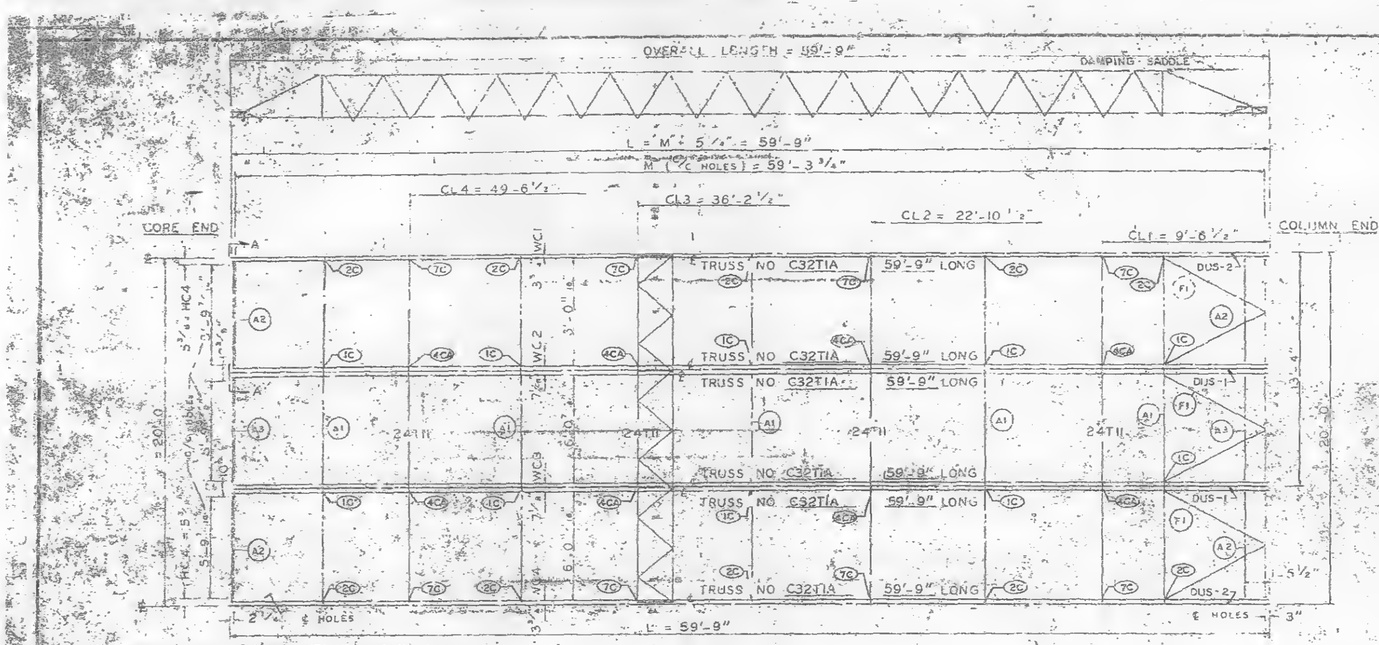
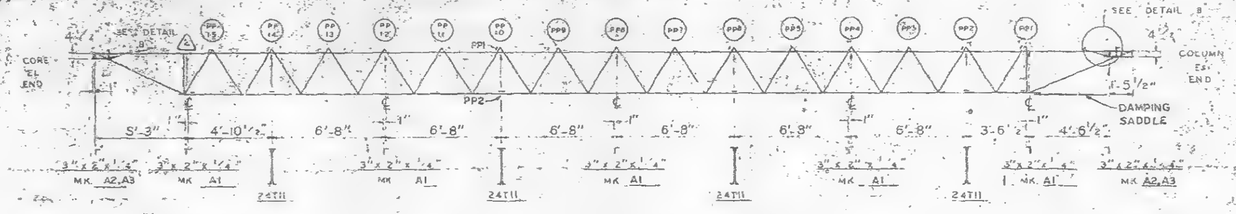
0021-099

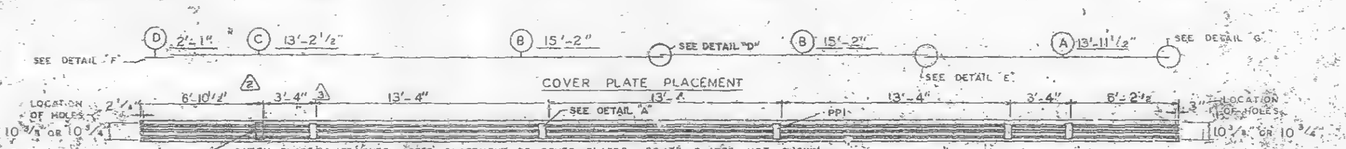
WTCI-131-LERA



℄ & 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.

