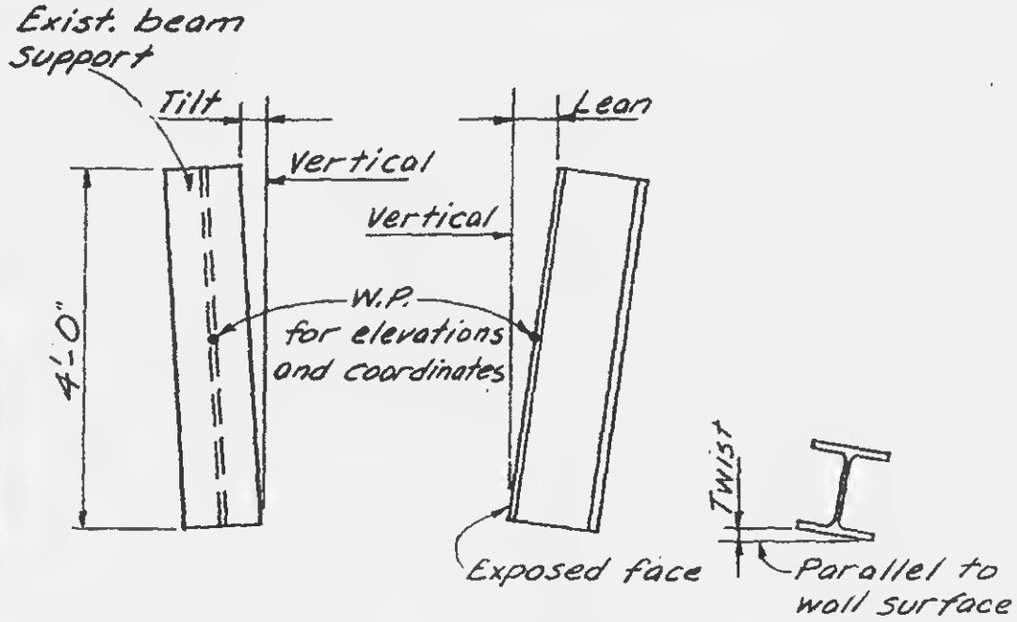
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: BEAM CONNECTIONS TO SLURRY WALL - NOTES | DATE: 3-19-69

REVISIONS



Front view (Looking toward wall) | Side view | Plan

BEAM SUPPORT DEVIATIONS

1. For beam support (12WF53) see PNYA Dwg F-J-6.
2. Deviations shown are positive; negative deviations are in opposite direction.
3. Deviations are scheduled on dwgs. 12-JK5-2 & -3.

NOTES

1. Beam support data scheduled on dwgs. 12-JK5-2 & 12-JK5-3 are taken from survey made by PONYA completed on 2-5-69. Elevations and coordinates are given to center of exposed flange at mid-height.
2. All structural steel to be Fy 36.
3. Welding electrodes to be E70xx.
4. Shipping and erection bolts to be 5/8" ϕ hor unfinished machine bolts. Provide hor. slotted holes in beams and/or detail material to allow a tolerance of beam support location of ± 1/2".
5. Cut away concrete as necessary to insure workmanlike installation of connections and grout space between connection ℄ & wall with Embeco.
6. "Cinch Anchors" shown on detail 'A' shall be 4 units 4 units Threaded Ring wedge Cinch Anchors (Type 2) with 1 1/2" ϕ bolts as manufactured by National Lead Company
7. Should reinforcing bars be encountered when drilling for cinch anchors, move plate B by not more than 2" to miss bars.
8. Where beam is not at a right angle to plate B, bend outstanding legs of angles A to lie flat against plate B.

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

DESIGNED: J.H.
DRAWN: A.L. FRANQUI
REVIEWED: E.L.

12-JK5-1