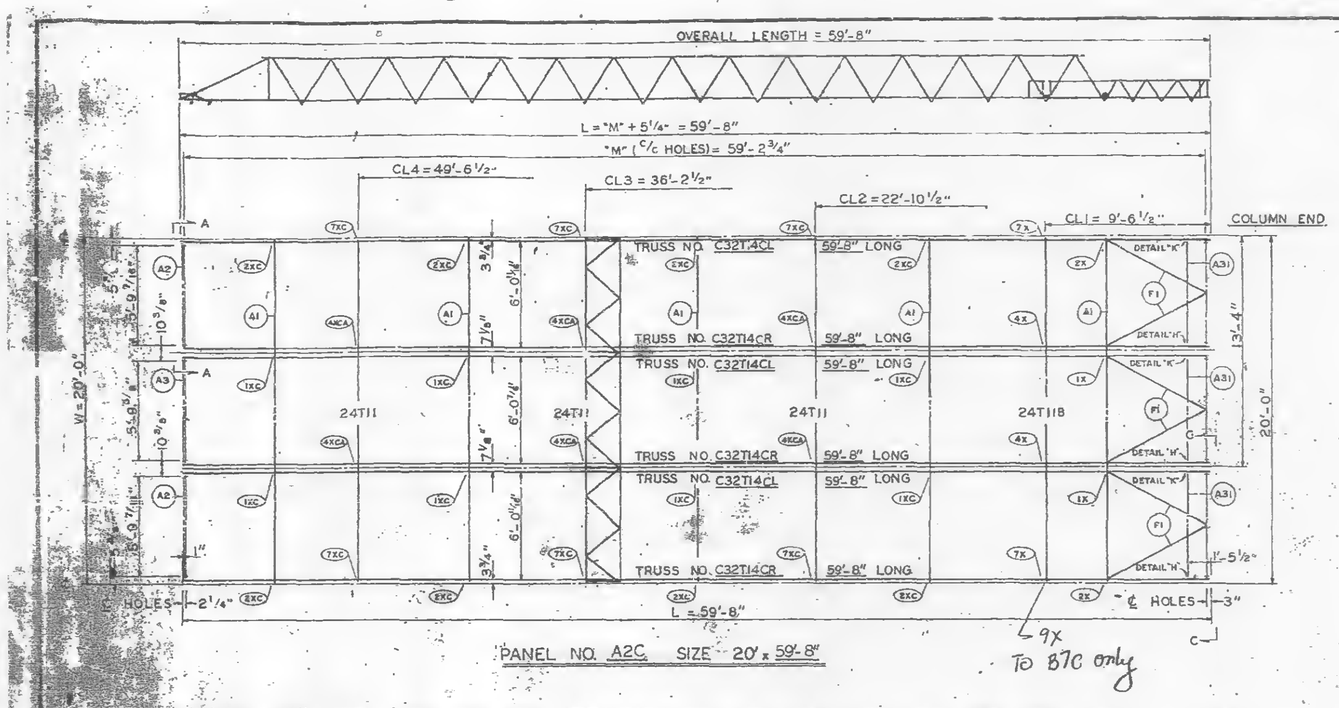
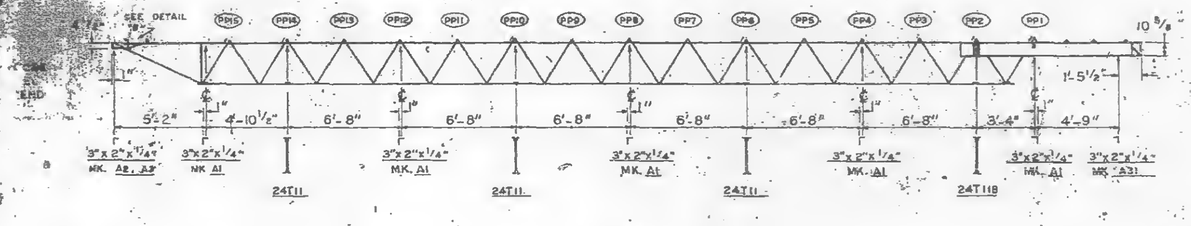
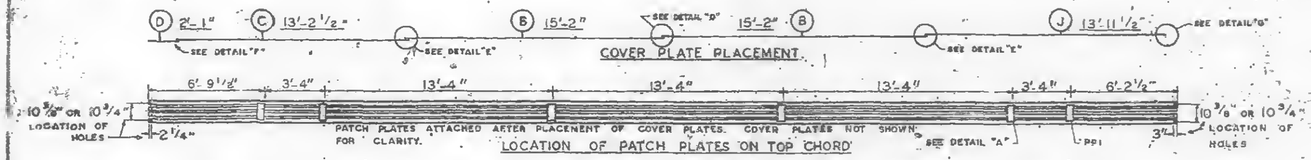


