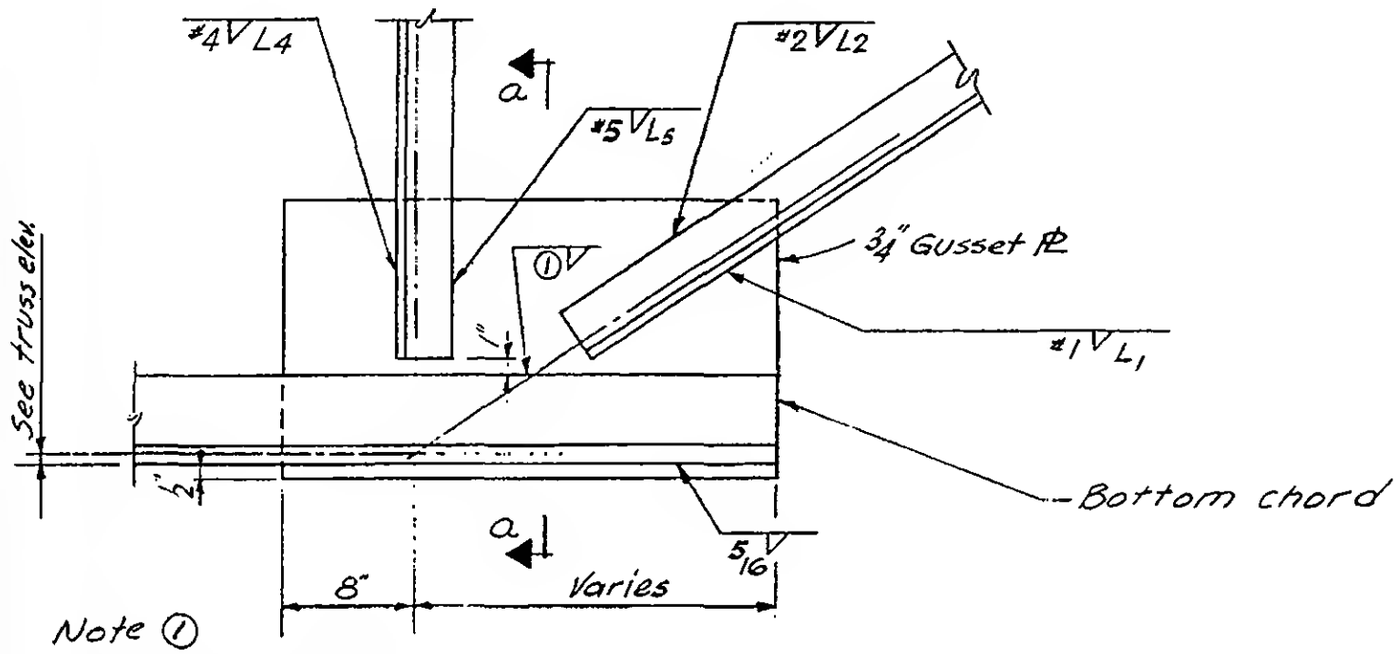
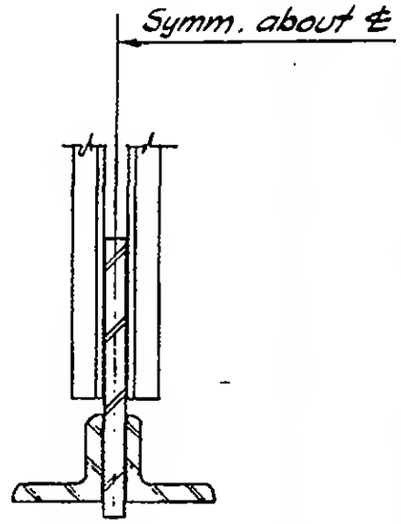
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: FLOOR TRUSS DETAIL 7.1 7.3 7.5 | DATE: 3-19-69

REVISIONS





Section a-a

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

Member size	Diagonal				Detail
	Weld #1	L_1	Weld #2	L_2	
1¼×1¼×¼	¼	6	3/16	4	7.5
1¾×1¾×¼	5/16	6	3/16	4	7.3 & 7.5
2½×1½×5/16	3/8	6	¼	5	7.3
2½×2×¼	3/8	6	3/16	5	7.1
2½×2×5/16	3/8	7	¼	5	7.1
4×3½×½	11/16	10	7/16	8	7.6

Member size	Vertical				Detail
	Weld #4	L_4	Weld #5	L_5	
1¼×1¼×¼	3/16	5	3/16	5	7.5
1¾×1¼×¼	¼	4	3/16	4	7.1 & 7.5
2½×1½×¼	5/16	5	3/16	5	7.1
2½×2×¼	3/8	5	3/16	5	7.3

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-B8-7.1