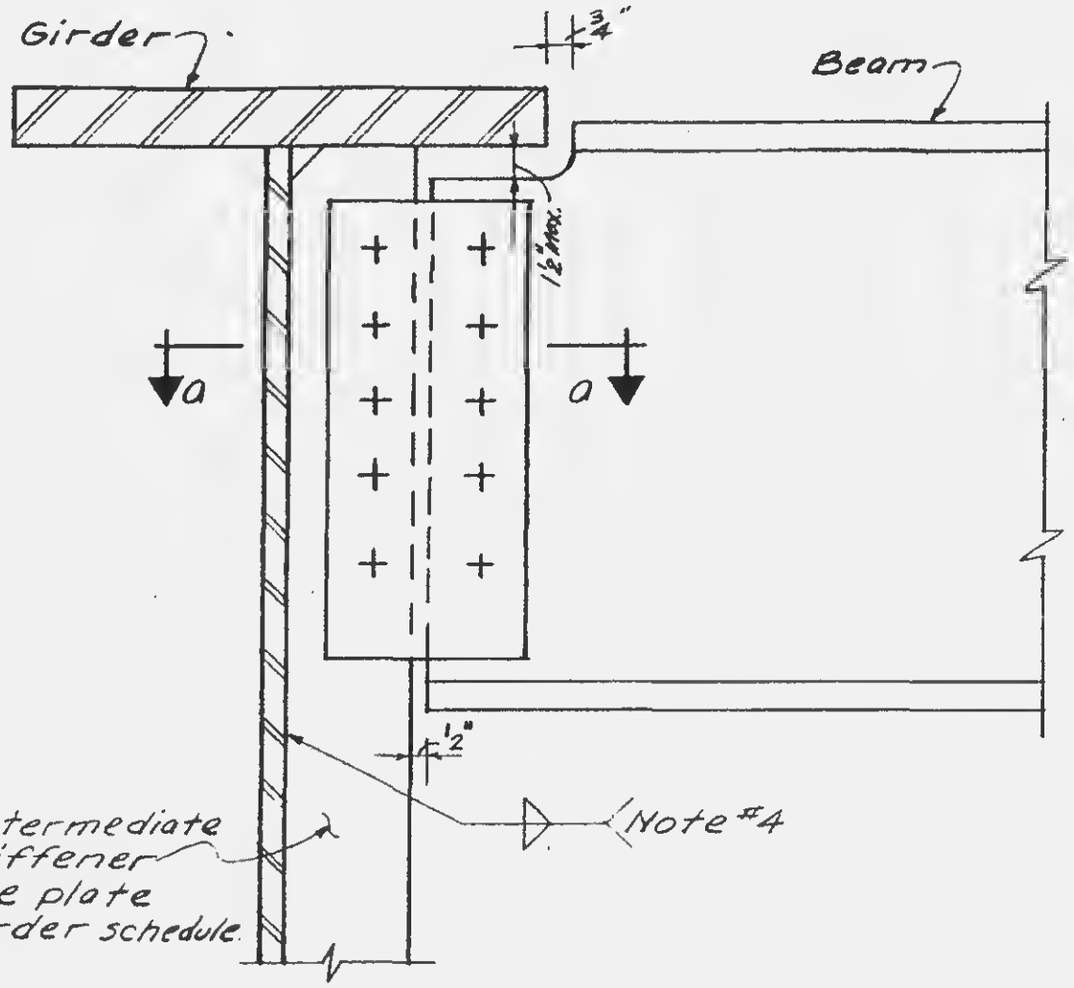
SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Engineers

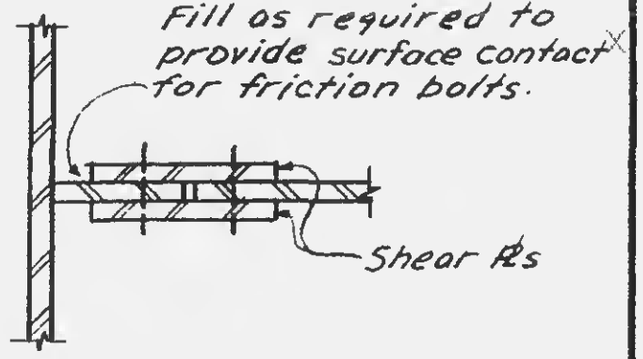
PROJECT THE WORLD TRADE CENTER | TITLE TYPICAL BEAM TO GIRDER CONNECTION | DATE 5-1-68

REVISIONS

7-19-68

CONNECTION AT STIFFENER





Section a-a

NOTES:

1. Use H.S. friction bolts. A325 (A490 bolts for all connections at El. 310 within Zone J-2 & J-4 areas)
2. Size and number of bolts and shear plate thickness to be determined by beam reaction. See plans for beam reaction.
3. Stiffener width and/or thickness may be increased above that shown in the schedule when necessary to improve beam connection.
4. Increase fillet weld above AWS min. when required by beam reaction.

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

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