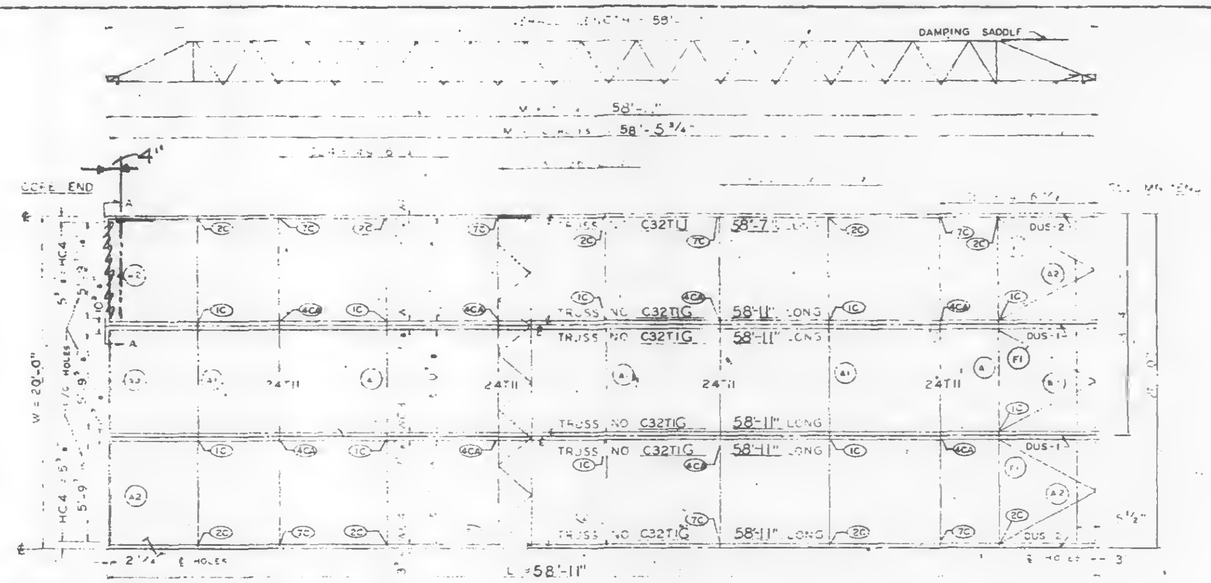
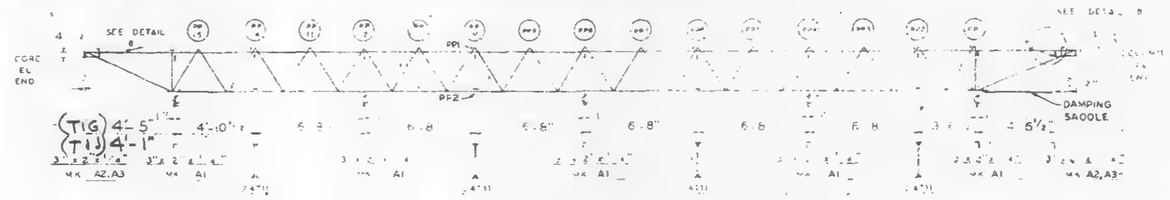
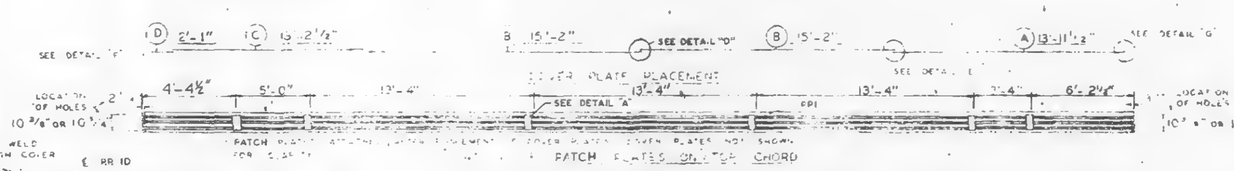
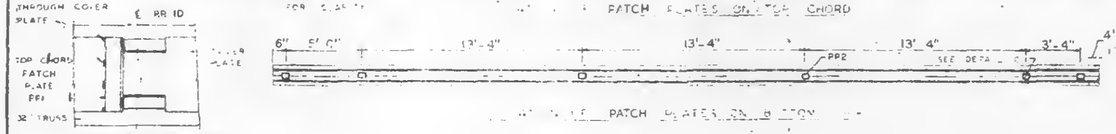


