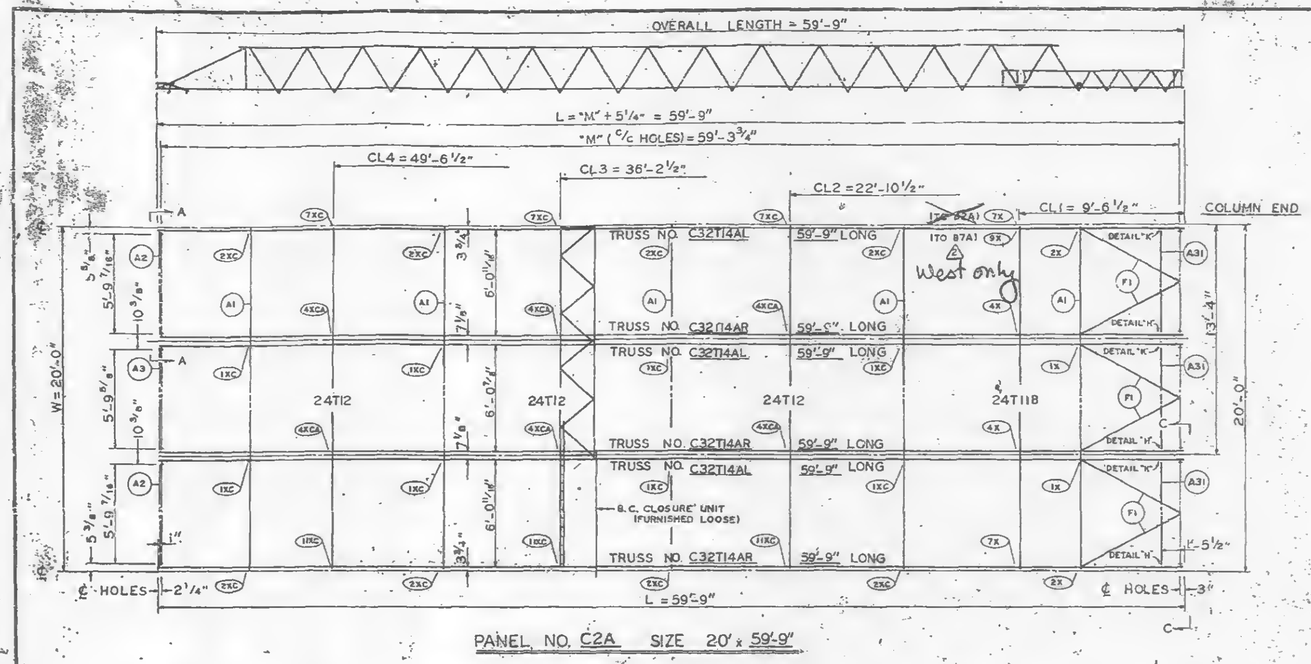
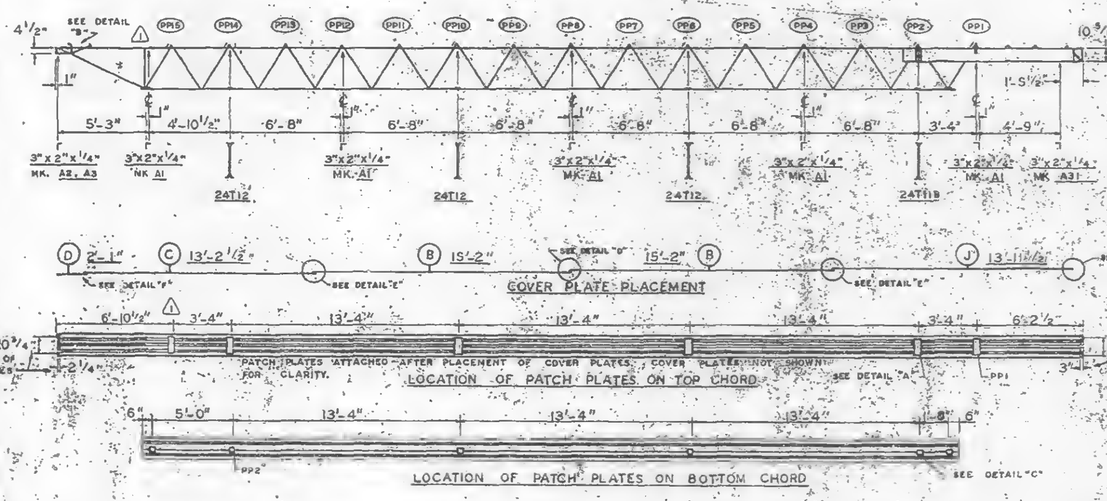
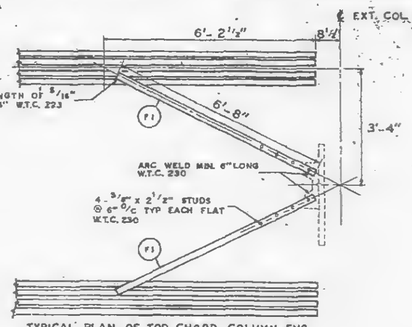
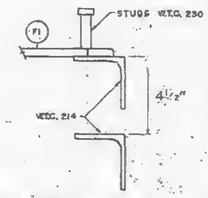



