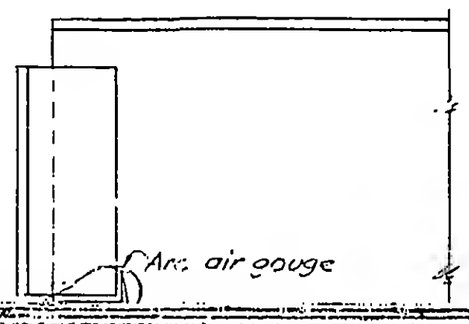
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: R/-EL. 310 REPAIR DETAIL FOR EXISTING STEEL | DATE: 6-12-72

REVISIONS

6-16-72




Note F (SK-97)

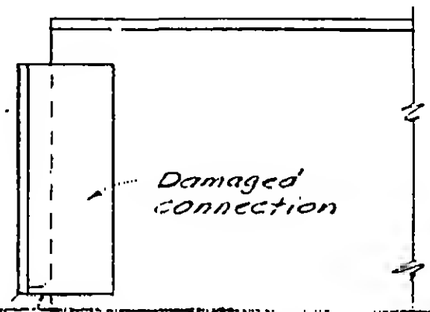
Shore beam

## Procedure

1. Shore beam
2. Remove angle connection
3. Drill hole to terminate crack.
4. Straighten and arc-air gouge area of sheared web.
5. Replace with sound weld metal or remove distorted material and replace with C.P. welded A36 patch plate of same thickness as web
6. Replace connection to provide RIP reaction indicated in Plan.
7. Remove shores.

## Detail F2

Sheared web




Note F (SK-97) Where req'd. repair as Detail F2.

Shore beam

## Procedure

1. Shore beam.
2. Remove damaged connection. (bolts, angles and weld.)
3. Replace with same type connection, but capacity to be as shown in Plan.
4. Remove shores.

## Detail F3

Failed connection

## Detail F10

1. Connection to be examined by the "Engineer" and where signs of damaged are found connection to be replaced in accordance with Detail F3
2. See also Note F (SK-97)

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

DESIGNED