0	5210	5010	5210
457A	56	53	55	13/16	75	123	131	5/8 X16	5/16	0	5010	5210	1013

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	56	53	54	13/16	70	132	123	11/16X16	3/8	1/4	1013	5210	5010
412A	56	53	54	13/16	50	123	123	9/16X16	5/16	0	5210	5010	5210
421A	56	53	54	13/16	36	123	122	5/16X16	5/16	0	5210	1111	5210
430A	56	53	54	13/16	42	122	122	5/16X13	5/16	0	1111	5210	1111
439A	56	53	54	13/16	42	122	123	5/16X16	5/16	0	5210	1111	5210
448A	56	53	54	13/16	55	123	123	9/16X16	5/16	0	5210	5010	5210
457A	56	53	54	13/16	70	123	131	5/8 X16	5/16	0	5010	5210	1013

4-A1-239

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A	56	54	210	130	85	85	681	681	533	85	85	0	0	133	75	75	681	682
300A	56	54	210	130	80	80	681	681	533	80	80	0	0	133	70	70	681	682

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	56	54	56	11/16	60	131	131	11/16X16	3/8	0	5410	5010	1313
300A	56	54	56	11/16	55	131	131	5/8 X16	3/8	0	5410	5010	1313

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	56	54	55	13/16	60	131	131	11/16X16	3/8	0	5410	5010	1313
~~300A~~	~~56~~	~~54~~	~~55~~	~~13/16~~	~~55~~	~~131~~	~~131~~	~~5/8 X16~~	~~3/8~~	~~0~~	~~5410~~	~~5010~~	~~1313~~

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

4-A1-240

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
109A 57 54	300	138	50	50	492	492	139	50	50	492	492	140	50	50	492	492
118A 57 54	300	140	46	46	492	492	140	46	46	492	492	140	45	45	492	492
127A 57 54	300	140	46	46	442	442	140	46	46	442	442	140	45	45	442	442
133A 57 54	300	141	45	45	492	492	141	45	45	492	492	141	45	45	492	492
142A 57 54	300	141	50	50	492	492	140	50	50	492	492	140	50	50	492	492
151A 57 54	300	140	55	55	492	492	139	55	55	492	492	138	55	55	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 57 54	57	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
118A 57 54	57	11/16	36	123	123	7/16X16	5/16	0	1411	5210	1411
127A 57 54	57	11/16	36	122	122	5/16X16	5/16	0	5110	1411	5210
133A 57 54	57	11/16	36	123	123	7/16X16	3/8	0	5210	1411	5110
142A 57 54	57	11/16	36	123	123	9/16X16	5/16	0	1411	5210	1411
151A 57 54	57	11/16	42	123	123	9/16X16	5/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 57 54	56	11/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
~~118A 57 54~~	~~56~~	~~11/16~~	~~36~~	~~123~~	~~123~~	~~7/16X16~~	~~5/16~~	~~0~~	~~1411~~	~~5210~~	~~1411~~
127A 57 54	56	11/16	36	122	123	3/8 X16	5/16	0	5110	1411	5210
133A 57 54	56	11/16	36	123	123	7/16X16	3/8	0	5210	1411	5110
142A 57 54	56	11/16	36	123	123	9/16X16	5/16	0	1411	5210	1411
151A 57 54	56	11/16	42	123	123	9/16X16	3/8	0	5210	1411	5210

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 57 54	55	13/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
118A 57 54	55	13/16	36	123	123	7/16X16	5/16	0	1411	5210	1411
127A 57 54	55	13/16	36	122	123	3/8 X16	5/16	0	5110	1411	5210
133A 57 54	55	13/16	36	123	123	7/16X16	3/8	0	5210	1411	5110
142A 57 54	55	13/16	36	123	123	9/16X16	3/8	0	1411	5210	1411
151A 57 54	55	13/16	42	123	123	9/16X16	3/8	0	5210	1411	5210

4-A1-241

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
209A	57	54	300	127	85	85	491	491	127	85	85	491	491	128	85	85	491	491
218A	57	54	300	132	65	65	491	491	132	65	65	441	491	132	65	65	441	491
227A	57	54	300	132	65	65	441	441	132	65	65	441	441	132	60	60	441	441
233A	57	54	300	132	60	60	441	441	132	60	60	441	441	132	60	60	441	441
242A	57	54	300	132	55	55	441	441	132	55	55	441	441	132	55	55	441	441
251A	57	54	300	128	75	75	491	491	127	75	75	491	491	127	75	75	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	57	54	57	11/16	55	123	123	9/16X16	5/16	0	5010	5210	1212
218A	57	54	57	11/16	45	123	123	3/8 X16	5/16	0	1611	5210	1111
227A	57	54	57	11/16	42	122	122	5/16X13	5/16	0	5110	1111	5210
233A	57	54	57	11/16	42	122	122	5/16X12	5/16	0	5210	1111	5110
242A	57	54	57	11/16	36	122	122	5/16X15	5/16	0	1111	5210	1611
251A	57	54	57	11/16	50	123	123	1/2 X16	1/4	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	57	54	56	11/16	60	123	123	9/16X16	5/16	0	5010	5210	1212
218A	57	54	56	11/16	45	123	123	3/8 X16	5/16	0	1611	5210	1111
227A	57	54	56	11/16	42	122	122	5/16X13	5/16	0	5110	1111	5210
233A	57	54	56	11/16	42	122	122	5/16X12	5/16	0	5210	1111	5110
242A	57	54	56	11/16	36	122	123	5/16X15	5/16	0	1111	5210	1611
251A	57	54	56	11/16	50	123	125	1/2 X16	1/4	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A	57	54	55	13/16	60	123	123	9/16X16	5/16	0	5010	5210	1212
218A	57	54	55	13/16	45	123	123	3/8 X16	5/16	0	1611	5210	1111
227A	57	54	55	13/16	42	122	122	5/16X13	5/16	0	5110	1111	5210
233A	57	54	55	13/16	42	122	122	5/16X13	5/16	0	5210	1111	5110
242A	57	54	55	13/16	42	122	123	5/16X16	5/16	0	1111	5210	1611
251A	57	54	55	13/16	50	123	123	1/2 X16	1/4	0	1212	5210	5010

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

4-A1-242

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
309A	57	54	300	138	50	50	492	492	139	50	50	492	492	140	50	50	492	492
318A	57	54	300	140	50	50	492	492	140	50	50	492	492	140	50	50	492	492
327A	57	54	300	140	50	50	442	442	140	50	50	442	442	140	50	50	442	442
333A	57	54	300	141	50	50	492	492	141	50	50	492	492	141	55	55	492	492
342A	57	54	300	141	55	55	492	492	140	55	55	492	492	140	55	55	492	492
351A	57	54	300	140	55	55	492	492	139	55	55	492	492	138	55	55	492	492

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	57	54	57	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
318A	57	54	57	11/16	36	123	123	3/8 X16	5/16	0	1411	5210	1411
327A	57	54	57	11/16	36	122	122	5/16X16	5/16	0	5110	1411	5210
333A	57	54	57	11/16	42	123	123	7/16X16	3/8	0	5210	1411	5110
342A	57	54	57	11/16	42	123	123	9/16X16	5/16	0	1411	5210	1411
351A	57	54	57	11/16	42	123	123	9/16X16	5/16	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	57	54	56	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
318A	57	54	56	11/16	36	123	123	7/16X16	5/16	0	1411	5210	1411
327A	57	54	56	11/16	36	122	122	5/16X15	5/16	0	5110	1411	5210
333A	57	54	56	11/16	42	123	123	7/16X16	3/8	0	5210	1411	5110
342A	57	54	56	11/16	42	123	123	9/16X16	5/16	0	1411	5210	1411
351A	57	54	56	11/16	42	123	123	9/16X16	5/16	0	5210	1411	5210

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309A	57	54	55	13/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
318A	57	54	55	13/16	36	123	123	7/16X16	5/16	0	1411	5210	1411
327A	57	54	55	13/16	36	122	122	5/16X16	5/16	0	5110	1411	5210
333A	57	54	55	13/16	36	123	123	7/16X16	3/8	0	5210	1411	5110
342A	57	54	55	13/16	36	123	123	9/16X16	5/16	0	1411	5210	1411
351A	57	54	55	13/16	36	123	123	9/16X16	3/8	0	5210	1411	5210

4-A1-243

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
409A	57	54	300	127	75	75	491	491	127	75	75	491	491	128	75	75	491	491
418A	57	54	300	132	55	55	491	491	132	55	55	441	491	132	55	55	441	491
427A	57	54	300	132	60	60	441	441	132	60	60	441	441	132	60	60	441	441
433A	57	54	300	132	60	60	441	441	132	60	60	441	441	132	60	60	441	441
442A	57	54	300	132	65	65	441	491	132	65	65	441	491	132	65	65	441	491
451A	57	54	300	128	80	80	491	491	127	80	80	491	491	127	80	80	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	57	54	57	11/16	55	123	123	9/16X16	5/16	0	5010	5210	1212
418A	57	54	57	11/16	36	123	123	3/8 X16	5/16	0	1611	5210	1111
427A	57	54	57	11/16	42	122	122	5/16X13	5/16	0	5110	1111	5210
433A	57	54	57	11/16	42	122	122	5/16X13	5/16	0	5210	1111	5110
442A	57	54	57	11/16	42	122	123	5/16X16	5/16	0	1111	5210	1611
451A	57	54	57	11/16	55	123	123	1/2 X16	1/4	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	57	54	56	11/16	55	123	123	9/16X16	5/16	0	5010	5210	1212
418A	57	54	56	11/16	36	123	123	3/8 X16	5/16	0	1611	5210	1111
427A	57	54	56	11/16	42	122	122	5/16X13	5/16	0	5110	1111	5210
433A	57	54	56	11/16	42	122	122	5/16X13	5/16	0	5210	1111	5110
442A	57	54	56	11/16	42	122	123	5/16X16	5/16	0	1111	5210	1611
451A	57	54	56	11/16	55	123	123	1/2 X16	5/16	0	1212	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409A	57	54	55	13/16	55	123	123	9/16X16	5/16	0	5010	5210	1212
418A	57	54	55	13/16	42	123	123	3/8 X16	5/16	0	1611	5210	1111
427A	57	54	55	13/16	42	122	122	5/16X13	5/16	0	5110	1111	5210
433A	57	54	55	13/16	42	122	122	5/16X13	5/16	0	5210	1111	5110
442A	57	54	55	13/16	42	123	123	3/8 X16	5/16	0	1111	5210	1611
451A	57	54	55	13/16	55	123	123	1/2 X16	5/16	0	1212	5210	5010

4-A1-244

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A 57	55	210	132	80	80	681	681	532	100	100	0	0	130	100	100	681	681
400A 57	55	210	132	75	75	681	681	532	85	85	0	0	130	85	85	681	681

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 57	55	57	11/16	65	132	132	3/4 X16	3/8	0	1313	5010	5610
400A 57	55	57	11/16	60	132	132	3/4 X16	3/8	0	1313	5010	5610

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 57	55	56	11/16	60	132	132	3/4 X16	7/16	0	1313	5010	5610
400A 57	55	56	11/16	60	132	132	3/4 X16	3/8	0	1313	5010	5610

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

4-A1-245

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106A	58	55	300	135	55	55	492	492	136	55	55	492	492	137	55	55	492	492
115A	58	55	300	139	50	50	492	492	139	50	50	492	492	139	46	46	492	492
124A	58	55	300	139	46	46	442	492	139	46	46	442	442	139	46	46	442	442
136A	58	55	300	141	45	45	492	492	141	45	45	492	492	141	45	45	492	492
145A	58	55	300	139	50	50	492	492	139	50	50	492	492	139	55	55	492	492
154A	58	55	300	137	60	60	492	492	136	60	60	492	492	135	60	60	492	492

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	58	55	58	11/16	42	123	123	7/16X16	5/16	0	1311	5110	1411
115A	58	55	58	11/16	36	123	123	7/16X16	5/16	0	5110	1411	5110
124A	58	55	58	11/16	36	123	122	3/8 X16	5/16	0	1411	5110	1411
136A	58	55	58	11/16	36	123	123	1/2 X16	3/8	0	1411	5110	1411
145A	58	55	58	11/16	42	123	123	9/16X16	5/16	0	5110	1411	5110
154A	58	55	58	11/16	42	123	123	1/2 X16	5/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	58	55	57	11/16	42	123	123	7/16X16	5/16	0	1311	5110	1411
115A	58	55	57	11/16	36	123	123	7/16X16	5/16	0	5110	1411	5110
124A	58	55	57	11/16	36	123	122	3/8 X16	5/16	0	1411	5110	1411
136A	58	55	57	11/16	36	123	123	1/2 X16	3/8	0	1411	5110	1411
145A	58	55	57	11/16	36	123	123	9/16X16	5/16	0	5110	1411	5110
154A	58	55	57	11/16	42	123	123	1/2 X16	5/16	0	1411	5110	1311

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	58	55	56	11/16	42	123	123	7/16X16	5/16	0	1311	5110	1411
115A	58	55	56	11/16	36	123	123	7/16X16	5/16	0	5110	1411	5110
124A	58	55	56	11/16	36	123	122	3/8 X16	5/16	0	1411	5110	1411
136A	58	55	56	11/16	36	123	123	1/2 X16	3/8	0	1411	5110	1411
145A	58	55	56	11/16	42	123	123	9/16X16	3/8	0	5110	1411	5110
154A	58	55	56	11/16	42	123	123	9/16X16	5/16	0	1411	5110	1311

4-A1-246

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206A	58 55	300	127	90	90	491	491	127	90	90	491	491	127	85	85	491	491
215A	58 55	300	129	75	75	491	491	131	70	70	491	491	132	65	65	491	491
224A	58 55	300	131	65	65	441	441	131	65	65	441	441	131	65	65	441	441
236A	58 55	300	131	55	55	441	441	131	55	55	441	441	131	55	55	441	441
245A	58 55	300	132	55	55	441	491	131	60	60	441	491	129	65	65	441	491
254A	58 55	300	127	75	75	491	491	127	80	80	491	491	127	80	80	491	491

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	58 55	58	11/16	60	123	123	9/16X16	5/16	0	5110	1212	5110
215A	58 55	58	11/16	50	123	123	3/8 X16	5/16	0	1212	5510	5110
224A	58 55	58	11/16	42	122	122	5/16X14	5/16	0	1111	5110	1111
236A	58 55	58	11/16	42	122	122	5/16X13	5/16	0	1111	5110	1111
245A	58 55	58	11/16	42	122	123	5/16X15	5/16	0	5110	5310	1212
254A	58 55	58	11/16	55	123	123	1/2 X16	1/4	0	5110	1212	5110

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	58 55	57	11/16	60	123	123	9/16X16	5/16	0	5110	1212	5110
215A	58 55	57	11/16	50	123	123	3/8 X16	5/16	0	1212	5510	5110
224A	58 55	57	11/16	45	122	122	5/16X14	5/16	0	1111	5110	1111
236A	58 55	57	11/16	42	122	122	5/16X13	5/16	0	1111	5110	1111
245A	58 55	57	11/16	42	122	123	5/16X15	5/16	0	5110	5310	1212
254A	58 55	57	11/16	55	123	123	1/2 X16	1/4	0	5110	1212	5110

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

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	58 55	56	11/16	60	123	123	9/16X16	5/16	0	5110	1212	5110
215A	58 55	56	11/16	50	123	123	3/8 X16	5/16	0	1212	5510	5110
224A	58 55	56	11/16	45	122	122	5/16X14	5/16	0	1111	5110	1111
236A	58 55	56	11/16	42	122	122	5/16X13	5/16	0	1111	5110	1111
245A	58 55	56	11/16	42	123	123	5/16X16	5/16	0	5110	5310	1212
254A	58 55	56	11/16	50	123	123	1/2 X16	1/4	0	5110	1212	5110

