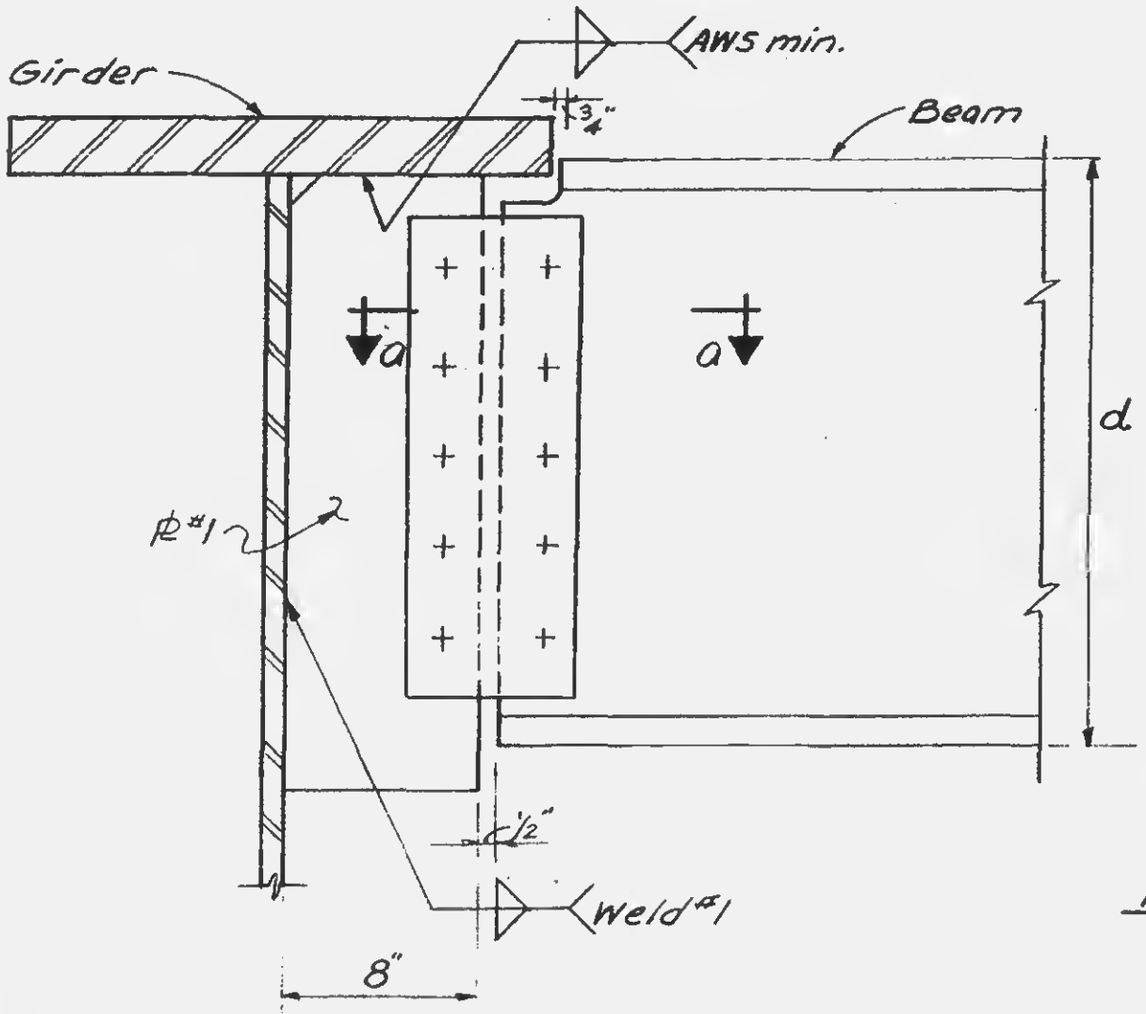
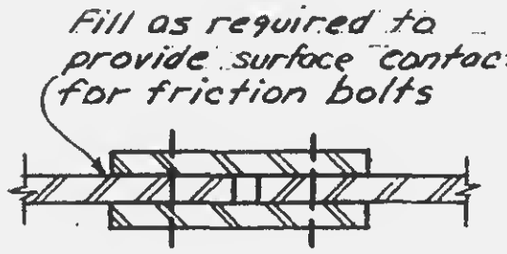
SKILLING - HELLE - CHRISTIANSEN - ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: TYPICAL BEAM TO GIRDER CONNECTION | DATE: 5-1-68

REVISIONS
7-19-68

NO STIFFENER AT CONNECTION





Section a-a

NOTES:

1. Use H.S. friction bolts. A325 (A490 for all connections at El. 310 within Zone J-2 & J-4 areas.)
2. Size and number of bolts, shear plate thickness and Weld #1 to be determined by beam reaction. See plans for beam reaction.
3. Forces at the connection are a vertical reaction from the beam (R), and a horizontal force equal to $\frac{16}{d}$ (R)

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

12-JK2-111