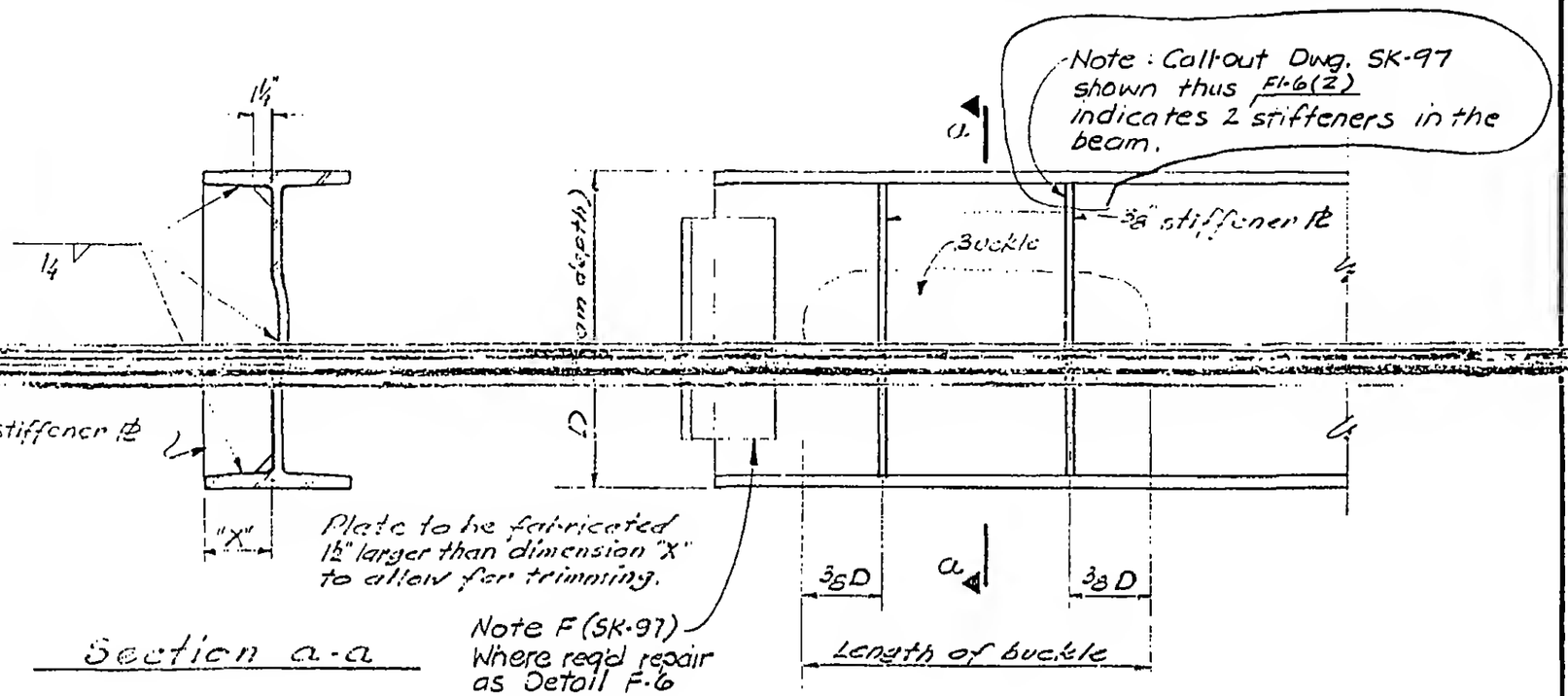
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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

REVISIONS

6-16-72

1-24-73



Procedure

1. Trim vertical stiffener plates to fit and install number and location as shown in table.

⅜" stiffener plates to be placed as follows:

LENGTH OF BUCKLE	NO. OF PLATES	PLACEMENT OF STIFFENERS
0.75 D	1	Center in bulge
0.75 D > 1.00 D	2	as shown above
1.00 D > 2.00 D	3	2 outside as shown above - center one centered between

Detail F

Buckled web

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

DESIGNED

DRAWN

REVIEWED

12-JK7-6