SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT THE WORLD TRADE CENTER | TITLE SCHEDULE FOR SHEAR CONNECTORS | DATE 11-5-68

REVISIONS

Schedule "A"

Beam No.	Stud Size	No. Of Rows		Zone 1	Zone 2	Zone 3
153	7/8"ϕx3½"	2	Length	4'-0"	6'-0"	
			Spacing	4½"	7¾"	
154		4	Length	4'-0"	6'-0"	
			Spacing	5"	6¾"	15"
155		4	Length	4'-0"	6'-0"	
			Spacing	4½"	7½"	13½"
156		2	Length	4'-0"	6'-0"	
			Spacing	5"	7"	15"
157		4	Length	4'-0"	6'-0"	
			Spacing	5¾"	7¾"	17"
158		2	Length	4'-0"	6'-0"	
			Spacing	3¾"	5¾"	21"
159		2	Length	4'-0"	6'-0"	
			Spacing	3¾"	6¼"	
160		2	Length	4'-0"	6'-0"	
			Spacing	4¼"	6¼"	16"
161		2	Length	4'-0"	6'-0"	
			Spacing	3"	4"	9"
162		4	Length	4'-0"	6'-0"	
			Spacing	4¾"	6½"	14½"
163		4	Length	4'-0"	6'-0"	
			Spacing	4"	5¼"	17½"
164		4	Length	4'-0"	6'-0"	
			Spacing	5¼"	7½"	22"
165		2	Length	4'-0"	6'-0"	
			Spacing	3½"	5½"	5½"
166		4	Length	4'-0"	6'-0"	
			Spacing	5"	7"	16½"
167		2	Length	4'-0"	6'-0"	
			Spacing	3¼"	4¾"	14"
168		4	Length	4'-0"	6'-0"	
			Spacing	3"	4¼"	9½"
			Length	4'-0"	6'-0"	

Schedule "A"

Beam No.	Stud Size	No. Of Rows		Zone 1	Zone 2	Zone 3
171	7/8"ϕx3½"	2	Length	4'-0"	6'-0"	
			Spacing	3¼"	4¾"	12¼"
172		2	Length	4'-0"	6'-0"	
			Spacing	3½"	4½"	10"
173		2	Length	4'-0"	6'-0"	
			Spacing	3¼"	4½"	10"
174		2	Length	4'-0"	5'-0"	
			Spacing	3¾"	5"	11"
175		2	Length	4'-0"	6'-0"	
			Spacing	4¾"	6½"	14½"
176		4	Length	4'-0"	6'-0"	
			Spacing	4¼"	6"	13"
177		2	Length	4'-0"	6'-0"	
			Spacing	3¾"	5¼"	13½"
178		2	Length	4'-0"	6'-0"	
			Spacing	4½"	6¼"	13¾"
179		2	Length	4'-0"	6'-0"	
			Spacing	3½"	5"	11"
180		2	Length	4'-0"	6'-0"	
			Spacing	3¼"	4½"	10"
181		4	Length	4'-0"	6'-0"	
			Spacing	4½"	6"	13¼"
182		4	Length	4'-0"	6'-0"	
			Spacing	4½"	6"	13½"
183		2	Length	4'-0"	6'-0"	
			Spacing	3¾"	5"	9¾"
184		2	Length	4'-0"	6'-0"	
			Spacing	4¼"	6"	13"
185	7/8"ϕx3½"	6	Length	4'-0"	6'-0"	
			Spacing	3¾"	5¼"	11½"

Notes:

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

DESIGNED