4-A1-247

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306A 58 55	300	135	55	55	492	492	136	55	55	492	492	137	55	55	492	492
315A 58 55	300	139	50	50	492	492	139	50	50	492	492	139	50	50	492	492
324A 58 55	300	139	50	50	442	442	139	50	50	442	442	139	50	50	442	442
336A 58 55	300	141	55	55	492	492	141	55	55	492	492	141	55	55	492	492
345A 58 55	300	139	55	55	492	492	139	55	55	492	492	139	55	55	492	492
354A 58 55	300	137	55	55	492	492	136	60	60	492	492	135	55	55	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 58 55	58	11/16	36	123	123	7/16X16	5/16	0	1311	5110	1411
315A 58 55	58	11/16	36	123	123	7/16X16	5/16	0	5110	1411	5110
324A 58 55	58	11/16	36	122	122	5/16X15	5/16	0	1411	5110	1411
336A 58 55	58	11/16	36	123	123	7/16X16	3/8	0	1411	5110	1411
345A 58 55	58	11/16	42	123	123	1/2 X16	5/16	0	5110	1411	5110
354A 58 55	58	11/16	42	123	123	1/2 X16	5/16	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 58 55	57	11/16	36	123	123	7/16X16	5/16	0	1311	5110	1411
315A 58 55	57	11/16	36	123	123	7/16X16	5/16	0	5110	1411	5110
324A 58 55	57	11/16	36	122	122	5/16X16	5/16	0	1411	5110	1411
336A 58 55	57	11/16	42	123	123	1/2 X16	3/8	0	1411	5110	1411
345A 58 55	57	11/16	42	123	123	9/16X16	5/16	0	5110	1411	5110
354A 58 55	57	11/16	42	123	123	1/2 X16	5/16	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 58 55	56	11/16	36	123	123	7/16X16	5/16	0	1311	5110	1411
315A 58 55	56	11/16	36	123	123	7/16X16	5/16	0	5110	1411	5110
324A 58 55	56	11/16	36	123	122	3/8 X16	5/16	0	1411	5110	1411
336A 58 55	56	11/16	42	123	123	1/2 X16	3/8	0	1411	5110	1411
345A 58 55	56	11/16	42	123	123	9/16X16	5/16	0	5110	1411	5110
354A 58 55	56	11/16	42	123	123	1/2 X16	5/16	0	1411	5110	1311

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406A 58 55	300	127	80	80	491	491	127	80	80	491	491	127	80	80	491	491
415A 58 55	300	129	65	65	491	491	131	60	60	491	491	132	60	60	491	491
424A 58 55	300	131	55	55	441	441	131	55	55	441	441	131	60	60	441	441
436A 58 55	300	131	65	65	441	441	131	65	65	441	441	131	65	65	441	441
445A 58 55	300	132	65	65	441	491	131	70	70	441	491	129	70	70	491	491
454A 58 55	300	127	85	85	491	491	127	85	85	491	491	127	85	85	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A 58 55	58	11/16	55	123	123	9/16X16	5/16	0	5110	1212	5110
415A 58 55	58	11/16	42	123	123	3/8 X16	5/16	0	1212	5510	5110
424A 58 55	58	11/16	42	122	122	5/16X14	5/16	0	1111	5110	1111
436A 58 55	58	11/16	42	122	122	5/16X14	5/16	0	1111	5110	1111
445A 58 55	58	11/16	50	123	123	5/16X16	5/16	0	5110	5310	1212
454A 58 55	58	11/16	60	123	123	1/2 X16	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A 58 55	57	11/16	55	123	123	9/16X16	5/16	0	5110	1212	5110
415A 58 55	57	11/16	45	123	123	3/8 X16	5/16	0	1212	5510	5110
~~424A 58 55~~	~~57~~	~~11/16~~	~~42~~	~~122~~	~~122~~	~~5/16X14~~	~~5/16~~	~~0~~	~~1111~~	~~5110~~	~~1111~~
436A 58 55	57	11/16	42	122	122	5/16X14	5/16	0	1111	5110	1111
445A 58 55	57	11/16	50	123	123	3/8 X16	5/16	0	5110	5310	1212
454A 58 55	57	11/16	60	123	123	1/2 X16	5/16	0	5110	1212	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A 58 55	56	11/16	55	123	123	9/16X16	5/16	0	5110	1212	5110
415A 58 55	56	11/16	45	123	123	3/8 X16	5/16	0	1212	5510	5110
424A 58 55	56	11/16	42	122	122	5/16X14	5/16	0	1111	5110	1111
436A 58 55	56	11/16	42	122	122	5/16X14	5/16	0	1111	5110	1111
445A 58 55	56	11/16	50	123	123	3/8 X16	5/16	0	5110	5310	1212
454A 58 55	56	11/16	55	123	123	1/2 X16	5/16	0	5110	1212	5110

4-A1-249

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A 58	56	210	129	90	90	681	681	532	90	90	0	0	132	75	75	681	681
300A 58	56	210	129	85	85	491	681	532	85	85	0	0	132	70	70	491	681

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 58	56	58	11/16	60	131	131	5/8 X16	3/8	0	5410	5010	1313
300A 58	56	58	11/16	55	131	131	9/16X16	3/8	0	5410	5010	1313

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A 58	56	57	11/16	60	131	131	5/8 X16	3/8	0	5410	5010	1313
300A 58	56	57	11/16	60	131	131	5/8 X16	3/8	0	5410	5010	1313

4-A1-250

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER

TITLE: EXTERIOR WALL PANEL SCHEDULE

DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A 59 56	300	129	75	75	491	491	132	65	65	491	491	133	60	60	491	492
112A 59 56	300	139	50	50	492	492	139	50	50	492	492	139	50	50	492	492
121A 59 56	300	139	45	45	492	492	139	45	45	442	492	139	46	46	442	492
130A 59 56	300	140	45	45	442	442	140	45	45	442	442	140	45	45	442	492
139A 59 56	300	140	46	46	492	492	140	46	46	492	492	140	50	50	492	492
148A 59 56	300	139	55	55	492	492	139	55	55	492	492	139	55	55	492	492
157A 59 56	300	133	65	65	491	492	132	70	70	491	491	129	80	80	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 59 56	59	11/16	60	131	123	1/2 X16	5/16	0	5110	2310	5210
112A 59 56	59	11/16	36	123	123	7/16X16	5/16	0	2510	5210	2410
121A 59 56	59	11/16	36	123	122	3/8 X16	5/16	0	5210	2410	5210
130A 59 56	59	11/16	36	122	123	3/8 X16	5/16	0	2410	5210	2410
139A 59 56	59	11/16	36	123	123	1/2 X16	5/16	0	5210	2410	5210
148A 59 56	59	11/16	42	123	123	9/16X16	5/16	0	2410	5210	2510
157A 59 56	59	11/16	60	123	132	9/16X16	3/8	0	5210	2310	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 59 56	58	11/16	60	131	123	1/2 X16	5/16	0	5110	1311	5210
112A 59 56	58	11/16	36	123	123	7/16X16	5/16	0	1511	5210	1411
121A 59 56	58	11/16	36	123	123	3/8 X16	5/16	0	5210	1411	5210
130A 59 56	58	11/16	36	122	123	3/8 X16	5/16	0	1411	5210	1411
139A 59 56	58	11/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
148A 59 56	58	11/16	42	123	123	9/16X16	5/16	0	1411	5210	1511
157A 59 56	58	11/16	65	123	132	9/16X16	3/8	0	5210	1311	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 59 56	57	11/16	60	131	123	1/2 X16	5/16	0	5110	1311	5210
112A 59 56	57	11/16	36	123	123	7/16X16	5/16	0	1511	5210	1411
121A 59 56	57	11/16	36	123	123	3/8 X16	5/16	0	5210	1411	5210
130A 59 56	57	11/16	36	122	123	3/8 X16	5/16	0	1411	5210	1411
139A 59 56	57	11/16	36	123	123	1/2 X16	5/16	0	5210	1411	5210
148A 59 56	57	11/16	42	123	123	9/16X16	5/16	0	1411	5210	1511
157A 59 56	57	11/16	65	123	132	9/16X16	3/8	0	5210	1311	5110

4-A1-251

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A	59	56	300	126	100	100	491	491	126	90	90	491	491	126	90	90	491	491
212A	59	56	300	127	80	80	491	491	128	80	80	491	491	129	75	75	491	491
221A	59	56	300	132	60	60	441	441	132	65	65	441	441	132	65	65	441	441
230A	59	56	300	131	60	60	431	441	131	60	60	431	441	131	60	60	431	441
239A	59	56	300	132	55	55	441	441	132	55	55	441	441	132	50	50	441	441
248A	59	56	300	129	65	65	441	491	128	70	70	441	491	127	70	70	441	491
257A	59	56	300	126	80	80	491	491	126	80	80	491	491	126	90	90	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	59	56	59	11/16	80	132	123	5/8 X16	5/16	0	2010	5210	5010
212A	59	56	59	11/16	55	123	123	1/2 X16	5/16	0	5210	5010	5210
221A	59	56	59	11/16	45	122	122	5/16X15	5/16	0	5210	2110	5210
230A	59	56	59	11/16	42	122	122	5/16X11	5/16	0	2110	5210	2110
239A	59	56	59	11/16	36	122	122	5/16X13	5/16	0	5210	2110	5210
248A	59	56	59	11/16	50	123	123	7/16X16	1/4	0	5210	5010	5210
257A	59	56	59	11/16	70	123	131	9/16X16	5/16	0	5010	5210	2010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	59	56	58	11/16	75	132	123	11/16X16	5/16	0	1013	5210	5010
212A	59	56	58	11/16	55	123	123	1/2 X16	5/16	0	5210	5010	5210
221A	59	56	58	11/16	45	123	122	5/16X15	5/16	0	5210	1111	5210
230A	59	56	58	11/16	42	122	122	5/16X11	5/16	0	1111	5210	1111
239A	59	56	58	11/16	36	122	122	5/16X14	5/16	0	5210	1111	5210
248A	59	56	58	11/16	50	123	123	7/16X16	1/4	0	5210	5010	5210
257A	59	56	58	11/16	65	123	131	9/16X16	5/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A	59	56	57	11/16	75	132	123	11/16X16	5/16	0	1013	5210	5010
212A	59	56	57	11/16	55	123	123	9/16X16	5/16	0	5210	5010	5210
221A	59	56	57	11/16	42	123	122	5/16X15	5/16	0	5210	1111	5210
230A	59	56	57	11/16	42	122	122	5/16X12	5/16	0	1111	5210	1111
239A	59	56	57	11/16	36	122	122	5/16X14	5/16	0	5210	1111	5210
248A	59	56	57	11/16	50	123	123	7/16X16	1/4	0	5210	5010	5210
257A	59	56	57	11/16	70	123	131	9/16X16	5/16	0	5010	5210	1013

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

4-A1-252

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A	59	56	300	129	75	75	491	491	132	60	60	491	491	133	60	60	491	492
312A	59	56	300	139	50	50	492	492	139	50	50	492	492	139	50	50	492	492
321A	59	56	300	139	50	50	442	492	139	50	50	442	442	139	50	50	442	442
330A	59	56	300	140	50	50	442	442	140	50	50	442	442	140	50	50	442	492
339A	59	56	300	140	55	55	492	492	140	55	55	492	492	140	55	55	492	492
348A	59	56	300	139	55	55	492	492	139	55	55	492	492	139	55	55	492	492
357A	59	56	300	133	60	60	491	492	132	65	65	491	491	129	75	75	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A	59	56	59	11/16	55	131	123	7/16X16	5/16	0	5110	2310	5210
312A	59	56	59	11/16	36	123	123	7/16X16	5/16	0	2510	5210	2410
321A	59	56	59	11/16	36	123	122	3/8 X16	5/16	0	5210	2410	5210
330A	59	56	59	11/16	36	122	123	3/8 X16	5/16	0	2410	5210	2410
339A	59	56	59	11/16	42	123	123	1/2 X16	5/16	0	5210	2410	5210
348A	59	56	59	11/16	42	123	123	1/2 X16	5/16	0	2410	5210	2510
357A	59	56	59	11/16	60	123	132	9/16X16	5/16	0	5210	2310	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A	59	56	58	11/16	55	131	123	7/16X16	5/16	0	5110	1311	5210
312A	59	56	58	11/16	36	123	123	7/16X16	5/16	0	1511	5210	1411
321A	59	56	58	11/16	36	123	122	3/8 X16	5/16	0	5210	1411	5210
330A	59	56	58	11/16	36	122	123	3/8 X16	5/16	0	1411	5210	1411
339A	59	56	58	11/16	42	123	123	1/2 X16	5/16	0	5210	1411	5210
348A	59	56	58	11/16	42	123	123	9/16X16	5/16	0	1411	5210	1511
357A	59	56	58	11/16	60	123	132	9/16X16	3/8	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTS JR — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A	59	56	57	11/16	60	131	123	1/2 X16	5/16	0	5110	1311	5210
312A	59	56	57	11/16	36	123	123	7/16X16	5/16	0	1511	5210	1411
321A	59	56	57	11/16	36	123	122	3/8 X16	5/16	0	5210	1411	5210
330A	59	56	57	11/16	36	122	123	3/8 X16	5/16	0	1411	5210	1411
339A	59	56	57	11/16	42	123	123	1/2 X16	5/16	0	5210	1411	5210
348A	59	56	57	11/16	42	123	123	9/16X16	5/16	0	1411	5210	1511
357A	59	56	57	11/16	60	123	132	9/16X16	3/8	0	5210	1311	5110

4-A1-253

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
403A	59	56	300	126	100	100	491	491	126	85	85	491	491	126	80	80	491	491
412A	59	56	300	127	75	75	491	491	128	75	75	491	491	129	70	70	491	491
421A	59	56	300	132	55	55	441	441	132	55	55	441	441	132	55	55	441	441
430A	59	56	300	131	60	60	431	441	131	60	60	431	441	131	60	60	441	441
439A	59	56	300	132	65	65	441	441	132	65	65	441	441	132	60	60	441	441
448A	59	56	300	129	75	75	491	491	128	80	80	491	491	127	80	80	491	491
457A	59	56	300	126	85	85	491	491	126	85	85	491	491	126	100	100	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	59	56	59	11/16	75	132	123	5/8 X16	5/16	0	2010	5210	5010
412A	59	56	59	11/16	50	123	123	1/2 X16	1/4	0	5210	5010	5210
421A	59	56	59	11/16	42	122	122	5/16X14	5/16	0	5210	2110	5210
430A	59	56	59	11/16	42	122	122	5/16X12	5/16	0	2110	5210	2110
439A	59	56	59	11/16	42	122	122	5/16X14	5/16	0	5210	2110	5210
448A	59	56	59	11/16	55	123	123	1/2 X16	1/4	0	5210	5010	5210
457A	59	56	59	11/16	75	123	131	9/16X16	5/16	0	5010	5210	2010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	59	56	58	11/16	70	132	123	5/8 X16	5/16	0	1013	5210	5010
412A	59	56	58	11/16	50	123	123	1/2 X16	5/16	0	5210	5010	5210
421A	59	56	58	11/16	42	122	122	5/16X15	5/16	0	5210	1111	5210
430A	59	56	58	11/16	42	122	122	5/16X12	5/16	0	1111	5210	1111
439A	59	56	58	11/16	42	122	122	5/16X15	5/16	0	5210	1111	5210
448A	59	56	58	11/16	55	123	123	1/2 X16	1/4	0	5210	5010	5210
457A	59	56	58	11/16	70	123	131	5/8 X16	5/16	0	5010	5210	1013

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403A	59	56	57	11/16	70	132	123	11/16X16	5/16	0	1013	5210	5010
412A	59	56	57	11/16	50	123	123	1/2 X16	5/16	0	5210	5010	5210
421A	59	56	57	11/16	36	123	122	5/16X15	5/16	0	5210	1111	5210
430A	59	56	57	11/16	42	122	122	5/16X12	5/16	0	1111	5210	1111
439A	59	56	57	11/16	42	122	122	5/16X15	5/16	0	5210	1111	5210
448A	59	56	57	11/16	55	123	123	1/2 X16	1/4	0	5210	5010	5210
457A	59	56	57	11/16	75	123	131	5/8 X16	5/16	0	5010	5210	1013

4-A1-254

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200A 59 57	210	132	80	80	681	681	532	90	90	0	0	129	90	90	681	681
400A 59 57	210	132	75	75	681	681	532	85	85	0	0	129	85	85	681	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 59 57	59	11/16	65	132	132	11/16X16	3/8	0	2310	5010	5610
400A 59 57	59	11/16	60	132	132	11/16X16	3/8	0	2310	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 59 57	58	11/16	65	132	132	11/16X16	3/8	0	1313	5010	5610
400A 59 57	58	11/16	60	132	132	11/16X16	3/8	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF N.Y.

