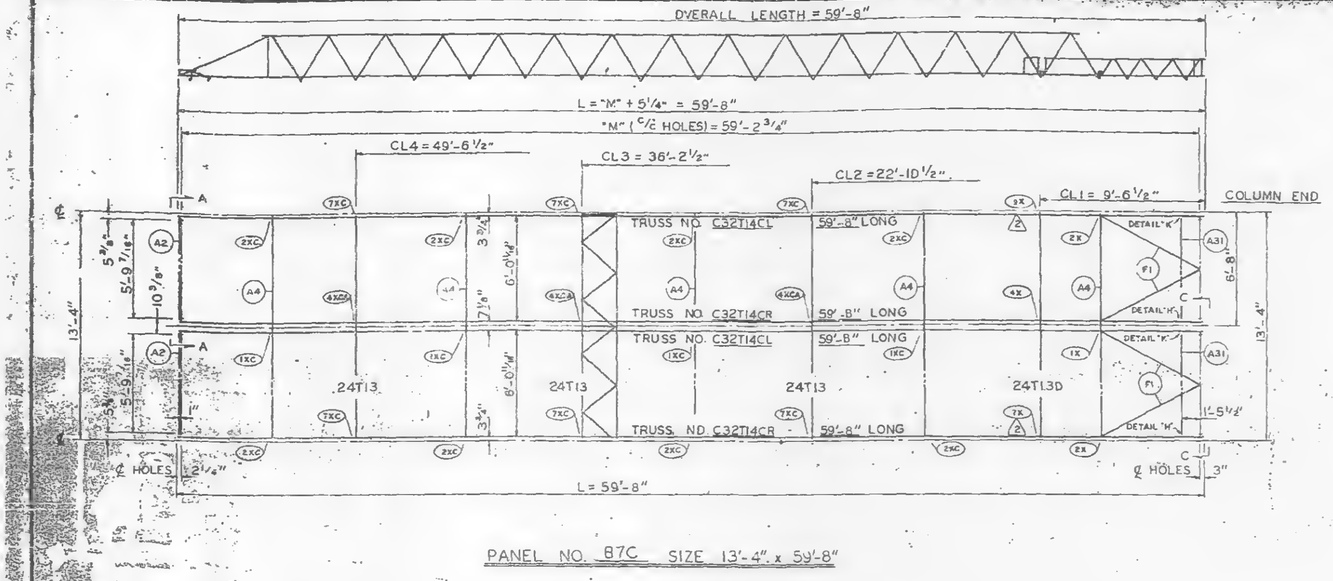
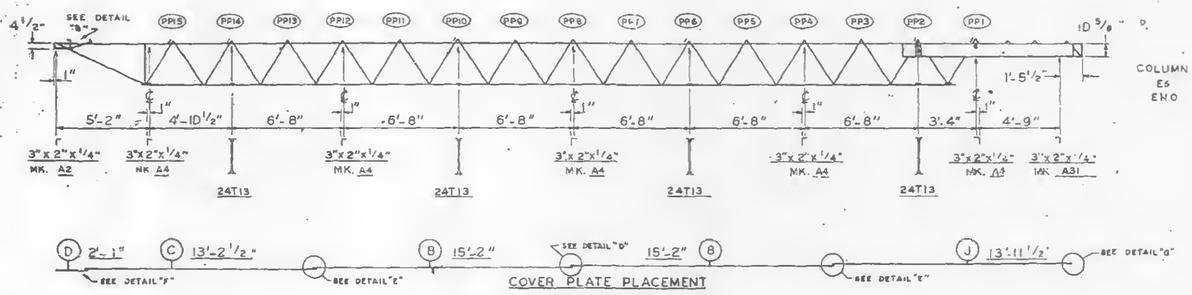
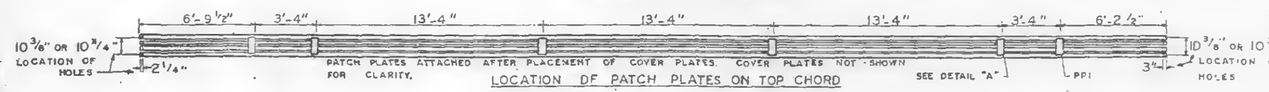


