REQUIRED MATERIAL PER PANEL				REF. DRWG.
MATERIAL	MK	PCS	SIZE	
FLOOR TRUSSES	T11	6	C32T1D - 59'-5"	ST201D
DRAGGING TRUSSES	T11	4	24"D - 19'-11"	ST201
3"x2"x¼" ANGLE	A1	5	3"x2"x¼"x 19'-11"	ST 403
	A2	4	3"x2"x¼"x 4'x5-11 15/16"	ST 403
	A3	2	3"x2"x¼"x 5'-11 3/4"	ST 403
DIAGONAL FLATS	F1	6	1½"x 5/16"x 6'-8"	ST 402
PATCH PLATES	PP1	24	2"x¼"x 0'-8"	ST 400
	PP2	24	3"x⅜"x 0'-3"	ST 400
COVER PLATES	A	4	9"x.0135"x 13'-11½"	ST303
	B	6	8"x.0135"x 15'-2"	ST303
	C	4	9"x.0135"x 13'-2½"	ST303
	D	16	9"x.0135"x 2'-1"	ST303
ANGLE CLIPS	C1	22	2"x1½"x¼"x 0'-6"	ST 400
⅞" SHEAR ANCHOR	SA8	12	⅞" REBAR x 0'-9"	ST 400
DAMPING SADDLE	DUS-1	2	3½"x3½"x⅜"x3'-6 7/8"	ST298
	DUS-2	2	3½"x3½"x⅜"x3'-6 7/8"	ST298
CONNECTION BAR	CB1	8	1"⅜"x 1'-3"	ST 400
CONNECTION PLATES	P1	10	3½" x 3½" x 6½"	ST 400
	P2	8	4½"x .32" x 0'-8"	ST 400
	P3	8	4½"x .32" x 1'-0"	ST 400

OVERALL LENGTH = 59'-5"

DAMPING SADDLE

C to C HOLES = 58'-11 3/4"

CORE END

TRUSS NO C32T1D 59'-5" LONG

TRUSS NO C32T1D 59'-5" LONG

TRUSS NO C32T1D 59'-5" LONG

TRUSS NO C32T1D 59'-5" LONG

TRUSS NO C32T1D 59'-5" LONG

DUS-2

DUS-1

24T11

WC1 WC2 WC3 WC4

5" x 5" HC4

C to C HOLES = 59'-5"

C & D EXTENSION 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 A-D SIZE 20'-0" x 59'-5"

SEE DETAIL 'B'

PP1 PP2

DAMPING SADDLE

1'-1" 4'-10" 6'-8" 6'-8" 6'-8" 6'-8" 6'-6" 6'-8" 6'-8" 3'-6" 4'-6½"

MK A2,A3 MK A1 MK A1 MK A1 MK A1 MK A2,A3

24T11

(D) 2'-1" (C) 13'-2½" (B) 15'-2" (A) 13'-11½"

SEE DETAIL 'F' SEE DETAIL 'D' SEE DETAIL 'G' SEE DETAIL 'E'

COVER PLATE PLACEMENT

LOCATION OF HOLES 2" 6'-6" 3'-4" 13'-4" 13'-4" 13'-4" 3'-4" 6'-2½" LOCATION OF HOLES

10 3/8" OR 10 3/4" SEE DETAIL 'A' PP1 10 3/8" OR 10 3/4"

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

LOCATION OF PATCH PLATES ON TOP CHORD

ARC WELD THROUGH COVER PLATE ℄ RR 10 COVER PLATE TOP CHORD PATCH PLATE PP1 32" TRUSS

TOP VIEW DETAIL 'A'

6" 5'-0" 13'-4" 13'-4" PP2 13'-4" SEE DETAIL 'C' 3'-4" 4½" 1" 11 3/4" OR 1'-0 1/8"

LOCATION OF PATCH PLATES ON BOTTOM CHORD

2'-9" x 4" x 0'-9" PATCH PLATE PP1 ARC WELD CONTRACT 22300 COVER PLATE 7 1/8" ARC WELD 22300 D D

DETAIL 'A'

FILLET WELD WTC 22300

SECTION D-D

COVER PLATE B COVER PLATE B 2" LAP ℄ PP

DETAIL 'B'

COVER PLATE B COVER PLATE 2" LAP

DETAIL 'E'

⅞" SHEAR ANCHOR ARC WELD WTC 22300 V3 OR V4 A2 OR A3

DETAIL 'B' WHEN APPLICABLE

ANGLE SEC 6 WTC 22300

DETAIL 'B' WHEN APPLICABLE

⅞" SHEAR ANCHOR FLOOR

TOP VIEW DETAIL 'B'

7/8" 3" E ARC WELD WTC 22300

DETAIL 'C'

ARC WELD WTC 22300 3" x 3" x ⅜" x 0'-3" PATCH PLATE MK PP2

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 5/16"x 1" FULL THROAT FILLET.

COVER PLATES 20 GA THICK

4" 1'-9" COVER PLATE C END STIFFENER 4" LAP COVER PLATE D

DETAIL 'F'

2'-2" TO 6" NOTCH END STIFFENER WTC 22300 COVER PLATE

DETAIL 'G'

FIELD PUNCH COVER PLATES OVER END STIFFENERS WTC 22300

℄ EXT COL REF LINE

5/16 ARC WELD ALL AROUND LONG

TYP. EACH FLAT

TYPICAL PLAN OF TOP CHORD COLUMN END DIAGONAL BRACES PLACED OVER DECK @ WTC 223.00

STUDS

WTC 214.00

4½"

CLIP ANGLE LOCATION FOR DIAGONAL FLATS 4½" ABOVE COLUMN CLIPS FOR TRUSS BEARING

MK A2 3"x2"x¼" ANGLE MK A3

SECTION A-A END SUPPORT ANGLES

TRUSS 2" FILLET WELD WTC 22300 3" 3"

DETAIL

SUPPORT ANGLE & ATTACHMENT

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

NO.	DATE	REVISION	BY
1	3-27-69	AS NOTED	RAF

REF DRWG

7-AB4-3	10-15-68
7-AB4-5 & 15	7-22-68
7-AB4-41	7-24-68
SA 124	1-5-69
7-AB3-2	7-3-68
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 6 - 82 (1)

PANEL A(1) SIZE 59'-5"

BLDG. B FLOORS B1 - B2 (WEST) (A)

FABRICATION BY LACLEDE STEEL COMPANY

FABRICATED AT MADISON, ILLINOIS

DESIGN DRAWING NO 7-AB3-3 PLATE

APPROVED FOR FABRICATION BY PORT AUTH. OF N.Y. & N.J. DATE 1-17-69

DRAWN BY JWR DATE FEB 24 1968

APPROVED FOR FABRICATION BY FOR FABRICATOR DATE

CHECKED BY T. CHIRA DATE OCT 11 1968

DETAILER

FABRICATION CONT. NO. WTC 822

SHEET