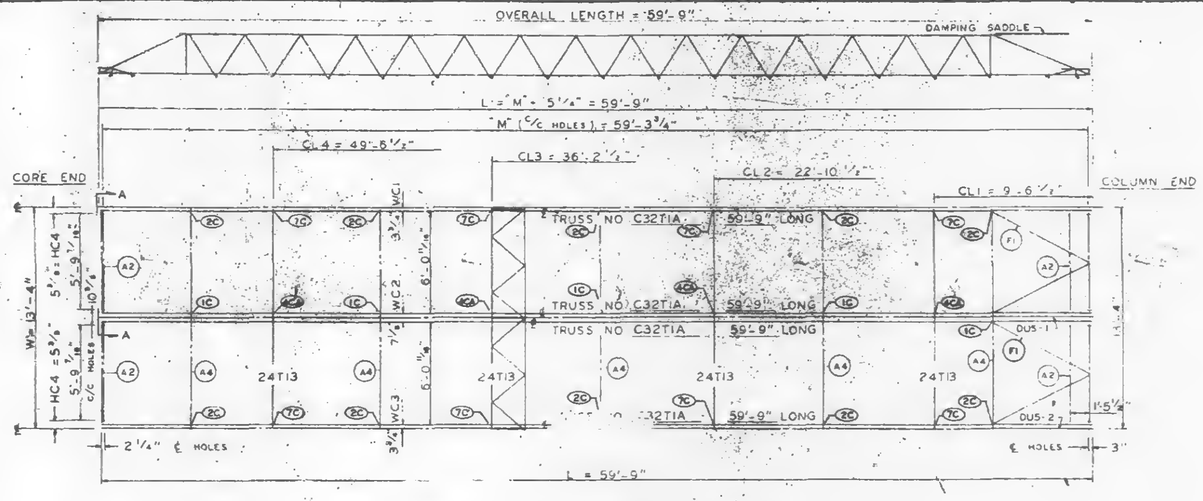
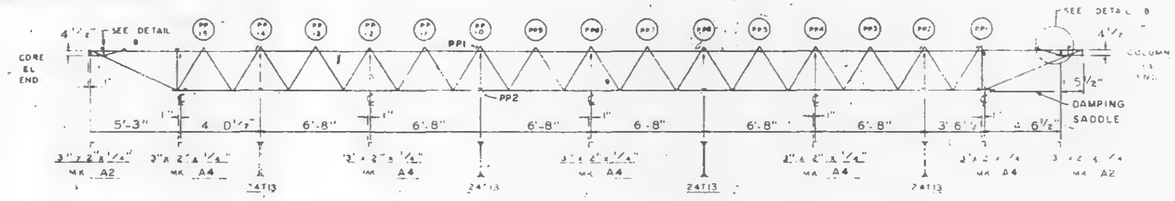
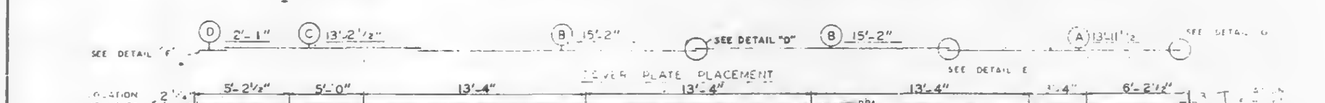


PANEL NO. B1A SIZE 13'-4" x 59'-9"

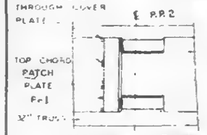
℄ & DIMENSION HC4 ARE RELATED TO HOLES PUT IN BEARING END OF FLOOR TRUSSES WHICH ARE SIMILAR WITH BUT NOT EXACTLY ALIGNED WITH HOLE ℄ ON THE COLUMN CLIPS & BRACES



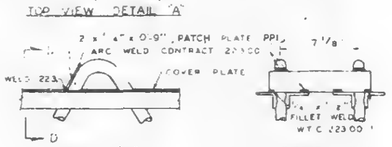


LOCATION OF PATCH PLATES ON TOP CHORD

LOCATION OF PATCH PLATES ON BOTTOM CHORD



TOP VIEW DETAIL "A"

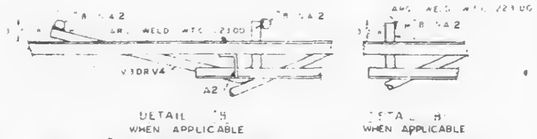


DETAIL "A" SECTION "B"



DETAIL "D" DETAIL "E"

COVER PLATES 20 GA THICK



DETAIL "H" WHEN APPLICABLE

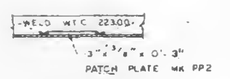
DETAIL "H" WHEN APPLICABLE



TOP VIEW DETAIL "B"



