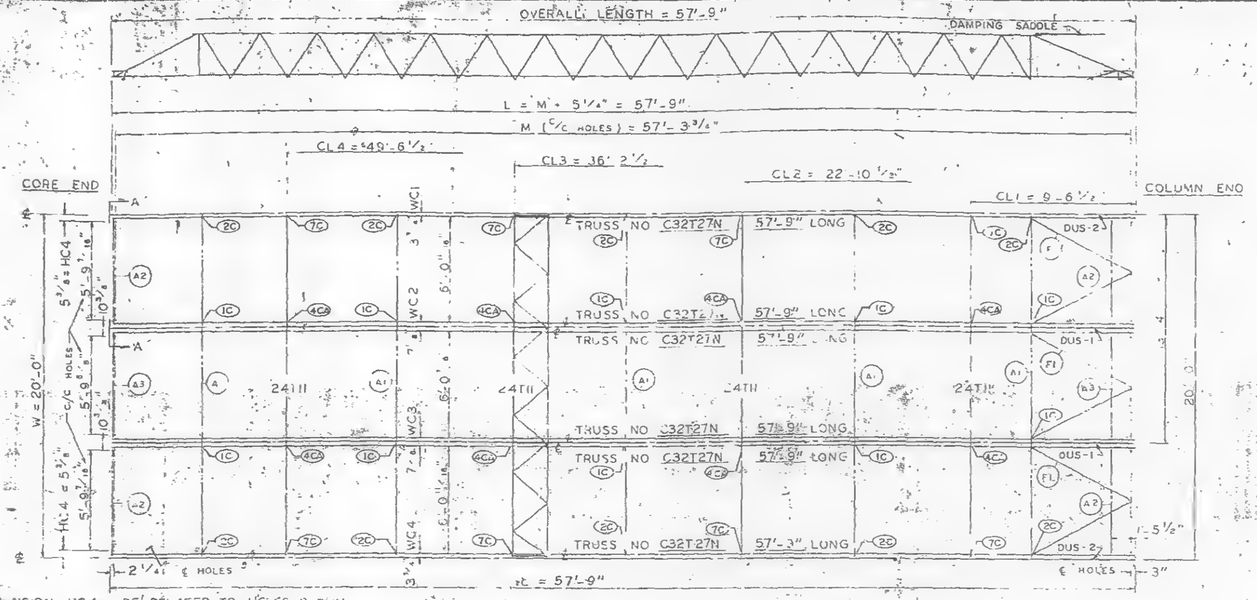
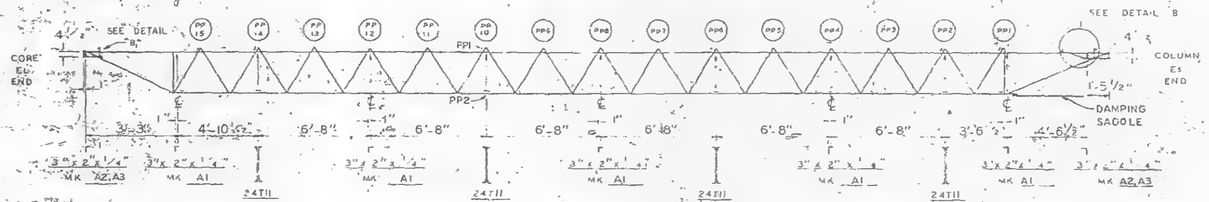
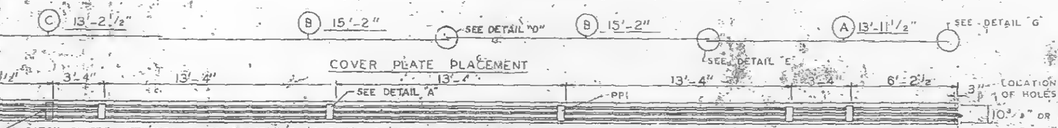


℄ & DIMENSION HC4 ARE RELATED TO HOLES PUT IN BEARING END OF FLOOR TRUSSES WHICH ARE SIMILAR WITH BUT NOT EXACTLY ALIGNED WITH HOLE ℄ ON THE COLUMN CLIPS & BRACES.

PANEL NO. A3N SIZE 20'-0" x 57'-9"

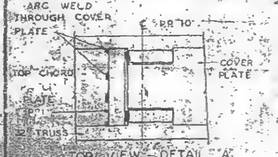




PATCH PLATES ATTACHED AFTER PLACEMENT OF COVER PLATES. COVER PLATES NOT SHOWN FOR CLARITY

LOCATION OF PATCH PLATES ON TOP CHORD

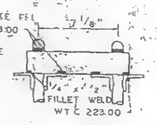
LOCATION OF PATCH PLATES ON BOTTOM CHORD



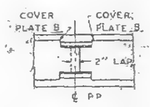
TOP VIEW - DETAIL "A"



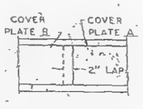
DETAIL "A"



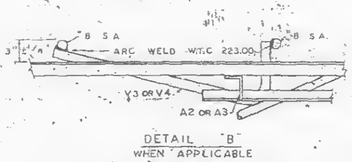
SECTION D-D



DETAIL "D"

