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		Web Pl		Intermediate stiffener pairs		Left Conn. Det.	Right conn. Det.	Remarks
	Size	Fy	Size	Fy	Size, ea.	Location			
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 1/4"	42	none	—	12-JK2-127	12-JK2-113 (Type B with A490 bolts)	
J4F	34x2 1/2"	42	49x1 5/8"	42	none	—	12-JK2-128	12-JK2-113 (Type C with A490 bolts)	
J4G	34"x2 1/2"	42	49x1 5/8"	42	none	—	12-JK2-129	12-JK2-128 (Opp. hand)	
J4H	24"x2 1/2"	42	51"x 7/8"	42	none	—	12-JK2-157	12-JK2-113 (Type D with A490 bolts)	
J4I	24"x2 1/2"	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 10"x 5/8" Fy=42	90", 375" 204", 261"	12-JK2-133	12-JK2-129	"A"
J4K	22"x2"	42	52"x 3/4"	42	6"x 3/8" Fy=42 10"x 5/8" Fy=42	18", 360", 470" 132", 250", 408"	12-JK2-113 (Type E with A490 bolts)	12-JK2-113 (Type F with A490 bolts)	
J4L	22"x2"	42	52"x 3/4"	42	6"x 3/8" Fy=42 10"x 5/8" Fy=42	14", 40", 112", 187" 298"	12-JK2-129	12-JK2-128 (Opp. hand)	"A"
J6A	24"x2"	36	52"x 3/4"	36	6"x 3/8" 10"x 5/8"	75", 303", 417" 132", 189"	12-JK2-128	12-JK2-129	"A"
J6B	20x2 3/4"	36	50 1/2"x 3/4"	36	6"x 3/8" 10"x 5/8"	250", 470" 18", 132", 408"	12-JK2-113 (Type E)	12-JK2-113 (Type H)	
J6C	20"x2 3/4"	36	50 1/2"x 3/4"	36	6"x 3/8" 10"x 5/8"	14", 42", 114" 189", 300"	12-JK2-129	12-JK2-134	"A"
J6D	22"x2"	36	52"x 1/2"	36	6"x 3/8" 10"x 5/8"	126", 183", 297", 326", 395", 436" 69", 240"	12-JK2-128	12-JK2-129	"A"
J6E	22"x2"	36	52"x 1/2"	36	6"x 3/8" 10"x 5/8"	18", 75", 132", 415", 470" 250", 360"	12-JK2-113 (Type G)	12-JK2-113 (Type G)	
J6F	22"x2"	36	52"x 1/2"	36	6"x 3/8" 10"x 5/8"	14", 55", 151", 318" 207"	12-JK2-129	12-JK2-130	"A"
J6G	26"x2"	36	52"x 3/4"	36	6"x 3/8" 10"x 5/8"	75", 189", 303", 401", 442" 246"	12-JK2-128	12-JK2-129	"A"

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

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