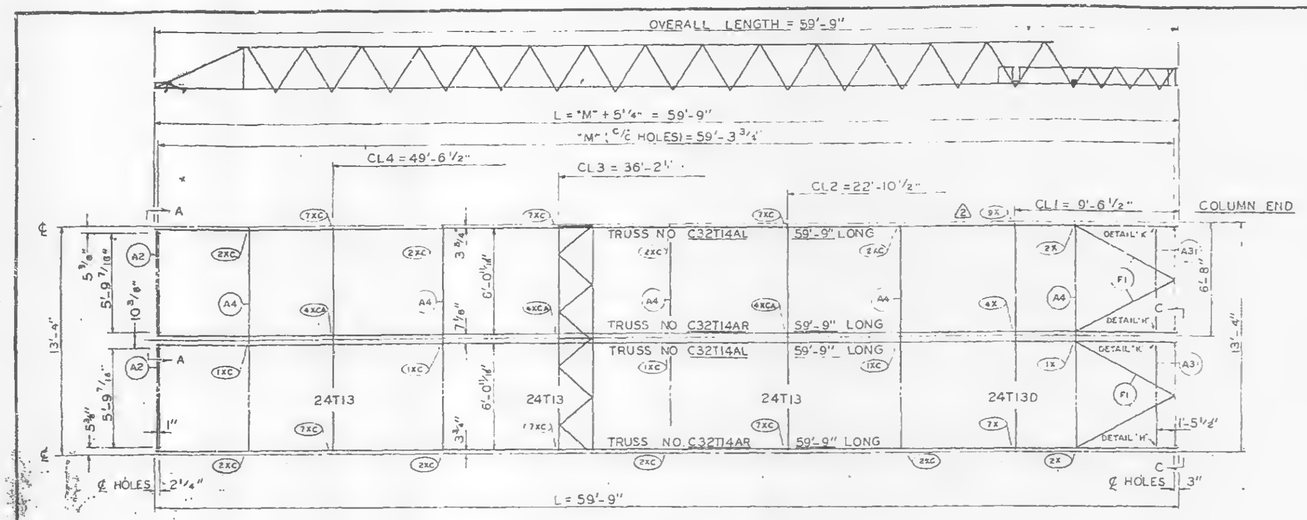
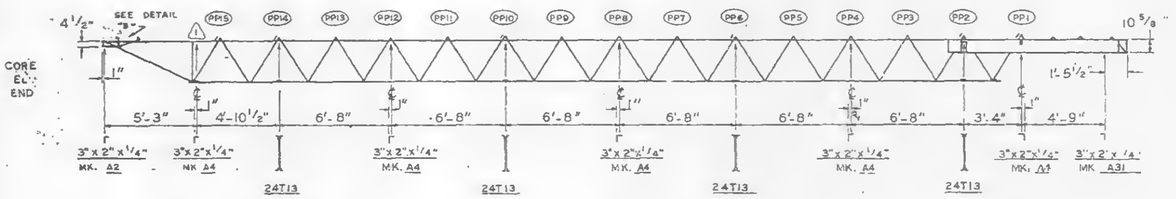



PANEL NO. BR2A SIZE 13'-4" x 59'-9"



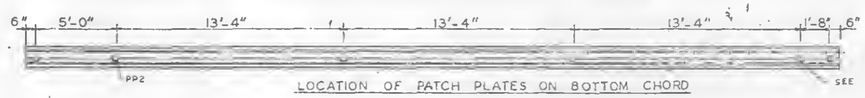




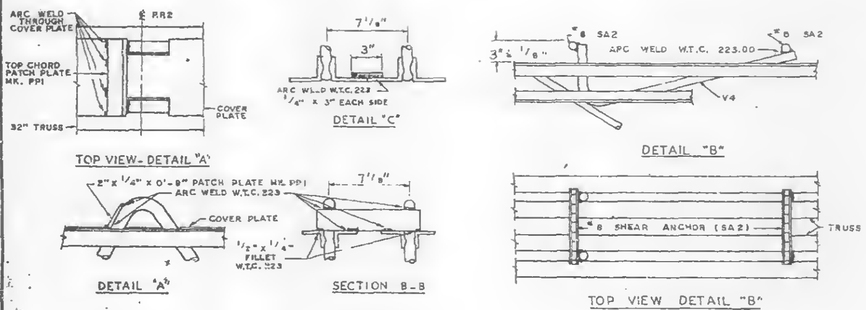
COVER PLATE PLACEMENT

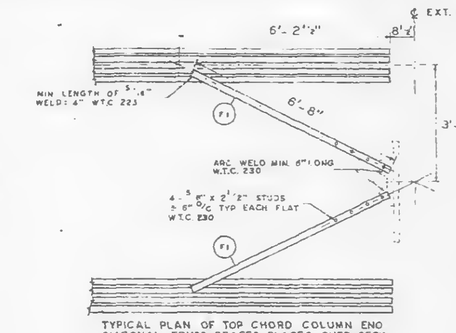



LOCATION OF PATCH PLATES ON TOP CHORD

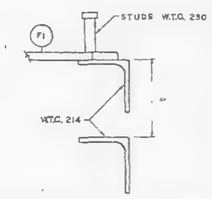



LOCATION OF PATCH PLATES ON BOTTOM CHORD

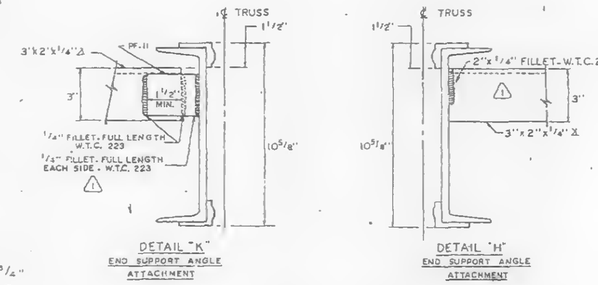



TYPICAL PLAN OF TOP CHORD COLUMN END DIAGONAL TRUSS BRACES PLACED OVER DECK BY W.T.C. 223.



