OVERALL LENGTH = 60'

BEARING END

CORE END

COLUMN END

TRUSS NO C32TIE 59'-3" LONG

CLOSURE UNIT (BC)

24T12

W1 20'-0" EACH SIDE

59'-3"

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

PANEL NO C1E SIZE 20'-0" x 59'-3"

SEE DETAIL B1

PP1

PP2

DAMPING SADDLE

4'-9" 6'-8" 6'-8" 5'-8" 6'-8" 6'-8" 6'-8" 3'-6"

MK A2,A3 MK A1 MK A1 MK A1 MK B1 MK A2,A3

24T12

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

SEE DETAIL D SEE DETAIL E

COVER PLATE PLACEMENT

LOCATION OF HOLES ID 2⅜" OR O 3¼"

6'-4½" 3'-4" 13'-4" 13'-4" 13'-4" 3'-4" 6'-2½"

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

SEE DETAIL A

LOCATION OF PATCH PLATES ON TOP CHORD

ARC WELD INSIDE & OUTSIDE COVER PLATE

TOP CHORD PATCH PL SEE PP1

COVER PLATE

6" 5'-6" 13'-4" 13'-4" 13'-4" 3'-4" 1'-0"

PP2

SEE DETAIL C

4½" 1½"

LOCATION OF PATCH PLATES ON BOTTOM CHORD

TOP VIEW DETAIL A

DETAIL D

SECTION D

COVER PLATE B

2" LAP

DETAIL E

DETAIL C

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
FULL THROAT
FILLET

SECTION E-E

PATCH PLATE MK PP2

COVER PLATES 20 GA. THICK

FIELD PUNCH COVER PLATES OVER END STIFFENERS

DETAIL F

2" TO B1 NOTCH

DETAIL G

DETAIL B

TOP VIEW DETAIL B

DETAIL B1 WHEN APPLICABLE

SECTION A-A

END SUPPORT ANGLE ATTACHMENT

DETAIL J

LETTERS AND NUMBERS IN ELLIPSES, ie. (1C), INDICATE CONNECTION DETAILS SHOWN ON SHEET CD 201, CD 202 OR CD 204.

EXT COL REF LINE

MIN LENGTH OF 5/16 FILLET 4 SIDES

5/16 ARC WELD ALL AROUND

4-¾ DIA HOLES TYP. EACH FLAT

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

REQUIRED MATERIAL EA PANEL

MATERIAL	MK	PCS	SIZE	REF DRWG.
CORE TRUSSES				
60 FLOOR TRUSSES	T12	3	24T12	ST 212
	A1	5	3 x 2½ x ¼ x 19'	ST 403
ANGLE	A2	3	4 x 3½ x 5/16 x 5'-8"	ST 403
	A3	1	4 x 3½ x 5/16 x 3'-4"	ST 403
	B1	1	4 x 4 x ½ x 4'-9"	ST 402
PATCH PLATES	PP1	18	¾ x 1'-0" x 1'-3"	ST 400
	PP2	18	¾ x 1'-0" x 3'-6"	ST 400
		3	2'-1"	
CLIP ANGLE	C1	4	4 x 3½ x ½ x 1'-0"	ST 400
SHEAR CONN	SA2	9	4 x 3½ x ½ x 0'-9"	ST 400
DIAPHRAGM		1	6⅞ x ¼ x 6⅞	CD 204
CONNECTION PLATE	CB1	4	½ x 1'-3"	ST 400
CLOSURE UNIT	BC	3	2 3½ x 12 x ½ x 6'-1½"	ST 204
CONNECTION PLATES	P1	5	3½" x 3'-6" x 0'-6½"	ST 400
	P2	4	4½" x .39" x 0'-9"	ST 400
	P3	1	4½" x .39" x 1'-0"	ST 400

NO.	DATE	REVISION	BY
2	6-6-69	AS NOTED	G.Q.C.
1	7-17-68	GENERAL	T.M.C.

2 10-15-68
7-22-68
7-22-68
1-6-69
7-22-68
7-22-68
10-15-68

BLDG A [illegible] 10-11 (NORTH & SOUTH)

FABRICATION BY LACLEDE STEEL CO. ST. LOUIS, MO.
FABRICATED AT MADISON, ILLINOIS
APPROVED FOR FABRICATION James White 11/2/70
APPROVED FOR ERECTION DATE
BY CHIEF FABRICATOR
DESIGN SPAN NO. NO. T-483 PLATE
DRAWN BY DATE APRIL 10, 1968
BY J.R.D.
DATE APRIL 10, 1968
IN CHARGE OF ENGR. DEV.
FABRICATION CONT. NO. 221
SHEET NO. FP C1E