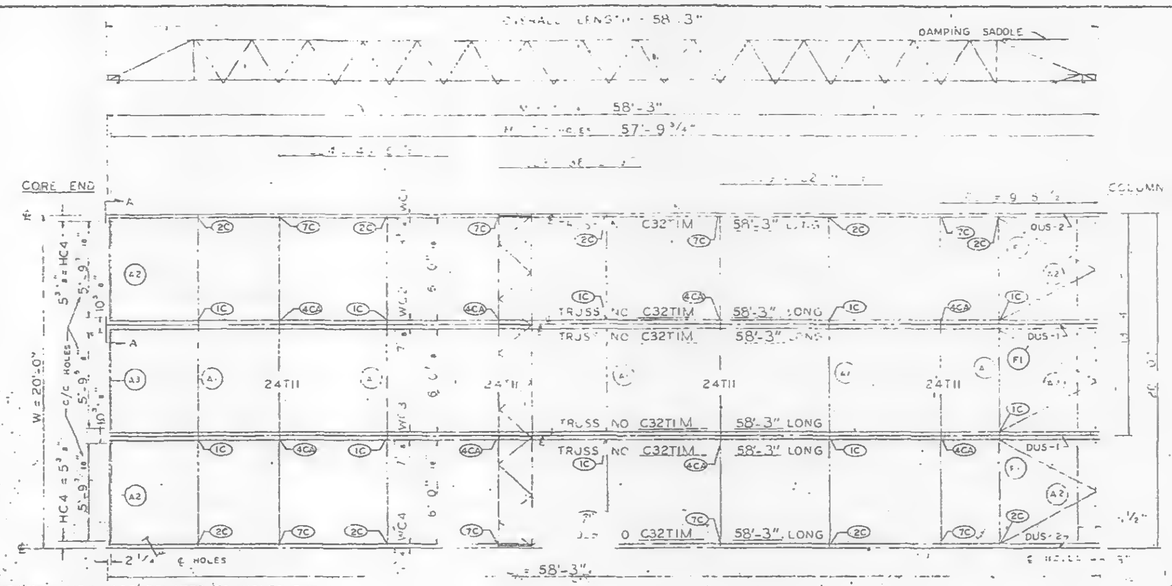
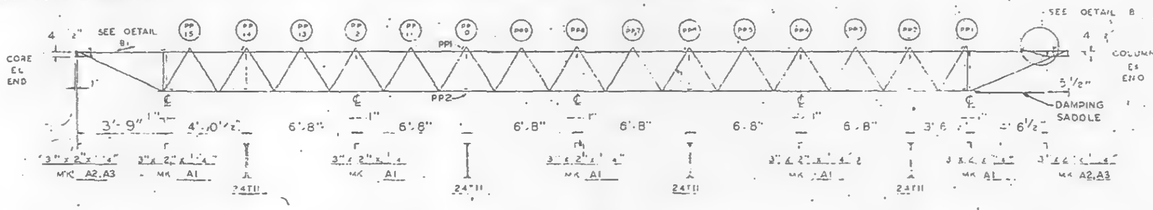


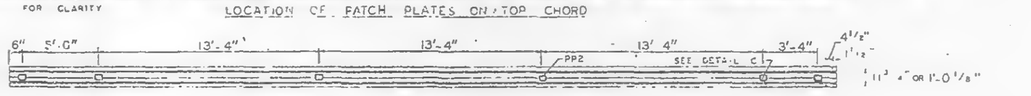
℄ DIMENSION HC4 ARE RELATED TO HOLES PUT IN BEARING END OF FLOOR TRUSSES WHICH ARE SIMILAR WITH BUT NOT EXACTLY ALIGNED WITH HOLE ℄ ON THE COLUMN CLIPS & BRACES

PANEL NO A1D SIZE 20'-0" x 58'-3"

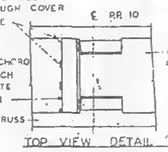




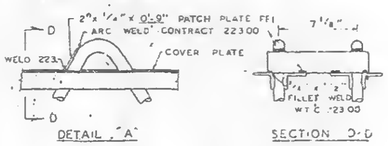
LOCATION OF PATCH PLATES ON TOP CHORD



LOCATION OF PATCH PLATES ON BOTTOM CHORD



TOP VIEW DETAIL 'A'



