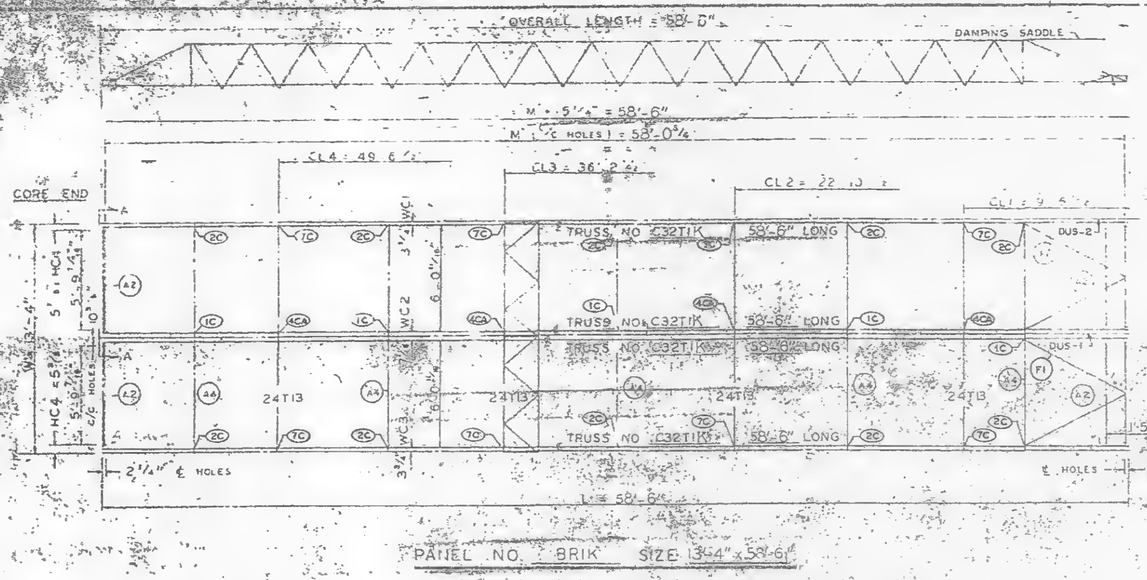
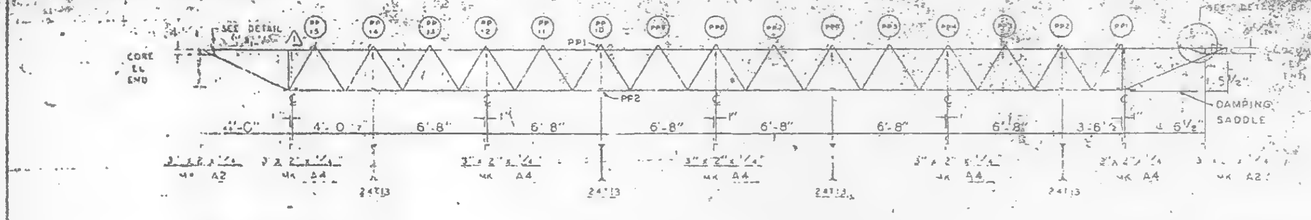
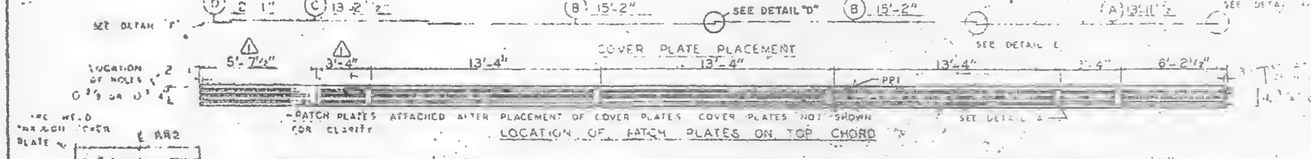


PANEL NO. B1K SIZE 13'-4" x 58'-6"

C & A DIMENSION INC A ARE RELATED TO HOLES PUT IN BEARING END OF FLOOR TRUSSES WHICH ARE SIMILAR WITH, BUT NOT EXACTLY ALIGNED WITH HOLE C ON THE COLUMN CLIPS & BRACES.

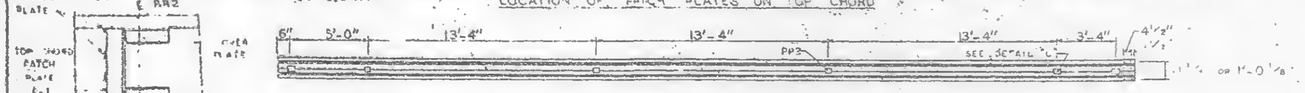




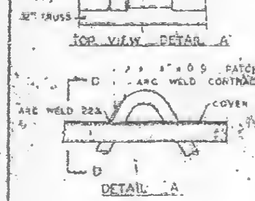
COVER PLATE PLACEMENT

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

LOCATION OF PATCH PLATES ON TOP CHORD

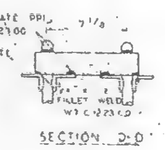


LOCATION OF PATCH PLATES ON BOTTOM CHORD



TOP VIEW DETAIL A

DETAIL "A"



SECTION D-D

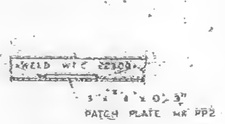


DETAIL "D"

DETAIL "E"

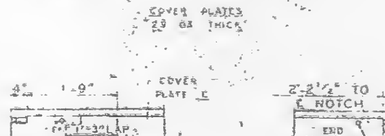


DETAIL "C"



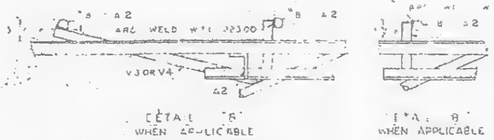
SECTION E-E

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.