PANEL NO. 87C SIZE 13'-4" x 59'-8"



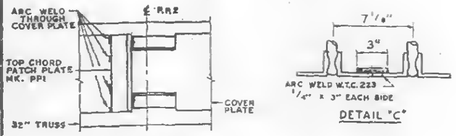
COVER PLATE PLACEMENT



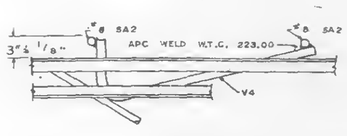
LOCATION OF PATCH PLATES ON TOP CHORD



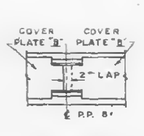
LOCATION OF PATCH PLATES ON BOTTOM CHORD



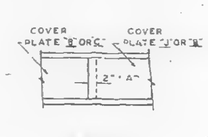
DETAIL "C"



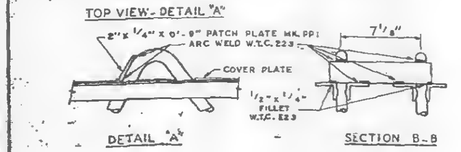
DETAIL "B"



DETAIL "D"

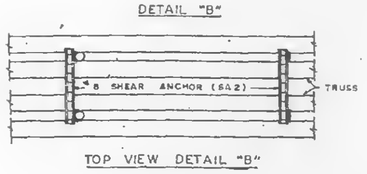


DETAIL "E"

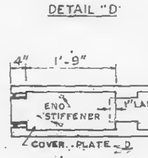


DETAIL "A"

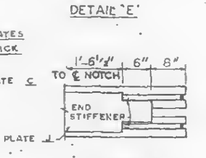
SECTION B-B



TOP VIEW DETAIL "B"

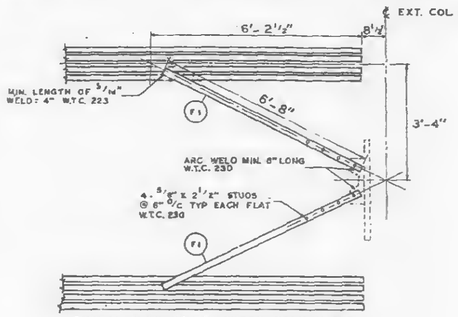


DETAIL "F"

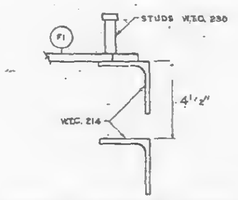


DETAIL "G"

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



TYPICAL PLAN OF TOP CHORD COLUMN END DIAGONAL TRUSS BRACES PLACED OVER DECK BY W.T.C. 223.

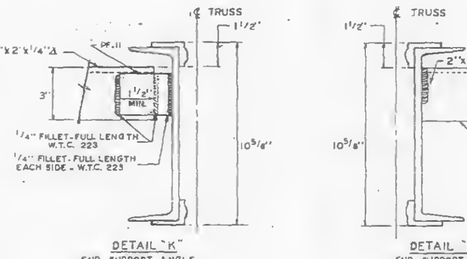


CLIP ANGLE LOCATION FOR DIAGONAL FLATS 4 1/2" ABOVE COLUMN CLIPS FOR TRUSS BEARING.

