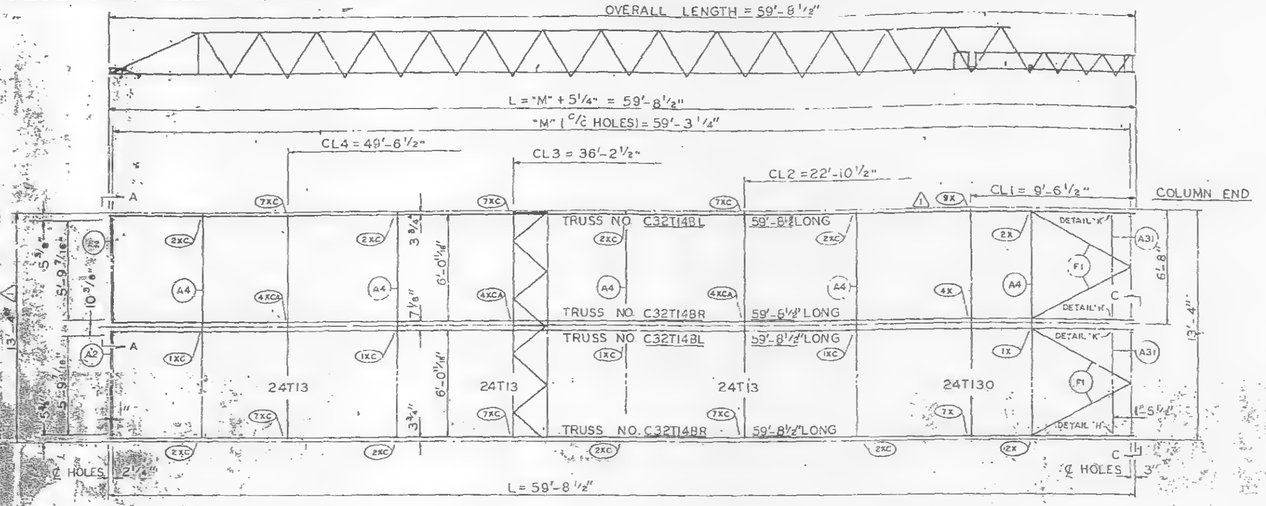
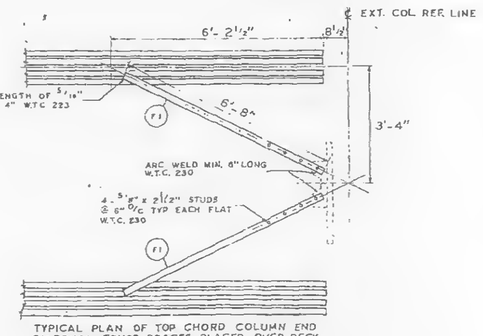
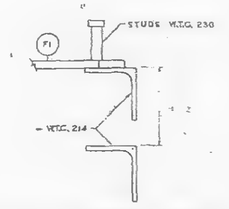


PANEL NO. BR2B SIZE 13'-4" x 59'-8 1/2"



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

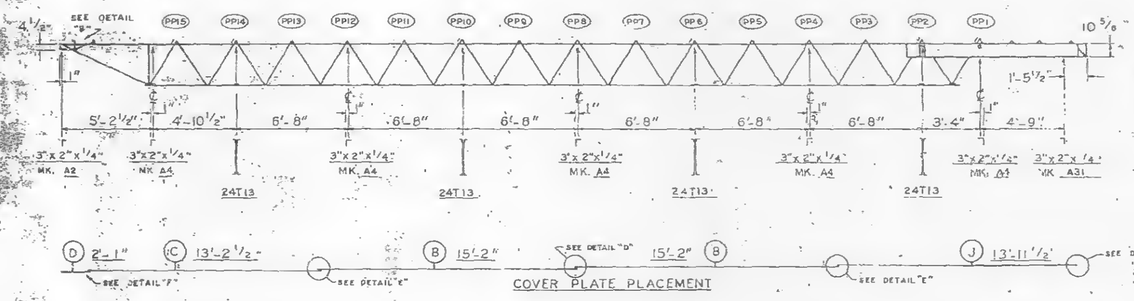


CLIP ANGLE LOCATION FOR DIAGONAL FLATS 4 1/2" ABOVE COLUMN CLIPS FOR TRUSS BEARING.

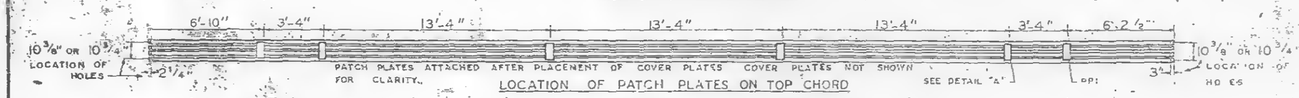
REQUIRED MATERIAL PER PANEL				REF.
MATERIAL	MK.	PCS.	SIZE	DRWG.
FLOOR TRUSSES	T14BL	2	C32T14BL x 59'-8 1/2"	ST 214BL
	T14BR	2	C32T14BR x 59'-8 1/2"	ST 214BL
BRIDGING TRUSSES	T13	1	24T13 x 13'-3"	ST 213
	T13D	1	24T130 x 13'-3"	ST 2130
3" x 2" x 1/4" ANGLE	A2	2	3" x 2" x 1/4" x 5'-11 9/16"	ST 403
	A4	5	3" x 2" x 1/4" x 13'-3"	ST 403
	A31	2	3" x 2" x 1/4" x 5'-8 1/8"	ST 410
CLOSURE PLATES	PF11	2	3" x 1/4" x 0'-2 3/16"	ST 412
DIAGONAL FLATS	F1	4	11/2" 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
	D	2	9" x .0135" x 2'-1"	ST 303
	J	2	9" x .0135" x 13'-11 1/2"	ST 304
ANGLE CLIPS	C1	16	2" x 1 1/2" x .25" x 6"	ST 400
7/8" SHEAR ANCHOR	SA2	4	7/8" REBAR x 0'-8"	ST 400
CONNECTION BAR	C21	5	1" □ x 1'-3"	ST 400
CONNECTION PLATES ⚠1	P1	4	3 1/2" x 3 1/8" x 0'-8 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
	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, ie., (1X)
ALL CONNECTION DETAILS FOR FLOORS 25, 89 & 92 ARE SHOWN ON SHEETS CD 210 THRU CD 229.
UNLESS OTHERWISE SHOWN ALL CONNECTION ARC WELDS SHALL BE 1/4" FULL THROAT FILLET.