PANEL NO. A2C SIZE 20' x 59'-8"

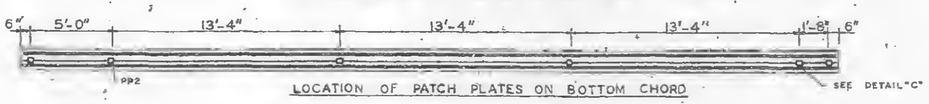




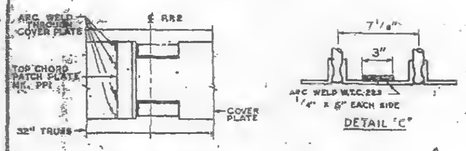
COVER PLATE PLACEMENT

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

LOCATION OF PATCH PLATES ON TOP CHORD

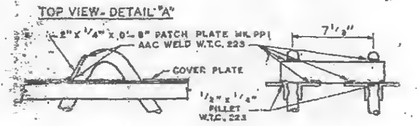


LOCATION OF PATCH PLATES ON BOTTOM CHORD

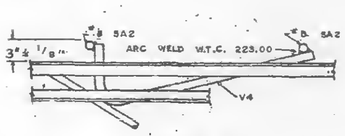


TOP VIEW - DETAIL "A"

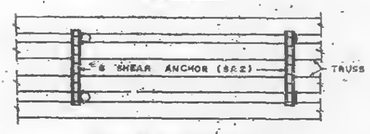
DETAIL "C"



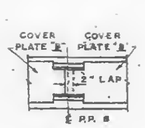
DETAIL "A" SECTION B-B



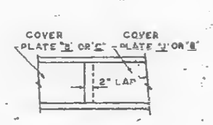
DETAIL "B"



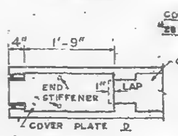
TOP VIEW DETAIL "B"



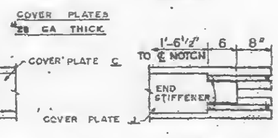
DETAIL "D"



DETAIL "E"

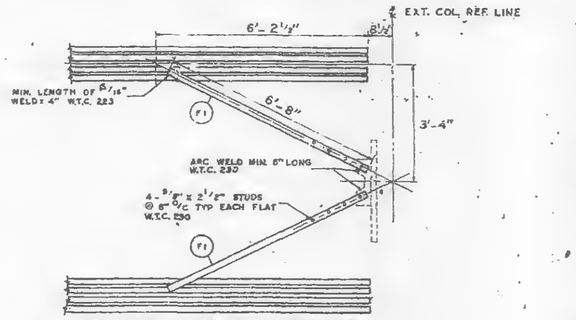


DETAIL "F"

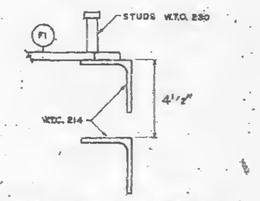


DETAIL "G"

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



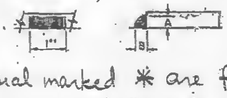
TYPICAL PLAN OF TOP CHORD COLUMN END DIAGONAL TRUSS BRACES PLACED OVER DECK BY W.T.C. 223.



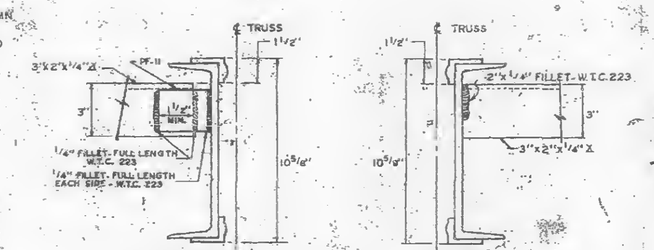
CLIP ANGLE LOCATION FOR DIAGONAL FLATS 4 1/2" ABOVE COLUMN. CLIPS FOR TRUSS BEARING.