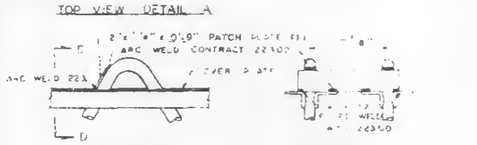
℄ & DIMENSION HC4 ARE RELATED TO HOLES PUT IN BEARING END OF FLOOR TRUSSES WHICH ARE SIMILAR WITH BUT NOT EXACTLY ALIGNED WITH HOLE ℄ ON THE COLUMN CLIPS & BRACES

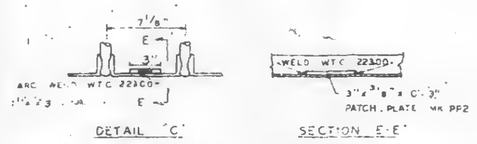
PANEL NO. A1J/G SIZE 20'-0" x 58'-11"



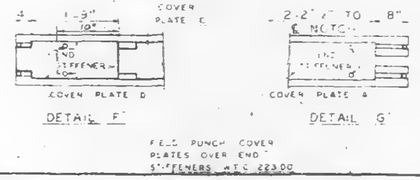


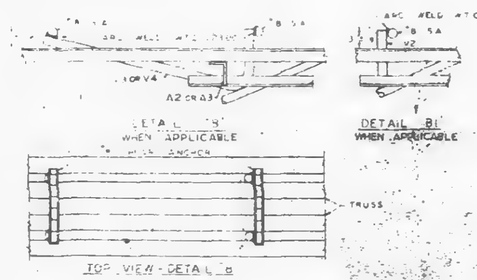


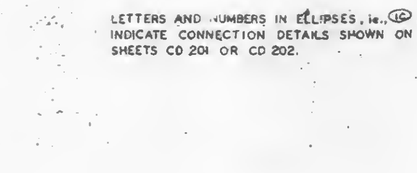


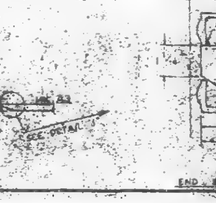


NOTE ALL ARC WELDS TO BE MADE WITH LOW HYDROGEN RODS IN THE E-70 SERIES OR EQUAL.
UNLESS SHOWN OTHERWISE ALL CONNECTION ARC WELDS SHALL BE 1/4" X 1" FULL THROAT FILLET.









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	TIG	6	C32TIG - 58'-11"	ST201G
	TIJ	1	C32TIJ - 58'-7"	ST201J
BRIDGING TRUSSES	TII	4	24TII - 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 3/8" 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"x1/2"x1/4"x0'-6"	ST 400
"B" SHEAR ANCHOR	SA2	12	"B REBAR x 0'-9"	ST 400
DAMPING SADDLE	DUS-1	2	3 1/2"x3 1/2"x 3/8"x3'-6 7/8"	ST298
	DUS-2	2	3 1/2"x3 1/2"x 3/8"x3'-6 7/8"	ST298
CONNECTION BAR	CB1	8	1"B x 1'-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 .38" x 0'-9"	ST 400
	P3	8	4 1/2" x .56" x 1'-0"	ST 400

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

NO.	DATE	REVISION	BY

REF DRWG		
7-A84-3, 3.1 & 39	1-3-68	
7-A84-15 & 16	5-6-68	
7-A84-41	1-3-68	
SA-124	10-20-67	
7-A83-2	1-3-68	
7-A81-2	2-15-68	
7-A82-6	2-15-68	

SKILLING HELLE CHRISTIANSEN ROBERTSON
Structural & Civil Engineers
APPROVED AS NOTED
10/16/68 SR

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

BLDG. A FLOORS 40 (N)

PANEL A1J/G - 20'-0" x 58'-11"

FABRICATION BY: LACLEDE STEEL COMPANY

FABRICATED AT MADISON, ILLINOIS		DESIGN DRAWING - NO. 7-A83-3 4-1-68	PLATE
APPROVED FOR FABRICATION BY: FOR P.O.N.Y.A.	DATE:	DRAWN BY DATE FEB 24, 1968	
APPROVED FOR FABRICATION BY: FOR FABRICATOR	DATE	CHECKED BY T. CHUBA DATE OCT. 11, 1968	IN CHARGE OF PROD. ENG.
DETAILED BY A.C. WEBB	LACLEDE STEEL CO.	FABRICATION CONT. NO WTC 221	SHEET NO FP A1J/G