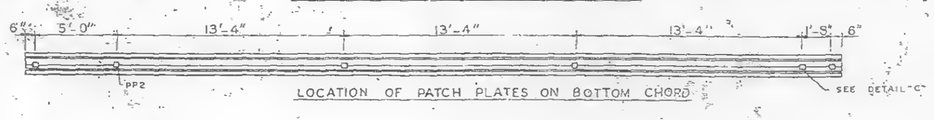


COVER PLATE PLACEMENT

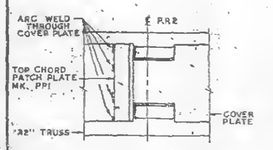


PATCH PLATES ATTACHED AFTER PLACEMENT OF COVER PLATES FOR CLARITY. COVER PLATES NOT SHOWN

LOCATION OF PATCH PLATES ON TOP CHORD

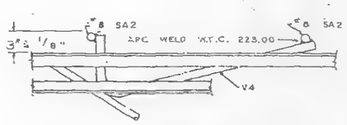


LOCATION OF PATCH PLATES ON BOTTOM CHORD

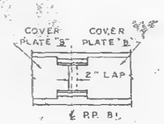




DETAIL "C"



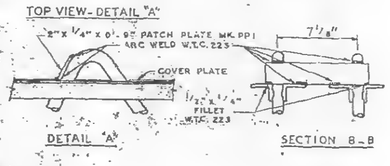
DETAIL "B"



DETAIL "D"

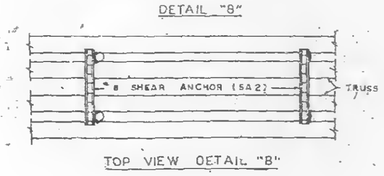


DETAIL "E"

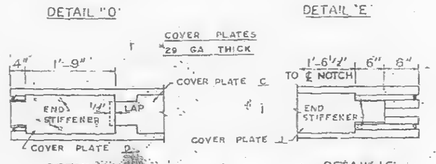


DETAIL "A"

SECTION B-B



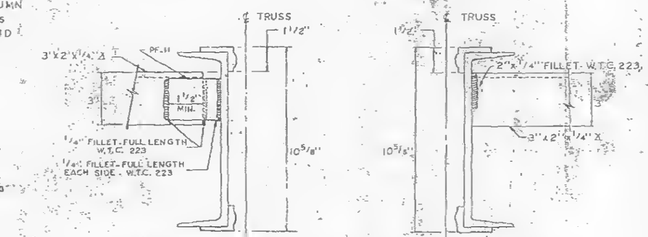
TOP VIEW DETAIL "B"



DETAIL "F"

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

DETAIL "G"

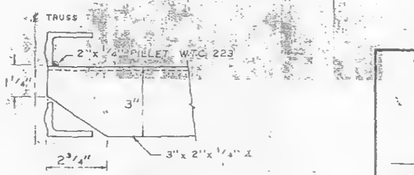


DETAIL "K"
END SUPPORT ANGLE ATTACHMENT

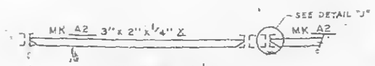
DETAIL "H"
END SUPPORT ANGLE ATTACHMENT



SECTION C-C
END SUPPORT ANGLE



DETAIL "J"
END SUPPORT ANGLE ATTACHMENT



SECTION A-A
END SUPPORT ANGLE

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

REF DRWG.

7-A83-27	10-4-68
7-A81-13	10-4-68
7-A82-8	7-22-66
7-A84-28	7-22-68
SA-124	10-11-68
7-A83-24	8-15-68

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

BLDG. A FLOORS 90 (NORTH)

PANEL BR2B-13'-4" x 59'-8 1/2"

FABRICATION BY LACLEDE STEEL COMPANY

FABRICATED AT MADISON, ILLINOIS		DESIGN - DRAWING NO. 7-A83-27	PLATE
APPROVED FOR FABRICATION BY FOR P.O.N.Y.A.	DATE 6/6/69	DRAWN BY [illegible] DATE APRIL 28, 1969	
APPROVED FOR FABRICATION BY FOR FABRICATOR	DATE	CHECKED BY T.M. CHURA DATE APRIL 28, 1969	IN CHARGE OF PROD. DEV.
DETAILED BY A.C. WEBER		FABRICATION CONT. NO W.T.C. 221	SHEET NO FD BR2B-1