REQUIRED MATERIAL PER PANEL				REF. DRWG.
MATERIAL	MK.	PCS.	SIZE	
FLOOR TRUSSES	T14CL	3	C32T14CL x 59'-8"	ST 214CL
	T14CR	3	C32T14CR x 59'-8"	ST 214CR
BRIDGING TRUSSES	T11	3	24T11 x 19'-11"	ST 211
	T11B	1	24T11B x 19'-11"	ST 211B
3"x 2"x 1/4" ANGLE	A1	5	3"x 2"x 1/4" x 19'-11"	ST 403
	A2	2	3"x 2"x 1/4" x 5'-11 3/16"	ST 403
	A3	1	3"x 2"x 1/4" x 5'-11 3/4"	ST 403
	A31	3	3"x 2"x 1/4" x 5'-8 1/2"	ST 410
CLOSURE PLATES	PF-11	3	3" x 1/4" x 0'-2 3/8"	ST 412
DIAGONAL FLATS	F1	6	1 1/8" x 5/16" 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	B	8	9" x .0135" x 15'-2"	ST 303
	C	4	9" x .0135" x 13'-2 1/2"	ST 303
	D	4	9" x .0135" x 2'-1"	ST 303
	J	4	9" x .0135" x 13'-8 1/2"	ST 304
ANGLE CLIPS	C1	24	2" x 1 1/2" x .25" x 0'-6"	ST 400
*8 SHEAR ANCHOR	SA2	8	"8 REBAR x 0'-9"	ST 400
CONNECTION BAR	CB1	10	1" 8 x 1'-3"	ST 400
CONNECTION PLATES	P1	8	3/8" x 3/8" x 0'-6 1/2"	ST 400
	P2	8	4 1/2" x .36" x 0'-9"	ST 400
	P3	8	4 1/2" x .36" x 8'-0"	ST 400
	P9	8	3"x 1/2" x 1'-2"	ST 409
	P10	1	*	

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. (J).
ALL CONNECTION DETAILS FOR FLOORS 25, 59 & 92 ARE SHOWN ON SHEETS CO 210 THRU CD 229.
UNLESS OTHERWISE SHOWN ALL CONNECTION ARC WELDS SHALL BE 1/4" x 1/4" FULL THROAT FILLET.

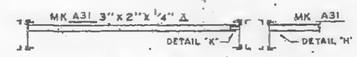


Material marked * are for Bldg B East Panel only

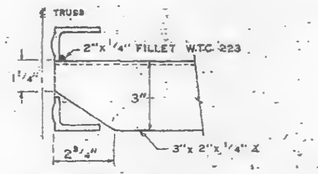


DETAIL "K" END SUPPORT ANGLE ATTACHMENT

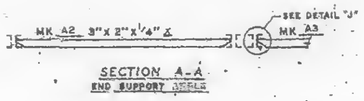
DETAIL "H" END SUPPORT ANGLE ATTACHMENT



SECTION C-C END SUPPORT ANGLE



DETAIL "J" END SUPPORT ANGLE ATTACHMENT



SECTION A-A END SUPPORT ANGLES

NO.	DATE	REVISION	BY



REF DRWG.	
7-A83-25	10-4-68
7-A83-24	8-15-68
7-A81-13	10-4-68
7-A82-5	7-22-68
7-A82-15	10-4-68

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

BLDG. A FLOORS 59 & 92 (SOUTH)

PANEL A2C - 20' x 59'-8"

BLDG. B FLOORS 59 & 92 (EAST)

FABRICATION BY LACLEDE STEEL COMPANY

FABRICATED AT MADISON, ILLINOIS

DESIGN DRAWING NO. _____ PLATE _____

APPROVED FOR FABRICATION BY _____ FOR P.O.N.Y.A. DATE _____

DRAWN BY R.W.B. DATE APRIL 28, 1969

APPROVED FOR FABRICATION BY _____ DATE _____

CHECKED BY T.N. CHUBA DATE APRIL 28, 1969

IN CHARGE OF PROD. DEV.

DETAILED BY A. WEST

FABRICATION CONT. NO. W.T.C. 221

SHEET NO. FP A2C