SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Engineers

PROJECT THE WORLD TRADE CENTER | TITLE PLATE GIRDER SCHEDULE (CONTINUED) | DATE 5-1-68

REVISIONS
7-19-68
9-4-68
10-15-68

TYPE	Flange Pls Size	Flange Pls Fy	Web Pl Size	Web Pl Fy	Intermediate stiffener pairs Size, eq.	Intermediate stiffener pairs Location	Left Conn. Det.	Right Conn. Det.	Remarks
J2C	44"x5"	42	52"x1 7/8"	42	none	—	12-JK2-117	12-JK2-118	
J2D	34"x5"	42	52"x1 3/8"	42	none	—	12-JK2-115	12-JK2-119	
J4A	44"x5"	42	52"x1 7/8"	42	none	—	12-JK2-120	12-JK2-117	
J4B	40"x3"	42	56"x1 5/8"	42	none	—	12-JK2-121	12-JK2-122	
J4C	32"x3"	42	48"x 5/8"	42	6"x 3/8" Fy=42	63";113";163";243";339";435";535";615"	12-JK2-123	12-JK2-124	
J4D		42							See 12-JK2-105
J4E	22"x3"	42	48"x1/4"	42	none	—	12-JK2-127	12-JK2-113 (Type B with A490 bolts)	
J4F	34"x2'2"	42	49"x1 5/8"	42	none	—	12-JK2-125	12-JK2-113 (Type B with A490 bolts)	
J4G	34"x2'2"	42	49"x1 5/8"	42	none	—	12-JK2-129	12-JK2-128 (Opp. hand)	
J4H	24"x2'2"	42	51"x 7/8"	42	none	—	12-JK2-157	12-JK2-113 (Type D with A490 bolts)	
J4I	24"x2'2"	42	51"x 7/8"	42	none	—	12-JK2-129	12-JK2-128 (Opp. Hand)	
J4J	22"x2"	42	52"x 3/4"	42	6"x 3/8" Fy=42	90", 375"	12-JK2-133	12-JK2-129	"A"
					10"x 5/8" Fy=42	204", 261"			
J4K	22"x2"	42	52"x 3/4"	42	6"x 3/8" Fy=42	18", 360", 470"	12-JK2-113 (Type E with A490 bolts)	12-JK2-113 (Type F with A490 bolts)	
					10"x 5/8" Fy=42	132", 250", 408"			
J4L	22"x2"	42	52"x 3/4"	42	6"x 3/8" Fy=42	14", 40", 112", 187"	12-JK2-129	12-JK2-128 (Opp. hand)	"A"
					10"x 5/8" Fy=42	298"			
J6A	24"x2"	36	52"x 3/4"	36	6"x 3/8"	75", 303", 417"	12-JK2-128	12-JK2-129	"A"
					10"x 5/8"	132", 189"			
J6B	20"x2 3/4"	36	50 1/2"x 3/4"	36	6"x 3/8"	250", 470"	12-JK2-113 (Type E)	12-JK2-113 (Type H)	
					10"x 5/8"	18", 132", 408"			
J6C	20"x2 3/4"	36	50 1/2"x 3/4"	36	6"x 3/8"	14", 42", 114"	12-JK2-129	12-JK2-134	"A"
					10"x 5/8"	189", 300"			
J6D	22"x2"	36	52"x 1/2"	36	6"x 3/8"	126";183";297";326";395";436"	12-JK2-128	12-JK2-129	"A"
					10"x 5/8"	69";240"			
J6E	22"x2"	36	52"x 1/2"	36	6"x 3/8"	18", 75", 132", 415", 470"	12-JK2-113 (Type G)	12-JK2-113 (Type G)	
					10"x 5/8"	250", 360"			
J6F	22"x2"	36	52"x 1/2"	36	6"x 3/8"	14", 55", 151", 318"	12-JK2-129	12-JK2-130	"A"
					10"x 5/8"	207"			
J6G	26"x2"	36	52"x 3/4"	36	6"x 3/8"	75", 189", 303", 401", 442"	12-JK2-128	12-JK2-129	"A"
					10"x 5/8"	246"			

See 12-JK2-100 For sketches and General notes.

"A" - Intermediate stiffeners to be welded to both top & bottom flanges. (A.W.S. min. welds)

12-JK2-101

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