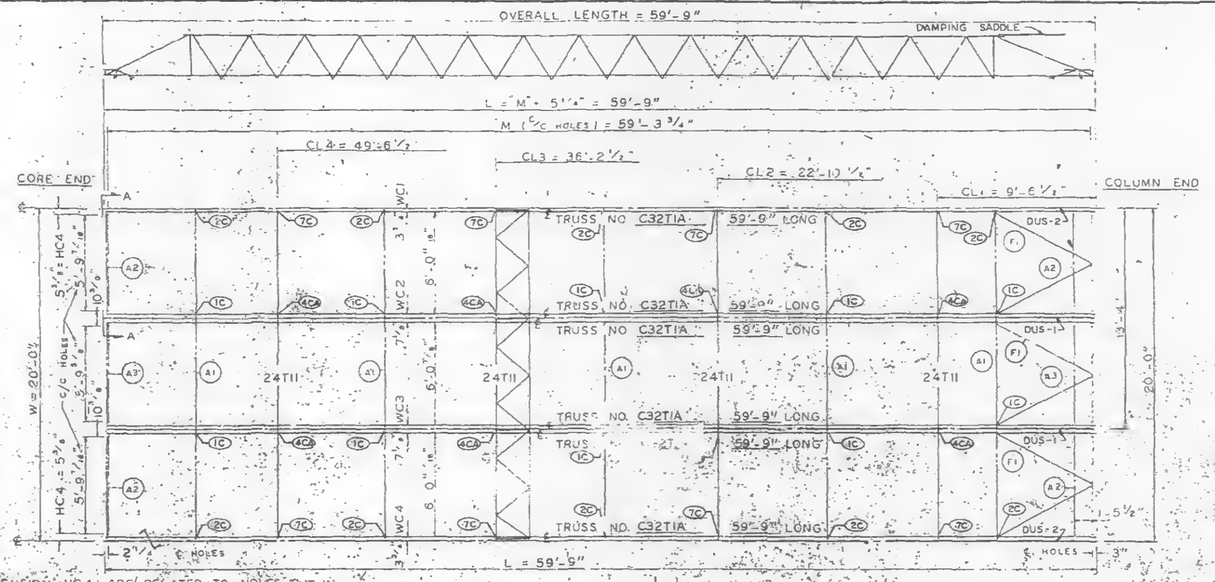
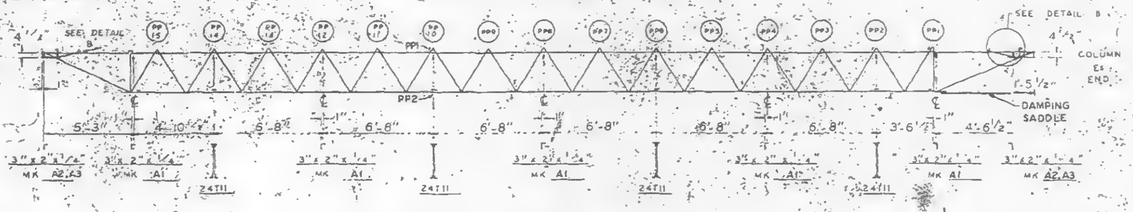
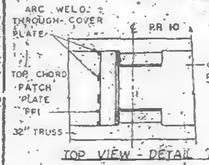


℄ & DIMENSION HC4 ARE RELATED TO HOLES PUT IN BEARING END OF FLOOR TRUSSES WHICH ARE SIMILAR WITH BUT NOT EXACTLY ALIGNED WITH HOLE ℄ ON THE COLUMN CLIPS & BRACES.

PANEL NO. A1A SIZE 20'-0" x 59'-9"





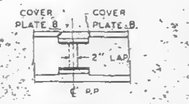


TOP VIEW - DETAIL 'A'

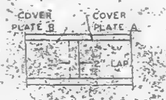


DETAIL 'A'

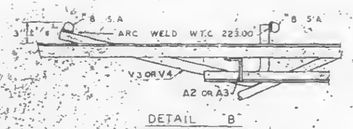
SECTION 'D-D'



DETAIL 'C'



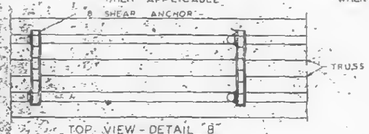
DETAIL 'E'



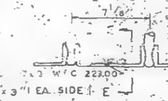
DETAIL 'B'
WHEN APPLICABLE



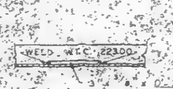
DETAIL 'B1'
WHEN APPLICABLE



TOP VIEW - DETAIL 'B'



DETAIL 'C'



SECTION 'E-E'

NOTE: 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 1/4" x 1" FULL THROAT FILLET.