4-A1-255

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
109A	60	57	300	137	55	55	492	492	138	50	50	492	492	138	50	50	492	492
118A	60	57	300	138	46	46	492	492	138	46	46	492	492	138	46	46	492	492
127A	60	57	300	138	46	46	442	442	138	46	46	442	442	139	45	45	442	442
133A	60	57	300	140	45	45	492	492	140	45	45	492	492	140	45	45	492	492
142A	60	57	300	139	50	50	492	492	139	50	50	492	492	138	50	50	492	492
151A	60	57	300	138	55	55	492	492	138	55	55	492	492	137	55	55	492	492

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	60	57	60	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
118A	60	57	60	11/16	36	123	123	3/8 X16	5/16	0	1411	5210	1411
127A	60	57	60	11/16	36	122	122	5/16X15	5/16	0	5110	1411	5210
133A	60	57	60	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5110
142A	60	57	60	11/16	36	123	123	1/2 X16	5/16	0	1411	5210	1411
151A	60	57	60	11/16	42	123	123	1/2 X16	5/16	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	60	57	59	11/16	36	123	123	7/16X16	5/16	0	5210	2410	5210
118A	60	57	59	11/16	36	123	123	3/8 X16	5/16	0	2410	5210	2410
127A	60	57	59	11/16	36	122	122	5/16X15	5/16	0	5110	2410	5210
133A	60	57	59	11/16	36	123	123	7/16X16	5/16	0	5210	2410	5110
142A	60	57	59	11/16	36	123	123	1/2 X16	5/16	0	2410	5210	2410
151A	60	57	59	11/16	42	123	123	1/2 X16	5/16	0	5210	2410	5210

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	60	57	58	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
118A	60	57	58	11/16	36	123	123	3/8 X16	5/16	0	1411	5210	1411
127A	60	57	58	11/16	36	122	122	5/16X15	5/16	0	5110	1411	5210
133A	60	57	58	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5110
142A	60	57	58	11/16	36	123	123	1/2 X16	5/16	0	1411	5210	1411
151A	60	57	58	11/16	42	123	123	9/16X16	5/16	0	5210	1411	5210

4-A1-256

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
209A	60	57	300	126	85	85	491	491	126	85	85	491	491	127	85	85	491	491
218A	60	57	300	132	65	65	441	491	132	65	65	441	441	132	65	65	441	441
227A	60	57	300	131	65	65	441	441	131	65	65	431	441	131	60	60	431	441
233A	60	57	300	131	60	60	431	441	131	60	60	431	441	131	60	60	431	441
242A	60	57	300	132	55	55	441	441	132	55	55	441	441	132	55	55	441	441
251A	60	57	300	127	75	75	441	491	126	75	75	441	491	126	75	75	441	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
209A	60	57	60	11/16	60	123	123	1/2 X16	5/16	0	5010	5210	1212
218A	60	57	60	11/16	45	123	122	5/16X16	5/16	0	1611	5210	1111
227A	60	57	60	11/16	42	122	122	5/16X12	5/16	0	5110	1111	5210
233A	60	57	60	11/16	42	122	122	5/16X11	5/16	0	5210	1111	5110
242A	60	57	60	11/16	42	122	122	5/16X14	5/16	0	1111	5210	1611
251A	60	57	60	11/16	50	123	123	7/16X16	1/4	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
209A	60	57	59	11/16	60	123	123	1/2 X16	5/16	0	5010	5210	2210
218A	60	57	59	11/16	42	123	122	5/16X16	5/16	0	2610	5210	2110
227A	60	57	59	11/16	42	122	122	5/16X12	5/16	0	5110	2110	5210
233A	60	57	59	11/16	42	122	122	5/16X12	5/16	0	5210	2110	5110
242A	60	57	59	11/16	36	122	122	5/16X14	5/16	0	2110	5210	2610
251A	60	57	59	11/16	55	123	123	7/16X16	1/4	0	2210	5210	5010

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
209A	60	57	58	11/16	60	123	123	9/16X16	5/16	0	5010	5210	1212
218A	60	57	58	11/16	42	123	123	3/8 X16	5/16	0	1611	5210	1111
227A	60	57	58	11/16	42	122	122	5/16X13	5/16	0	5110	1111	5210
233A	60	57	58	11/16	42	122	122	5/16X12	5/16	0	5210	1111	5110
242A	60	57	58	11/16	36	122	122	5/16X15	5/16	0	1111	5210	1611
251A	60	57	58	11/16	55	123	123	7/16X16	1/4	0	1212	5210	5010

4-A1-257

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309A 60 57	300	137	55	55	492	492	138	50	50	492	492	138	50	50	492	492
318A 60 57	300	138	50	50	442	492	138	50	50	442	492	138	50	50	442	492
327A 60 57	300	138	50	50	442	442	138	50	50	442	442	139	50	50	442	442
333A 60 57	300	140	50	50	442	492	140	50	50	442	492	140	55	55	492	492
342A 60 57	300	139	55	55	492	492	139	55	55	492	492	138	55	55	492	492
351A 60 57	300	138	55	55	492	492	138	55	55	492	492	137	55	55	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A 60 57	60	11/16	36	123	123	3/8 X16	5/16	0	5210	1411	5210
318A 60 57	60	11/16	36	123	122	3/8 X16	5/16	0	1411	5210	1411
327A 60 57	60	11/16	36	122	122	5/16X14	5/16	0	5110	1411	5210
333A 60 57	60	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5110
342A 60 57	60	11/16	42	123	123	1/2 X16	5/16	0	1411	5210	1411
351A 60 57	60	11/16	42	123	123	1/2 X16	5/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A 60 57	59	11/16	36	123	123	7/16X16	5/16	0	5210	2410	5210
318A 60 57	59	11/16	36	123	123	3/8 X16	5/16	0	2410	5210	2410
327A 60 57	59	11/16	36	122	122	5/16X15	5/16	0	5110	2410	5210
333A 60 57	59	11/16	42	123	123	7/16X16	5/16	0	5210	2410	5110
342A 60 57	59	11/16	42	123	123	1/2 X16	5/16	0	2410	5210	2410
351A 60 57	59	11/16	42	123	123	1/2 X16	5/16	0	5210	2410	5210

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309A 60 57	58	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
318A 60 57	58	11/16	36	123	123	3/8 X16	5/16	0	1411	5210	1411
327A 60 57	58	11/16	36	122	122	5/16X15	5/16	0	5110	1411	5210
333A 60 57	58	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5110
342A 60 57	58	11/16	42	123	123	1/2 X16	5/16	0	1411	5210	1411
351A 60 57	58	11/16	42	123	123	1/2 X16	5/16	0	5210	1411	5210

4-A1-258

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
409A 60 57	300	126	80	80	491	491	126	80	80	491	491	127	80	80	491	491
418A 60 57	300	132	55	55	441	491	132	55	55	441	441	132	55	55	441	441
427A 60 57	300	131	60	60	441	441	131	60	60	431	441	131	60	60	431	441
433A 60 57	300	131	60	60	441	441	131	60	60	441	441	131	65	65	441	441
442A 60 57	300	132	65	65	441	441	132	65	65	441	441	132	65	65	441	441
451A 60 57	300	127	80	80	491	491	126	85	85	491	491	126	85	85	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A 60 57	60	11/16	55	123	123	1/2 X16	5/16	0	5010	5210	1212
418A 60 57	60	11/16	42	123	122	5/16X15	5/16	0	1611	5210	1111
427A 60 57	60	11/16	42	122	122	5/16X12	5/16	0	5110	1111	5210
433A 60 57	60	11/16	42	122	122	5/16X12	5/16	0	5210	1111	5110
442A 60 57	60	11/16	45	122	122	5/16X15	5/16	0	1111	5210	1611
451A 60 57	60	11/16	55	123	123	7/16X16	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A 60 57	59	11/16	55	123	123	1/2 X16	5/16	0	5010	5210	2210
418A 60 57	59	11/16	36	123	122	5/16X16	5/16	0	2610	5210	2110
~~427A 60 57~~	~~59~~	~~11/16~~	~~42~~	~~122~~	~~122~~	~~5/16X12~~	~~5/16~~	~~0~~	~~5110~~	~~2110~~	~~5210~~
433A 60 57	59	11/16	42	122	122	5/16X12	5/16	0	5210	2110	5110
442A 60 57	59	11/16	42	122	123	5/16X15	5/16	0	2110	5210	2610
451A 60 57	59	11/16	55	123	123	1/2 X16	1/4	0	2210	5210	5010

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A 60 57	58	11/16	55	123	123	1/2 X16	5/16	0	5010	5210	1212
418A 60 57	58	11/16	36	123	122	3/8 X16	5/16	0	1611	5210	1111
427A 60 57	58	11/16	42	122	122	5/16X12	5/16	0	5110	1111	5210
433A 60 57	58	11/16	42	122	122	5/16X13	5/16	0	5210	1111	5110
442A 60 57	58	11/16	42	122	123	5/16X16	5/16	0	1111	5210	1611
451A 60 57	58	11/16	60	123	123	1/2 X16	1/4	0	1212	5210	5010

4-A1-259

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A	60	58	210	129	85	85	491	681	532	85	85	0	0	132	75	75	491	681
300A	60	58	210	129	80	80	491	491	532	80	80	0	0	132	70	70	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	60	58	60	11/16	60	131	131	9/16X16	3/8	0	5410	5010	1313
300A	60	58	60	11/16	55	131	131	9/16X16	3/8	0	5410	5010	1313

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	60	58	59	11/16	60	131	131	5/8 X16	3/8	0	5410	5010	2310
300A	60	58	59	11/16	55	131	131	9/16X16	3/8	0	5410	5010	2310

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

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106A	61	58	300	134	55	55	492	492	135	55	55	492	492	135	55	55	492	492
115A	61	58	300	138	46	46	492	492	138	46	46	492	492	138	46	46	492	492
124A	61	58	300	138	45	45	442	442	138	45	45	442	442	138	45	45	442	442
136A	61	58	300	139	45	45	492	492	139	45	45	492	492	139	46	46	492	492
145A	61	58	300	138	50	50	492	492	138	50	50	492	492	138	50	50	492	492
154A	61	58	300	135	60	60	492	492	135	60	60	492	492	134	60	60	492	492

PANEL NUMBER			FLOUR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
106A	61	58	61	11/16	42	123	123	7/16X16	5/16	0	1311	5110	1411
115A	61	58	61	11/16	36	123	123	3/8 X16	5/16	0	5110	1411	5110
124A	61	58	61	11/16	36	122	122	5/16X15	5/16	0	1411	5110	1411
136A	61	58	61	11/16	36	123	123	7/16X16	5/16	0	1411	5110	1411
145A	61	58	61	11/16	36	123	123	1/2 X16	5/16	0	5110	1411	5110
154A	61	58	61	11/16	42	123	123	1/2 X16	5/16	0	1411	5110	1311

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

PANEL NUMBER			FLOUR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
106A	61	58	60	11/16	42	123	123	7/16X16	5/16	0	1311	5110	1411
115A	61	58	60	11/16	36	123	123	7/16X16	5/16	0	5110	1411	5110
~~124A~~	~~61~~	~~58~~	~~60~~	~~11/16~~	~~36~~	~~122~~	~~122~~	~~5/16X15~~	~~5/16~~	~~0~~	~~1411~~	~~5110~~	~~1411~~
136A	61	58	60	11/16	36	123	123	7/16X16	5/16	0	1411	5110	1411
145A	61	58	60	11/16	36	123	123	1/2 X16	5/16	0	5110	1411	5110
154A	61	58	60	11/16	42	123	123	1/2 X16	5/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
106A	61	58	59	11/16	42	123	123	7/16X16	5/16	0	2310	5110	2410
115A	61	58	59	11/16	36	123	123	7/16X16	5/16	0	5110	2410	5110
124A	61	58	59	11/16	36	122	122	5/16X16	5/16	0	2410	5110	2410
136A	61	58	59	11/16	36	123	123	7/16X16	5/16	0	2410	5110	2410
145A	61	58	59	11/16	36	123	123	1/2 X16	5/16	0	5110	2410	5110
154A	61	58	59	11/16	42	123	123	1/2 X16	5/16	0	2410	5110	2310

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206A	61 58	300	126	90	90	491	491	126	90	90	491	491	126	90	90	491	491
215A	61 58	300	129	70	70	491	491	130	70	70	441	491	131	65	65	441	491
224A	61 58	300	130	65	65	441	441	130	65	65	441	441	130	65	65	441	441
236A	61 58	300	130	60	60	431	441	130	60	60	431	441	130	55	55	441	441
245A	61 58	300	131	55	55	441	441	130	60	60	441	441	129	60	60	441	441
254A	61 58	300	126	80	80	441	491	126	80	80	441	491	126	80	80	441	491

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	61 58	61	11/16	60	123	123	1/2 X16	5/16	0	5110	1212	5110
215A	61 58	61	11/16	50	123	123	5/16X16	5/16	0	1212	5510	5110
224A	61 58	61	11/16	45	122	122	5/16X13	5/16	0	1111	5110	1111
236A	61 58	61	11/16	42	122	122	5/16X12	5/16	0	1111	5110	1111
245A	61 58	61	11/16	42	122	122	5/16X14	5/16	0	5110	5310	1212
254A	61 58	61	11/16	55	123	123	7/16X16	1/4	0	5110	1212	5110

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	61 58	60	11/16	65	123	123	1/2 X16	5/16	0	5110	1212	5110
215A	61 58	60	11/16	50	123	123	3/8 X16	5/16	0	1212	5510	5110
224A	61 58	60	11/16	45	122	122	5/16X13	5/16	0	1111	5110	1111
236A	61 58	60	11/16	42	122	122	5/16X12	5/16	0	1111	5110	1111
245A	61 58	60	11/16	42	122	122	5/16X14	5/16	0	5110	5310	1212
254A	61 58	60	11/16	55	123	123	7/16X16	1/4	0	5110	1212	5110

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

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206A	61 58	59	11/16	60	123	123	9/16X16	5/16	0	5110	2210	5110
215A	61 58	59	11/16	50	123	123	3/8 X16	5/16	0	2210	5510	5110
224A	61 58	59	11/16	45	122	122	5/16X13	5/16	0	2110	5110	2110
236A	61 58	59	11/16	42	122	122	5/16X12	5/16	0	2110	5110	2110
245A	61 58	59	11/16	42	122	123	5/16X15	5/16	0	5110	5310	2210
254A	61 58	59	11/16	55	123	123	7/16X16	1/4	0	5110	2210	5110

