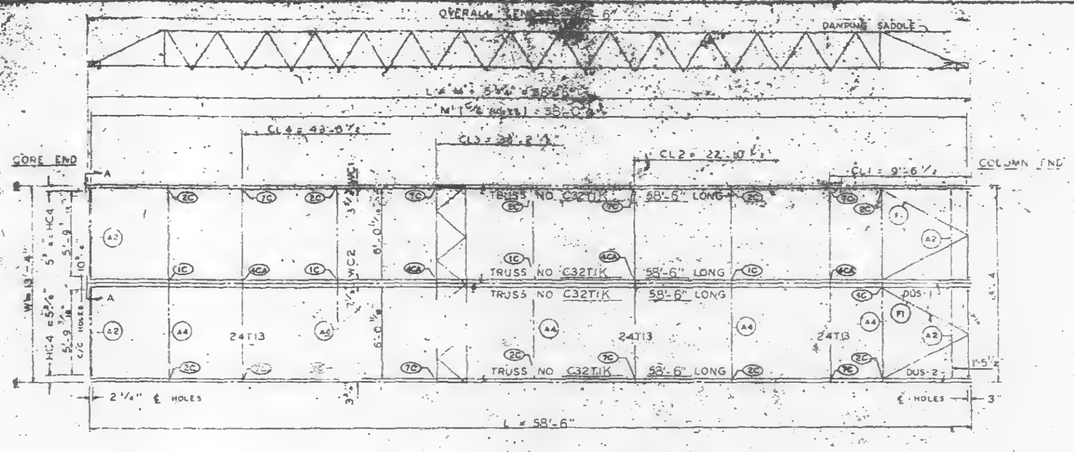
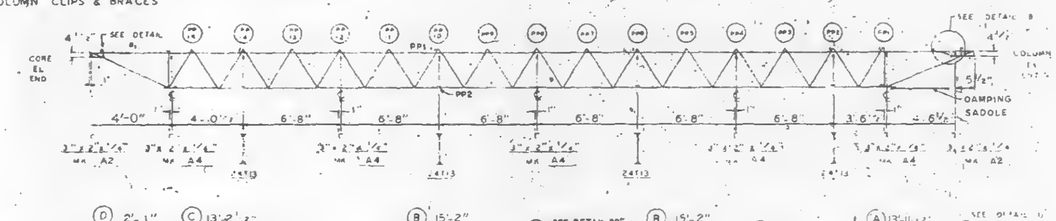
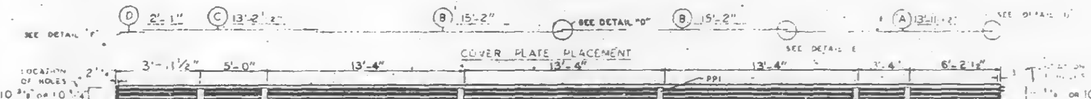


PANEL NO. B1K SIZE 13'-4" x 58'-6"

℄ & DIMENSION HC4 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

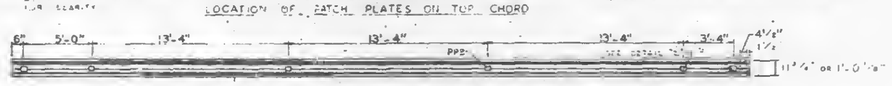




COVER PLATE PLACEMENT

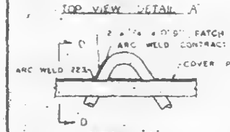
PATCH PLATES ATTACHED AFTER PLACEMENT OF COVER PLATES COVER PLATES NOT SHOWN FOR CLARITY

LOCATION OF PATCH PLATES ON TOP CHORD

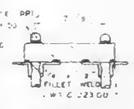


LOCATION OF PATCH PLATES ON BOTTOM CHORD

TOP VIEW DETAIL 'A'



DETAIL 'A'

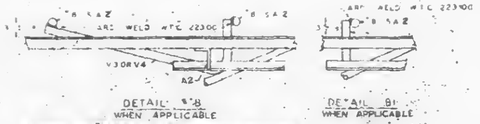


SECTION D-D



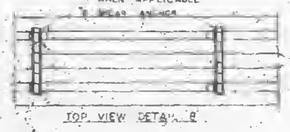
DETAIL 'D' DETAIL 'E'

COVER PLATES 5/8" GA THICK

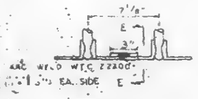


DETAIL 'B' WHEN APPLICABLE

DETAIL 'B1' WHEN APPLICABLE



TOP VIEW DETAIL 'B'



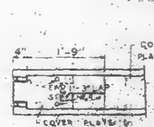
DETAIL 'C'



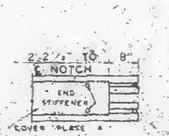
SECTION E-E

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 1/2" x 1" FULL THROAT FILLET.