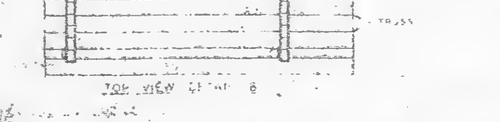
DETAIL "F"

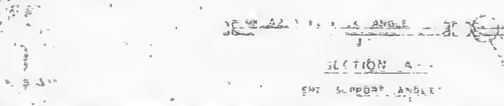
DETAIL "G"



DETAIL "B" WHEN APPLICABLE

DETAIL "B" WHEN APPLICABLE



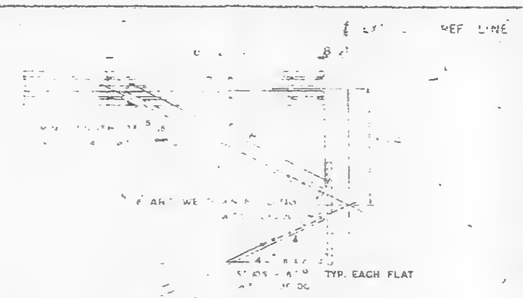


SECTION A-A

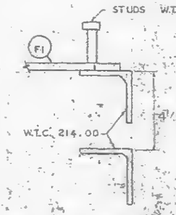
END SUPPORT ANGLE



DETAIL END SUPPORT ANGLE ATTACHMENT



TYPICAL PLAN AT TOP CHORD COLUMN FOR DIAGONAL BRACES PLACED OVER DECK BI WTC 223.00



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

NUMBERS AND LETTERS IN ELLIPSES, ie., (1C), INDICATE CONNECTION DETAILS SHOWN ON SHEET CD 201 OR CD 202.

REQUIRED MATERIAL PER PANEL

MATERIAL	MK	QTY	SIZE	REF DRWG
FLOOR TRUSSES	T1A	4	2'-7" x 58'-6"	ST 201A
BRACING TRUSSES	T13	4	2'-3" x 13'-3"	ST 218
3" x 3" x 1/4" ANGLE	A2	5	3" x 3" x 5'-1"	ST 403
	A4	5	3" x 3" x 4'-3"	ST 403
DIAGONAL FLATS	-	4	3" x 1/4" x 6'-8"	ST 402
PATCH PLATES	PP1	12	2'-0" x 1'-0" x 0'-9"	ST 400
	PP2	12	2'-0" x 1'-0" x 0'-3"	ST 400
COVER PLATES	A	2	5" x .0135" x (13'-11 1/2")	ST 303
	B	4	5" x .0135" x 15'-2"	ST 303
	C	2	9" x .035" x (13'-2 1/2")	ST 303
	D	2	9" x .035" x 2'-1"	ST 303
ANGLE CLIPS	CI	16	2" x 1 1/2" x 1 1/4" x 0'-6"	ST 400
3/4" ϕ SHEAR ANCHOR	SA2	6	3/4" ϕ REBAR x 0'-9"	ST 400
DAMPING SADDLE	DUS-1	1	3 1/2" x 3 1/2" x 3/8" x 3'-6 7/8"	ST 298
	DUS-2	1	3 1/2" x 3 1/2" x 3/8" x 3'-6 7/8"	ST 298
CONNECTION BAR	CBI	4	1" x 1" x 1'-3"	ST 400
CONNECTION PLATES	P1	5	3 1/2" x 3/8" x 0'-8"	ST 400
	P2	4	4 1/2" x .30" x 0'-9"	ST 400
	P3	4	4 1/2" x .30" x 1'-0"	ST 400

NO.	DATE	REVISION	BY
1	6-5-69	AS NOTED	RJL

REF DRWG
7 484-3 10-15-68
484-15 IF 2-25-69
A9-42 10-15-68
SA-4 1-6-69
A9A-4 1-3-69
A4-2 2-22-68
A9A-8 2-22-68

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

BLDG A FLOORS 46(N) + 45-46(C)

PANEL FOR B1K

BLDG B FLOOR 46 (EAST & WEST) 45 (EAST) 1

FABRICATION BY LACLEDE STEEL COMPANY
FABRICATED AT MADISON, ILLINOIS
APPROVED FOR FABRICATION James White DATE 1/2/70
APPROVED FOR FABRICATION DATE
DESIGN DRAWING NO. 7 484-3 PLATE
APPROVED DATE
CHECKED BY V. PIPA IN CHARGE OF DETAILING
FABRICATION CONT NO. SHEET NO.
WT. 85
DETAILED BY