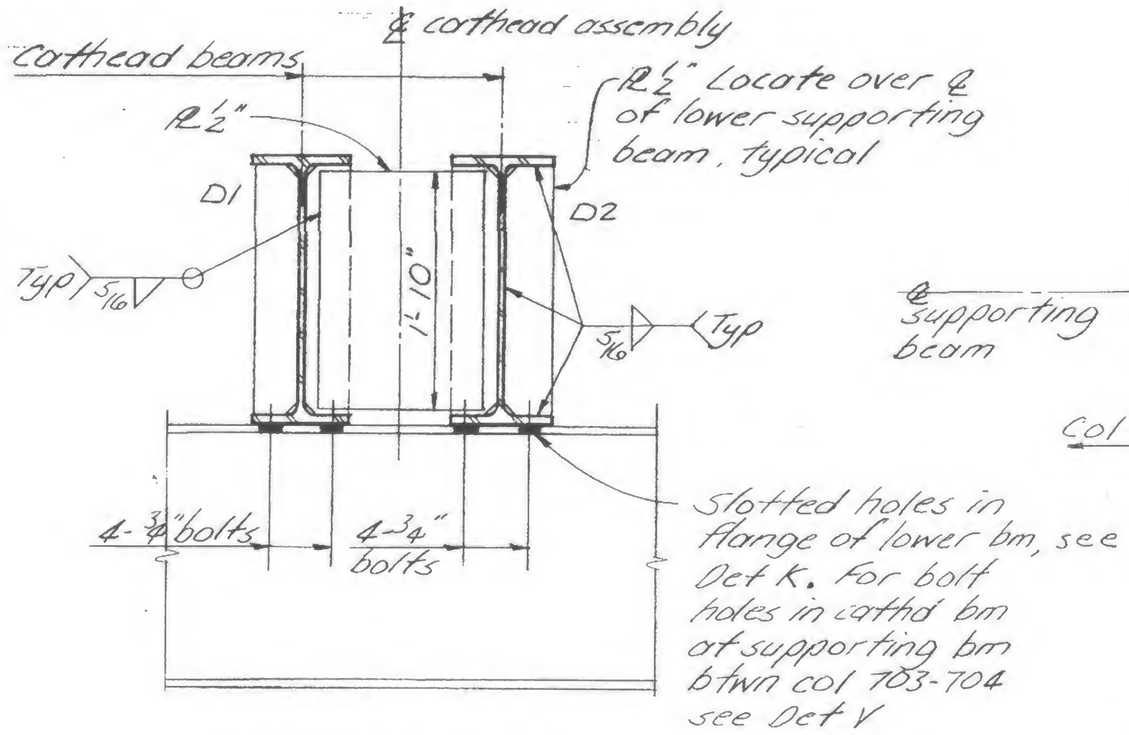
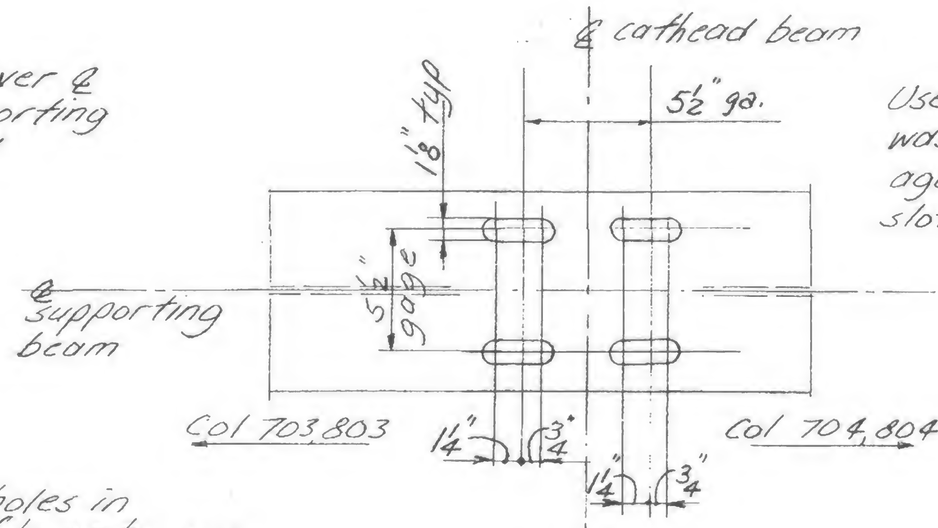
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: CONCRETE HOIST CATHEAD SUPPORT | DATE: 5-12-69

