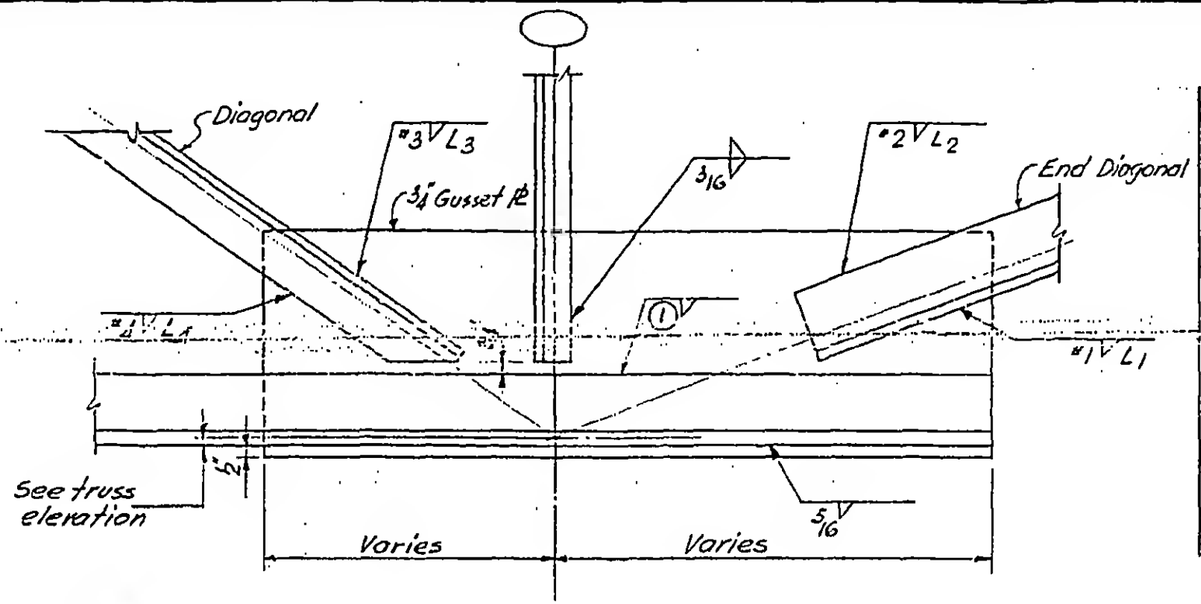
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: FLOOR TRUSS DETAIL 5.1 | DATE: 3-19-69

REVISIONS



Member size	End Diagonal			
	Weld #1	L_1	Weld #2	L_2
1¼ x 1¼ x ¼	¼	6	3/16	4
1¾ x 1¾ x ¼	5/16	6	3/16	4
3 x 2 x ¼	3/8	6	3/16	6
2½ x 2 x 5/16	3/8	7	¼	5
2½ x 2 x 3/8	3/8	7	¼	6
3 x 2 x 7/16	3/8	9	5/16	6
3 x 2 x 3/8	3/8	9	5/16	6
3 x 2 x ½	7/16	9	3/8	6
4 x 3½ x 3/8	9/16	10	5/16	7
4 x 3½ x ½	11/16	10	7/16	7
2½ x 2 x ¼	3/8	6	3/16	6

Note (1)
¼" for JL ≤ to ¾" thick
5/16" for JL > than ¾" thick

See 7-B7 for truss elevations

Member size	Diagonal			
	Weld #3	L_3	Weld #4	L_4
1¾ x 1¼ x ¼	¼	4	3/16	4
2 x 1½ x ¼	5/16	5	3/16	5
2½ x 1½ x ¼	5/16	6	3/16	5
2½ x 2 x ¼	5/16	6	3/16	5
2½ x 2 x 5/16	5/16	6	¼	5
3 x 2 x ¼	5/16	7	3/16	5
3 x 2 x 7/16	5/16	9	5/16	6
3 x 2 x ½	7/16	9	5/16	6
3 x 2½ x ½	7/16	9	5/16	6

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7-B8-5.1