PANEL NO. C2A SIZE 20' x 59'-9"



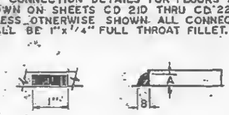

TYPICAL PLAN OF TOP CHORD COLUMN END DIAGONAL TRUSS BRACES PLACED OVER DECK BY W.T.C. 223.

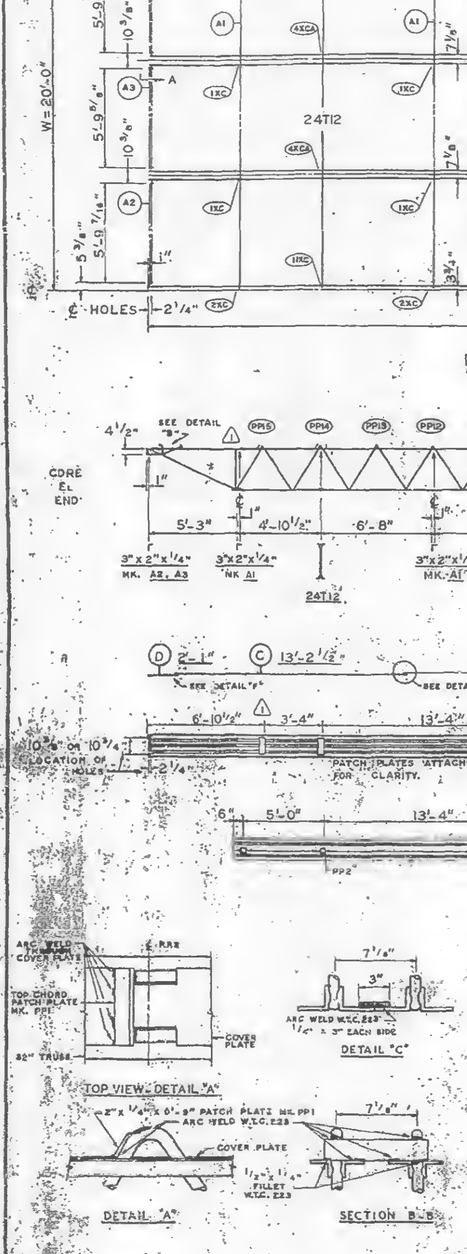


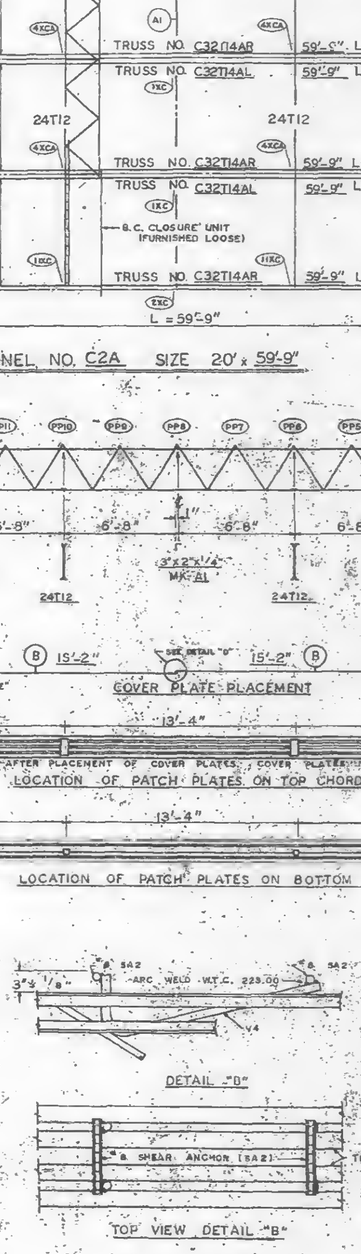

CLIP ANGLE LOCATION FOR DIAGONAL FLATS. 4 1/2" ABOVE COLUMN CLIPS FOR TRUSS BEARING.

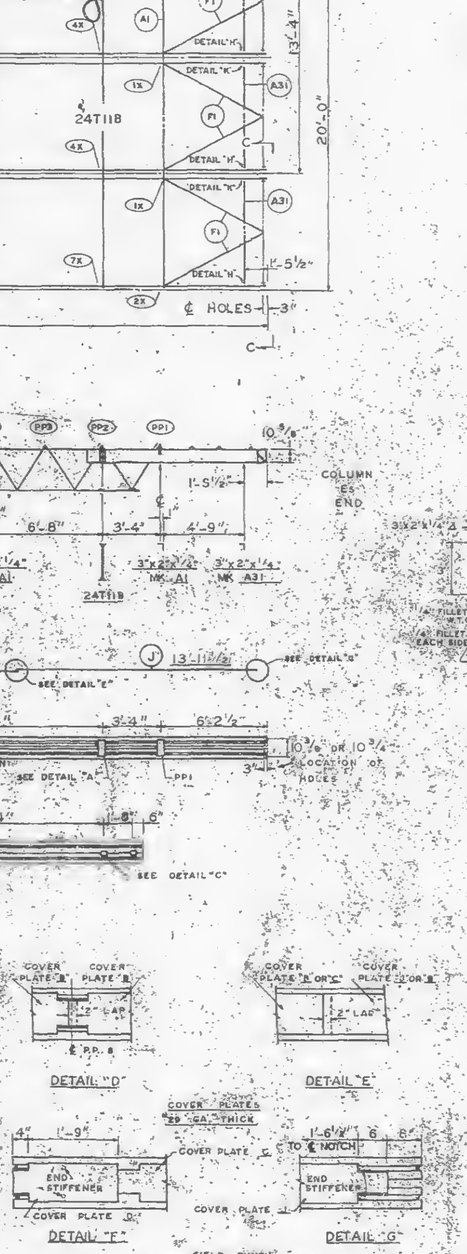
| REQUIRED MATERIAL PER PANEL | | | | REF. |
|---|---|---|---|---|
| MATERIAL | MK. | PCS. | SIZE | ORWG. |
| FLOOR TRUSSES | T14AL | 3 | C32T14AL x 59'-9" | ST 214AL |
| | T14AR | 3 | C32T14AR x 59'-9" | ST 214AL |
| BRIDGING TRUSSES | T11B | 1 | 24T11B x 19'-11" | ST 211B |
| | T12 | 3 | 24T12 x 19'-11" | ST 212 |
| CLOSURE UNIT | BC | 3 | 1 1/2" □ 6'-5 1/2" TUBE | ST 212 |
| 3" x 2" x 1/4" ANGLE | A1 | 5 | 3" x 2" x 1/4" x 19'-11" | ST 403 |
| | A2 | 2 | 3" x 2" x 1/4" x 5'-11 9/16" | ST 403 |
| | A3 | 1 | 3" x 2" x 1/4" x 5'-11 3/4" | ST 403 |
| | A31 | 3 | 3" x 2" x 1/4" x 5'-8 1/2" | ST 410 |