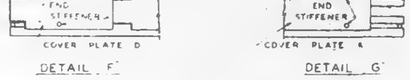
DETAIL "C"



SECTION E-E

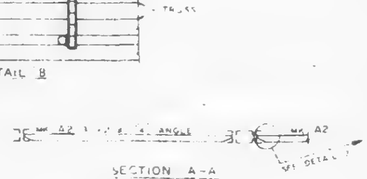
NOTE. ALL ARC WELDS TO BE MADE WITH LOW HYDROGEN RODS IN THE E-70 SERIES OR EQUAL.
UNLESS SHOWN OTHERWISE ALL CONNECTION ARC WELDS SHALL BE 1/4" x 1" FULL THROAT FILLET.

A = 1/4"
B = 1/4"

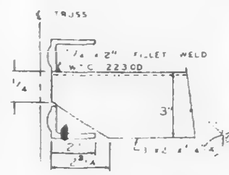


DETAIL "F" DETAIL "G"

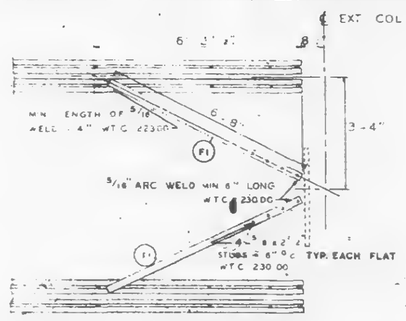
FIELD PUNCH COVER PLATES OVER END STIFFENERS WTC 22300



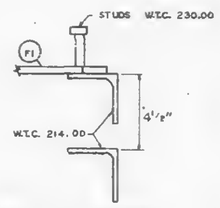
SECTION A-A
END SUPPORT ANGLES.



DETAIL "J"
END SUPPORT ANGLE ATTACHMENT



TYPICAL PLAN OF TOP CHORD COLUMN END DIAGONAL TRUSS BRACES PLACED OVER DECK BY WTC 223.00



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	T1A	4	C32T1A - 59'-9"	ST201A
BRIDGING TRUSSES	T13	4	24T13 - 13'-3"	ST213
3"x2"x1/4" ANGLE	A2	4	3"x2"x1'-6"x5'-11 9/16"	ST403
	A4	5	3"x2"x1/4 x 13'-3"	ST403
DIAGONAL FLATS	F1	4	1'-2"x 5/8"x 6'-8"	ST402
PATCH PLATES	PP1	12	2"x1'-4"x 0'-9"	ST 400
	PP2	12	3"x 5/8"x 0'-3"	ST 400
COVER PLATES	A	2	9"x.0135"x 13'-11 1/2"	ST 303
	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
ANGLE CLIPS	C1	16	2"x 1 1/2"x 1/4"x 0'-8"	ST 400
"B" SHEAR ANCHOR	SA2	8	"B" REBAR x 0'-9"	ST 400
DAMPING SADDLE	DUS-1	1	3 1/2"x3 1/2"x 3/4"x 3'-8 7/8"	ST298
	DUS-2	1	3 1/2"x3 1/2"x 3/8"x 3'-8 7/8"	ST298
CONNECTION BAR	CB1	4	1"# x 1'-3"	ST 400
CONNECTION PLATES	P1	5	3 1/2" x 3/8" x 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

NUMBERS AND LETTERS IN ELLIPSES, ie., (15), INDICATE CONNECTION DETAILS SHOWN ON SHEET CO 201 OR CO 202.

NO.	DATE	REVISION	BY
1	7-15-68	GENERAL	T.M.C.

REF DRWG

7-AB4-3,3.1 & 30	1-3-68
7-AB4-15 & 16	5-6-68
7-AB4-42	4-1-68
GA-104	10-20-67
7-AB3-2	1-3-68
7-AB1-2	2-5-68
7-AB2-8	2-15-68

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
89 (NORTH) PANEL B1A - 13'-4" x 59'-9"

FABRICATION BY LACLEDE STEEL COMPANY			
FABRICATED AT MADISON, ILLINOIS		DESIGN DRAWING NO. 7-AB3-5 4-1-68 PLATE	
APPROVED FOR FABRICATION FOR PONYA	DATE 8/16/68	DRAWN BY DATE FEB. 24, 1968	
APPROVED FOR FABRICATION BY FOR FABRICATOR	DATE	CHECKED BY J.R.PAUL DATE FEB. 24, 1968	IN CHARGE OF PROD. DEV.
DETAILED BY A.C. WEBER		FABRICATION CONT. W.T.C. 221	SHEET NO FP B1A