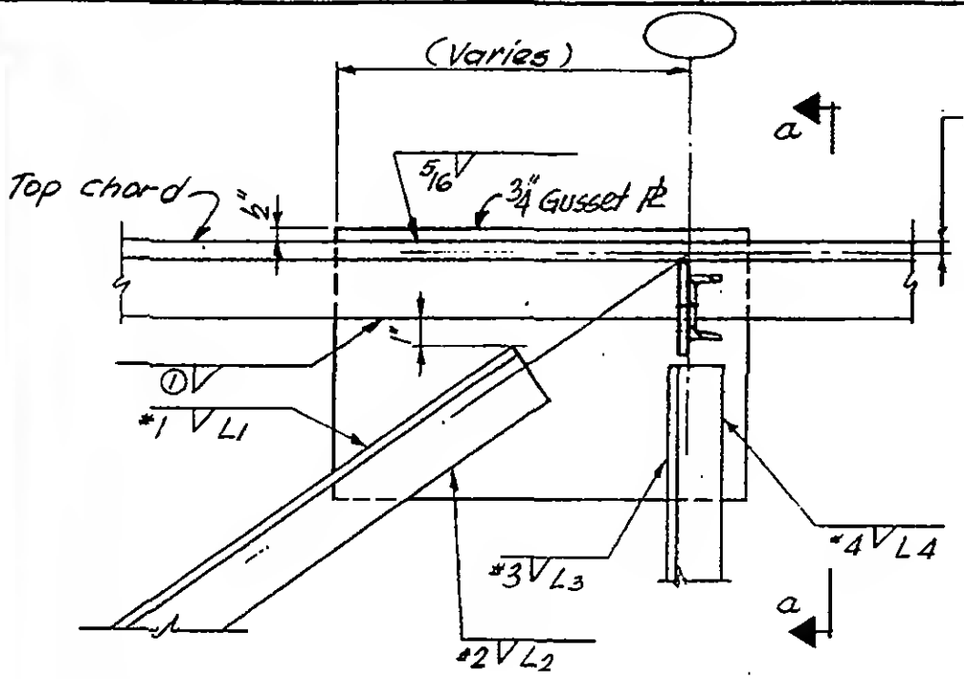
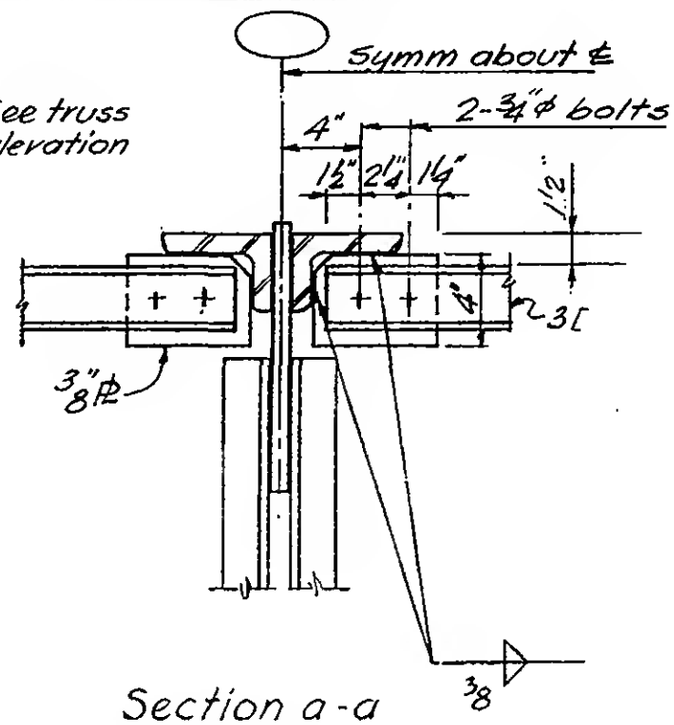
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: FLOOR TRUSS DETAIL 6.1 | DATE: 3-19-69

REVISIONS



Note ①
1/4" for tr ≤ to 3/4" thick
5/8" for tr > 3/4" thick
See 7-B7 for truss elevation



Section a-a

Member size	Diagonal			
	Weld #1	L_1	Weld #2	L_2
1¾ × 1¾ × ¼	5/16	6	3/16	4
2½ × 1½ × ¼	¼	7	3/16	5
2½ × 2 × ¼	5/16	7	3/16	5
1¼ × 1¼ × ¼	¼	6	3/16	4
1 × 1 × ¼	¼	6	3/16	4

Member size	Vertical				
	Weld #3	L_3	Weld #4	L_4	Weld #5
1¾ × 1¼ × ¼	¼	4	3/16	4	—
2½ × 1½ × ¼	5/16	5	3/16	5	—
2½ × 2 × 5/16	7/16	5	¼	5	—
2½ × 2 × 3/8	½	5	¼	5	—
2½ × 2 × ¼	7/16	5	3/16	5	
1¼ × 1¼ × ¼	3/16	5	3/16	5	

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34960 — UNIVERSITY OF THE STATE OF NEW YORK

DESIGNED: K. Hwang
DRAWN: A.L. FRANQUI
REVIEWED: W. Brewer

7-B8-6.1