DETAIL 'F'

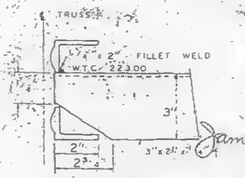


DETAIL 'G'

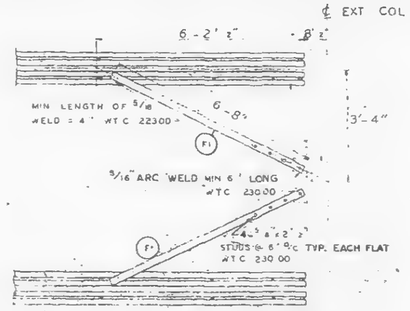
FIELD PUNCH COVER PLATES OVER END STIFFENERS W.T.C. 223.00



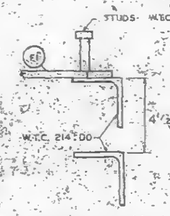
SECTION A-A
END SUPPORT ANGLES



DETAIL 'J'
END SUPPORT ANGLE ATTACHMENT



TYPICAL PLAN OF TOP CHORD COLUMN END DIAGONAL TRUSS BRACES PLACED OVER DECK @ W.T.C. 223.00



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

REQUIRED MATERIAL PER PANEL				REF.
MATERIAL	MK	PCS	SIZE	DRWG.
FLOOR TRUSSES	T1A	6	C32T1A - 59'-9"	ST201A
BRIDGING TRUSSES	T11	4	24T11 - 19'-11"	BT211
3" x 2" x 1/4" ANGLE	A1	5	3"x2"x1/4"x19'-11"	ST 403
	A2	4	3"x2"x1/4"x5'-11 1/8"	ST 403
	A3	2	3"x2"x1/4"x5'-11 3/4"	ST 403
DIAGONAL FLATS	F1	6	1 1/2"x 5/8" x 6'-8"	ST 402
PATCH PLATES	PP1	24	2"x 1/4"x 0'-9"	ST 400
	PP2	24	3"x 3/8"x 0'-3"	ST 400
COVER PLATES	A	4	9"x.0135"x13'-11 1/2"	ST303
	B	8	9"x.0135"x 15'-2"	ST303
	C	4	9"x.0135"x13'-2 1/2"	ST303
	D	4	9"x.0135"x 2'-1"	ST303
ANGLE CLIPS	C1	24	2"x1 1/2"x 1/4"x0'-6"	ST 400
3/4"ø B SHEAR ANCHOR	SA2	16	3/4" 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"ø x 1'-3"	ST 400
CONNECTION PLATES	P1	10	3 1/2" x 3/8" x 6 1/2"	ST 400
	P2	8	6 1/2" x .39" x 0'-9"	ST 400
	P3	8	6 1/2" x .39" x 1'-0"	ST 400

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

NO.	DATE	REVISION	BY
1	7-12-68	GENERAL	T.M.C

REF DRWG		
7-A84-3,3.1 & 39	1-3-68	
7-A84-15 & 16	5-6-68	
7-A84-41	1-3-68	
SA-124	10-20-67	
7-A83-2	1-3-68	
7-A81-2	2-15-68	
7-A82-6	2-15-68	

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

BLDG. A FLOORS 12-24, 26-38 (NORTH & SOUTH); 49-58, 60-66, 68, 69 (NORTH) PANEL A1A - 20'-0" x 59'-9"

FABRICATION BY: LACLEDE STEEL COMPANY

FABRICATED AT MADISON, ILLINOIS		DESIGN DRAWING NO 7-A83-3 4-1-68 PLATE
APPROVED FOR FABRICATION FOR PONYA	DATE 8/16/68	DRAWN BY [illegible] DATE FEB 24, 1968
APPROVED FOR FABRICATOR BY _____	DATE	CHECKED BY J.R. PAUL DATE FEB 24, 1968 IN CHARGE OF PROD. DEV.
DETAILED BY [illegible]		FABRICATION CONT. NO. W.T.C. 221 SHEET NO FP A1A

LACLEDE STEEL CO.