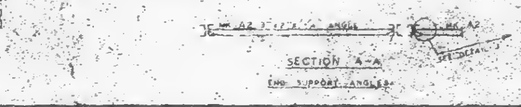


DETAIL 'K'



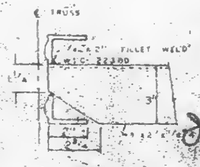
DETAIL 'J'

FIELD PUNCH COVER PLATES OVER END STIFFENERS WTC 22300

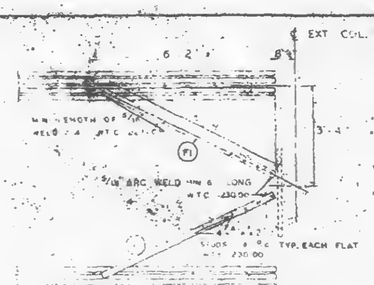


SECTION A-A

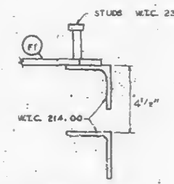
END SUPPORT ANGLES



DETAIL 'H'



TYPICAL PLAN OF TOP CHORD COLUMN FOR DIAGONAL TRUSS BRACES PLACED FULL DEPTH BY WTC 223.00



CLIP ANGLE LOCATION FOR DIAGONAL FLATS 4 1/8" ABOVE COLUMN CLIPS FOR TRUSS BEARING

REQUIRED MATERIAL FOR ONE PANEL				
MATERIAL	MARK	NO.	SIZE	SPEC.
FLOOR TRUSSES	TK	4	C32T1K - 58'-6"	
BRIDGING TRUSSES	T13	4	24T13 - 13'-3"	ST 400
3" x 2" x 1/4" ANGLE	A2	4	3" x 2" x 1/4" x 5'-11 15/16"	ST 403
	A4	5	3" x 2" x 1/4" x 13'-3"	ST 403
DIAGONAL PLATES	F1	3	1'-1 1/8" x 4 1/8" x 8'-8"	ST 402
PATCH PLATES	PP1	12	2' x 1'-4" x 0'-9"	ST 400
	PP2	12	3'-1" x 1'-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 13'-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'-0" x 1'-1" x 0'-8"	ST 400
#8 SHEAR ANCHOR	SA2	16	#8 REBAR x 0'-0"	ST 400
DAMPING SADDLE	DUS-1	1	3 1/2" x 3 1/2" x 3/4" x 3'-8 7/8"	ST 298
	DUS-2	1	3 1/2" x 3 1/2" x 3/8 x 3'-3 7/8"	ST 298
CONNECTION BAR	CB1	4	1'-8" x 1'-3"	ST 400
CONNECTION PLATES	P1	5	3 1/2" x 3/8" x 8 1/2"	ST 400
	P2	4	4 1/2" x .38" x 0'-8"	ST 400
	P3	4	4 1/2" x .38" x 1'-0"	ST 400

NUMBERS AND LETTERS IN ELLIPSES, ie., (16), INDICATE CONNECTION DETAILS SHOWN ON SHEET CD 201 OR CD 202.

NO.	DATE	REVISION	BY

REF DRWGS: 7-AB4-33,1&30 ... 5/68
7-AA4-15 E-4 ... 5-6-68
7-AA4-42 ... 4-1-68
SA-14 ... 10-20-67
7-AB4-2 ... 2-1-68
7-AB1-2 ... 2-1-68
7-AB4-1 ... 2-15-68

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

BLDG A FLOORS 45-46(S) & 46(N)
PANEL B1K - 13'-4" x 58'-6"

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 10/23/68	DRAWN BY	DATE 10/21/68
APPROVED FOR FABRICATION BY FOR FABRICATOR	DATE	CHECKED BY	DATE 10-23-68 IN CHARGE OF
DETAILED BY A.F. KLAER		FABRICATION CONT. NO. WTC 221	SHEET NO. FB 81