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306A 61 58	300	134	55	55	492	492	135	55	55	492	492	135	55	55	492	492
315A 61 58	300	138	50	50	492	492	138	50	50	442	492	138	50	50	442	492
324A 61 58	300	138	50	50	442	442	138	50	50	442	442	138	50	50	442	442
336A 61 58	300	139	55	55	492	492	139	55	55	492	492	139	55	55	492	492
345A 61 58	300	138	55	55	492	492	138	55	55	492	492	138	55	55	492	492
354A 61 58	300	135	55	55	492	492	135	55	55	492	492	134	60	60	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 61 58	61	11/16	36	123	123	3/8 X16	5/16	0	1311	5110	1411
315A 61 58	61	11/16	36	123	123	3/8 X16	5/16	0	5110	1411	5110
324A 61 58	61	11/16	36	122	122	5/16X14	5/16	0	1411	5110	1411
336A 61 58	61	11/16	42	123	123	7/16X16	5/16	0	1411	5110	1411
345A 61 58	61	11/16	42	123	123	1/2 X16	5/16	0	5110	1411	5110
354A 61 58	61	11/16	42	123	123	1/2 X16	5/16	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 61 58	60	11/16	42	123	123	3/8 X16	5/16	0	1311	5110	1411
315A 61 58	60	11/16	36	123	123	3/8 X16	5/16	0	5110	1411	5110
324A 61 58	60	11/16	36	122	122	5/16X15	5/16	0	1411	5110	1411
336A 61 58	60	11/16	42	123	123	7/16X16	5/16	0	1411	5110	1411
345A 61 58	60	11/16	42	123	123	1/2 X16	5/16	0	5110	1411	5110
354A 61 58	60	11/16	42	123	123	1/2 X16	5/16	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 61 58	59	11/16	42	123	123	3/8 X16	5/16	0	2310	5110	2410
315A 61 58	59	11/16	36	123	123	3/8 X16	5/16	0	5110	2410	5110
324A 61 58	59	11/16	36	122	122	5/16X15	5/16	0	2410	5110	2410
336A 61 58	59	11/16	42	123	123	7/16X16	5/16	0	2410	5110	2410
345A 61 58	59	11/16	42	123	123	1/2 X16	5/16	0	5110	2410	5110
354A 61 58	59	11/16	42	123	123	1/2 X16	5/16	0	2410	5110	2310

4-A1-263

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406A	61	58	300	126	85	85	491	491	126	85	85	491	491	126	85	85	491	491
415A	61	58	300	129	65	65	491	491	130	60	60	441	491	131	60	60	441	491
424A	61	58	300	130	60	60	441	441	130	60	60	441	441	130	60	60	441	441
436A	61	58	300	130	65	65	441	441	130	65	65	441	441	130	65	65	441	441
445A	61	58	300	131	65	65	441	441	130	70	70	441	441	129	70	70	441	491
454A	61	58	300	126	85	85	491	491	126	85	85	491	491	126	85	85	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	61	58	61	11/16	60	123	123	1/2 X16	5/16	0	5110	1212	5110
415A	61	58	61	11/16	42	123	123	5/16X16	5/16	0	1212	5510	5110
424A	61	58	61	11/16	42	122	122	5/16X13	5/16	0	1111	5110	1111
436A	61	58	61	11/16	45	122	122	5/16X13	5/16	0	1111	5110	1111
445A	61	58	61	11/16	46	122	123	5/16X15	5/16	0	5110	5310	1212
454A	61	58	61	11/16	60	123	123	7/16X16	1/4	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	61	58	60	11/16	60	123	123	1/2 X16	5/16	0	5110	1212	5110
415A	61	58	60	11/16	42	123	123	3/8 X16	5/16	0	1212	5510	5110
424A	61	58	60	11/16	42	122	122	5/16X13	5/16	0	1111	5110	1111
436A	61	58	60	11/16	42	122	122	5/16X13	5/16	0	1111	5110	1111
445A	61	58	60	11/16	46	122	123	5/16X15	5/16	0	5110	5310	1212
454A	61	58	60	11/16	60	123	123	1/2 X16	1/4	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	61	58	59	11/16	55	123	123	9/16X16	5/16	0	5110	2210	5110
415A	61	58	59	11/16	42	123	123	3/8 X16	5/16	0	2210	5510	5110
424A	61	58	59	11/16	42	122	122	5/16X13	5/16	0	2110	5110	2110
436A	61	58	59	11/16	45	122	122	5/16X13	5/16	0	2110	5110	2110
445A	61	58	59	11/16	46	123	123	5/16X16	5/16	0	5110	5310	2210
454A	61	58	59	11/16	55	123	123	1/2 X16	1/4	0	5110	2210	5110

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A 61	59	210	132	80	80	681	681	532	90	90	0	0	129	90	90	681	681
400A 61	59	210	132	80	80	681	681	532	85	85	0	0	129	85	85	681	681

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 61	59	61	11/16	60	131	131	5/8 X16	3/8	0	1313	5010	5610
400A 61	59	61	11/16	60	131	131	11/16X16	3/8	0	1313	5010	5610

PANEL NUMBER		FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
			T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200A 61	59	60	11/16	60	131	131	11/16X16	3/8	0	1313	5010	5610
400A 61	59	60	11/16	60	131	131	11/16X16	3/8	0	1313	5010	5610

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

4-A1-265

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A 62 59	300	129	75	75	491	491	131	65	65	491	491	132	60	60	491	491
112A 62 59	300	138	50	50	492	492	138	50	50	492	492	138	50	50	492	492
121A 62 59	300	138	46	46	442	492	138	46	46	442	442	138	46	46	442	442
130A 62 59	300	138	45	45	442	442	138	45	45	442	442	138	45	45	442	442
139A 62 59	300	139	46	46	492	492	138	50	50	492	492	138	50	50	492	492
148A 62 59	300	138	55	55	492	492	138	55	55	492	492	138	55	55	492	492
157A 62 59	300	132	65	65	491	491	131	70	70	491	491	129	75	75	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 62 59	62	11/16	55	131	123	7/16X16	5/16	0	5110	1311	5210
112A 62 59	62	11/16	36	123	123	3/8 X16	5/16	0	1511	5210	1411
121A 62 59	62	11/16	36	123	122	5/16X16	5/16	0	5210	1411	5210
130A 62 59	62	11/16	36	122	123	5/16X16	5/16	0	1411	5210	1411
139A 62 59	62	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
148A 62 59	62	11/16	36	123	123	1/2 X16	5/16	0	1411	5210	1511
157A 62 59	62	11/16	60	123	131	1/2 X16	5/16	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 62 59	61	11/16	55	131	123	7/16X16	5/16	0	5110	1311	5210
~~112A 62 59~~	~~61~~	~~11/16~~	~~36~~	~~123~~	~~123~~	~~7/16X16~~	~~5/16~~	~~0~~	~~1511~~	~~5210~~	~~1411~~
121A 62 59	61	11/16	36	123	122	3/8 X16	5/16	0	5210	1411	5210
130A 62 59	61	11/16	36	122	123	5/16X16	5/16	0	1411	5210	1411
139A 62 59	61	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
148A 62 59	61	11/16	36	123	123	1/2 X16	5/16	0	1411	5210	1511
157A 62 59	61	11/16	60	123	131	1/2 X16	5/16	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 62 59	60	11/16	60	131	123	1/2 X16	5/16	0	5110	1311	5210
112A 62 59	60	11/16	36	123	123	7/16X16	5/16	0	1511	5210	1411
121A 62 59	60	11/16	36	123	122	3/8 X16	5/16	0	5210	1411	5210
130A 62 59	60	11/16	36	122	123	3/8 X16	5/16	0	1411	5210	1411
139A 62 59	60	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
148A 62 59	60	11/16	36	123	123	1/2 X16	5/16	0	1411	5210	1511
157A 62 59	60	11/16	60	123	131	9/16X16	5/16	0	5210	1311	5110

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

4-A1-266

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
203A	62	59	300	125	100	100	491	491	125	90	90	491	491	125	90	90	491	491
212A	62	59	300	126	85	85	491	491	127	85	85	491	491	128	80	80	491	491
221A	62	59	300	131	65	65	441	441	131	65	65	441	441	130	65	65	441	441
230A	62	59	300	130	60	60	431	431	130	60	60	431	431	130	60	60	431	431
239A	62	59	300	130	55	55	441	441	131	55	55	441	441	131	55	55	441	441
248A	62	59	300	128	70	70	441	441	127	75	75	441	441	126	75	75	441	441
257A	62	59	300	125	80	80	441	491	125	80	80	441	491	125	90	90	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203A	62	59	62	11/16	75	131	123	5/8 X16	5/16	0	1013	5210	5010
212A	62	59	62	11/16	60	123	123	1/2 X16	1/4	0	5210	5010	5210
221A	62	59	62	11/16	45	122	122	5/16X14	5/16	0	5210	1111	5210
230A	62	59	62	11/16	42	122	122	5/16X10	5/16	0	1111	5210	1111
239A	62	59	62	11/16	42	122	122	5/16X13	5/16	0	5210	1111	5210
248A	62	59	62	11/16	50	122	122	3/8 X16	1/4	0	5210	5010	5210
257A	62	59	62	11/16	70	123	131	1/2 X16	5/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203A	62	59	61	11/16	80	131	123	5/8 X16	5/16	0	1013	5210	5010
212A	62	59	61	11/16	60	123	123	1/2 X16	1/4	0	5210	5010	5210
221A	62	59	61	11/16	45	122	122	5/16X14	5/16	0	5210	1111	5210
230A	62	59	61	11/16	42	122	122	5/16X10	5/16	0	1111	5210	1111
239A	62	59	61	11/16	36	122	122	5/16X13	5/16	0	5210	1111	5210
248A	62	59	61	11/16	50	122	122	7/16X16	1/4	0	5210	5010	5210
257A	62	59	61	11/16	70	123	131	1/2 X16	5/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203A	62	59	60	11/16	80	131	123	5/8 X16	5/16	0	1013	5210	5010
212A	62	59	60	11/16	60	123	123	1/2 X16	1/4	0	5210	5010	5210
221A	62	59	60	11/16	45	122	122	5/16X14	5/16	0	5210	1111	5210
230A	62	59	60	11/16	42	122	122	5/16X11	5/16	0	1111	5210	1111
239A	62	59	60	11/16	42	122	122	5/16X13	5/16	0	5210	1111	5210
248A	62	59	60	11/16	50	122	123	7/16X16	1/4	0	5210	5010	5210
257A	62	59	60	11/16	70	123	131	1/2 X16	5/16	0	5010	5210	1013

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

4-A1-267

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A	62	59	300	129	70	70	491	491	131	60	60	491	491	132	60	60	491	491
312A	62	59	300	138	50	50	492	492	138	50	50	442	492	138	50	50	442	492
321A	62	59	300	138	50	50	442	442	138	50	50	442	442	138	50	50	442	442
330A	62	59	300	138	50	50	442	442	138	50	50	442	442	138	55	55	442	442
339A	62	59	300	139	55	55	492	492	138	55	55	492	492	138	55	55	492	492
348A	62	59	300	138	55	55	492	492	138	55	55	492	492	138	55	55	492	492
357A	62	59	300	132	60	60	491	491	131	65	65	491	491	129	75	75	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	62	59	62	11/16	55	131	123	7/16X16	5/16	0	5110	1311	5210
312A	62	59	62	11/16	36	123	123	3/8 X16	5/16	0	1511	5210	1411
321A	62	59	62	11/16	36	122	122	5/16X15	5/16	0	5210	1411	5210
330A	62	59	62	11/16	36	122	122	5/16X15	5/16	0	1411	5210	1411
339A	62	59	62	11/16	42	123	123	7/16X16	5/16	0	5210	1411	5210
348A	62	59	62	11/16	42	123	123	1/2 X16	5/16	0	1411	5210	1511
357A	62	59	62	11/16	55	123	131	1/2 X16	5/16	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	62	59	61	11/16	55	131	123	7/16X16	5/16	0	5110	1311	5210
~~312A~~	~~62~~	~~59~~	~~61~~	~~11/16~~	~~36~~	~~123~~	~~123~~	~~3/8 X16~~	~~5/16~~	~~0~~	~~1511~~	~~5210~~	~~1411~~
321A	62	59	61	11/16	36	122	122	5/16X15	5/16	0	5210	1411	5210
330A	62	59	61	11/16	36	122	123	5/16X16	5/16	0	1411	5210	1411
339A	62	59	61	11/16	42	123	123	7/16X16	5/16	0	5210	1411	5210
348A	62	59	61	11/16	42	123	123	1/2 X16	5/16	0	1411	5210	1511
357A	62	59	61	11/16	60	123	131	1/2 X16	5/16	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303A	62	59	60	11/16	55	131	123	7/16X16	5/16	0	5110	1311	5210
312A	62	59	60	11/16	36	123	123	3/8 X16	5/16	0	1511	5210	1411
321A	62	59	60	11/16	36	122	122	5/16X16	5/16	0	5210	1411	5210
330A	62	59	60	11/16	42	122	123	3/8 X16	5/16	0	1411	5210	1411
339A	62	59	60	11/16	42	123	123	7/16X16	5/16	0	5210	1411	5210
348A	62	59	60	11/16	42	123	123	1/2 X16	5/16	0	1411	5210	1511
357A	62	59	60	11/16	60	123	131	9/16X16	5/16	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF N.Y.

4-A1-268

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403A 62 59	300	125	100	100	491	491	125	85	85	491	491	125	85	85	491	491
412A 62 59	300	126	75	75	491	491	127	75	75	491	491	128	70	70	491	491
421A 62 59	300	131	55	55	441	441	131	55	55	441	441	130	55	55	441	441
430A 62 59	300	130	60	60	431	431	130	60	60	431	431	130	65	65	431	441
439A 62 59	300	130	65	65	441	441	131	65	65	441	441	131	65	65	441	441
448A 62 59	300	128	75	75	441	491	127	80	80	441	491	126	80	80	441	491
457A 62 59	300	125	85	85	491	491	125	85	85	491	491	125	100	100	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403A 62 59	62	11/16	75	131	123	9/16X16	5/16	0	1013	5210	5010
412A 62 59	62	11/16	50	123	123	7/16X16	1/4	0	5210	5010	5210
421A 62 59	62	11/16	42	122	122	5/16X13	5/16	0	5210	1111	5210
430A 62 59	62	11/16	42	122	122	5/16X11	5/16	0	1111	5210	1111
439A 62 59	62	11/16	42	122	122	5/16X13	5/16	0	5210	1111	5210
448A 62 59	62	11/16	55	122	123	7/16X16	1/4	0	5210	5010	5210
457A 62 59	62	11/16	75	123	131	9/16X16	5/16	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403A 62 59	61	11/16	75	131	123	5/8 X16	5/16	0	1013	5210	5010
~~412A 62 59~~	~~61~~	~~11/16~~	~~55~~	~~123~~	~~123~~	~~1/2 X16~~	~~1/4~~	~~0~~	~~5210~~	~~5010~~	~~5210~~
421A 62 59	61	11/16	42	122	122	5/16X14	5/16	0	5210	1111	5210
430A 62 59	61	11/16	42	122	122	5/16X11	5/16	0	1111	5210	1111
439A 62 59	61	11/16	42	122	122	5/16X13	5/16	0	5210	1111	5210
448A 62 59	61	11/16	55	123	123	7/16X16	1/4	0	5210	5010	5210
457A 62 59	61	11/16	75	123	131	9/16X16	5/16	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34560 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403A 62 59	60	11/16	75	131	123	5/8 X16	5/16	0	1013	5210	5010
412A 62 59	60	11/16	55	123	123	1/2 X16	1/4	0	5210	5010	5210
421A 62 59	60	11/16	42	122	122	5/16X14	5/16	0	5210	1111	5210
430A 62 59	60	11/16	42	122	122	5/16X11	5/16	0	1111	5210	1111
439A 62 59	60	11/16	45	122	122	5/16X14	5/16	0	5210	1111	5210
448A 62 59	60	11/16	55	123	123	7/16X16	1/4	0	5210	5010	5210
457A 62 59	60	11/16	75	123	131	9/16X16	5/16	0	5010	5210	1013

4-A1-269

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A	62	60	210	129	85	85	491	491	531	85	85	0	0	131	75	75	491	491
300A	62	60	210	129	80	80	491	491	531	80	80	0	0	131	75	75	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	62	60	62	11/16	60	131	131	9/16X16	3/8	0	5410	5010	1313
300A	62	60	62	11/16	55	131	131	9/16X16	5/16	0	5410	5010	1313