DETAIL 'A' SECTION D-D



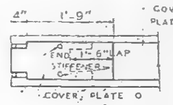
DETAIL 'D' DETAIL 'E'

COVER PLATES 20 GA THICK

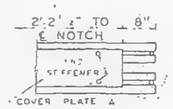


DETAIL 'C'

SECTION E-E



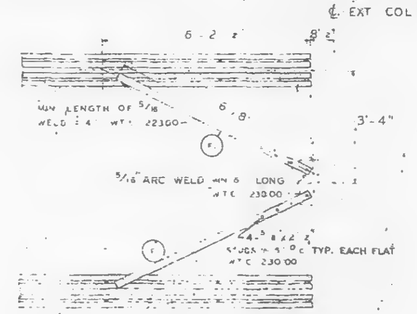
DETAIL 'F'



DETAIL 'G'

NOTE: 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 A=1/4" B=1/4" FILLET.
1" FULL THROAT

FIELD PUNCH COVER PLATES OVER END STIFFENERS WTC 22300

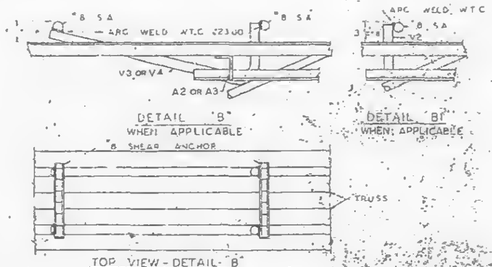


TYPICAL PLAN OF TOP CHORD COLUMN END DIAGONAL TRUSS BRACES PLACED OVER DECK S. WTC 223.00

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	T1M	6	C32TIM - 58'-3"	ST201M
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 9/16"	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 2'-1"	ST303
ANGLE CLIPS	C1	24	2"x1 1/2"x 1/4"x 0'-6"	ST400
3/8 SHEAR ANCHOR	SA2	12	3/8 REBAR x 0'-9"	ST 400
DAMPING SADDLE	DUS-1	2	3 1/2"x3 1/2"x 3/8"x3'-0 7/8"	ST298
	DUS-2	2	3 1/2"x3 1/2"x 3/8"x3'-0 7/8"	ST298
CONNECTION BAR	CB1	8	1"x 11'-3"	ST 400
CONNECTION PLATES	P1	10	3 1/2"x 3/8"x 6 1/2"	ST 400
	P2	8	4 1/2"x .30"x 0'-9"	ST 400
	P3	8	6 1/2"x .30"x 1'-0"	ST 400

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





RECEIVED

NO.	DATE	REVISION	BY

REF DRWG		
7-AB4-3, 3.1 & 39	1-3-68	
7-AB4-15 & 16	5-6-68	
7-AB4-41	1-3-68	
SA-12 4	10-20-67	
7-AB3-2	1-3-68	
7-AB1-2	2-15-68	
7-AB2-6	2-15-68	

SKILLING HELLE CHRISTIANSEN ROBERTSON Structural & Civil Engineers
APPROVED WITH NOTE
10/9/68 SK

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

BLDG. A FLOORS 72-73 (N)
PANEL A1 M 20'-0" x 58'-3"

FABRICATION BY LACLEDE STEEL COMPANY			
FABRICATED AT MADISON, ILLINOIS		DESIGN DRAWING NO 7-AB3-3 4-1-68	PLATE
APPROVED FOR FABRICATION BY FOR P.O.N.Y.A.	DATE	DRAWN BY [illegible] DATE FEB 24, 1968	
APPROVED FOR FABRICATION BY FOR FABRICATOR	DATE	CHECKED BY T. CHUBA DATE OCT. 11, 1968	IN CHARGE OF PROD. DEV.
LACLEDE DETAILED BY A.C. WEBER		FABRICATION CONTR. NO W.T.C. 221	SHEET NO FP A1M