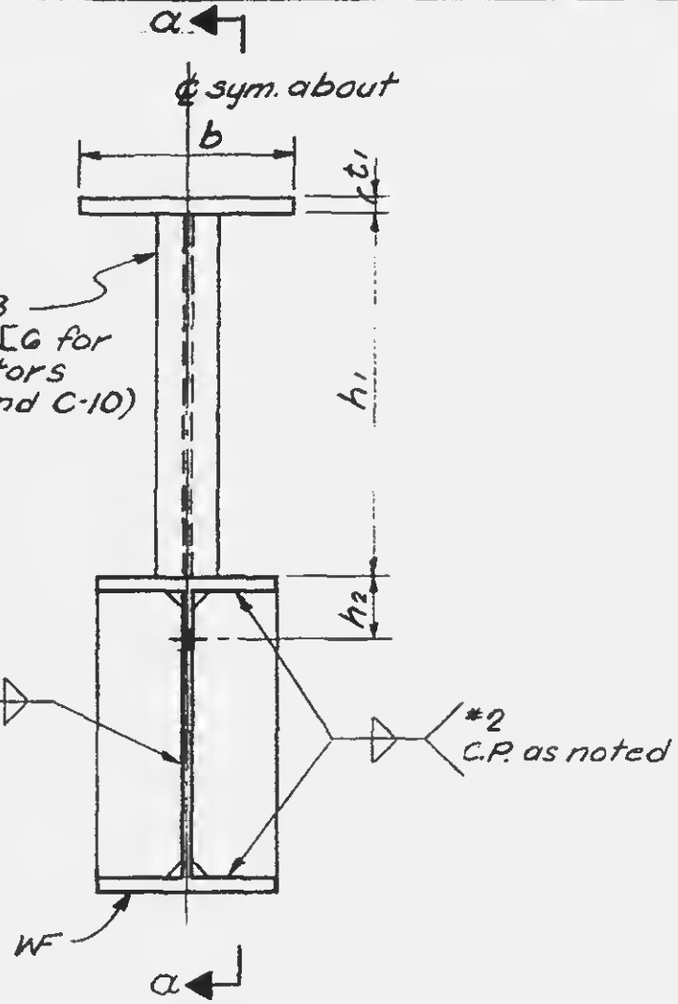
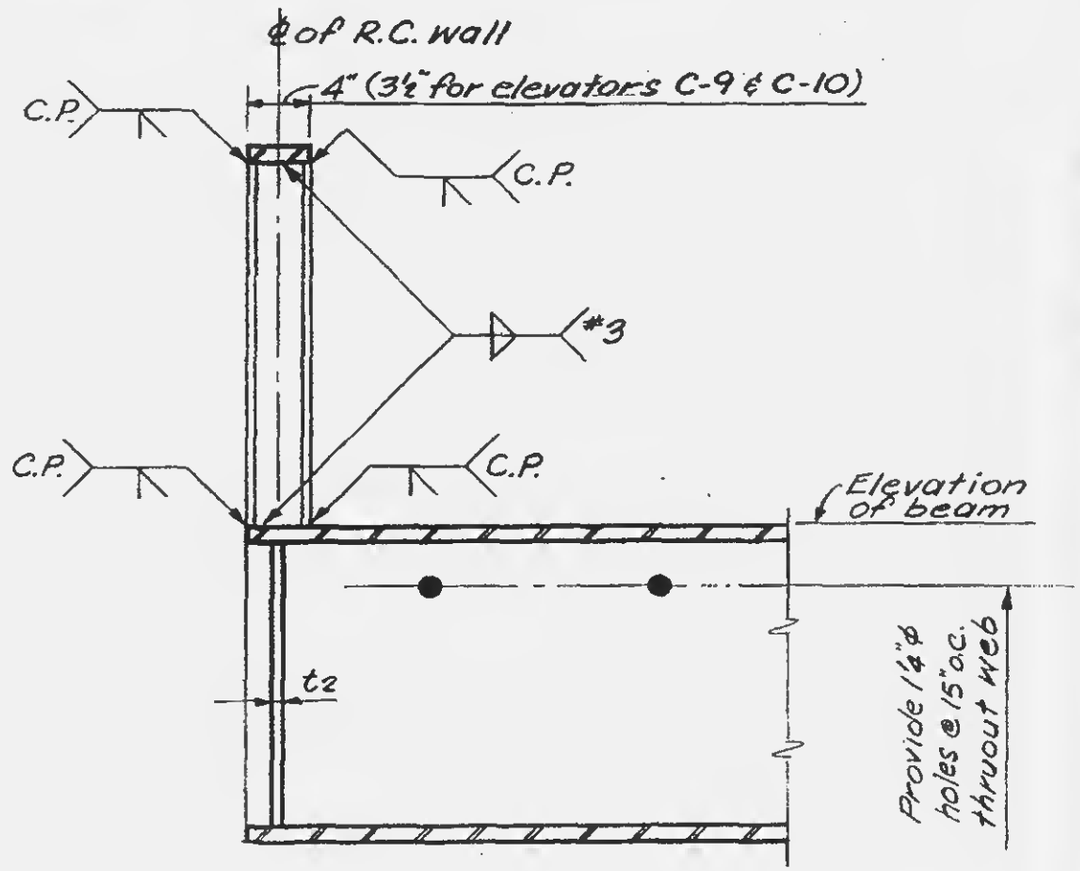
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: DETAIL OF "BUMPER" BEAM FOR ELEVATORS | DATE: 5-26-69

REVISIONS
5-26-70



Elevation



Section a-a

DETAIL No.	MEMBER SIZE	DIMENSIONS					WELD SIZE		
		t_1	t_2	b	h_1	h_2	#1	#2	#3
A	21 WF 112	2"	¾"	16"	4'-0"	2'4"	⅜	C.P.	⅜
B	21 WF 112	1"	½"	8"	2'-0"	2'4"	5/16	½	¼
C	18 WF 85	1¼"	⅝"	10"	2'-6"	2'4"	5/16	C.P.	5/16
D	21 WF 127	2"	¾"	16"	4'-0"	2'4"	⅜	C.P.	⅜
E	16 B 31					6"			
F	18 WF 64	1"	⅜"	8"	2'-6"	2'4"	⅜	C.P.	¼
G	21 B 49	1"	⅜"	8"	2'-0"	2'4"	5/16	C.P.	¼
H	18 B 40	1"	⅜"	8"	2'-0"	2'4"	5/16	C.P.	¼
J	21 WF 55	2"	⅝"	14"	3'-0"		5/16	C.P.	⅜
K	21 WF 62	2"	⅝"	14"	3'-0"		5/16	C.P.	⅜
L	21 WF 55	1⅜"	⅜"	10"	2'-6"		5/16	C.P.	¼
M	21 B 44					2'4"			

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DRAWN S.C.
REVIEWED E.L.

12-JK1-70F