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	62	60	61	11/16	60	131	131	9/16X16	3/8	0	5410	5010	1313
300A	62	60	61	11/16	55	131	131	9/16X16	5/16	0	5410	5010	1313

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

4-A1-270

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
109A	63	60	300	135	55	55	492	492	136	55	55	492	492	137	50	50	492	492
118A	63	60	300	138	50	50	442	492	138	50	50	442	492	138	50	50	442	492
127A	63	60	300	138	46	46	442	442	138	46	46	442	442	138	46	46	442	442
133A	63	60	300	138	45	45	442	492	138	45	45	442	492	138	45	45	492	492
142A	63	60	300	138	50	50	492	492	138	50	50	492	492	138	50	50	492	492
151A	63	60	300	137	55	55	492	492	136	55	55	492	492	135	55	55	492	492

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	63	60	63	11/16	36	123	123	3/8 X16	5/16	0	5210	1411	5210
118A	63	60	63	11/16	36	123	122	3/8 X16	5/16	0	1411	5210	1411
127A	63	60	63	11/16	36	122	122	5/16X14	5/16	0	5110	1411	5210
133A	63	60	63	11/16	36	122	123	3/8 X16	5/16	0	5210	1411	5110
142A	63	60	63	11/16	36	123	123	7/16X16	5/16	0	1411	5210	1411
151A	63	60	63	11/16	42	123	123	7/16X16	5/16	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	63	60	62	11/16	36	123	123	3/8 X16	5/16	0	5210	1411	5210
~~118A~~	~~63~~	~~60~~	~~62~~	~~11/16~~	~~36~~	~~123~~	~~123~~	~~3/8 X16~~	~~5/16~~	~~0~~	~~1411~~	~~5210~~	~~1411~~
127A	63	60	62	11/16	36	122	122	5/16X14	5/16	0	5110	1411	5210
133A	63	60	62	11/16	36	123	123	3/8 X16	5/16	0	5210	1411	5110
142A	63	60	62	11/16	36	123	123	1/2 X16	5/16	0	1411	5210	1411
151A	63	60	62	11/16	42	123	123	1/2 X16	5/16	0	5210	1411	5210

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109A	63	60	61	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
118A	63	60	61	11/16	36	123	123	3/8 X16	5/16	0	1411	5210	1411
127A	63	60	61	11/16	36	122	122	5/16X14	5/16	0	5110	1411	5210
133A	63	60	61	11/16	36	123	123	3/8 X16	5/16	0	5210	1411	5110
142A	63	60	61	11/16	36	123	123	1/2 X16	5/16	0	1411	5210	1411
151A	63	60	61	11/16	42	123	123	1/2 X16	5/16	0	5210	1411	5210

4-A1-271

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
209A 63 60	300	126	90	90	491	491	126	90	90	491	491	126	85	85	491	491
218A 63 60	300	131	65	65	441	441	131	65	65	441	441	131	65	65	441	441
227A 63 60	300	129	65	65	441	441	129	65	65	431	431	129	65	65	431	431
233A 63 60	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
242A 63 60	300	131	55	55	441	441	131	55	55	441	441	131	55	55	441	441
251A 63 60	300	126	80	80	441	441	126	80	80	441	441	126	80	80	441	441

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
209A 63 60	63	11/16	60	123	123	1/2 X16	1/4	0	5010	5210	1212
218A 63 60	63	11/16	45	122	122	5/16X15	5/16	0	1611	5210	1111
227A 63 60	63	11/16	42	122	122	5/16X11	5/16	0	5110	1111	5210
233A 63 60	63	11/16	42	122	122	5/16X11	5/16	0	5210	1111	5110
242A 63 60	63	11/16	42	122	122	5/16X14	5/16	0	1111	5210	1611
251A 63 60	63	11/16	55	122	122	7/16X16	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
209A 63 60	62	11/16	60	123	123	1/2 X16	1/4	0	5010	5210	1212
218A 63 60	62	11/16	45	123	122	5/16X15	5/16	0	1611	5210	1111
227A 63 60	62	11/16	45	122	122	5/16X11	5/16	0	5110	1111	5210
233A 63 60	62	11/16	42	122	122	5/16X11	5/16	0	5210	1111	5110
242A 63 60	62	11/16	42	122	122	5/16X14	5/16	0	1111	5210	1611
251A 63 60	62	11/16	55	122	123	7/16X16	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34300 UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
209A 63 60	61	11/16	60	123	123	1/2 X16	1/4	0	5010	5210	1212
218A 63 60	61	11/16	45	123	122	5/16X15	5/16	0	1611	5210	1111
227A 63 60	61	11/16	45	122	122	5/16X11	5/16	0	5110	1111	5210
233A 63 60	61	11/16	42	122	122	5/16X11	5/16	0	5210	1111	5110
242A 63 60	61	11/16	42	122	122	5/16X14	5/16	0	1111	5210	1611
251A 63 60	61	11/16	50	122	123	7/16X16	1/4	0	1212	5210	5010

4-A1-272

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309A	63	60	300	135	55	55	492	492	136	55	55	492	492	137	50	50	492	492
318A	63	60	300	138	50	50	442	442	138	50	50	442	442	138	50	50	442	442
327A	63	60	300	138	50	50	442	442	138	50	50	442	442	138	50	50	442	442
333A	63	60	300	138	50	50	442	442	138	55	55	442	442	138	55	55	442	492
342A	63	60	300	138	55	55	492	492	138	55	55	492	492	138	55	55	492	492
351A	63	60	300	137	55	55	492	492	136	55	55	492	492	135	55	55	492	492

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
309A	63	60	63	11/16	36	123	123	3/8 X16	5/16	0	5210	1411	5210
318A	63	60	63	11/16	36	122	122	5/16X16	5/16	0	1411	5210	1411
327A	63	60	63	11/16	36	122	122	5/16X13	5/16	0	5110	1411	5210
333A	63	60	63	11/16	36	122	123	3/8 X16	5/16	0	5210	1411	5110
342A	63	60	63	11/16	36	123	123	7/16X16	5/16	0	1411	5210	1411
351A	63	60	63	11/16	42	123	123	7/16X16	5/16	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
309A	63	60	62	11/16	36	123	123	3/8 X16	5/16	0	5210	1411	5210
~~318A~~	~~63~~	~~60~~	~~62~~	~~11/16~~	~~36~~	~~123~~	~~122~~	~~5/16X16~~	~~5/16~~	~~0~~	~~1411~~	~~5210~~	~~1411~~
327A	63	60	62	11/16	36	122	122	5/16X14	5/16	0	5110	1411	5210
333A	63	60	62	11/16	36	122	123	3/8 X16	5/16	0	5210	1411	5110
342A	63	60	62	11/16	42	123	123	7/16X16	5/16	0	1411	5210	1411
351A	63	60	62	11/16	42	123	123	7/16X16	5/16	0	5210	1411	5210

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
309A	63	60	61	11/16	36	123	123	3/8 X16	5/16	0	5210	1411	5210
318A	63	60	61	11/16	36	123	122	3/8 X16	5/16	0	1411	5210	1411
327A	63	60	61	11/16	36	122	122	5/16X14	5/16	0	5110	1411	5210
333A	63	60	61	11/16	42	123	123	3/8 X16	5/16	0	5210	1411	5110
342A	63	60	61	11/16	42	123	123	1/2 X16	5/16	0	1411	5210	1411
351A	63	60	61	11/16	42	123	123	1/2 X16	5/16	0	5210	1411	5210

4-A1-273

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
409A 63 60	300	126	80	80	491	491	126	80	80	491	491	126	80	80	491	491
418A 63 60	300	131	55	55	441	441	131	55	55	441	441	131	55	55	441	441
427A 63 60	300	129	60	60	431	441	129	60	60	431	431	129	60	60	431	431
433A 63 60	300	129	65	65	431	441	129	65	65	431	441	129	65	65	431	441
442A 63 60	300	131	65	65	441	441	131	65	65	441	441	131	65	65	441	441
451A 63 60	300	126	85	85	441	491	126	85	85	441	491	126	85	85	441	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409A 63 60	63	11/16	55	123	123	7/16X16	1/4	0	5010	5210	1212
418A 63 60	63	11/16	42	122	122	5/16X14	5/16	0	1611	5210	1111
427A 63 60	63	11/16	42	122	122	5/16X11	5/16	0	5110	1111	5210
433A 63 60	63	11/16	42	122	122	5/16X11	5/16	0	5210	1111	5110
442A 63 60	63	11/16	45	122	122	5/16X14	5/16	0	1111	5210	1611
451A 63 60	63	11/16	60	123	123	7/16X16	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409A 63 60	62	11/16	55	123	123	1/2 X16	1/4	0	5010	5210	1212
~~418A 63 60~~	~~62~~	~~11/16~~	~~42~~	~~122~~	~~122~~	~~5/16X15~~	~~5/16~~	~~0~~	~~1611~~	~~5210~~	~~1111~~
427A 63 60	62	11/16	42	122	122	5/16X11	5/16	0	5110	1111	5210
433A 63 60	62	11/16	42	122	122	5/16X11	5/16	0	5210	1111	5110
442A 63 60	62	11/16	42	122	122	5/16X14	5/16	0	1111	5210	1611
451A 63 60	62	11/16	60	123	123	7/16X16	1/4	0	1212	5210	5010

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409A 63 60	61	11/16	55	123	123	1/2 X16	1/4	0	5010	5210	1212
418A 63 60	61	11/16	42	123	122	5/16X15	5/16	0	1611	5210	1111
427A 63 60	61	11/16	42	122	122	5/16X11	5/16	0	5110	1111	5210
433A 63 60	61	11/16	45	122	122	5/16X11	5/16	0	5210	1111	5110
442A 63 60	61	11/16	42	122	122	5/16X15	5/16	0	1111	5210	1611
451A 63 60	61	11/16	55	123	123	7/16X16	1/4	0	1212	5210	5010

4-A1-274

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200A 63 61	210	131	85	85	681	681	531	100	100	0	0	129	100	100	681	681
400A 63 61	210	131	80	80	681	681	531	90	90	0	0	129	90	90	681	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
200A 63 61	63	11/16	65	131	131	5/8 X16	3/8	0	1313	5010	5610
400A 63 61	63	11/16	60	131	131	5/8 X16	3/8	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
200A 63 61	62	11/16	60	131	131	5/8 X16	3/8	0	1313	5010	5610
400A 63 61	62	11/16	55	131	131	5/8 X16	3/8	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 54860 UNIVERSITY OF THE STATE OF NEW YORK

4-A1-275

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106A	64	61	300	133	60	60	491	492	134	55	55	492	492	135	55	55	492	492
115A	64	61	300	137	50	50	442	492	137	50	50	442	492	137	50	50	442	492
124A	64	61	300	137	46	46	442	442	137	46	46	442	442	137	46	46	442	442
136A	64	61	300	138	45	45	442	492	138	46	46	442	492	138	50	50	492	492
145A	64	61	300	137	55	55	492	492	137	55	55	492	492	137	55	55	492	492
154A	64	61	300	135	60	60	492	492	134	60	60	492	492	133	60	60	491	492

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	64	61	64	5/8	42	123	123	3/8 X16	5/16	0	1311	5110	1411
115A	64	61	64	5/8	36	123	123	3/8 X16	5/16	0	5110	1411	5110
124A	64	61	64	5/8	36	122	122	5/16X14	5/16	0	1411	5110	1411
136A	64	61	64	5/8	36	123	123	3/8 X16	5/16	0	1411	5110	1411
145A	64	61	64	5/8	36	123	123	7/16X16	5/16	0	5110	1411	5110
154A	64	61	64	5/8	42	123	123	7/16X16	5/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	64	61	63	11/16	42	123	123	3/8 X16	5/16	0	1311	5110	1411
115A	64	61	63	11/16	36	123	123	3/8 X16	5/16	0	5110	1411	5110
124A	64	61	63	11/16	36	122	122	5/16X15	5/16	0	1411	5110	1411
136A	64	61	63	11/16	36	123	123	7/16X16	5/16	0	1411	5110	1411
145A	64	61	63	11/16	36	123	123	1/2 X16	5/16	0	5110	1411	5110
154A	64	61	63	11/16	42	123	123	7/16X16	5/16	0	1411	5110	1311

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106A	64	61	62	11/16	42	123	123	3/8 X16	5/16	0	1311	5110	1411
115A	64	61	62	11/16	36	123	123	3/8 X16	5/16	0	5110	1411	5110
124A	64	61	62	11/16	36	122	122	5/16X15	5/16	0	1411	5110	1411
136A	64	61	62	11/16	36	123	123	7/16X16	5/16	0	1411	5110	1411
145A	64	61	62	11/16	36	123	123	1/2 X16	5/16	0	5110	1411	5110
154A	64	61	62	11/16	42	123	123	7/16X16	5/16	0	1411	5110	1311

4-A1-276

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
206A 64 61	300	125	100	100	491	491	125	90	90	491	491	125	90	90	491	491
215A 64 61	300	128	75	75	441	491	129	70	70	441	441	130	70	70	441	441
224A 64 61	300	129	65	65	441	441	129	65	65	441	441	129	65	65	441	441
236A 64 61	300	129	60	60	431	431	129	55	55	431	431	129	55	55	431	441
245A 64 61	300	130	60	60	441	441	129	60	60	441	441	128	65	65	441	441
254A 64 61	300	125	80	80	441	441	125	80	80	441	441	125	85	85	441	441

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206A 64 61	64	5/8	65	123	123	1/2 X16	1/4	0	5110	1212	5110
215A 64 61	64	5/8	50	123	122	7/16X16	1/4	0	1212	5510	5110
224A 64 61	64	5/8	45	122	122	5/16X12	5/16	0	1111	5110	1111
236A 64 61	64	5/8	42	122	122	5/16X11	5/16	0	1111	5110	1111
245A 64 61	64	5/8	45	122	122	3/8 X16	1/4	0	5110	5310	1212
254A 64 61	64	5/8	60	122	122	3/8 X16	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206A 64 61	63	11/16	60	123	123	1/2 X16	1/4	0	5110	1212	5110
215A 64 61	63	11/16	50	123	122	7/16X16	1/4	0	1212	5510	5110
224A 64 61	63	11/16	45	122	122	5/16X12	5/16	0	1111	5110	1111
236A 64 61	63	11/16	42	122	122	5/16X11	5/16	0	1111	5110	1111
245A 64 61	63	11/16	45	122	122	3/8 X16	1/4	0	5110	5310	1212
254A 64 61	63	11/16	55	122	123	7/16X16	1/4	0	5110	1212	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206A 64 61	62	11/16	60	123	123	1/2 X16	5/16	0	5110	1212	5110
215A 64 61	62	11/16	50	123	123	7/16X16	1/4	0	1212	5510	5110
224A 64 61	62	11/16	45	122	122	5/16X12	5/16	0	1111	5110	1111
236A 64 61	62	11/16	42	122	122	5/16X12	5/16	0	1111	5110	1111
245A 64 61	62	11/16	45	122	122	7/16X16	1/4	0	5110	5310	1212
254A 64 61	62	11/16	55	123	123	7/16X16	1/4	0	5110	1212	5110

