SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Enginoors

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

REVISIONS
6-7-68
7-19-68
8.30-68
10-15-68
11-5-68
1-20-69

TYPE	Flange PLs Size	Fy	Web PL Size	Fy	Intermediate stiffener pairs Size, ea	Location	Left Conn. Det.	Right Conn. Det.	Remarks
J6H	26"x2½"	36	51"x¾"	36	6"x⅜"	18", 75", 360", 525"	12-JK2-113 (Type E)	12-JK2-128 (Opp. hand)	
					10"x⅝"	132", 250", 470"			
J6I	20"x1¾"	36	52½"x¾"	36	6"x⅜"	75", 246", 303", 406"	12-JK2-128	12-JK2-129	"A"
					10"x⅝"	132"			
J6J	20"x1¾"	36	52½"x¾"	36	6"x⅜"	14", 168", 286", 506"	12-JK2-113 (Type F)	12-JK2-113 (Type G)	
					10"x⅝"	54", 396"			
J6K	20"x1¾"	36	52½"x¾"	36	6"x⅜"	14", 55", 207", 319"	12-JK2-129	12-JK2-130	"A"
J6L	24"x1¼	36	52½"x⅝"	36	6"x⅜"	132", 303", 401", 442"	12-JK2-128A	12-JK2-129	"A"
					10"x⅝"	246"			
J6M	24"x1¾"	36	52½"x⅝"	36	6"x⅜"	132", 470"	12-JK2-113 (Type G)	12-JK2-113 (Type G)	
					10"x⅝"	18", 250", 360"			
J6N	24"x1¾"	36	52½"x⅝"	36	6"x⅜"	14", 49", 139", 306"	12-JK2-129	12-JK2-130	"A"
					10"x⅝"	183 1/16			
J6O	26"x4"	36	48"x1⅜"	36	None	—	12-JK2-134	12-JK2-130	
J6P	26"x4"	36	48"x1⅜"	36	None	—	12-JK2-113 (Type J)	12-JK2-113 (Type J)	
J6Q	26"x4"	36	48"x1⅜"	36	None	—	12-JK2-130	12-JK2-130	
J2E	20"x2½"	42	45"x¾"	42	8"x½" Fy=42	38.5", 72.5", 134.5", 168.5", 253.5", 301.5"	12-JK2-131	12-JK2-132	SEE 12-JK2-106 FOR BRACING DETAIL
					8"x1" Fy=42	50.5", 60.5", 146.5", 156.5"			
J2F	28"x2¾"	42	50½"x1"	42	None		12-JK2-135	12-JK2-119A	FL.=10"x3" from N5166.50 to North end. See 12-JK2-118A for detail of hanger at J3-13
J2G	22"x2"	42	52"x¾"	42	10"x⅜"	132", 252"	12-JK2-121	12-JK2-116	
J2H	26"x2½"	36	65"x1"	36	None		12-JK2-128	12-JK2-136	Bm. conn. @ both ends 12-JK2-113 type K
J2I	22"x2½"	36	65"x¾"	36	6"x⅜"	116", 296"	12-JK2-137	12-JK2-128	Col. Conn. 12-JK2-148. Bm. conn @ both ends 12-JK2-113 type L
J4M	16"x1½"	36	44"x½"	36	None		190 kips.	190 kips	
J4N	22"x2"	36	66"x¾"	36	None		338 kips.	12-JK2-138	Col. Conn. 12-JK2-148
J2J	24"x2"	42	52"x¾"	42	10"x⅜"	96", 186", 276", 366", 456"	12-JK2-116	12-JK2-121	

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

DRAWN S.C.
REVIEWED E.L.

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

Where connection reaction in kips are given, use standard AISC connection.
"A" - Intermediate stiffeners to be welded to both top & bottom flanges. (A.W.S. min. welds)

12-JK2-102