REQUIRED MATERIAL PER PANEL				REF. DRWG.
MATERIAL	MK.	PCS.	SIZE	
FLOOR TRUSSES	T14CL	2	C32T14CL x 59'-8"	ST 214CL
	T14CR	2	C32T14CR x 59'-8"	ST 214CL
BRIDGING TRUSSES	T13	3	24T13 x 13'-3"	BT 213
	T13D	1	24T13D x 13'-3"	BT 213D
3"x 2"x 1/4" ANGLE	A2	2	3"x2"x1'-4"x 5'-11 3/4"	ST 403
	A4	5	3"x2"x1'-4"x 13'-3"	ST 403
	A31	2	3"x2"x1'-4"x5'-8'-9"	ST 410
CLOSURE PLATES	PF-11	2	3"x 1/4" x 0'-2 3/8"	ST 412
DIAGONAL FLATS	F1	4	1'-2" x 8 1/8" x 6'-8"	ST 402
PATCH PLATES	PP1	12	2" x 1/4" x 0'-9"	ST 400
	PP2	12	3" x 3/8" x 0'-3"	ST 400
COVER PLATES	B	4	9" x .0135" x 15'-2"	ST 303
	C	2	9" x .0135" x 13'-2 1/8"	ST 303
	D	2	9" x .0135" x 2'-1"	ST 303
	J	2	8" x .0135" x 13'-11 1/8"	ST 304
ANGLE CLIPS	C1	16	2" x 1 1/2" x .25" x 6"	ST 40D
#8 SHEAR ANCHOR	SA2	4	#8 REBAR x 0'-8"	ST 400
CONNECTION BAR	CB1	5	1" ø x 1'-3"	ST 40D
CONNECTION PLATES (2)	P1	4	3 1/2" x 3 7/8" x 0'-6 1/2"	ST 400
	P2	4	4 1/2" x .39" x 0'-9"	ST 400
	P3	4	4 1/2" x .39" x 1'-0"	ST 400
	P9	4	3" x 1 1/2" x 1'-2"	ST 409

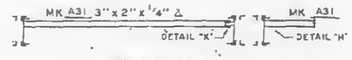
ALL ARC WELDS TO BE MADE WITH LOW HYDROGEN RODS IN THE E-70 SERIES OR EQUAL.
LETTERS AND NUMBERS IN ELLIPSES INDICATE CONNECTION DETAILS, ie., (1X)
ALL CONNECTION DETAILS FOR FLOORS 25, 59 & 92 ARE SHOWN ON SHEETS CD 210 THRU CD 229.
UNLESS OTHERWISE SHOWN ALL CONNECTION ARC WELDS SHALL BE 1" x 1/4" FULL THROAT FILLET.



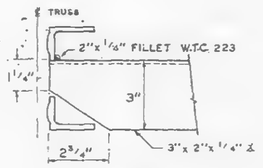


DETAIL "K" END SUPPORT ANGLE ATTACHMENT

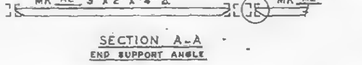
DETAIL "H" END SUPPORT ANGLE ATTACHMENT



SECTION C-C END SUPPORT ANGLE



DETAIL "J" END SUPPORT ANGLE ATTACHMENT



SECTION A-A END SUPPORT ANGLE

NO.	DATE	REVISION	BY
(2)	8-16-69	AS NOTED	G.D.
(1)	5-12-69	AS NOTED	G.D.

REF. DRWG.

7-A83-26	10-4-68
7-A81-13	10-4-68
7-A82-8	7-22-68
7-A84-28	7-22-68
58-124	3-24-69
7-A83-24	8-15-68

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

BLDG. B FLOORS 59 & 92 (EAST)

PANEL 87C - 13'-4" x 59'-8"

FABRICATION BY LACLEDE STEEL COMPANY

FABRICATED AT MADISON, ILLINOIS

APPROVED FOR FABRICATION FOR P.O.N.Y.A. DATE 7/28/69

APPROVED FOR FABRICATION BY FOR FABRICATOR DATE

DESIGN DRAWING NO 7-A83-26 PLATE 2

DRAWN BY [illegible] DATE MAY 8, 1969

CHECKED BY T.N. CHUBA DATE MAY 8, 1969

IN CHARGE OF PROD. DEV.

FABRICATION CONT NO W.T.C. 221

SHEET NO FP 87C

LACLEDE STEEL CO.