4-A1-277

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306A 64 61	300	133	55	55	441	492	134	55	55	442	492	135	55	55	442	492
315A 64 61	300	137	50	50	442	492	137	50	50	442	442	137	50	50	442	442
324A 64 61	300	137	50	50	442	442	137	50	50	442	442	137	50	50	442	442
336A 64 61	300	138	55	55	442	492	138	55	55	442	492	138	55	55	492	492
345A 64 61	300	137	55	55	492	492	137	55	55	492	492	137	55	55	492	492
354A 64 61	300	135	55	55	492	492	134	60	60	492	492	133	60	60	491	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 64 61	64	5/8	42	123	123	5/16X16	5/16	0	1311	5110	1411
315A 64 61	64	5/8	36	122	122	5/16X16	5/16	0	5110	1411	5110
324A 64 61	64	5/8	36	122	122	5/16X14	5/16	0	1411	5110	1411
336A 64 61	64	5/8	36	123	123	3/8 X16	5/16	0	1411	5110	1411
345A 64 61	64	5/8	42	123	123	7/16X16	5/16	0	5110	1411	5110
354A 64 61	64	5/8	42	123	123	7/16X16	5/16	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 64 61	63	11/16	42	123	123	3/8 X16	5/16	0	1311	5110	1411
315A 64 61	63	11/16	36	123	122	3/8 X16	5/16	0	5110	1411	5110
324A 64 61	63	11/16	36	122	122	5/16X14	5/16	0	1411	5110	1411
336A 64 61	63	11/16	36	123	123	3/8 X16	5/16	0	1411	5110	1411
345A 64 61	63	11/16	42	123	123	7/16X16	5/16	0	5110	1411	5110
354A 64 61	63	11/16	42	123	123	7/16X16	5/16	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 64 61	62	11/16	42	123	123	3/8 X16	5/16	0	1311	5110	1411
315A 64 61	62	11/16	36	123	123	3/8 X16	5/16	0	5110	1411	5110
324A 64 61	62	11/16	36	122	122	5/16X14	5/16	0	1411	5110	1411
336A 64 61	62	11/16	36	123	123	3/8 X16	5/16	0	1411	5110	1411
345A 64 61	62	11/16	42	123	123	1/2 X16	5/16	0	5110	1411	5110
354A 64 61	62	11/16	42	123	123	7/16X16	5/16	0	1411	5110	1311

4-A1-278

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406A	64	61	300	125	90	90	491	491	125	85	85	491	491	125	80	80	491	491
415A	64	61	300	128	65	65	441	491	129	60	60	441	441	130	60	60	441	441
424A	64	61	300	129	55	55	441	441	129	60	60	431	441	129	60	60	431	441
436A	64	61	300	129	65	65	441	441	129	65	65	441	441	129	65	65	441	441
445A	64	61	300	130	65	65	441	441	129	65	65	441	441	128	70	70	441	441
454A	64	61	300	125	85	85	441	491	125	85	85	441	491	125	90	90	441	491

PANEL NUMBER			FLOUR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	64	61	64	5/8	60	123	123	7/16X16	1/4	0	5110	1212	5110
415A	64	61	64	5/8	45	123	122	7/16X16	1/4	0	1212	5510	5110
424A	64	61	64	5/8	42	122	122	5/16X12	5/16	0	1111	5110	1111
436A	64	61	64	5/8	42	122	122	5/16X12	5/16	0	1111	5110	1111
445A	64	61	64	5/8	50	122	122	7/16X16	1/4	0	5110	5310	1212
454A	64	61	64	5/8	65	123	123	7/16X16	1/4	0	5110	1212	5110

PANEL NUMBER			FLOUR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	64	61	63	11/16	55	123	123	1/2 X16	1/4	0	5110	1212	5110
415A	64	61	63	11/16	45	123	122	7/16X16	1/4	0	1212	5510	5110
424A	64	61	63	11/16	42	122	122	5/16X12	5/16	0	1111	5110	1111
436A	64	61	63	11/16	45	122	122	5/16X12	5/16	0	1111	5110	1111
445A	64	61	63	11/16	50	122	122	7/16X16	1/4	0	5110	5310	1212
454A	64	61	63	11/16	60	123	123	7/16X16	1/4	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406A	64	61	62	11/16	60	123	123	1/2 X16	1/4	0	5110	1212	5110
415A	64	61	62	11/16	45	123	122	7/16X16	1/4	0	1212	5510	5110
424A	64	61	62	11/16	42	122	122	5/16X12	5/16	0	1111	5110	1111
436A	64	61	62	11/16	45	122	122	5/16X12	5/16	0	1111	5110	1111
445A	64	61	62	11/16	50	122	122	7/16X16	1/4	0	5110	5310	1212
454A	64	61	62	11/16	60	123	123	7/16X16	1/4	0	5110	1212	5110

4-A1-279

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100A	64	62	210	128	90	90	491	491	530	90	90	0	0	130	80	80	491	491
300A	64	62	210	128	85	85	491	491	530	85	85	0	0	130	75	75	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	64	62	64	5/8	60	131	131	11/16X16	5/16	0	5410	5010	1313
300A	64	62	64	5/8	60	131	131	5/8 X16	5/16	0	5410	5010	1313

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100A	64	62	63	11/16	65	131	131	11/16X16	5/16	0	5410	5010	1313
300A	64	62	63	11/16	60	131	131	11/16X16	5/16	0	5410	5010	1313

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

4-A1-280

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
103A	65	62	300	128	75	75	491	491	130	65	65	491	491	132	60	60	491	491
112A	65	62	300	136	50	50	442	492	136	50	50	442	492	136	50	50	442	492
121A	65	62	300	136	50	50	442	442	136	50	50	442	442	136	50	50	442	442
130A	65	62	300	137	45	45	442	442	138	45	45	442	442	138	45	45	442	442
139A	65	62	300	138	50	50	492	492	138	50	50	492	492	138	50	50	492	492
148A	65	62	300	136	55	55	492	492	136	55	55	492	492	136	55	55	492	492
157A	65	62	300	132	65	65	491	491	130	70	70	491	491	128	85	85	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	65	62	65	5/8	60	131	123	9/16X16	5/16	0	5110	1311	5210
112A	65	62	65	5/8	36	123	123	3/8 X16	5/16	0	1511	5210	1411
121A	65	62	65	5/8	36	122	122	5/16X15	5/16	0	5210	1411	5210
130A	65	62	65	5/8	36	122	122	5/16X15	5/16	0	1411	5210	1411
139A	65	62	65	5/8	36	123	123	7/16X16	5/16	0	5210	1411	5210
148A	65	62	65	5/8	42	123	123	7/16X16	5/16	0	1411	5210	1511
157A	65	62	65	5/8	65	123	131	5/8 X16	5/16	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	65	62	64	5/8	60	131	123	9/16X16	5/16	0	5110	1311	5210
112A	65	62	64	5/8	36	123	123	3/8 X16	5/16	0	1511	5210	1411
121A	65	62	64	5/8	36	122	122	5/16X15	5/16	0	5210	1411	5210
130A	65	62	64	5/8	36	122	122	5/16X15	5/16	0	1411	5210	1411
139A	65	62	64	5/8	36	123	123	7/16X16	5/16	0	5210	1411	5210
148A	65	62	64	5/8	36	123	123	7/16X16	5/16	0	1411	5210	1511
157A	65	62	64	5/8	65	123	131	5/8 X16	5/16	0	5210	1311	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103A	65	62	63	11/16	60	131	123	9/16X16	5/16	0	5110	1311	5210
112A	65	62	63	11/16	36	123	123	3/8 X16	5/16	0	1511	5210	1411
121A	65	62	63	11/16	36	122	122	5/16X15	5/16	0	5210	1411	5210
130A	65	62	63	11/16	36	122	122	5/16X15	5/16	0	1411	5210	1411
139A	65	62	63	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
148A	65	62	63	11/16	42	123	123	1/2 X16	5/16	0	1411	5210	1511
157A	65	62	63	11/16	65	123	131	5/8 X16	5/16	0	5210	1311	5110

4-A1-281

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A 65 62	300	124	100	100	491	491	124	100	100	491	491	125	100	100	491	491
212A 65 62	300	125	85	85	491	491	126	80	80	441	491	127	80	80	441	491
221A 65 62	300	130	65	65	441	441	130	65	65	441	441	129	65	65	441	441
230A 65 62	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
239A 65 62	300	129	55	55	441	441	130	55	55	441	441	130	55	55	441	441
248A 65 62	300	127	70	70	441	441	126	70	70	441	441	125	75	75	441	441
257A 65 62	300	125	85	85	441	441	124	85	85	441	441	124	100	100	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 65 62	65	5/8	80	131	123	9/16X16	5/16	0	1013	5210	5010
212A 65 62	65	5/8	60	123	123	7/16X16	1/4	0	5210	5010	5210
221A 65 62	65	5/8	45	122	122	5/16X13	5/16	0	5210	1111	5210
230A 65 62	65	5/8	42	122	122	5/16X10	5/16	0	1111	5210	1111
239A 65 62	65	5/8	42	122	122	5/16X12	5/16	0	5210	1111	5210
248A 65 62	65	5/8	55	122	122	3/8 X16	1/4	0	5210	5010	5210
257A 65 62	65	5/8	75	122	131	7/16X16	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 65 62	64	5/8	80	131	123	9/16X16	5/16	0	1013	5210	5010
~~212A 65 62~~	~~64~~	~~5/8~~	~~60~~	~~123~~	~~123~~	~~7/16X16~~	~~1/4~~	~~0~~	~~5210~~	~~5010~~	~~5210~~
221A 65 62	64	5/8	45	122	122	5/16X13	5/16	0	5210	1111	5210
230A 65 62	64	5/8	42	122	122	5/16X10	5/16	0	1111	5210	1111
239A 65 62	64	5/8	42	122	122	5/16X12	5/16	0	5210	1111	5210
248A 65 62	64	5/8	55	122	122	3/8 X16	1/4	0	5210	5010	5210
257A 65 62	64	5/8	75	122	131	1/2 X16	1/4	0	5010	5210	1013

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203A 65 62	63	11/16	80	131	123	9/16X16	5/16	0	1013	5210	5010
212A 65 62	63	11/16	60	123	123	7/16X16	1/4	0	5210	5010	5210
221A 65 62	63	11/16	45	122	122	5/16X13	5/16	0	5210	1111	5210
230A 65 62	63	11/16	42	122	122	5/16X10	5/16	0	1111	5210	1111
239A 65 62	63	11/16	42	122	122	5/16X12	5/16	0	5210	1111	5210
248A 65 62	63	11/16	55	122	122	3/8 X16	1/4	0	5210	5010	5210
257A 65 62	63	11/16	75	123	131	1/2 X16	5/16	0	5010	5210	1013

4-A1-282

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A	65	62	300	128	75	75	491	491	130	65	65	441	491	132	60	60	441	491
312A	65	62	300	136	50	50	442	492	136	50	50	442	442	136	50	50	442	442
321A	65	62	300	136	50	50	442	442	136	50	50	442	442	136	50	50	442	442
330A	65	62	300	137	50	50	442	442	138	50	50	442	442	138	55	55	442	442
339A	65	62	300	138	55	55	492	492	138	55	55	492	492	138	55	55	492	492
348A	65	62	300	136	55	55	492	492	136	55	55	492	492	136	55	55	492	492
357A	65	62	300	132	65	65	491	491	130	65	65	491	491	128	80	80	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A	65	62	65	5/8	60	131	123	1/2 X16	5/16	0	5110	1311	5210
312A	65	62	65	5/8	36	122	122	5/16X16	5/16	0	1511	5210	1411
321A	65	62	65	5/8	36	122	122	5/16X14	5/16	0	5210	1411	5210
330A	65	62	65	5/8	36	122	122	5/16X14	5/16	0	1411	5210	1411
339A	65	62	65	5/8	36	123	123	3/8 X16	5/16	0	5210	1411	5210
348A	65	62	65	5/8	42	123	123	7/16X16	5/16	0	1411	5210	1511
357A	65	62	65	5/8	60	123	131	5/8 X16	5/16	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A	65	62	64	5/8	60	131	123	1/2 X16	5/16	0	5110	1311	5210
~~312A~~	~~65~~	~~62~~	~~64~~	~~5/8~~	~~36~~	~~123~~	~~122~~	~~3/8 X16~~	~~5/16~~	~~0~~	~~1511~~	~~5210~~	~~1411~~
321A	65	62	64	5/8	36	122	122	5/16X14	5/16	0	5210	1411	5210
330A	65	62	64	5/8	36	122	122	5/16X15	5/16	0	1411	5210	1411
339A	65	62	64	5/8	36	123	123	7/16X16	5/16	0	5210	1411	5210
348A	65	62	64	5/8	42	123	123	7/16X16	5/16	0	1411	5210	1511
357A	65	62	64	5/8	60	123	131	5/8 X16	5/16	0	5210	1311	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A	65	62	63	11/16	60	131	123	9/16X16	5/16	0	5110	1311	5210
312A	65	62	63	11/16	36	123	123	3/8 X16	5/16	0	1511	5210	1411
321A	65	62	63	11/16	36	122	122	5/16X15	5/16	0	5210	1411	5210
330A	65	62	63	11/16	36	122	122	5/16X15	5/16	0	1411	5210	1411
339A	65	62	63	11/16	36	123	123	7/16X16	5/16	0	5210	1411	5210
348A	65	62	63	11/16	42	123	123	7/16X16	5/16	0	1411	5210	1511
357A	65	62	63	11/16	60	123	131	5/8 X16	5/16	0	5210	1311	5110

4-A1-283

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403A	65	62	300	124	100	100	491	491	124	90	90	491	491	125	90	90	491	491
412A	65	62	300	125	80	80	441	491	126	75	75	441	491	127	75	75	441	491
421A	65	62	300	130	55	55	441	441	130	55	55	441	441	129	55	55	441	441
430A	65	62	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
439A	65	62	300	129	65	65	441	441	130	65	65	441	441	130	65	65	441	441
448A	65	62	300	127	80	80	441	441	126	80	80	441	441	125	85	85	441	441
457A	65	62	300	125	90	90	441	491	124	90	90	441	491	124	100	100	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403A	65	62	65	5/8	75	131	123	9/16X16	5/16	0	1013	5210	5010
412A	65	62	65	5/8	55	123	122	7/16X16	1/4	0	5210	5010	5210
421A	65	62	65	5/8	42	122	122	5/16X13	5/16	0	5210	1111	5210
430A	65	62	65	5/8	42	122	122	5/16X10	5/16	0	1111	5210	1111
439A	65	62	65	5/8	45	122	122	5/16X12	5/16	0	5210	1111	5210
448A	65	62	65	5/8	55	122	122	3/8 X16	1/4	0	5210	5010	5210
457A	65	62	65	5/8	75	123	131	1/2 X16	5/16	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403A	65	62	64	5/8	75	131	123	9/16X16	5/16	0	1013	5210	5010
~~412A~~	~~65~~	~~62~~	~~64~~	~~5/8~~	~~55~~	~~123~~	~~123~~	~~7/16X16~~	~~1/4~~	~~0~~	~~5210~~	~~5010~~	~~5210~~
421A	65	62	64	5/8	42	122	122	5/16X13	5/16	0	5210	1111	5210
430A	65	62	64	5/8	42	122	122	5/16X10	5/16	0	1111	5210	1111
439A	65	62	64	5/8	45	122	122	5/16X13	5/16	0	5210	1111	5210
448A	65	62	64	5/8	60	122	122	3/8 X16	1/4	0	5210	5010	5210
457A	65	62	64	5/8	80	123	131	1/2 X16	5/16	0	5010	5210	1013

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403A	65	62	63	11/16	75	131	123	9/16X16	5/16	0	1013	5210	5010
412A	65	62	63	11/16	55	123	123	7/16X16	1/4	0	5210	5010	5210
421A	65	62	63	11/16	42	122	122	5/16X13	5/16	0	5210	1111	5210
430A	65	62	63	11/16	42	122	122	5/16X10	5/16	0	1111	5210	1111
439A	65	62	63	11/16	45	122	122	5/16X13	5/16	0	5210	1111	5210
448A	65	62	63	11/16	60	122	123	7/16X16	1/4	0	5210	5010	5210
457A	65	62	63	11/16	80	123	131	1/2 X16	5/16	0	5010	5210	1013

4-A1-284

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200A 65 63	210	130	85	85	681	681	530	100	100	0	0	128	100	100	491	681
400A 65 63	210	130	80	80	491	681	530	90	90	0	0	128	90	90	491	681

