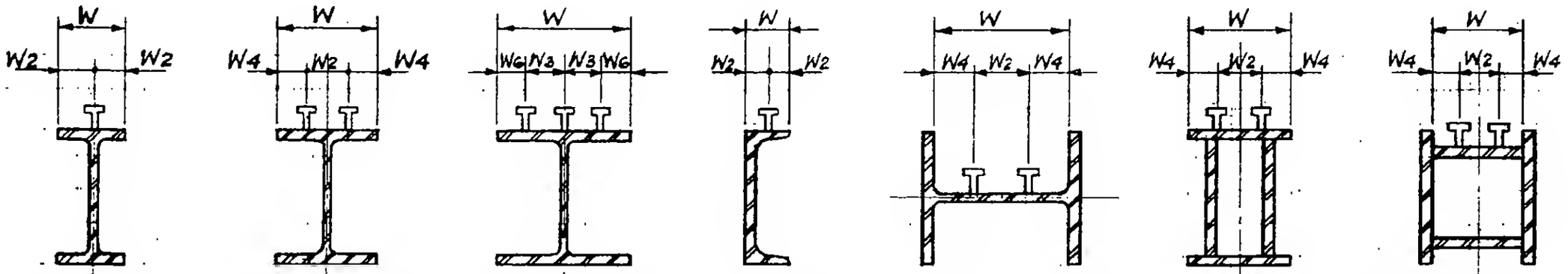
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

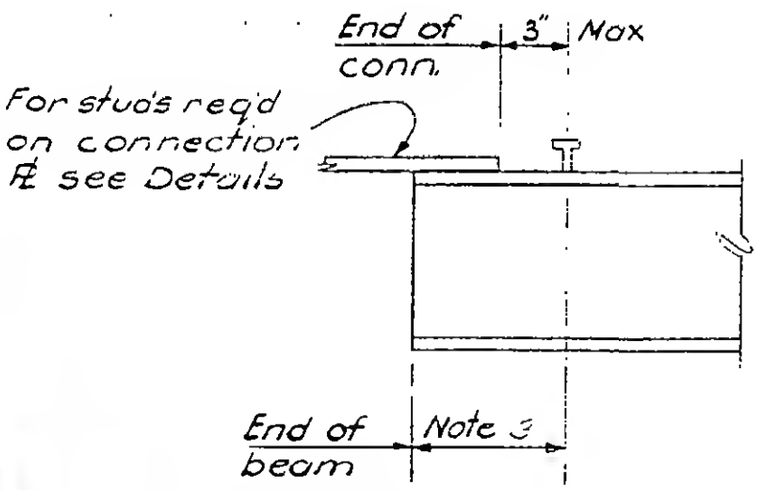
PROJECT THE WORLD TRADE CENTER | TITLE FLOOR 107-PH STUDS-TYPICAL DETAILS | DATE 10-20-70

ISIONS



One Row W≤6 6≤W≤9 (Note 4) | Two Rows (Note 4) | Three Rows (Note 5) | Typ. Det. at Channel | Typ. Det. at 14WF with Horiz. Web | Typical Detail of Built-up Beams

TYPICAL DETAILS - ONE, TWO & THREE ROWS



Typical Detail at Connection

Notes:

1. Studs are indicated thus in the plans: N39 or N39C. N is the designation for studs; 39 is the number of studs required; C is the stud placement (see 9-AB3-1.2 & 1.3). Where no letter is given, stud placement A is required.
2. All studs are ¾"ϕ x 0'-3" headed shear studs.
3. Clearance for connection.
4. Use two rows for W=6" to 9" where studs in a single row would otherwise be less than 4" o.c. Use two rows for W=9" and greater except as provided in Note 5.
5. Use three rows for W=9" or more where studs in two rows would otherwise be less than 4" o.c.

LESLIE E. ROBERTSON — REGISTERED PROFESSIONAL ENGINEER — No 34980 — CITY OF THE STATE OF NEW YORK

DL ED

DRAWN Huggins

REVIEWED

9-AB3-1.1