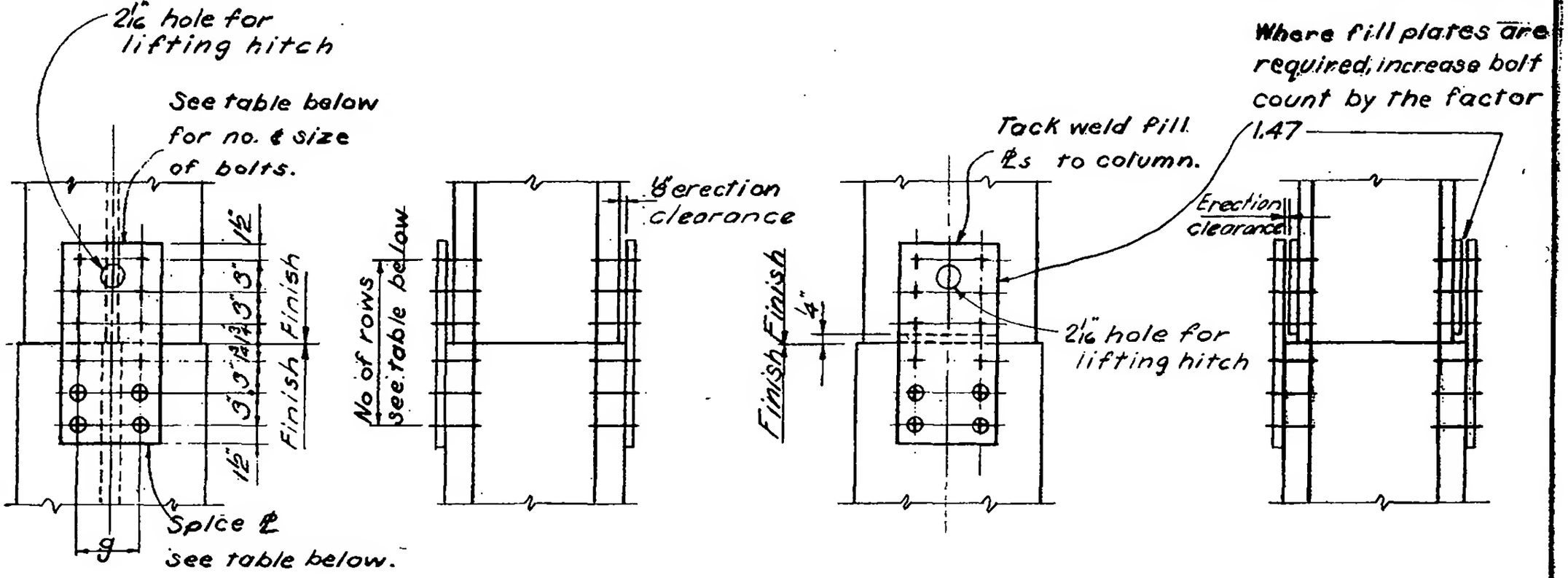
WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: TYPICAL COLUMN DETAILS | DATE: 5-15-67

REVISIONS
5-26-67
10-20-67
11-8-67
3-17-69
12-23-71



UPPER COLUMN SIZE	No. & Size of BOLTS	No. of ROWS	SPLICES	g
10 WF 112 thru 33	8 - ¾" Ø	4	8 x ⅜	5½
12 WF 190 thru 161 incl.	12 - ¾" Ø	6	9 x ½	5½
133 53	8 - ¾" Ø	4	9 x ⅜	5½
50 40	8 - ¾" Ø	4	8 x ⅜	5½
14 WF 455 thru 370 incl.	20 - ⅞" Ø	10	15 x ⅝	11½
342 287	16 - ⅞" Ø	8	15 x ⅝	11½
264 202	12 - ⅞" Ø	6	15 x ½	11½
193 142	12 - ¾" Ø	6	15 x ½	11½
136 87	12 - ¾" Ø	6	11 x ⅜	5½
84 61	8 - ¾" Ø	4	9 x ⅜	5½
53 43	8 - ¾" Ø	4	8 x ⅜	5½

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — STATE OF NEW YORK

SPLICE DETAIL 101

Splice Detail-102 may be used at contractor's option.

10-JK2-4