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 65 63	65	5/8	65	131	131	3/4 X16	3/8	1/4	1313	5010	5610
400A 65 63	65	5/8	60	131	131	3/4 X16	3/8	1/4	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200A 65 63	64	5/8	65	131	131	3/4 X16	3/8	1/4	1313	5010	5610
400A 65 63	64	5/8	60	131	131	3/4 X16	3/8	1/4	1313	5010	5610

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

4-A1-285

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	C1 FY1	C1 FY2	C1 CSU	C1 CSL	COLUMN 2 TYPE	C2 FY1	C2 FY2	C2 CSU	C2 CSL	COLUMN 3 TYPE	C3 FY1	C3 FY2	C3 CSU	C3 CSL
109A 66 63	300	135	55	55	442	492	135	50	50	442	492	136	50	50	442	492
118A 66 63	300	136	50	50	442	442	136	50	50	442	442	136	50	50	442	442
127A 66 63	300	136	50	50	442	442	136	46	46	442	442	136	46	46	442	442
133A 66 63	300	137	45	45	442	442	137	45	45	442	442	137	45	45	442	492
142A 66 63	300	137	50	50	492	492	136	50	50	492	492	136	55	55	492	492
151A 66 63	300	136	55	55	492	492	135	55	55	492	492	135	55	55	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 66 63	66	5/8	36	123	123	3/8 X16	5/16	0	5210	1411	5210
118A 66 63	66	5/8	36	122	122	5/16X15	5/16	0	1411	5210	1411
127A 66 63	66	5/8	36	122	122	5/16X13	5/16	0	5110	1411	5210
133A 66 63	66	5/8	36	122	122	5/16X16	5/16	0	5210	1411	5110
142A 66 63	66	5/8	36	123	123	7/16X16	5/16	0	1411	5210	1411
151A 66 63	66	5/8	42	123	123	7/16X16	5/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 66 63	65	5/8	36	123	123	3/8 X16	5/16	0	5210	1411	5210
118A 66 63	65	5/8	36	122	122	5/16X15	5/16	0	1411	5210	1411
127A 66 63	65	5/8	36	122	122	5/16X13	5/16	0	5110	1411	5210
133A 66 63	65	5/8	36	122	123	3/8 X16	5/16	0	5210	1411	5110
142A 66 63	65	5/8	36	123	123	7/16X16	5/16	0	1411	5210	1411
151A 66 63	65	5/8	42	123	123	7/16X16	5/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109A 66 63	64	5/8	36	123	123	3/8 X16	5/16	0	5210	1411	5210
118A 66 63	64	5/8	36	123	122	5/16X16	5/16	0	1411	5210	1411
127A 66 63	64	5/8	36	122	122	5/16X13	5/16	0	5110	1411	5210
133A 66 63	64	5/8	36	122	123	3/8 X16	5/16	0	5210	1411	5110
142A 66 63	64	5/8	36	123	123	7/16X16	5/16	0	1411	5210	1411
151A 66 63	64	5/8	42	123	123	7/16X16	5/16	0	5210	1411	5210

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

4-A1-286

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
209A 66 63	300	125	90	90	491	491	125	90	90	441	491	125	85	85	441	491
218A 66 63	300	130	65	65	441	441	130	65	65	441	441	130	65	65	441	441
227A 66 63	300	129	60	60	431	441	129	60	60	431	431	129	60	60	431	431
233A 66 63	300	129	60	60	431	431	129	60	60	431	431	129	55	55	431	431
242A 66 63	300	130	55	55	441	441	130	55	55	441	441	130	60	60	441	441
251A 66 63	300	125	75	75	441	441	125	80	80	441	441	125	80	80	441	441

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A 66 63	66	5/8	65	123	123	7/16X16	1/4	0	5010	5210	1212
218A 66 63	66	5/8	45	122	122	5/16X14	5/16	0	1611	5210	1111
227A 66 63	66	5/8	42	122	122	5/16X11	5/16	0	5110	1111	5210
233A 66 63	66	5/8	42	122	122	5/16X10	5/16	0	5210	1111	5110
242A 66 63	66	5/8	42	122	122	5/16X12	5/16	0	1111	5210	1611
251A 66 63	66	5/8	55	122	122	3/8 X16	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A 66 63	65	5/8	60	123	123	7/16X16	1/4	0	5010	5210	1212
~~218A 66 63~~	~~65~~	~~5/8~~	~~45~~	~~122~~	~~122~~	~~5/16X14~~	~~5/16~~	~~0~~	~~1611~~	~~5210~~	~~1111~~
227A 66 63	65	5/8	42	122	122	5/16X11	5/16	0	5110	1111	5210
233A 66 63	65	5/8	42	122	122	5/16X10	5/16	0	5210	1111	5110
242A 66 63	65	5/8	42	122	122	5/16X13	5/16	0	1111	5210	1611
251A 66 63	65	5/8	55	122	122	3/8 X16	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34560
UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209A 66 63	64	5/8	60	123	123	7/16X16	1/4	0	5010	5210	1212
218A 66 63	64	5/8	45	122	122	5/16X14	5/16	0	1611	5210	1111
227A 66 63	64	5/8	42	122	122	5/16X11	5/16	0	5110	1111	5210
233A 66 63	64	5/8	42	122	122	5/16X10	5/16	0	5210	1111	5110
242A 66 63	64	5/8	42	122	122	5/16X13	5/16	0	1111	5210	1611
251A 66 63	64	5/8	55	122	122	3/8 X16	1/4	0	1212	5210	5010

4-A1-287

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309A 66 63	300	135	55	55	442	492	135	50	50	442	492	136	50	50	442	492
318A 66 63	300	136	50	50	442	442	136	50	50	442	442	136	50	50	442	442
327A 66 63	300	136	50	50	442	442	136	50	50	442	442	136	50	50	442	442
333A 66 63	300	137	55	55	442	442	137	55	55	442	442	137	55	55	442	442
342A 66 63	300	137	55	55	492	492	136	55	55	492	492	136	55	55	492	492
351A 66 63	300	136	55	55	492	492	135	55	55	492	492	135	55	55	492	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
309A 66 63	66	5/8	36	122	122	5/16X15	5/16	0	5210	1411	5210
318A 66 63	66	5/8	36	122	122	5/16X14	5/16	0	1411	5210	1411
327A 66 63	66	5/8	36	122	122	5/16X13	5/16	0	5110	1411	5210
333A 66 63	66	5/8	36	122	122	5/16X15	5/16	0	5210	1411	5110
342A 66 63	66	5/8	42	123	123	3/8 X16	5/16	0	1411	5210	1411
351A 66 63	66	5/8	42	123	123	7/16X16	5/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
309A 66 63	65	5/8	36	123	122	5/16X16	5/16	0	5210	1411	5210
318A 66 63	65	5/8	36	122	122	5/16X15	5/16	0	1411	5210	1411
327A 66 63	65	5/8	36	122	122	5/16X13	5/16	0	5110	1411	5210
333A 66 63	65	5/8	36	122	122	5/16X16	5/16	0	5210	1411	5110
342A 66 63	65	5/8	42	123	123	7/16X16	5/16	0	1411	5210	1411
351A 66 63	65	5/8	42	123	123	7/16X16	5/16	0	5210	1411	5210

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
309A 66 63	64	5/8	36	123	123	3/8 X16	5/16	0	5210	1411	5210
318A 66 63	64	5/8	36	122	122	5/16X15	5/16	0	1411	5210	1411
327A 66 63	64	5/8	36	122	122	5/16X13	5/16	0	5110	1411	5210
333A 66 63	64	5/8	36	122	123	3/8 X16	5/16	0	5210	1411	5110
342A 66 63	64	5/8	42	123	123	7/16X16	5/16	0	1411	5210	1411
351A 66 63	64	5/8	42	123	123	7/16X16	5/16	0	5210	1411	5210

4-A1-288

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
409A 66 63	300	125	85	85	491	491	125	85	85	441	491	125	80	80	441	491
418A 66 63	300	130	60	60	441	441	130	60	60	441	441	130	55	55	441	441
427A 66 63	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
433A 66 63	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
442A 66 63	300	130	65	65	441	441	130	65	65	441	441	130	65	65	441	441
451A 66 63	300	125	85	85	441	441	125	85	85	441	441	125	85	85	441	441

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A 66 63	66	5/8	60	123	123	7/16X16	1/4	0	5010	5210	1212
418A 66 63	66	5/8	42	122	122	5/16X14	5/16	0	1611	5210	1111
427A 66 63	66	5/8	42	122	122	5/16X10	5/16	0	5110	1111	5210
433A 66 63	66	5/8	42	122	122	5/16X11	5/16	0	5210	1111	5110
442A 66 63	66	5/8	45	122	122	5/16X13	5/16	0	1111	5210	1611
451A 66 63	66	5/8	60	122	122	3/8 X16	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A 66 63	65	5/8	55	123	123	7/16X16	1/4	0	5010	5210	1212
418A 66 63	65	5/8	42	122	122	5/16X14	5/16	0	1611	5210	1111
427A 66 63	65	5/8	42	122	122	5/16X10	5/16	0	5110	1111	5210
433A 66 63	65	5/8	42	122	122	5/16X11	5/16	0	5210	1111	5110
442A 66 63	65	5/8	42	122	122	5/16X13	5/16	0	1111	5210	1611
451A 66 63	65	5/8	55	122	122	3/8 X16	1/4	0	1212	5210	5010

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
409A 66 63	64	5/8	55	123	123	7/16X16	1/4	0	5010	5210	1212
418A 66 63	64	5/8	42	122	122	5/16X14	5/16	0	1611	5210	1111
427A 66 63	64	5/8	42	122	122	5/16X11	5/16	0	5110	1111	5210
433A 66 63	64	5/8	42	122	122	5/16X11	5/16	0	5210	1111	5110
442A 66 63	64	5/8	45	122	122	5/16X14	5/16	0	1111	5210	1611
451A 66 63	64	5/8	60	122	123	7/16X16	1/4	0	1212	5210	5010

4-A1-289

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100A 66 64	210	128	90	90	491	491	529	90	90	0	0	129	80	80	491	491
300A 66 64	210	128	85	85	491	491	529	85	85	0	0	129	75	75	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD 6	WD 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 66 64	66	5/8	65	131	131	5/8 X16	5/16	0	5410	5010	1313
300A 66 64	66	5/8	60	131	131	5/8 X16	5/16	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD 6	WD 7	SEAT DETAIL COL 1	COL 2	COL 3
100A 66 64	65	5/8	60	131	131	11/16X16	5/16	0	5410	5010	1313
300A 66 64	65	5/8	60	131	131	5/8 X16	5/16	0	5410	5010	1313

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

4-A1-290

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106A 67 64	301	132	65	65	441	491	133	65	65	441	492	134	65	65	441	492
115A 67 64	301	135	55	55	442	442	135	55	55	442	442	135	55	55	442	442
124A 67 64	301	135	55	55	442	442	135	55	55	442	442	135	55	55	442	442
136A 67 64	301	137	55	55	442	442	137	55	55	442	442	137	55	55	442	492
145A 67 64	301	135	60	60	492	492	135	60	60	492	492	135	60	60	492	492
154A 67 64	301	134	70	70	491	492	133	70	70	491	492	132	70	70	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
106A 67 64	67	5/8	45	123	123	9/16X16	5/16	0	1311	5110	1411
115A 67 64	67	5/8	42	123	123	9/16X16	5/16	0	5110	1411	5110
124A 67 64	67	5/8	36	123	122	7/16X16	5/16	0	1411	5110	1411
136A 67 64	67	5/8	42	123	123	5/8 X16	5/16	0	1411	5110	1411
145A 67 64	67	5/8	42	123	123	11/16X16	5/16	0	5110	1411	5110
154A 67 64	67	5/8	50	123	123	5/8 X16	5/16	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
106A 67 64	66	5/8	42	123	123	5/16X16	5/16	0	1311	5110	1411
115A 67 64	66	5/8	36	122	122	5/16X15	5/16	0	5110	1411	5110
124A 67 64	66	5/8	36	122	122	5/16X13	5/16	0	1411	5110	1411
136A 67 64	66	5/8	36	122	123	3/8 X16	5/16	0	1411	5110	1411
145A 67 64	66	5/8	36	123	123	7/16X16	5/16	0	5110	1411	5110
154A 67 64	66	5/8	42	123	123	7/16X16	5/16	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
106A 67 64	65	5/8	42	123	123	3/8 X16	5/16	0	1311	5110	1411
115A 67 64	65	5/8	36	123	122	5/16X16	5/16	0	5110	1411	5110
124A 67 64	65	5/8	36	122	122	5/16X14	5/16	0	1411	5110	1411
136A 67 64	65	5/8	36	123	123	3/8 X16	5/16	0	1411	5110	1411
145A 67 64	65	5/8	36	123	123	7/16X16	5/16	0	5110	1411	5110
154A 67 64	65	5/8	42	123	123	7/16X16	5/16	0	1411	5110	1311

4-A1-291

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
206A 67 64	301	124	100	100	491	491	124	100	100	441	491	124	100	100	441	491
215A 67 64	301	128	85	85	441	441	129	85	85	441	441	129	75	75	441	441
224A 67 64	301	129	75	75	431	441	129	75	75	431	441	129	75	75	431	441
236A 67 64	301	129	70	70	431	431	129	65	65	431	431	129	65	65	431	431
245A 67 64	301	129	65	65	441	441	129	70	70	441	441	128	75	75	441	441
254A 67 64	301	124	100	100	441	441	124	100	100	441	441	124	100	100	441	441

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A 67 64	67	5/8	70	123	123	5/8 X16	5/16	0	5110	1212	5110
215A 67 64	67	5/8	60	123	123	5/8 X16	1/4	0	1212	5510	5110
224A 67 64	67	5/8	55	122	122	3/8 X16	5/16	0	1111	5110	1111
236A 67 64	67	5/8	46	122	122	5/16X15	5/16	0	1111	5110	1111
245A 67 64	67	5/8	55	122	123	9/16X16	1/4	0	5110	5310	1212
254A 67 64	67	5/8	65	123	123	9/16X16	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
~~206A 67 64~~	~~66~~	~~5/8~~	~~65~~	~~123~~	~~123~~	~~7/16X16~~	~~1/4~~	~~0~~	~~5110~~	~~1212~~	~~5110~~
215A 67 64	66	5/8	50	122	122	7/16X16	1/4	0	1212	5510	5110
224A 67 64	66	5/8	42	122	122	5/16X12	5/16	0	1111	5110	1111
236A 67 64	66	5/8	42	122	122	5/16X11	5/16	0	1111	5110	1111
245A 67 64	66	5/8	45	122	122	3/8 X16	1/4	0	5110	5310	1212
254A 67 64	66	5/8	55	122	122	3/8 X16	1/4	0	5110	1212	5110

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
206A 67 64	65	5/8	65	123	123	7/16X16	1/4	0	5110	1212	5110
215A 67 64	65	5/8	50	123	122	7/16X16	1/4	0	1212	5510	5110
224A 67 64	65	5/8	42	122	122	5/16X12	5/16	0	1111	5110	1111
236A 67 64	65	5/8	42	122	122	5/16X11	5/16	0	1111	5110	1111
245A 67 64	65	5/8	42	122	122	3/8 X16	1/4	0	5110	5310	1212
254A 67 64	65	5/8	60	122	122	3/8 X16	1/4	0	5110	1212	5110

