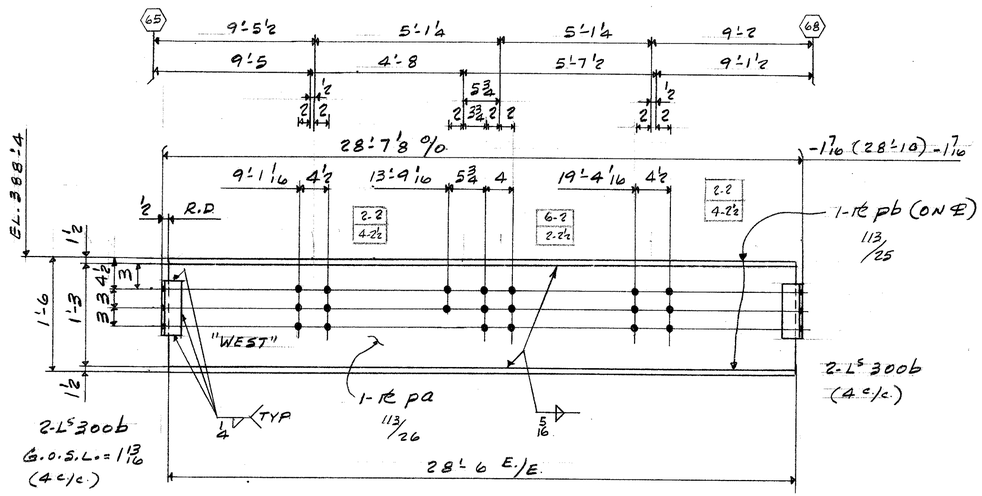
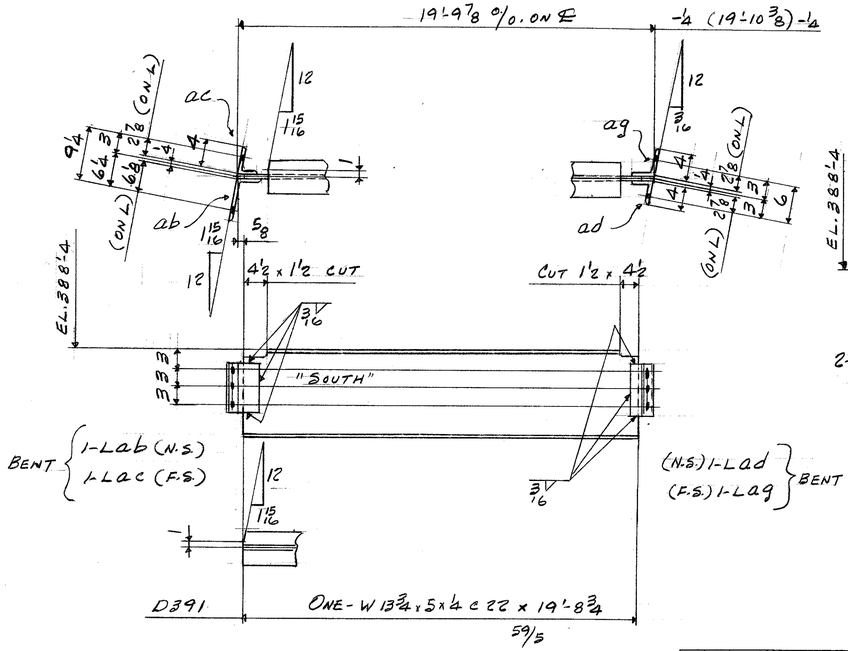
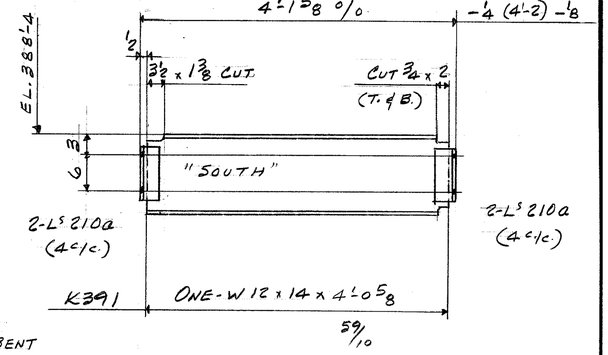