PANEL NO. A1A SIZE 20'-0" x 59'-9"

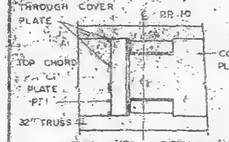




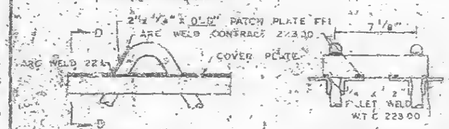
LOCATION OF PATCH PLATES ON TOP CHORD



LOCATION OF PATCH PLATES ON BOTTOM CHORD



TOP VIEW - DETAIL "A"

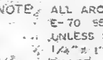


DETAIL "A" SECTION D-D



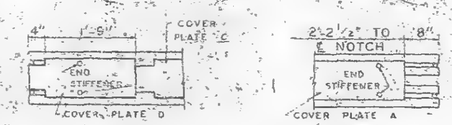
DETAIL "C" SECTION E-E

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.



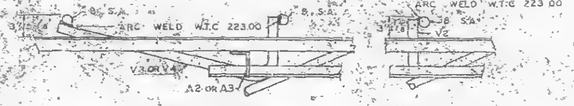


DETAIL "D" DETAIL "E"

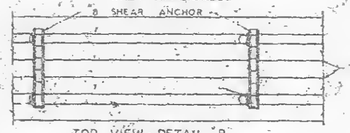


DETAIL "F" DETAIL "G"

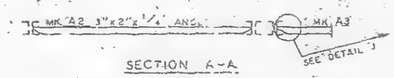
FIELD PUNCH COVER PLATES OVER END STIFFENERS W.T.C. 223.00



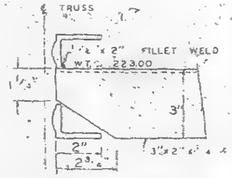
DETAIL "B" WHEN APPLICABLE DETAIL "B1" WHEN APPLICABLE



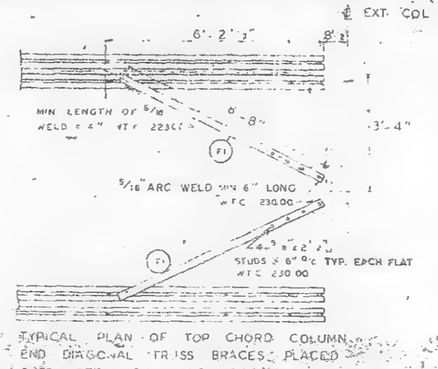
TOP VIEW - DETAIL "B"



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 W.T.C. 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	6	C32T1A - 59'-9"	ST201A
BRIDGING TRUSSES	T11	4	24T11 - 19'-11"	ST211
3"x2"x1/4" ANGLE	A1	5	3"x2"x1/4"x 19'-11"	ST 403
	A2	4	3"x2"x1/4"x 5'-11 15/16"	ST 403
	A3	2	3"x2"x1/4"x 5'-11 3/4"	ST 403
DIAGONAL FLATS	F1	6	1 1/2"x 5/8"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	A	4	9"x.0135"x 13'-11 1/2"	ST303
	B	8	9"x.0135"x 15'-2"	ST303
	C	4	9"x.0135"x 13'-2 1/2"	ST303
	D	4	9"x.0135"x 8'-1"	ST303
ANGLE CLIPS	C1	24	2"x1 1/2"x 1/4"x 0'-6"	ST 400
8 SHEAR ANCHOR	SA2	16	7/8 REBAR x 0'-9"	ST 400
DAMPING SADDLE	DUS-1	2	3 1/8"x3 1/2"x 3/8"x3'-6 7/8"	ST 298
	DUS-2	2	3 1/8"x3 1/2"x 3/8"x 3'-6 7/8"	ST 210B
CONNECTION BAR	CB1	8	1"x 1'-3"	ST 406
CONNECTION PLATES	P1	10	3 1/2" x 3/8" x 3 1/2"	ST 400
	P2	8	4 1/2" x .39" x 0'-9"	ST 400
	P3	8	4 1/2" x .39" x 1'-0"	ST 400

LETTERS AND NUMBERS IN ELLIPSES (e.g. (1C)) INDICATE CONNECTION DETAILS SHOWN ON SHEETS CD 201 OR CD 202.

NO.	DATE	REVISION	BY
4	5-13-69	AS NOTED	G.D.C.
3	3-11-69	AS NOTED	G.D.C.
2	2-17-69	AS NOTED	G.D.C.
1	7-12-68	GENERAL	T.M.C.

REF DRWG		
	7-AB4-3	10-15-68
	7-AB4-15 & 16	7-22-68
	7-AB4-41	7-22-68
4	SA-124	1-6-68
	7-AB3-2	1-3-68
	7-AB1-2	7-22-68
	7-AB2-6	7-22-68

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, 69 (NORTH) PANEL A1A 20'-0" x 59'-9"

BLDG. B FLOORS 14-24, 26-38 (EAST & WEST) 49-58, 60-69 (WEST) A

FABRICATION BY LACLEDE STEEL COMPANY

FABRICATED AT MADISON, ILLINOIS		DESIGN DRAWING NO. 7-AB3-3	PLATE
APPROVED FOR FABRICATION BY James Worthington, Y.A.	DATE 1/12/70	DRAWN BY J.W.R. DATE FEB 24, 1968	
APPROVED FOR FABRICATION BY ... FOR FABRICATOR	DATE	CHECKED BY J.B.PAUL DATE FEB 24, 1968	IN CHARGE OF PROD. DEV.
DETAILED BY STEEL		FABRICATION CONT. NO. W.T.C. 221	SHEET NO. FP A1A