| CLOSURE PLATES | PF11 | 3 | 3" x 1/4" x 0'-2 3/8" | ST 412 |
| DIAGONAL FLATS | F1 | 6 | 1 1/2" x 3/8" x 6'-8" | ST 402 |
| PATCH PLATES | PP1 | 18 | 2" x 1/4" x 0'-9" | ST 400 |
| | PP2 | 18 | 3" x 3/8" x 0'-3" | ST 400 |
| COVER PLATES | B | 6 | 9" x .0135" x 15'-2" | ST 303 |
| | C | 3 | 9" x .0135" x 13'-2 1/2" | ST 303 |
| | O | 3 | 9" x .0135" x 2'-1" | ST 303 |
| | J | 3 | 9" x .0135" x 13'-11 1/2" | ST 306 |
| ANGLE CLIPS | C1 | 21 | 2" x 1 1/4" x .25" x 0'-6" | ST 400 |
| *B SHEAR ANCHOR | SA2 | 6 | *B REBAR x 0'-8" | ST 200 |
| CONNECTION BAR | CB1 | 5 | 1" ß x 1'-3" | ST 500 |
| CONNECTION PLATES | P1 | 4 | 3 1/2" x 3/8" x 0'-6 1/2" | ST 400 |
| | P2 | 4 | 4 1/2" x .39" x 0'-9" | ST 400 |
| | P3 | 1 | 4 1/2" x .39" x 1'-0" | ST 400 |
| | P9 | 6 | 3" x 1/2" x 1'-2" | 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. (1C)
ALL CONNECTION DETAILS FOR FLOORS 25, 59 & 92 ARE SHOWN ON SHEETS CD 21D THRU CD 229.
UNLESS OTHERWISE SHOWN. ALL CONNECTION ARC WELDS SHALL BE 1" x 1/4" FULL THROAT FILLET.