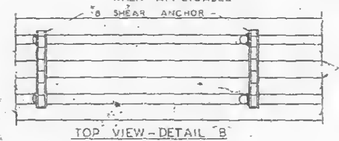


DETAIL "E"



DETAIL "B" WHEN APPLICABLE

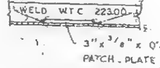
DETAIL "B1" WHEN APPLICABLE



TOP VIEW - DETAIL "B"

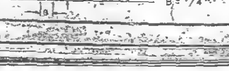


DETAIL "C"



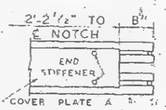
SECTION E-E

ALL ARC WELDS TO BE MADE WITH LOW HYDROGEN RODS IN THE E-70 SERIES OR EQUAL. UNLESS SHOWN OTHERWISE ALL CONNECTION ARC WELDS SHALL BE 5/16" X 1" FULL THROAT FILLET.





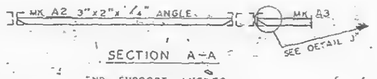
DETAIL "F"



DETAIL "G"

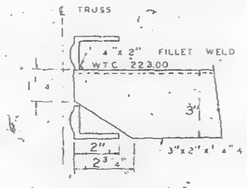
COVER PLATES 29 GA. THICK

FIELD PUNCH COVER PLATES OVER END STIFFENERS WT C 223.00



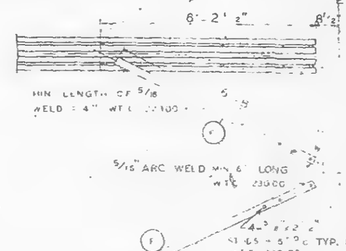
SECTION A-A

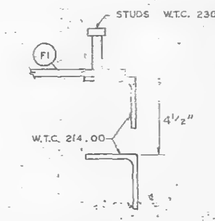
END SUPPORT ANGLES



DETAIL "J"

END SUPPORT ANGLE ATTACHMENT





CLIP ANGLE LOCATION FOR DIAGONAL FLATS 4 1/2" ABOVE COLUMN CLIPS FOR TRUSS BEARING

REQUIRED MATERIAL PER PANEL				REF. DRWG
MATERIAL	MK	PCS	SIZE	
FLOOR TRUSSES	T2N	6	C32T27N-57'-9"	ST227N
BRIDGING "X" TYP.	T11	4	24"H - 19'-11"	BT211
3"x2"x1/4" ANGLE	A1	5	3"x2"x1/4"x 19'-11"	ST 403
	A2	4	3"x2"x1/4"x 5'-11 9/16"	ST 403
	A3	2	3"x2"x1/4"x 5'-11 3/4"	ST 403
DIAGONAL FLATS	F1	2	1 1/2" x 8" x 6'-8"	ST 402
PATCH PLATES	PP1	24	2"x1/4"x 0'-9"	ST 400
	PP2	24	3"x3/8"x 0'-3"	ST 400
COVER PLATES	A	4	9"x0.135"x13'-11"	ST 303
	B	8	9"x0.135"x 15'-2"	ST303
	C	4	9"x0.135"x13'-2 1/2"	ST303
ANGLE CLIPS	C1	24	2"x3 1/2"x1/4"x0'-5"	ST 400
3/8" ø SHEAR ANCHOR	SA2	12	3/8" ø REBAR x 0'-9"	ST 400
DAMPING SADDLE	DUS-1	2	3 1/2"x3 1/2"x 3/8"x3'-6 7/8"	ST298
	DUS-2	2	3 1/2"x3 1/2"x 3/8"x3'-6 7/8"	ST298
CONNECTION BAR	CB1	8	1"x 1"x 1'-3"	ST 400
CONNECTION PLATES	P1	10	3 1/2" x 3/8" x 3 1/2"	ST 400
	P2	8	4 1/2" x .39" x 0'-9"	ST 400
	P3	9	4 1/2" x .39" x 1'-0"	ST 400

LETTERS AND NUMBERS IN ELLIPSES ie (1C) INDICATE CONNECTION DETAILS SHOWN ON SHEETS CD 201 OR CD 202.

NO.	DATE	REVISION	BY

REF DRWG		
7-AB4-3	10-15-68
7-AB4-15 & 16	7-22-68
7-AB4-41	7-22-68
SA-124	1-6-69
7-AB3-42	1-6-69
7-AB1-24	1-6-69
7-AB2-6	7-22-68

FLOOR PANEL DETAILS
FOR
WORLD TRADE CENTER - N Y C
FOR
THE PORT OF NEW YORK AUTHORITY

BLDG. 8 FLOORS : 44 (EAST)

PANEL A3N - 20'-0" x 57'-9"

FABRICATION BY LACLEDE STEEL COMPANY

FABRICATED AT MADISON, ILLINOIS		DESIGN DRAWING NO 7-AB3-42	PLATE
APPROVED FOR FABRICATION BY FOR PONYA	DATE 7/31/69	DRAWN BY DWB DATE APRIL 28, 1969	
APPROVED FOR FABRICATION BY FOR FABRICATOR	DATE	CHECKED BY T.M.CHURA DATE APRIL 28, 1969	IN CHARGE OF PROD. DEV.
DETAILED BY LACLEDE STEEL CO.		FABRICATION CONT. NO. W.T.C. 221	SHEET NO. FP A3N