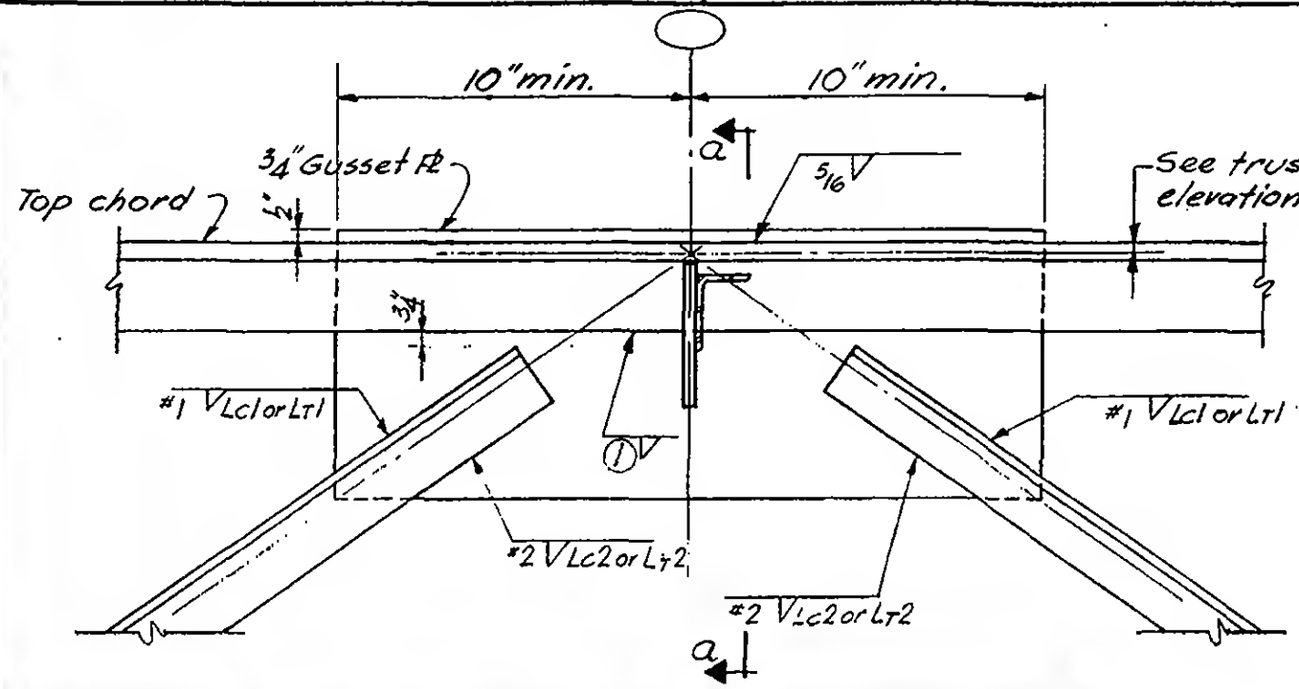
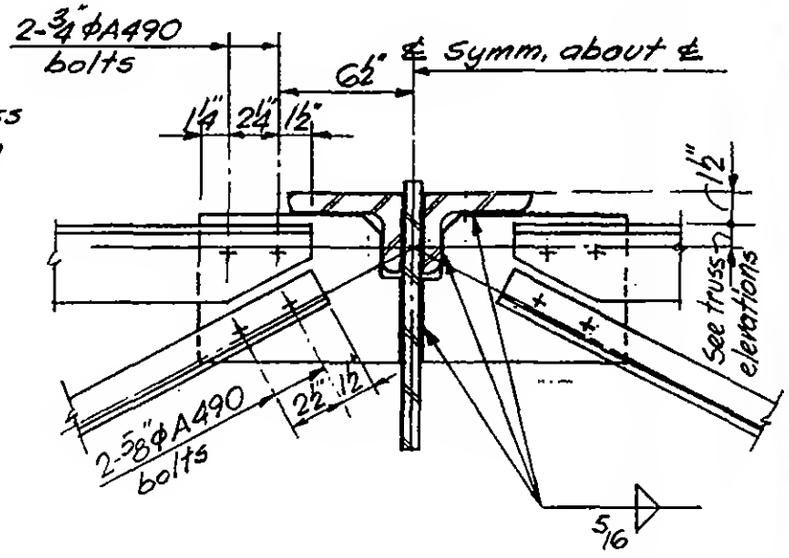
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: FLOOR TRUSS DETAIL 3.1 | DATE: 3-19-69

REVISIONS





Section a-a

Diagonal member size	Compression				Tension			
	Weld #1	Lc1	Weld #2	Lc2	Weld #1	Lt1	Weld #2	Lt2
1 × 1 × 1/4	—	—	—	—	1/4	6	3/16	4
1 1/4 × 1 1/4 × 1/4	—	—	—	—	1/4	6	3/16	4
1 3/4 × 1 1/4 × 1/4	1/4	6	3/16	4	1/4	6	3/16	4
1 3/4 × 1 3/4 × 1/4	1/4	6	3/16	4	5/16	6	3/16	4
2 × 1 1/2 × 1/4	1/4	6	3/16	4	—	—	—	—
2 1/2 × 1 1/2 × 1/4	1/4	6	3/16	4	1/4	7	3/16	5
2 1/2 × 2 × 1/4	1/4	6	3/16	4	5/16	7	3/16	5
2 1/2 × 1 1/2 × 5/16	1/4	6	1/4	4	5/16	7	1/4	5
2 1/2 × 2 × 5/16	5/16	6	1/4	4	3/8	7	1/4	5
2 1/2 × 2 × 3/8	5/16	7	1/4	5	5/16	9	1/4	6
3 × 2 × 1/4	5/16	7	3/16	5	—	—	—	—
3 × 2 × 3/8	3/8	7	5/16	5	3/8	9	5/16	6
3 × 2 × 7/16	5/16	9	5/16	6	—	—	—	—
3 × 2 × 1/2	3/8	9	5/16	6	7/16	9	3/8	6
3 × 2 1/2 × 1/2	7/16	9	5/16	6	—	—	—	—

Note ① 1/4" for Tr ≤ to 3/4" thick
5/16" for Tr > than 3/4" thick

See 7-B7 for truss elevations.

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7-B8-3.1