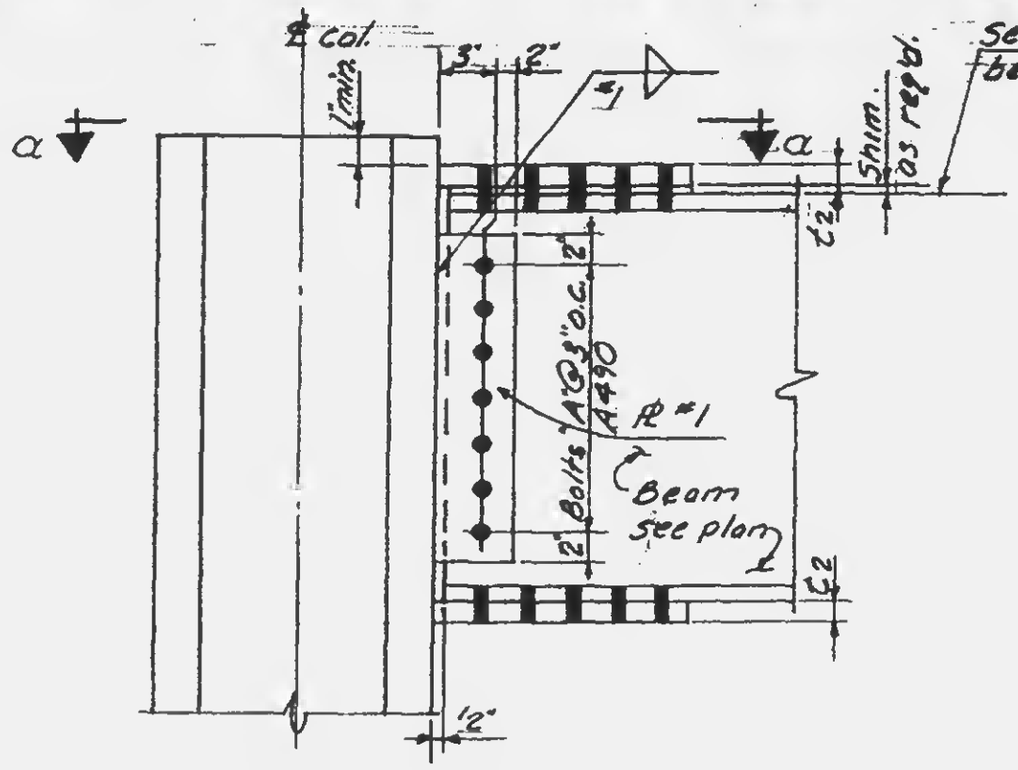
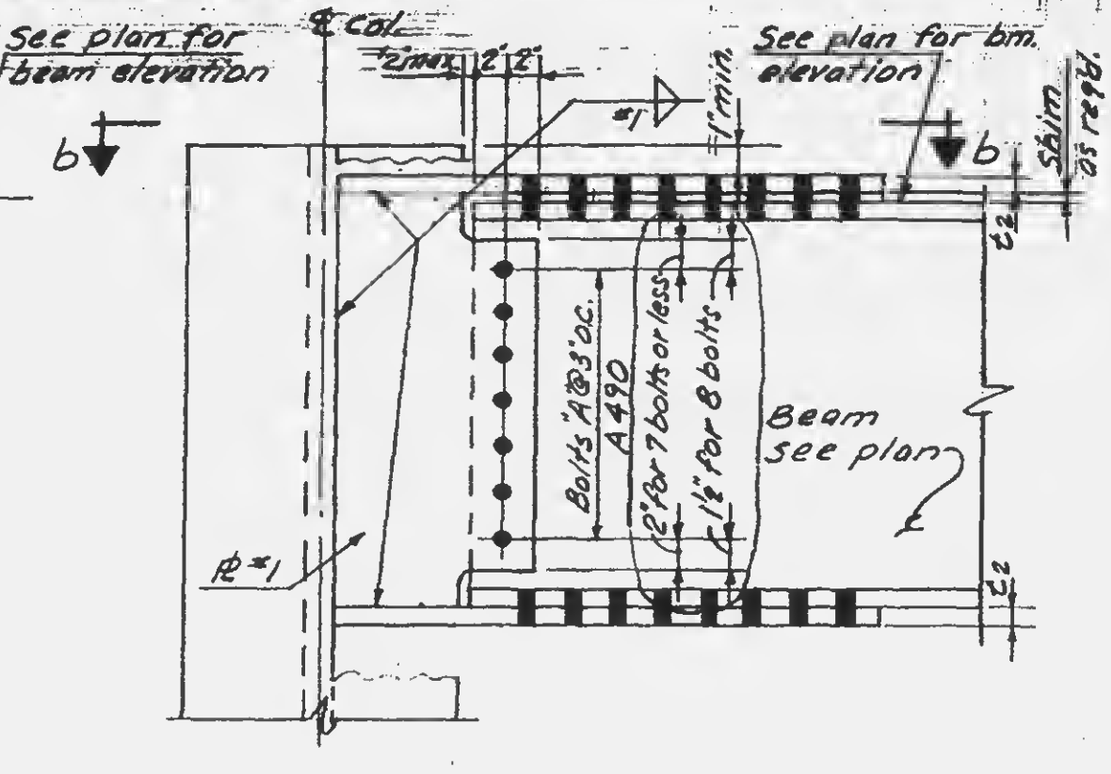
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: GIRDER TO COLFLANGE / WEB MOMENT CONN. DETAIL | DATE: 1-15-69

