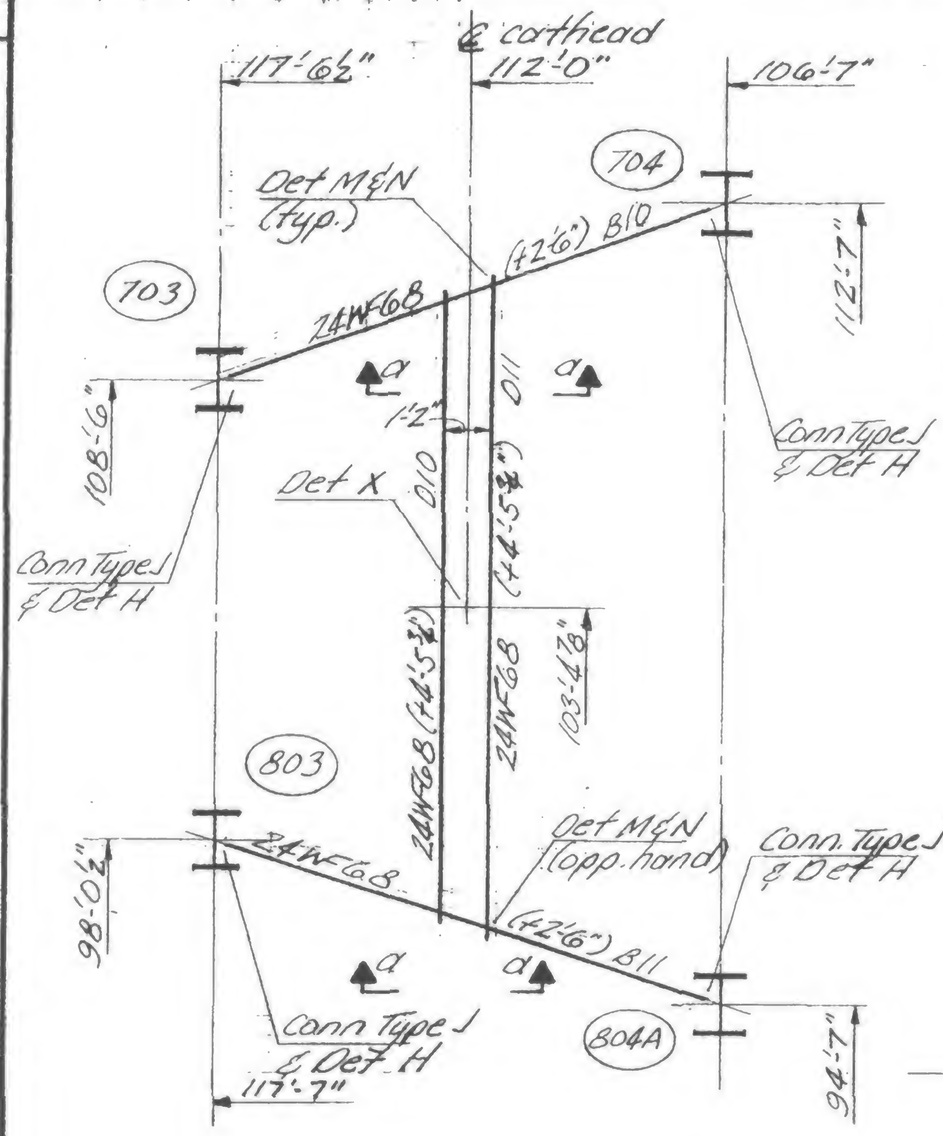
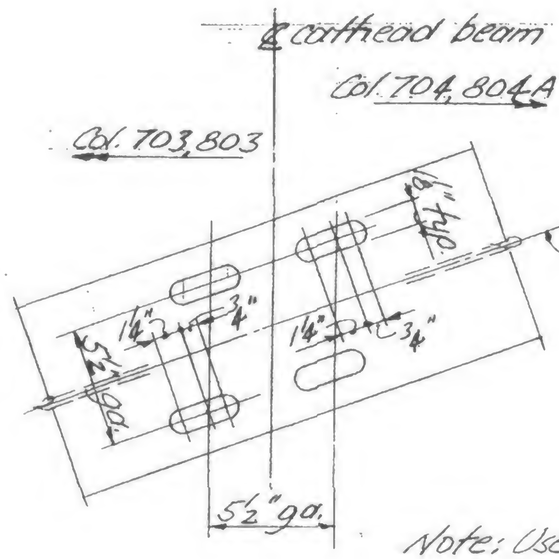
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

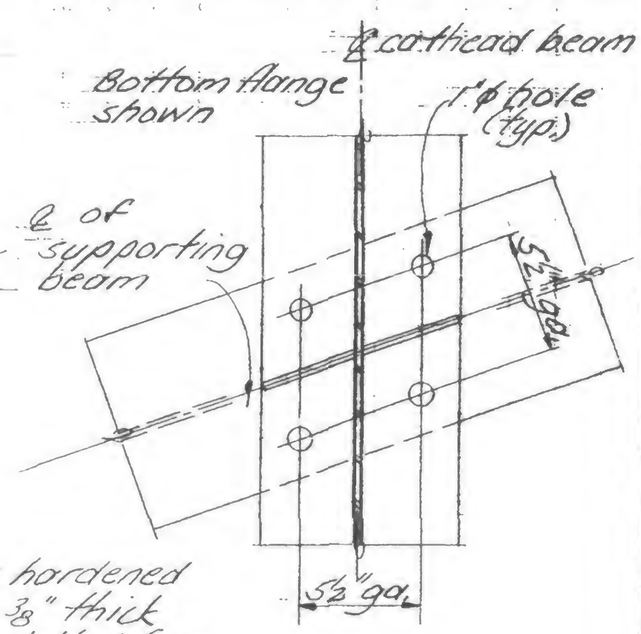
PROJECT: THE WORLD TRADE CENTER | TITLE: CONCRETE HOIST CATHEAD SUPPORTS | DATE: 12-7-70

REVISIONS



Plan - Framing Fl. 107 to 109





Detail M

Slotted holes in top flange of supporting beam at cathead connection

Detail N

Connection holes in cathead beams between cols 703 & 704

Note:
1. For schematic elevations of cathead support system see Dwg. 19-AB-952
2. For section a-a see Dwg. 19-AB-955
3. For column connection schedule below Floor 105 see Dwg. 19-AB-954

COLUMN CONNECTION SCHEDULE

Col.	Location: Floor Tower A	Location: Floor Tower B	Type *	e (in)	Bolts: size	Bolts: N	Connection: L	Connection: Weld (1)	Remarks
703	107,109	107,109	J	6"	¾"ø	6	1'-5½"	5/16"	A
704	107,109	107,109	J	6"	¾"ø	6	1'-5½"	5/16"	
803	107,109	107,109	J	6"	¾"ø	6	1'-5½"	5/16"	A
804	107,109	107,109	J	6"	¾"ø	6	1'-5½"	5/16"	

* use w=6" at Det. H for both Type C & J

Remark A All bolt holes at this end shall be slotted.

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34960 — UNIVERSITY OF THE STATE OF NEW YORK

DESIGNED

DRAWN

REVIEWED

19-AB-951.2