4-A1-292

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306A 67 64	301	132	65	65	441	441	133	65	65	441	442	134	60	60	441	442
315A 67 64	301	135	60	60	442	442	135	60	60	442	442	135	60	60	442	442
324A 67 64	301	135	55	55	442	442	135	55	55	442	442	135	60	60	442	442
336A 67 64	301	137	60	60	442	442	137	60	60	442	442	137	60	60	442	492
345A 67 64	301	135	65	65	492	492	135	65	65	492	492	135	65	65	492	492
354A 67 64	301	134	65	65	491	492	133	70	70	491	492	132	70	70	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 67 64	67	5/8	45	123	123	1/2 X16	5/16	0	1311	5110	1411
315A 67 64	67	5/8	42	123	123	1/2 X16	5/16	0	5110	1411	5110
324A 67 64	67	5/8	42	122	122	7/16X16	5/16	0	1411	5110	1411
336A 67 64	67	5/8	42	123	123	5/8 X16	5/16	0	1411	5110	1411
345A 67 64	67	5/8	45	123	123	5/8 X16	5/16	0	5110	1411	5110
354A 67 64	67	5/8	46	123	123	5/8 X16	5/16	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 67 64	66	5/8	42	122	122	5/16X15	5/16	0	1311	5110	1411
~~315A 67 64~~	~~66~~	~~5/8~~	~~36~~	~~122~~	~~122~~	~~5/16X15~~	~~5/16~~	~~0~~	~~5110~~	~~1411~~	~~5110~~
324A 67 64	66	5/8	36	122	122	5/16X13	5/16	0	1411	5110	1411
336A 67 64	66	5/8	36	122	123	3/8 X16	5/16	0	1411	5110	1411
345A 67 64	66	5/8	42	123	123	7/16X16	5/16	0	5110	1411	5110
354A 67 64	66	5/8	42	123	123	3/8 X16	5/16	0	1411	5110	1311

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
306A 67 64	65	5/8	42	123	123	5/16X15	5/16	0	1311	5110	1411
315A 67 64	65	5/8	36	122	122	5/16X15	5/16	0	5110	1411	5110
324A 67 64	65	5/8	36	122	122	5/16X13	5/16	0	1411	5110	1411
336A 67 64	65	5/8	36	122	123	3/8 X16	5/16	0	1411	5110	1411
345A 67 64	65	5/8	42	123	123	7/16X16	5/16	0	5110	1411	5110
354A 67 64	65	5/8	42	123	123	7/16X15	5/16	0	1411	5110	1311

4-A1-293

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
406A	67	64	301	124	100	100	441	491	124	100	100	441	491	124	100	100	441	491
415A	67	64	301	128	80	80	441	441	129	75	75	441	441	129	65	65	441	441
424A	67	64	301	129	65	65	431	441	129	70	70	431	431	129	70	70	431	431
436A	67	64	301	129	75	75	431	441	129	75	75	431	441	129	75	75	431	441
445A	67	64	301	129	75	75	441	441	129	80	80	441	441	128	85	85	441	441
454A	67	64	301	124	100	100	441	441	124	100	100	441	441	124	100	100	441	441

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	67	64	67	5/8	70	123	123	5/8 X16	5/16	0	5110	1212	5110
415A	67	64	67	5/8	55	123	123	5/8 X16	1/4	0	1212	5510	5110
424A	67	64	67	5/8	46	122	122	3/8 X16	5/16	0	1111	5110	1111
436A	67	64	67	5/8	55	122	122	5/16X16	5/16	0	1111	5110	1111
445A	67	64	67	5/8	60	123	123	9/16X16	1/4	0	5110	5310	1212
454A	67	64	67	5/8	70	123	123	9/16X16	1/4	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	67	64	66	5/8	60	123	123	7/16X16	1/4	0	5110	1212	5110
415A	67	64	66	5/8	46	122	122	7/16X16	1/4	0	1212	5510	5110
424A	67	64	66	5/8	42	122	122	5/16X11	5/16	0	1111	5110	1111
436A	67	64	66	5/8	42	122	122	5/16X11	5/16	0	1111	5110	1111
445A	67	64	66	5/8	50	122	122	3/8 X16	1/4	0	5110	5310	1212
454A	67	64	66	5/8	60	122	122	3/8 X16	1/4	0	5110	1212	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406A	67	64	65	5/8	60	123	123	7/16X16	1/4	0	5110	1212	5110
415A	67	64	65	5/8	45	122	122	7/16X16	1/4	0	1212	5510	5110
424A	67	64	65	5/8	42	122	122	5/16X12	5/16	0	1111	5110	1111
436A	67	64	65	5/8	42	122	122	5/16X12	5/16	0	1111	5110	1111
445A	67	64	65	5/8	50	122	122	3/8 X16	1/4	0	5110	5310	1212
454A	67	64	65	5/8	60	122	123	3/8 X16	1/4	0	5110	1212	5110

4-A1-294

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200A	67	65	211	129	100	100	491	681	529	100	100	0	0	127	100	100	491	491
400A	67	65	211	129	100	100	491	491	529	100	100	0	0	127	100	100	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS				SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5		NO 6	NO 7	COL 1	COL 2	COL 3
200A	67	65	67	5/8	80	132	132	1	X16	3/8	1/4	1313	5010	5610
400A	67	65	67	5/8	75	132	132	1	X16	3/8	1/4	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS				SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5		NO 6	NO 7	COL 1	COL 2	COL 3
200A	67	65	66	5/8	65	131	131	11/16	X16	3/8	1/4	1313	5010	5610
400A	67	65	66	5/8	65	131	131	11/16	X16	3/8	1/4	1313	5010	5610

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

4-A1-295

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103A 68 65	306	127	90	90	491	491	129	75	75	441	491	131	70	70	441	491
112A 68 65	306	135	60	60	442	442	135	60	60	442	442	135	60	60	442	442
121A 68 65	306	135	55	55	442	442	135	55	55	442	442	135	55	55	442	442
130A 68 65	306	136	55	55	442	442	136	55	55	442	442	136	55	55	442	442
139A 68 65	306	136	55	55	442	492	136	55	55	442	492	136	60	60	442	492
148A 68 65	306	135	60	60	492	492	135	60	60	492	492	135	60	60	492	492
157A 68 65	306	131	75	75	491	491	129	80	80	491	491	127	100	100	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 68 65	68	5/8	60	251	242	11/16X16	1/4	0	5110	1311	5210
112A 68 65	68	5/8	36	242	242	1/2 X16	5/16	0	1511	5210	1411
121A 68 65	68	5/8	36	242	242	3/8 X16	5/16	0	5210	1411	5210
130A 68 65	68	5/8	36	242	242	3/8 X16	5/16	0	1411	5210	1411
139A 68 65	68	5/8	36	242	242	1/2 X16	5/16	0	5210	1411	5210
148A 68 65	68	5/8	36	242	242	9/16X16	5/16	0	1411	5210	1511
157A 68 65	68	5/8	65	242	251	3/4 X16	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 68 65	67	5/8	75	131	123	3/4 X16	5/16	0	5110	1311	5210
112A 68 65	67	5/8	42	123	123	9/16X16	5/16	0	1511	5210	1411
121A 68 65	67	5/8	36	123	123	1/2 X16	5/16	0	5210	1411	5210
130A 68 65	67	5/8	36	122	123	1/2 X16	5/16	0	1411	5210	1411
139A 68 65	67	5/8	42	123	123	5/8 X16	5/16	0	5210	1411	5210
148A 68 65	67	5/8	42	123	123	11/16X16	5/16	0	1411	5210	1511
157A 68 65	67	5/8	80	123	132	13/16X16	5/16	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
103A 68 65	66	5/8	60	131	123	1/2 X16	5/16	0	5110	1311	5210
112A 68 65	66	5/8	36	123	122	5/16X16	5/16	0	1511	5210	1411
121A 68 65	66	5/8	36	122	122	5/16X14	5/16	0	5210	1411	5210
130A 68 65	66	5/8	36	122	122	5/16X14	5/16	0	1411	5210	1411
139A 68 65	66	5/8	36	123	123	3/8 X16	5/16	0	5210	1411	5210
148A 68 65	66	5/8	36	123	123	7/16X16	5/16	0	1411	5210	1511
157A 68 65	66	5/8	65	123	131	9/16X16	5/16	0	5210	1311	5110

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

4-A1-296

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203A 68 65	306	124	100	100	491	491	124	100	100	441	491	124	100	100	441	491
212A 68 65	306	125	100	100	441	491	125	100	100	441	441	126	90	90	441	441
221A 68 65	306	129	75	75	441	441	129	75	75	431	441	129	70	70	431	441
230A 68 65	306	129	75	75	431	431	129	70	70	431	431	129	70	70	431	431
239A 68 65	306	129	60	60	431	441	129	60	60	431	441	129	65	65	431	441
248A 68 65	306	126	80	80	441	441	125	85	85	441	441	125	100	100	441	441
257A 68 65	306	124	100	100	441	441	124	100	100	441	441	124	100	100	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
203A 68 65	68	5/8	85	251	242	11/16X16	1/4	0	1013	5210	5010
212A 68 65	68	5/8	65	242	242	1/2 X16	1/4	0	5210	5010	5210
221A 68 65	68	5/8	45	242	242	5/16X15	5/16	0	5210	1111	5210
230A 68 65	68	5/8	45	241	241	5/16X12	5/16	0	1111	5210	1111
239A 68 65	68	5/8	42	241	242	5/16X14	5/16	0	5210	1111	5210
248A 68 65	68	5/8	55	242	242	7/16X16	1/4	0	5210	5010	5210
257A 68 65	68	5/8	80	242	251	9/16X16	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
203A 68 65	67	5/8	85	132	123	3/4 X16	5/16	0	1013	5210	5010
212A 68 65	67	5/8	70	123	123	5/8 X16	1/4	0	5210	5010	5210
221A 68 65	67	5/8	50	122	122	3/8 X16	5/16	0	5210	1111	5210
230A 68 65	67	5/8	50	122	122	5/16X13	5/16	0	1111	5210	1111
239A 68 65	67	5/8	42	122	122	3/8 X16	5/16	0	5210	1111	5210
248A 68 65	67	5/8	65	123	123	9/16X16	1/4	0	5210	5010	5210
257A 68 65	67	5/8	85	123	131	11/16X16	5/16	0	5010	5210	1013

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

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
203A 68 65	66	5/8	80	131	123	9/16X16	5/16	0	1013	5210	5010
212A 68 65	66	5/8	60	123	122	7/16X16	1/4	0	5210	5010	5210
221A 68 65	66	5/8	45	122	122	5/16X13	5/16	0	5210	1111	5210
230A 68 65	66	5/8	42	122	122	5/16X 9	5/16	0	1111	5210	1111
239A 68 65	66	5/8	42	122	122	5/16X12	5/16	0	5210	1111	5210
248A 68 65	66	5/8	50	122	122	3/8 X16	1/4	0	5210	5010	5210
257A 68 65	66	5/8	70	122	131	7/16X16	1/4	0	5010	5210	1013

4-A1-297

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303A	68	65	306	127	90	90	491	491	129	70	70	441	441	131	70	70	441	441
312A	68	65	306	135	60	60	442	442	135	60	60	442	442	135	60	60	442	442
321A	68	65	306	135	60	60	442	442	135	60	60	442	442	135	55	55	442	442
330A	68	65	306	136	60	60	442	442	136	60	60	442	442	136	60	60	442	442
339A	68	65	306	136	60	60	442	492	136	60	60	442	492	136	60	60	442	492
348A	68	65	306	135	65	65	492	492	135	65	65	492	492	135	65	65	492	492
357A	68	65	306	131	75	75	491	491	129	75	75	491	491	127	100	100	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A	68	65	68	5/8	60	251	242	5/8 X16	1/4	0	5110	1311	5210
312A	68	65	68	5/8	36	242	242	7/16X16	5/16	0	1511	5210	1411
321A	68	65	68	5/8	36	242	242	3/8 X16	5/16	0	5210	1411	5210
330A	68	65	68	5/8	36	242	242	3/8 X16	5/16	0	1411	5210	1411
339A	68	65	68	5/8	42	242	242	1/2 X16	5/16	0	5210	1411	5210
348A	68	65	68	5/8	42	242	242	9/16X16	5/16	0	1411	5210	1511
357A	68	65	68	5/8	65	242	251	3/4 X16	1/4	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A	68	65	67	5/8	70	131	123	3/4 X16	5/16	0	5110	1311	5210
312A	68	65	67	5/8	42	123	123	9/16X16	5/16	0	1511	5210	1411
321A	68	65	67	5/8	42	123	122	7/16X16	5/16	0	5210	1411	5210
330A	68	65	67	5/8	42	122	123	1/2 X16	5/16	0	1411	5210	1411
339A	68	65	67	5/8	42	123	123	5/8 X16	5/16	0	5210	1411	5210
348A	68	65	67	5/8	45	123	123	11/16X16	5/16	0	1411	5210	1511
357A	68	65	67	5/8	75	123	132	13/16X16	5/16	0	5210	1311	5110

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WD NO 6	WD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
303A	68	65	66	5/8	60	131	122	1/2 X16	1/4	0	5110	1311	5210
312A	68	65	66	5/8	36	122	122	5/16X15	5/16	0	1511	5210	1411
321A	68	65	66	5/8	36	122	122	5/16X13	5/16	0	5210	1411	5210
330A	68	65	66	5/8	36	122	122	5/16X14	5/16	0	1411	5210	1411
339A	68	65	66	5/8	36	123	123	3/8 X16	5/16	0	5210	1411	5210
348A	68	65	66	5/8	42	123	123	7/16X16	5/16	0	1411	5210	1511
357A	68	65	66	5/8	65	123	131	9/16X16	5/16	0	5210	1311	5110

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403A	68	65	306	124	100	100	491	491	124	100	100	441	491	124	100	100	441	491
412A	68	65	306	125	100	100	441	441	125	90	90	441	441	126	85	85	441	441
421A	68	65	306	129	65	65	441	441	129	65	65	431	441	129	60	60	431	441
430A	68	65	306	129	70	70	431	431	129	70	70	431	431	129	75	75	431	431
439A	68	65	306	129	70	70	431	441	129	70	70	431	441	129	75	75	441	441
448A	68	65	306	126	90	90	441	441	125	100	100	441	441	125	100	100	441	441
457A	68	65	306	124	100	100	441	441	124	100	100	441	441	124	100	100	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A	68	65	68	5/8	80	251	242	11/16X16	1/4	0	1013	5210	5010
412A	68	65	68	5/8	60	242	242	1/2 X16	1/4	0	5210	5010	5210
421A	68	65	68	5/8	42	242	242	5/16X15	5/16	0	5210	1111	5210
430A	68	65	68	5/8	45	241	241	5/16X12	5/16	0	1111	5210	1111
439A	68	65	68	5/8	45	242	242	5/16X15	5/16	0	5210	1111	5210
448A	68	65	68	5/8	60	242	242	1/2 X16	1/4	0	5210	5010	5210
457A	68	65	68	5/8	80	242	251	5/8 X16	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A	68	65	67	5/8	85	132	123	3/4 X16	5/16	0	1013	5210	5010
412A	68	65	67	5/8	70	123	123	5/8 X16	1/4	0	5210	5010	5210
421A	68	65	67	5/8	45	122	122	3/8 X16	5/16	0	5210	1111	5210
430A	68	65	67	5/8	50	122	122	5/16X14	5/16	0	1111	5210	1111
439A	68	65	67	5/8	50	122	122	3/8 X16	5/16	0	5210	1111	5210
448A	68	65	67	5/8	70	123	123	9/16X16	1/4	0	5210	5010	5210
457A	68	65	67	5/8	85	123	131	11/16X16	5/16	0	5010	5210	1013

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

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
403A	68	65	66	5/8	75	131	123	1/2 X16	5/16	0	1013	5210	5010
412A	68	65	66	5/8	55	123	122	7/16X16	1/4	0	5210	5010	5210
421A	68	65	66	5/8	42	122	122	5/16X12	5/16	0	5210	1111	5210
430A	68	65	66	5/8	42	122	122	5/16X10	5/16	0	1111	5210	1111
439A	68	65	66	5/8	45	122	122	5/16X12	5/16	0	5210	1111	5210
448A	68	65	66	5/8	55	122	122	3/8 X16	1/4	0	5210	5010	5210
457A	68	65	66	5/8	75	122	131	1/2 X16	1/4	0	5010	5210	1013

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