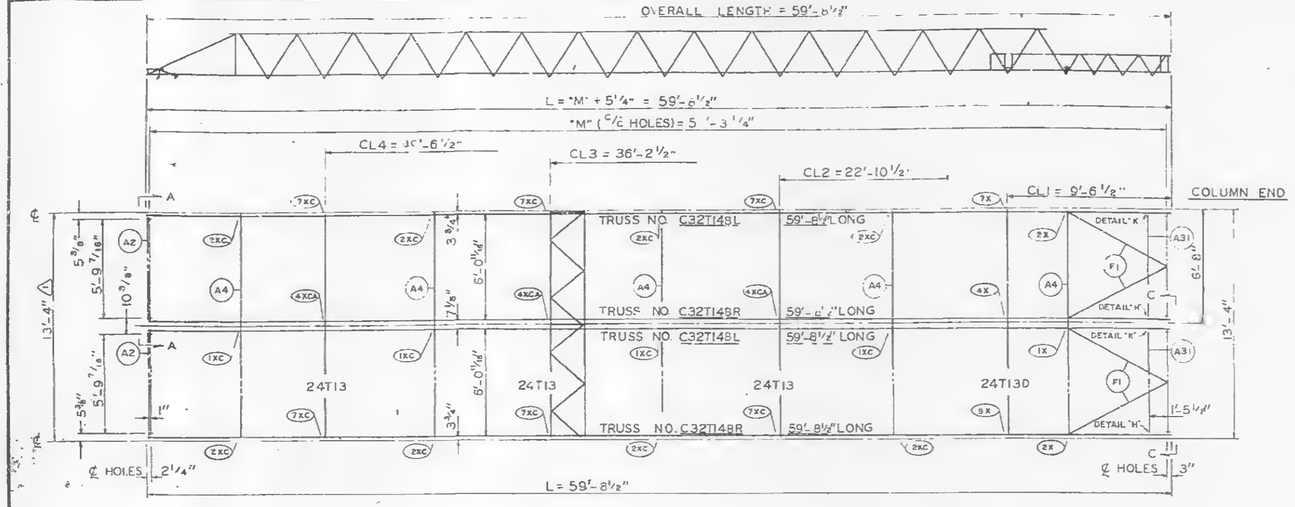
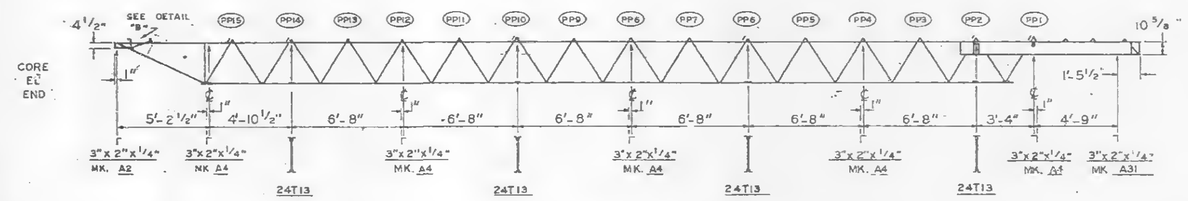


PANEL NO. 87B SIZE 13'-4" x 59'-8 1/2"

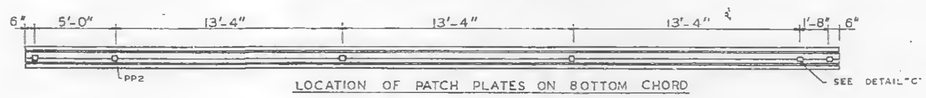




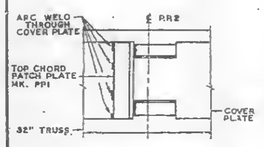
COVER PLATE PLACEMENT



LOCATION OF PATCH PLATES ON TOP CHORD



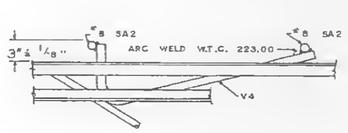
LOCATION OF PATCH PLATES ON BOTTOM CHORD



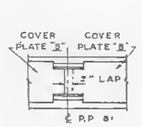
TOP VIEW- DETAIL "A"



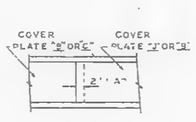
DETAIL "C"



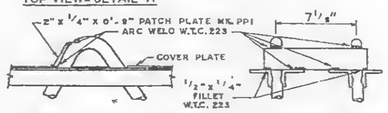
DETAIL "B"



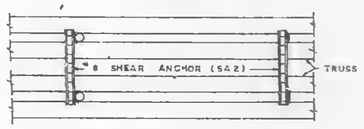
DETAIL "D"



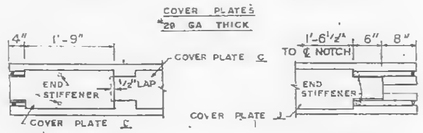
DETAIL "E"



DETAIL "A" SECTION B-B

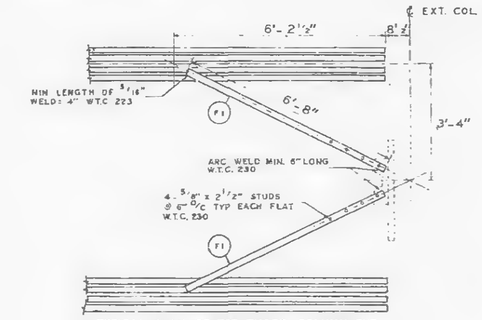


TOP VIEW DETAIL "B"

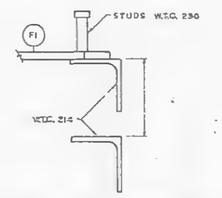


DETAIL "F" DETAIL "G"

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.

