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

PROJECT THE WORLD TRADE CENTER | TITLE SCHEDULE FOR SHEAR CONNECTORS | DATE 7-19-68

REVISIONS

Schedule "A"

Beam No.	Stud Size	No. Of Rows		Zone 1	Zone 2	Zone 3
1	$\frac{3}{4}\phi \times 3"$	4	Length	4'-0"	4'-0"	
			Spacing	$3\frac{3}{4}$"	$3\frac{3}{4}$"	$4\frac{5}{8}$"
2	$\frac{3}{4}\phi \times 3"$	2	Length	4'-0"	4'-0"	
			Spacing	3¼"	3¼"	4"
3	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	4'-0"	4'-0"	
			Spacing	3"	4¼"	$5\frac{3}{4}$"
4	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	4'-0"	4'-0"	
			Spacing	3"	4¼"	5¾"
5	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	4	Length	5'-0"	5'-0"	
			Spacing	3½"	$3\frac{3}{4}$"	$7\frac{1}{2}$"
6	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	5'-0"	5'-0"	
			Spacing	3"	4¼"	8¼"
7	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	4	Length	5'-0"	5'-0"	
			Spacing	4"	$4\frac{3}{4}$"	6
8	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	5'-0"	5'-0"	
			Spacing	3½"	4½"	5½"
9	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	4 & 2	Length	4'-0"	4'-0"	
			Spacing	4@ 4"	2@4¼"	2@5½"
10	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length			
			Spacing	9"	9"	9"
11	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	6'-0"	6'-0"	
			Spacing	5"	6"	8"
12	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length			
			Spacing	5½"	5½"	5½"
13	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	5'-0"	3'-0"	
			Spacing	3¼"	5"	6½"
14	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	5'-0"	5'-0"	
			Spacing	3"	5"	5"
15	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	6'-0"	6'-0"	
			Spacing	$3\frac{3}{4}$"	4½"	7¼"
16	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	6'-0"	6'-0"	
			Spacing	4"	$4\frac{3}{4}$"	8"
			Length	6'-0"	6'-0"	

Schedule "A"

Beam No.	Stud Size	No. Of Rows		Zone 1	Zone 2	Zone 3
19	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	6'-0"	6'-0"	
			Spacing	$3\frac{3}{4}$"	4¼"	8¼"
20	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	6'-0"	6'-0"	
			Spacing	4¼"	5½"	11"
21	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	6'-0"	6'-0"	
			Spacing	$6\frac{3}{4}$"	$6\frac{3}{4}$"	8"
22	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	6'-0"	6'-0"	
			Spacing	4"	5¼"	7½"
23	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	6'-0"	6'-0"	
			Spacing	4½"	5¼"	9½"
24	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	6'-0"	6'-0"	
			Spacing	4½"	$5\frac{3}{4}$"	11½"
25	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	6'-0"	6'-0"	
			Spacing	4½"	6¼"	10"
26	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	6'-0"	6'-0"	
			Spacing	3½"	$4\frac{3}{4}$"	7¼"
27	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	4'-0"	4'-0"	
			Spacing	$3\frac{3}{4}$"	5"	$6\frac{3}{4}$"
28	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	4'-0"	4'-0"	
			Spacing	3½"	4½"	6"
29	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	4'-0"	4'-0"	
			Spacing	4¼"	5½"	7½"
30	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	4'-0"	4'-0"	
			Spacing	4½"	$5\frac{3}{4}$"	$7\frac{3}{4}$"
31	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	4'-0"	4'-0"	
			Spacing	$3\frac{3}{4}$"	$4\frac{3}{4}$"	6"
32	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	3	Length	4'-0"		
			Spacing	3½"	5½"	5½"
33	$\frac{7}{8}\phi \times 3\frac{1}{2}"$	2	Length	4'-0"		
			Spacing	3¼"	5¼"	5¼"

Note:

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