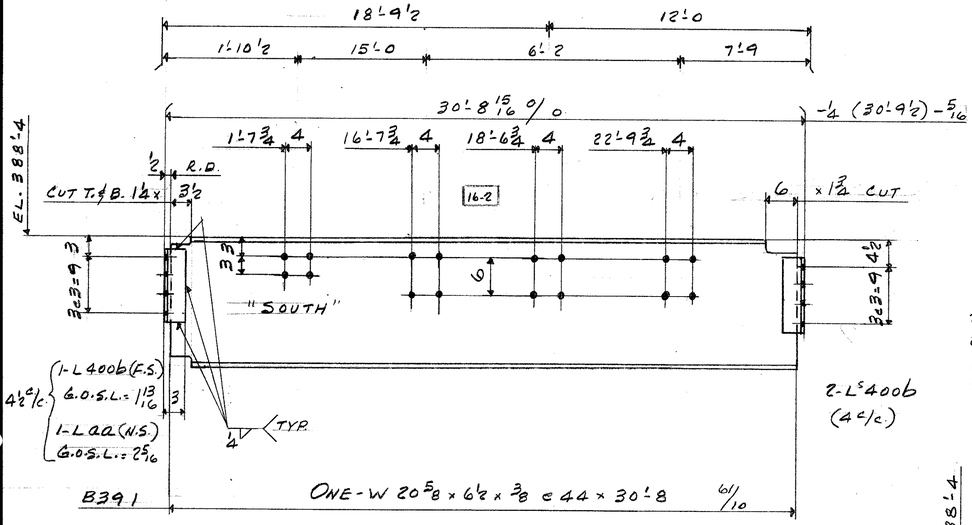
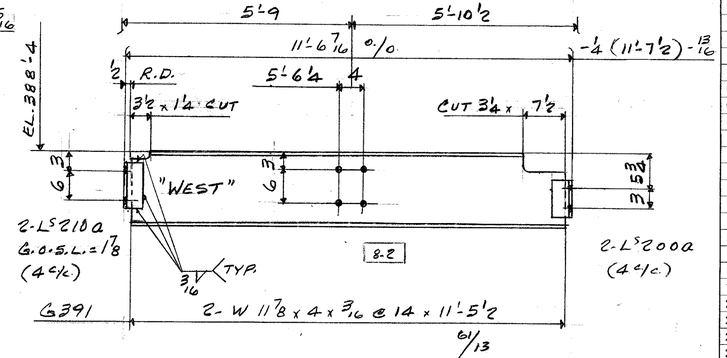