REVISIONS
5-21-69
8-11-69



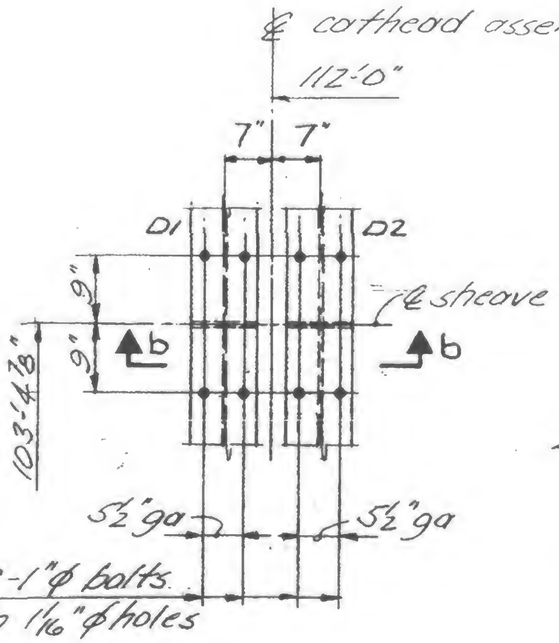
Section a-a.



Use hardened washers 3/8" thick against all slotted faces

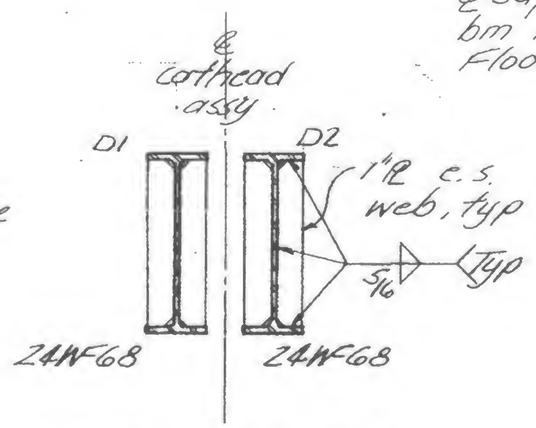
Detail K

SLOTTED HOLES IN SUPPORTING BEAMS AT CATHEAD CONNECTIONS

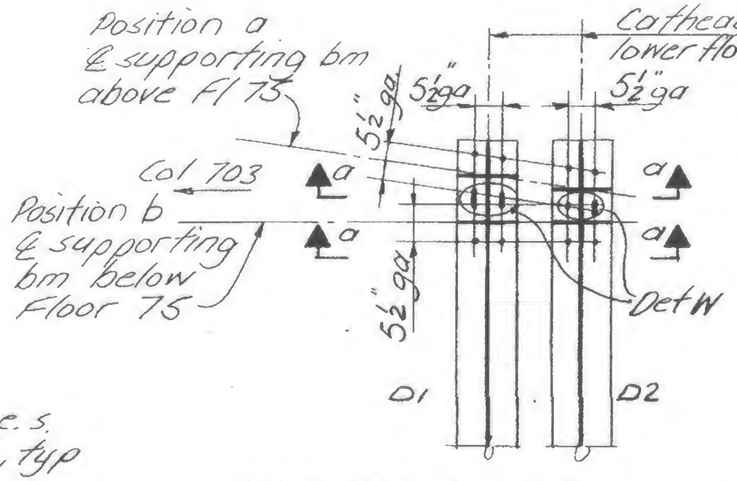


DETAIL X

SHEAVE CONN TO CATHEAD BM



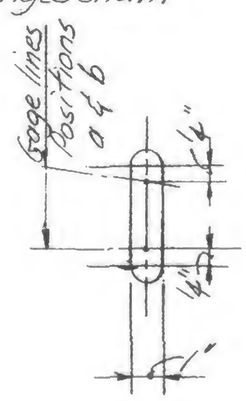
Section b-b



All bolt holes 1" ϕ except Det W.

DETAIL V

CONNECTION HOLES IN CATHEAD BEAMS AT SUPPORT BEAM BETWEEN COL 703 & 704



Use hardened washers 3/8" thick against slotted face

DETAIL W

Ref dwg (Plans) 19AB951

19-AB-955

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

DESIGNED

DRAWN

REVIEWED