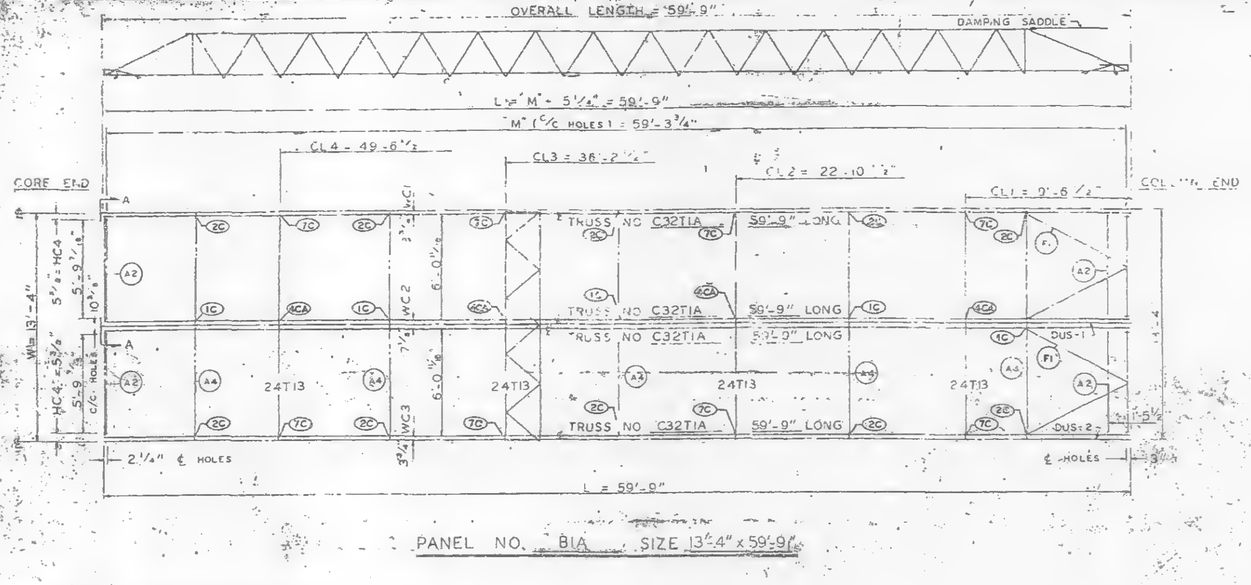
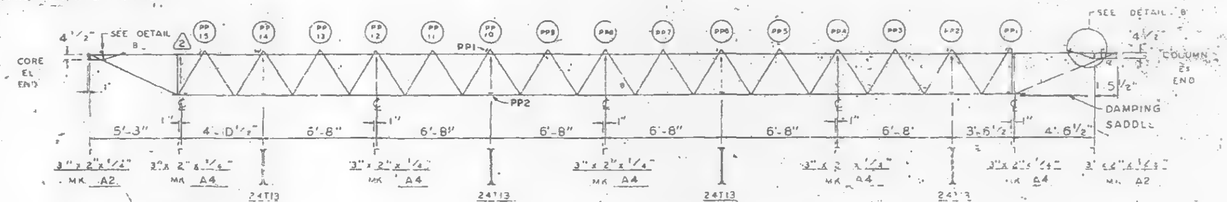
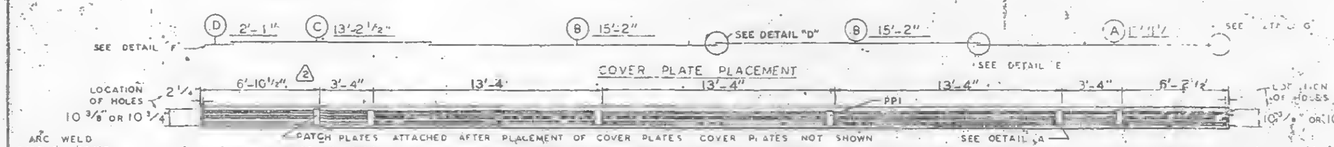


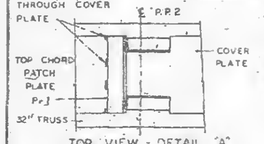
PANEL NO. B1A SIZE 13'-4" x 59'-9"

℄ & 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

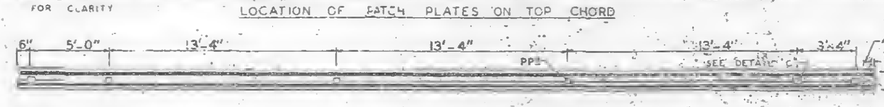




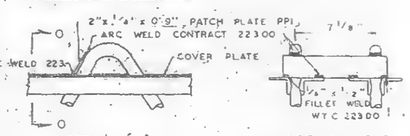
LOCATION OF PATCH PLATES ON TOP CHORD



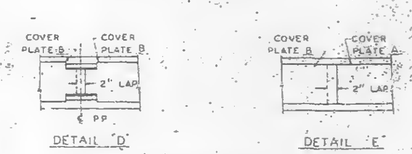
TOP VIEW - DETAIL 'A'



LOCATION OF PATCH PLATES ON BOTTOM CHORD

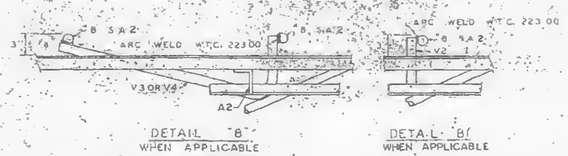


DETAIL 'A' SECTION D-D

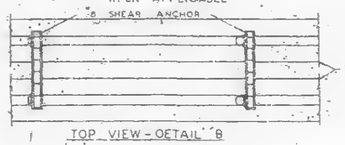


DETAIL 'D' DETAIL 'E'