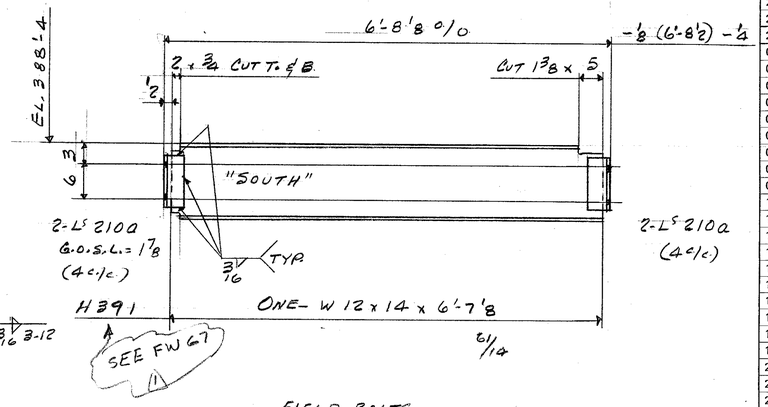

ONE-℄ GIRDER ~ A391 (TYPE MG-28)

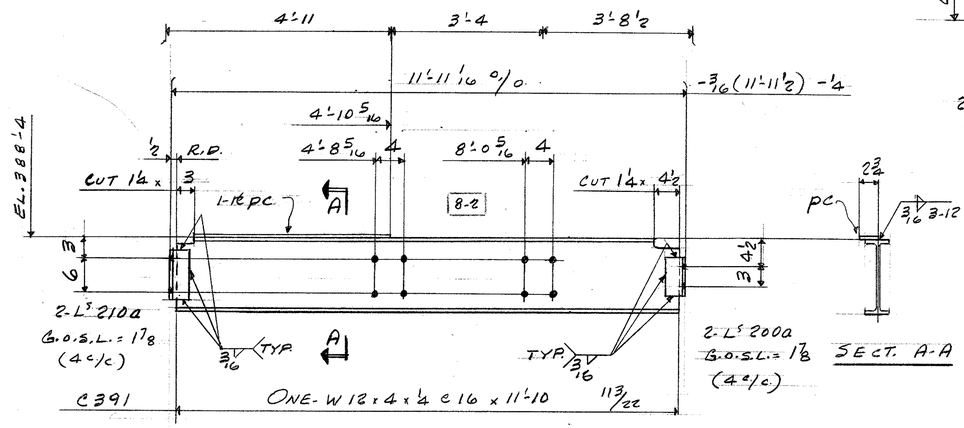



FIELD BOLTS

44-⅞ ϕ A325 x 2
8- 2 x 2½

DET. MAT'L: G40.21-44W

WELD: E70XX

NO PAINT

REF. DIAG. E7

## BILL OF MATERIAL

| LINE | COOSDE | COMMX SHIP DIVN. | PIECE MARKS MAIN MAT'L. | PIECE MARKS DETAIL MAT'L. | NO. OF PIECES | MATERIAL DESCRIPTION PL. | WIDTH Inch | WIDTH 16th | X PLATE ONLY | THK. In. | THK. 16th | GRADE CODE | DOOR | FINISHED LENGTH Feet | FINISHED LENGTH In. | FINISHED LENGTH 16th | PAGE | LINE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | F.001 | | | | | | | | | | | | | | | |
| 02 | | | | PA | 1 | PI | 15 | 0 | x | | 0 | 6 A572 GR50 | | 28 | 6 | 0 | 1 | 13 | 26 |
| 03 | | | | PB | 2 | PI | 7 | 0 | x | | 1 | 8 A572 GR50 | | 28 | 6 | 0 | 1 | 13 | 25 |
| 04 | | | | | | | | | | | | | | | | | | | |
| 05 | | | | 300B | 4 | L | 3x3x5/16 | | | | | 44W | | 0 | 8 | 8 | | | |
| 06 | | | | | 1 | IF | 5/16 | | | | | | | 1 | 4 | 0 | 0 | | |
| 07 | | | | | 1 | IF | 1/4 | | | | | | | | 4 | 6 | 0 | | |
| 08 | | 07.11 | A391 | | 1 | PIECE K GIRDER | | | | | | | | 28 | 7 | 0 | | | x7½ |
| 09 | | | | | | | | | | | | | | | | | | | |
| 10 | | | | F.001 | | | | | | | | | | | | | | | |
| 11 | | | | 400B | 3 | L | 3x3x5/16 | | | | | 44W | | 0 | 11 | 8 | | | |
| 12 | | | | AA | 1 | L | 3½x3x5/16 | | | | | 44W | | 0 | 11 | 8 | | | |
| 13 | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | 1 | IF | 1/4 | | | | | | | | 5 | 6 | 0 | | |
| 15 | | 07.15 | B391 | | 1 | W | 21 | 44 | | | | A572 GR50 | | 30 | 8 | 0 | 6 | 1 | 0 |
| 16 | | | | | | | | | | | | | | | | | | | |
| 17 | | | | F.001 | | | | | | | | | | | | | | | |
| 18 | | | | 200A | 2 | L | 3x3x5/16 | | | | | 44W | | 0 | 5 | 8 | | | |
| 19 | | | | 210A | 2 | L | 3x3x5/16 | | | | | 44W | | 0 | 8 | 8 | | | |
| 20 | | | | PC | 1 | PI | 2 | 12 | x | 0 | 4 | 44W | | 4 | 6 | 12 | | | |
| 21 | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | 1 | IF | 3/16 | | | | | | | | 6 | 0 | 0 | | |
| 23 | | | | | | | | | | | | | | | | | | | |
| 24 | | 07.15 | C391 | | 1 | W | 12 | 16 | | | | A572 GR50 | | 11 | 10 | 0 | 1 | 13 | 22 |
| 25 | | | | | | | | | | | | | | | | | | | |