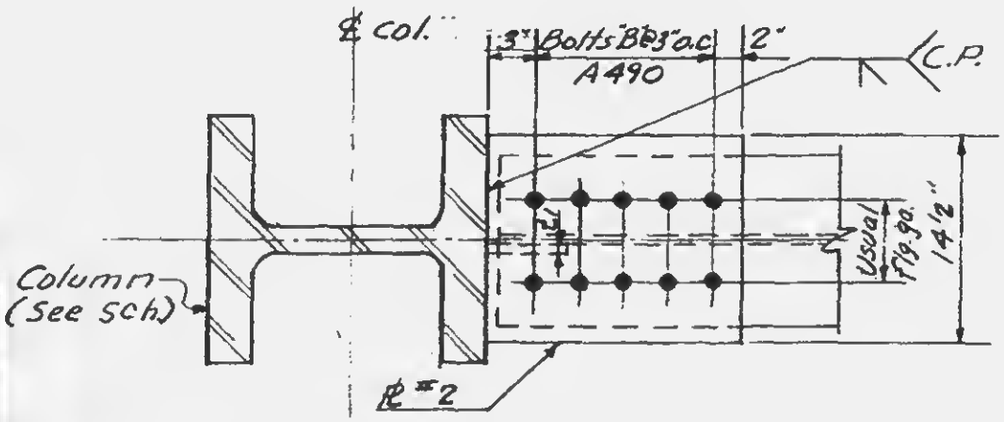
REVISIONS
9-16-69



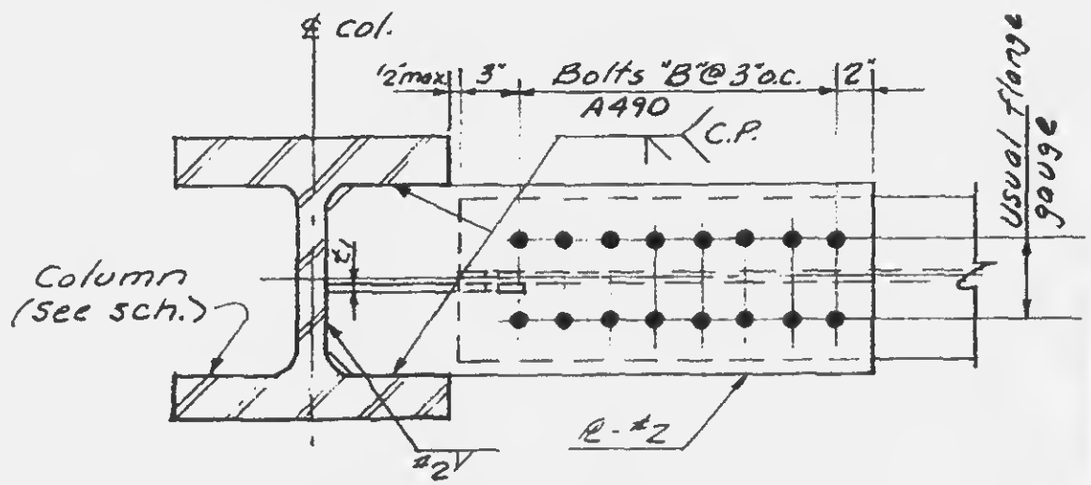
TYPE (I-A) ELEVATION



TYPE (II-A) ELEVATION



Section a-a
(Typ. Top & Bottom Flange)



Section b-b
(Typ. Top & Bottom Flange)

Notes:

1. All #s to be Fy = 56 ksi except as noted.
   * —— Fy = 36 ksi
   ** —— Fy = 42 ksi
2. All bolts shown to be H.S. Friction Type.
3. All welds to be E70xx.
4. Type I-B & II-B —— 2 rows of group 'A' bolts.
   Type I-C & II-C —— 4 rows of group 'B' bolts.
   Type I-D & II-D —— 2 rows of group 'A' bolts & 4 rows of group 'B' bolts.
5. See schedules 12-JK4-2 & 12-JK4-3 for bolts, plates & weld.

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

DESIGNED

DRAWN: S.C.

REVIEWED: R.T. & E.L.

12-JK4-4