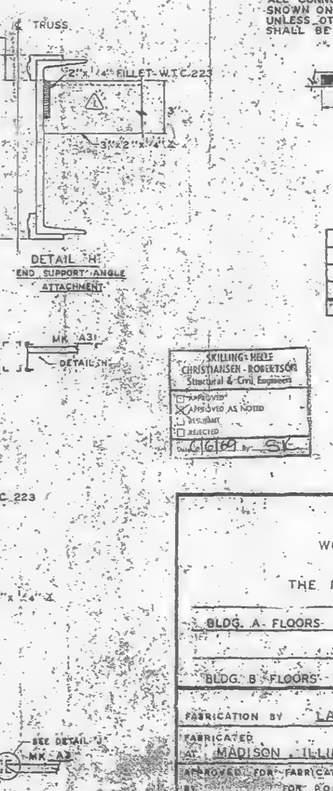













| NO. | DATE | REVISION | BY |
|---|---|---|---|
| 2 | 5-12-69 | AS NOTED | G.D.C. |
| 1 | 2-4-69 | AS NOTED | G.D.C. |

SKILLING HELLE CHRISTIANSEN - ROBERTSON
Structural & Civil Engineers
APPROVED
APPROVED AS NOTED
RESUBMIT
REJECTED
Date 6/6/69 By SK

REF. DRWG.

| | |
|---|---|
| 7-AB3-28 | 10-4-68 |
| 7-AB4-28 | 7-22-68 |
| 7-AB1-13 | 10-4-68 |
| 7-AB2-7 | 7-22-68 |
| 7-AB2-15 | 10-4-68 |

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) 1
PANEL L℄A - 20' x 59'-9"
BLDG. B - FLOORS 25 (EAST & WEST) 59 (WEST) 2

FABRICATION BY LACLEDE STEEL COMPANY

| | | | |
|---|---|---|---|
| FABRICATED AT MADISON, ILLINOIS | | DESIGN DRAWING NO. 7-AB3-28 | PLATE |
| APPROVED FOR FABRICATION BY FOR P.O.N.Y.A. | DATE | DRAWN BY D.J.R. DATE DEC. 5, 1968 | |
| APPROVED FOR FABRICATION BY FOR FABRICATOR | DATE | CHECKED BY T.M.CHILES DATE DEC. 5, 1968 | IN CHARGE OF PROD. DEV. |
| DETAILED BY K.S. | | FABRICATION CONT. NO. W.T.C. 221 | SHEET NO. 1-FD C2A |