| 26 | | | TOTAL | | | | | | TOTAL | | | | | | | | | | 1 OF 2 |
| 01 | | | | F.001 | | | | | | | | | | | | | | | |
| 02 | | | | AB | 1 | L | 8x4x1/2 | | | | | 44W | | 0 | 8 | 8 | | | BENT |
| 03 | | | | AC | 1 | L | 4x3½x5/16 | | | | | | | 0 | 8 | 8 | | | |
| 04 | | | | AD | 1 | L | 4x3½x5/16 | | | | | | | 0 | 8 | 8 | | | |
| 05 | | | | AG | 1 | L | 4x3½x5/16 | | | | | ↓ | | 0 | 8 | 8 | | | ↓ |
| 06 | | | | | | | | | | | | | | | | | | | |
| 07 | | | | | 1 | IF | 3/16 | | | | | | | | 5 | 0 | 0 | | |
| 08 | | 07.16 | D391 | | 1 | W | 14 | 22 | | | | A572 GR50 | | 19 | 8 | 12 | 5 | A | 5 |
| 09 | | | | F.002 | | | | | | | | | | | | | | | |
| 10 | | | | 210A | 4 | L | 3x3x5/16 | | | | | 44W | | 0 | 8 | 8 | | | |
| 11 | | | | 200A | 4 | L | 3x3x5/16 | | | | | 44W | | 0 | 5 | 8 | | | |
| 12 | | | | | 1 | IF | 3/16 | | | | | | | | 7 | 0 | 0 | | |
| 13 | | 07.16 | G391 | | 2 | W | 12 | 14 | | | | A572 GR50 | | 11 | 5 | 8 | 6 | 1 | 13 |
| 14 | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | |
| 16 | | | | F.001 | | | | | | | | | | | | | | | |
| 17 | | | | 210A | 4 | L | 3x3x5/16 | | | | | 44W | | 0 | 8 | 8 | | | |
| 18 | | | | | 1 | IF | 3/16 | | | | | | | | 4 | 6 | 0 | | |
| 19 | | 07.16 | H391 | | 1 | W | 12 | 14 | | | | A572 GR50 | | 6 | 7 | 2 | 6 | 1 | 14 |
| 20 | | | | | | | | | | | | | | | | | | | |
| 21 | | | | F.001 | | | | | | | | | | | | | | | |
| 22 | | | | 210A | 4 | L | 3x3x5/16 | | | | | 44W | | 0 | 8 | 8 | | | |
| 23 | | | | | 1 | IF | 3/16 | | | | | | | | 4 | 6 | 0 | | |
| 24 | | 07.15 | K391 | | 1 | W | 12 | 14 | | | | A572 GR50 | | 4 | 0 | 10 | 5 | 9 | 10 |
| 25 | | | | | | | | | | | | | | | | | | | |
| 26 | | | TOTAL | | 60 | | | | TOTAL | | | | | 318 | | | | | 2 OF 2 |

mon 28/8/85

| REV. | | | | |
|---|---|---|---|---|
| 1 | DATE May 13 '85 | BY J.F. | SPEC. A572 GR50 | |
| 2 | DATE | BY | HOLES 15/16 ϕ | |
| 3 | DATE | BY | FINISH | |

**FRANKEL STEEL LIMITED**
220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2

| MADE 27 | DATE FEB/85 | SQUAD | PROJECT: 7 WORLD TRADE CENTER | CONTRACT | DWG.No. |
|---|---|---|---|---|---|
| CHK'D. 28 ACS | DATE MAR 85 | F.R. | DETAIL: 7TH. FLOOR BM. | 84-15 | 391 ✓ |