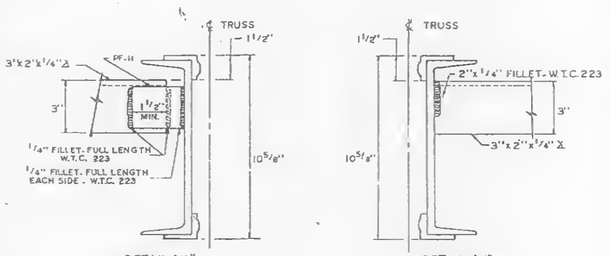


CLIP ANGLE LOCATION FOR DIAGONAL FLATS 4 1/2" ABOVE COLUMN CLIPS FOR TRUSS BEARING.

REQUIRED MATERIAL PER PANEL				REF.
MATERIAL	MK	PCS.	SIZE	DRWG.
FLOOR TRUSSES	T148L	2	C32T148L x 59'-8 1/2"	ST 2148L
	T148R	2	C32T148R x 59'-8 1/2"	ST 2148L
BRIDGING TRUSSES	T13	3	24T13 x 13'-3"	ST 213
	T13D	1	24T13D x 13'-3"	ST 213D
3"x 2"x 1/4" ANGLE	A2	2	3"x 2"x 1'-4"x 5'-11 9/16"	ST 403
	A4	5	3"x 2"x 1'-4"x 13'-3"	ST 403
	A31	2	3"x 2"x 1'-4"x 5'-8 7/8"	ST 410
CLOSURE PLATES	PF-11	2	3"x 1/4" x 0'-2 3/8"	ST 4 2
DIAGONAL FLATS	F1	4	1'-2" x 5'-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 1/2"	ST 303
	O	2	9"x .0135" x 2'-1"	ST 303
	J	2	9"x .0135" x 13'-11 1/2"	ST 304
ANGLE CLIPS	C1	18	2"x 1 1/2"x .25"x 6"	ST 400
#8 SHEAR ANCHOR	SA2	4	#8 REBAR x 0'-9"	ST 400
CONNECTION BAR	CB1	5	#8 ℄ x 1'-3"	ST 400
CONNECTION PLATES	P1	4	3 1/2"x 3/8"x 0'-6 1/2"	ST 400
	P2	3	4 1/2"x .39"x 0'-9"	ST 400
	P3	3	4 1/2"x .39"x 1'-0"	ST 400
	P8	4	3"x 1/2"x 1'-2"	ST 409
⚠	P10	1	4 1/2"x .39"x 0'-5"	ST 409
	P11	1	3"x 1/4"x 0'-6"	ST 409

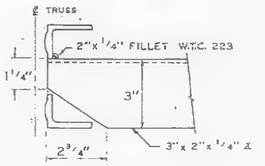
ALL ARC WELDS TO BE MADE WITH LOW HYDROGEN RODS IN THE E-70 SERIES OR EQUAL.
LETTERS AND NUMBERS IN ELLIPSES INDICATE CONNECTION DETAILS, i.e., (J).
ALL CONNECTION DETAILS FOR FLOORS 25, 59 & 82 ARE SHOWN ON SHEETS CD 210 THRU CD 229.
UNLESS OTHERWISE SHOWN ALL CONNECTION ARC WELDS SHALL BE 1"x 1/4" FULL THROAT FILLET.



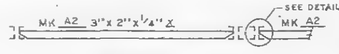




SECTION C-C
END SUPPORT ANGLE



DETAIL "J"
END SUPPORT ANGLE ATTACHMENT



SECTION A-A
END SUPPORT ANGLE

NO.	DATE	REVISION	BY
1	5-12-69	AS NOTED	G.O.

REF. DRWG.

7-A83-26	10-4-68
7-A81-13	10-4-68
7-A82-8	7-22-68
7-A84-26	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. 8 FLOORS 9C (WEST)

PANEL 87B - 13'-4" x 59'-8 1/2"

FABRICATION BY LACLEDE STEEL COMPANY

FABRICATED AT MADISON, ILLINOIS		DESIGN DRAWING NO 7-A83-26	PLATE
APPROVED FOR FABRICATION BY FOR P.O.N.Y.A.	DATE 6/6/69	DRAWN BY DATE MAY 8, 1969	
APPROVED FOR FABRICATION BY FOR FABRICATOR	DATE	CHECKED BY T.M. CHURA DATE MAY 8, 1969	IN CHARGE OF PROD. DEV.
DETAILED BY A.C. WEBER		FABRICATION CONT. NO WTC 221	SHEET NO FP 87B