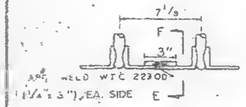
COVER PLATES 20 GA. THICK



DETAIL 'B' WHEN APPLICABLE — DETAIL 'B' WHEN APPLICABLE



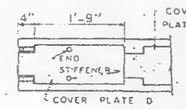
TOP VIEW - DETAIL 'B'



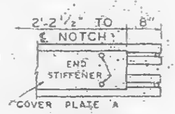
DETAIL 'C'



SECTION E-E

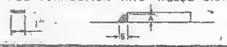


DETAIL 'F'



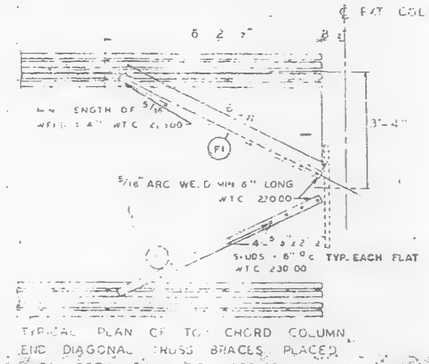
DETAIL 'G'

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.

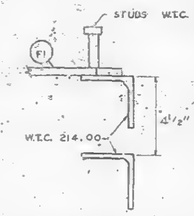


FIELD PUNCH COVER PLATES OVER END STIFFENERS W.T.C. 22300

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



TYPICAL PLAN OF TOP CHORD COLUMN END DIAGONAL TRUSS BRACES PLACED OVER DECK BY WTC 22300



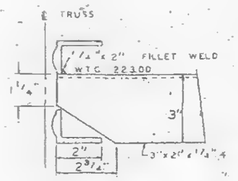
CLIP ANGLE LOCATION FOR DIAGONAL FLATS 4 1/2" ABOVE COLUMN CLIPS FOR TRUSS BEARING

REQUIRED MATERIAL PER PANEL				
MATERIAL	MK	QTY	SIZE	REF. DRWG
FLOOR TRUSSES	T1A	4	C32T1A 59'-9"	ST201A
BRIDGING TRUSSES	T13	4	24T13 - 13'-3"	ST213
3" x 2" x 1/4" ANGLE	A2	4	3 x 2 x 1/4 x [illegible]	ST403
	A4	5	3 x 2 x 1/4 x 13'-3"	ST403
DIAGONAL FLATS	F1	4	1'-2" x 8" x 5/8"	ST402
PATCH PLATES	PP1	12	2'-1" x 1'-4" x 0'-3"	ST400
	PP2	12	3'-1" x 1'-3" x 0'-3"	ST400
COVER PLATES	A	2	9" x .0135" x 3'-1"	ST303
	B	4	9" x .0135" x 15'-2"	ST303
	C	2	9" x .0135" x 13'-2"	ST303
	D	2	9" x .0135" x 2'-1"	ST303
ANGLE CLIPS	C1	16	2" x 1 1/2" x 1/4" x 0'-6"	ST400
5/8" SHEAR ANCHOR	SA2	8	5/8" REBAR x 0'-9"	ST400
DAMPING SADDLE	DUS-1	1	3 1/2" x 3 1/2" x 5/8" x 3'-1 5/8"	ST298
	DUS-2	1	3 1/2" x 3 1/2" x 5/8" x 1'-6 7/8"	ST298
CONNECTION BAR	CBM	4	1" x 1'-3"	ST400
CONNECTION PLATES	P1	5	3 1/2" x 3/16" x 6 1/2"	ST400
	P2	4	4 1/2" x .39" x 0'-9"	ST400
	P3	4	4 1/2" x .39" x 1'-0"	ST400

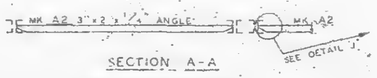
NO.	DATE	REVISION	BY
2	6-4-69	AS NOTED	GQC
1	7-15-68	GENERAL	TMC

2 REF DRWG

7-AB4-3	10-15-68
7-AB4-15 & 16	7-22-68
7-AB4-42	10-15-68
SA-124	1-6-69
7-AB3-2	1-3-68
7-AB1-2	7-23-66
7-AB2-8	7-22-66



DETAIL 'J' END SUPPORT ANGLE ATTACHMENT



SECTION A-A END SUPPORT ANGLES

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 B1A - 13'-4" x 59'-9"
BLDG. B FLOORS 14-24, 26-39 (EAST & WEST) [illegible] 69 (WEST) 2

FABRICATION BY LACLEDE STEEL COMPANY			
FABRICATED AT MADISON, ILLINOIS		DESIGN DRAWING NO. 7-683-5	PLATE
APPROVED FOR FABRICATION BY James Wolter N.Y.A.	DATE 1/2/70	DRAWN BY [illegible] DATE FEB 24, 1968	
APPROVED FOR FABRICATION BY FOR FABRICATOR	DATE	CHECKED BY J.A.P.M. DATE FEB 24, 1968	IN CHARGE OF PROD. MGR.
DETAILED [illegible]		FABRICATION CONT. NO. W.T.C. 221	SHEET NO FP B1A