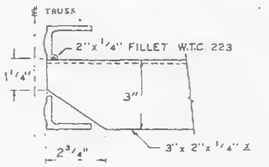

CLIP ANGLE LOCATION FOR DIAGONAL FLATS 4 1/2" ABOVE COLUMN CLIPS FOR TRUSS BEARING.



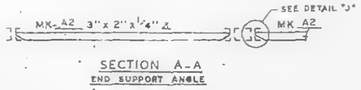




SECTION C-C
END SUPPORT ANGLE




DETAIL "J"
END SUPPORT ANGLE ATTACHMENT




SECTION A-A
END SUPPORT ANGLE

| REQUIRED MATERIAL PER PANEL | | | | REF. |
|---|---|---|---|---|
| MATERIAL | MK. | PCS. | SIZE | DRWG. |
| FLOOR TRUSSES | T14AL | 2 | C32T14AL x 59'-9" | ST 214AL |
| | T14AR | 2 | C32T14AR x 59'-9" | ST 214AL |
| BRIDGING TRUSSES | T13 | | 24T13 x 13'-3" | BT 213 |
| | T130 | 1 | 24T130 x 13'-3" | BT 213D |
| 3"x 2"x 1/4" ANGLE | A2 | 2 | 3"x2"x1'-4"x 5'-11 3/16" | ST 403 |
| | A4 | 5 | 3"x2"x1'-4"x 13'-3" | ST 403 |
| | A31 | 2 | 3"x 2"x 1'-4"x 5'-8 1/16" | ST 410 |
| CLOSURE PLATES | PP-11 | 2 | 3" x 1/4" x 0'-2 3/4" | ST 412 |
| DIAGONAL FLATS | F1 | 4 | 1'-2' x 5/16" x 6'-8" | ST 402 |
| PATCH PLATES | PP1 | 12 | 2" x 1/4" x 0'-9" | ST 400 |
| | PP2 | 12 | 3" x 3/8" x 0'-3" | ST 400 |
| COVER PLATES | B | 4 | 9" x .0135" x 15'-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 |
| | J | 2 | 9" x .0135" x 13'-11 1/2" | ST 304 |
| ANGLE CLIPS | C1 | 16 | 2" x 1 1/2" x .25" x 6" | ST 400 |
| #8 SHEAR ANCHOR | SA2 | 4 | #8 REBAR x 0'-9" | ST 400 |
| CONNECTION BAR | CB1 | 5 | 1" x 1'-3" | ST 400 |
| CONNECTION PLATES | P1 | 4 | 3 1/2" x 3" x 6" x 0'-6 1/2" | ST 400 |
| | P2 | 3 | 4 1/2" x .39" x 0'-9" | ST 400 |
| | P3 | 3 | 4 1/2" x .39" x 1'-0" | ST 400 |
| | P9 | 4 | 3" x 1'-2" x 1'-2" | ST 409 |
| (2) | P10 | 1 | 4 1/2" x .39" x 0'-5" | ST 409 |
| | P11 | 1 | 3" x 1/4" x 0'-6" | ST 409 |

ALL ARC WELDS TO BE MADE WITH LOW HYDROGEN RODS IN THE E-70 SERIES OR EQUAL.
LETTERS AND NUMBERS IN ELLIPSES INDICATE CONNECTION DETAILS. (IX)
ALL CONNECTION DETAILS FOR FLOORS 25, 56 & 92 ARE SHOWN ON SHEETS CO 210 THRU CO 229.
UNLESS OTHERWISE SHOWN, ALL CONNECTION ARC WELDS SHALL BE 1/4" 4" FULL THROAT FILLET.




| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |
| 2 | 5-12-69 | AS NOTED | G.D.C |
| 1 | 2-4-69 | AS NOTED | G.D.C |

| REF DRWG. | |
|---|---|
| 7-A83-27 | 10-4-68 |
| 7-A81-13 | 10-4-68 |
| 7-A32-8 | 7-22-68 |
| 7-A94-28 | 7-22-68 |
| SA-124 | 10-11-68 |
| 7-A83-24 | 8-15-68 |

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

BLDG. A FLOORS 25 (NORTH & SOUTH) 59 (NORTH)

PANEL BR2A-13'-4"x 59'-9" (1)

FABRICATION BY LACLEDE STEEL COMPANY

| | | | |
|---|---|---|---|
| FABRICATED AT MADISON, ILLINOIS | | DESIGN DRAWING NO 7-A83-27 | PLATE |
| APPROVED FOR FABRICATION BY: FOR PONYA | DATE 6/6/69 | DRAWN BY DWP DATE DEC. 5, 1968 | |
| APPROVED FOR FABRICATION BY FOR FABRICATOR | DATE | CHECKED BY T.M. CHURA DATE DEC. 5, 1968 | IN CHARGE OF PROD. DEV. |
| DETAILED BY "A" WEBB | | FABRICATION CONT NO W.T.C. 221 | SHEET NO FD BR2A 1 |