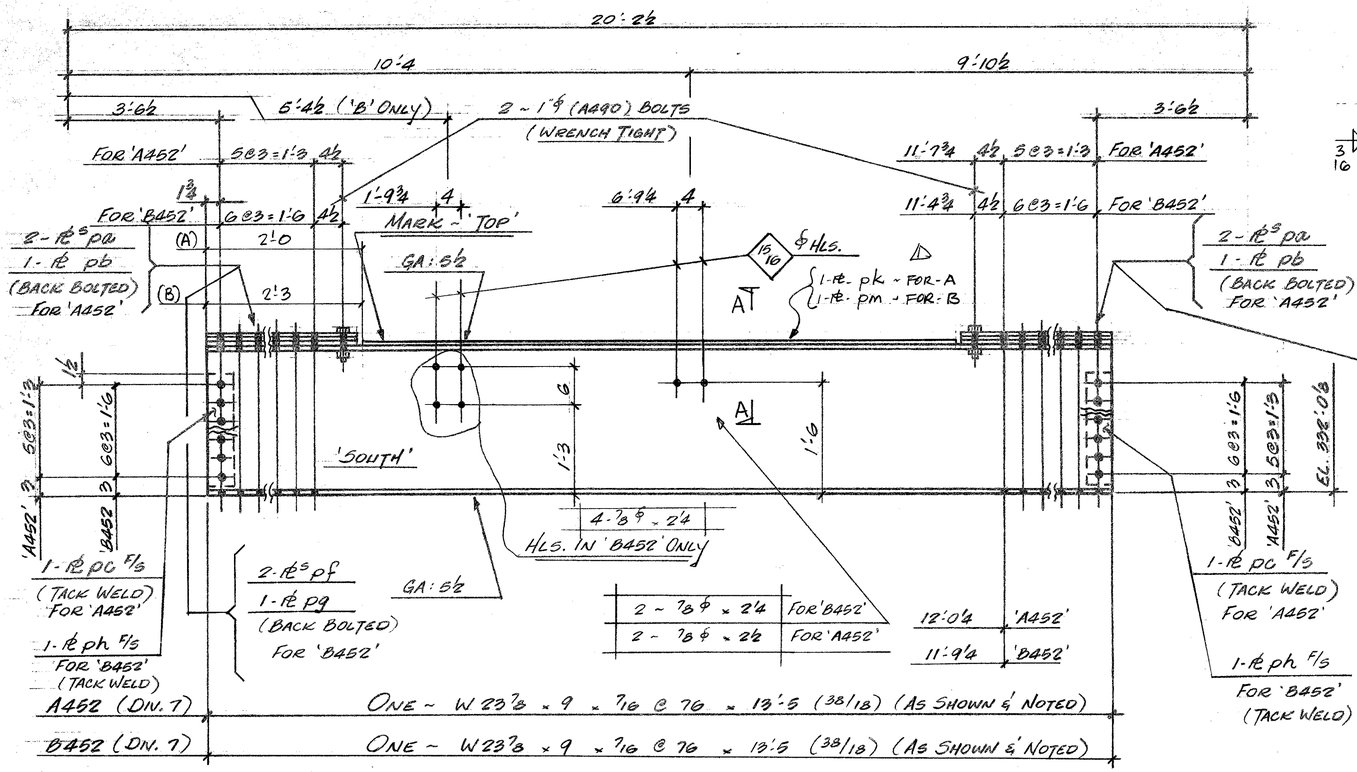
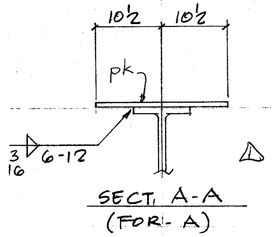
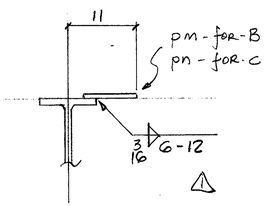
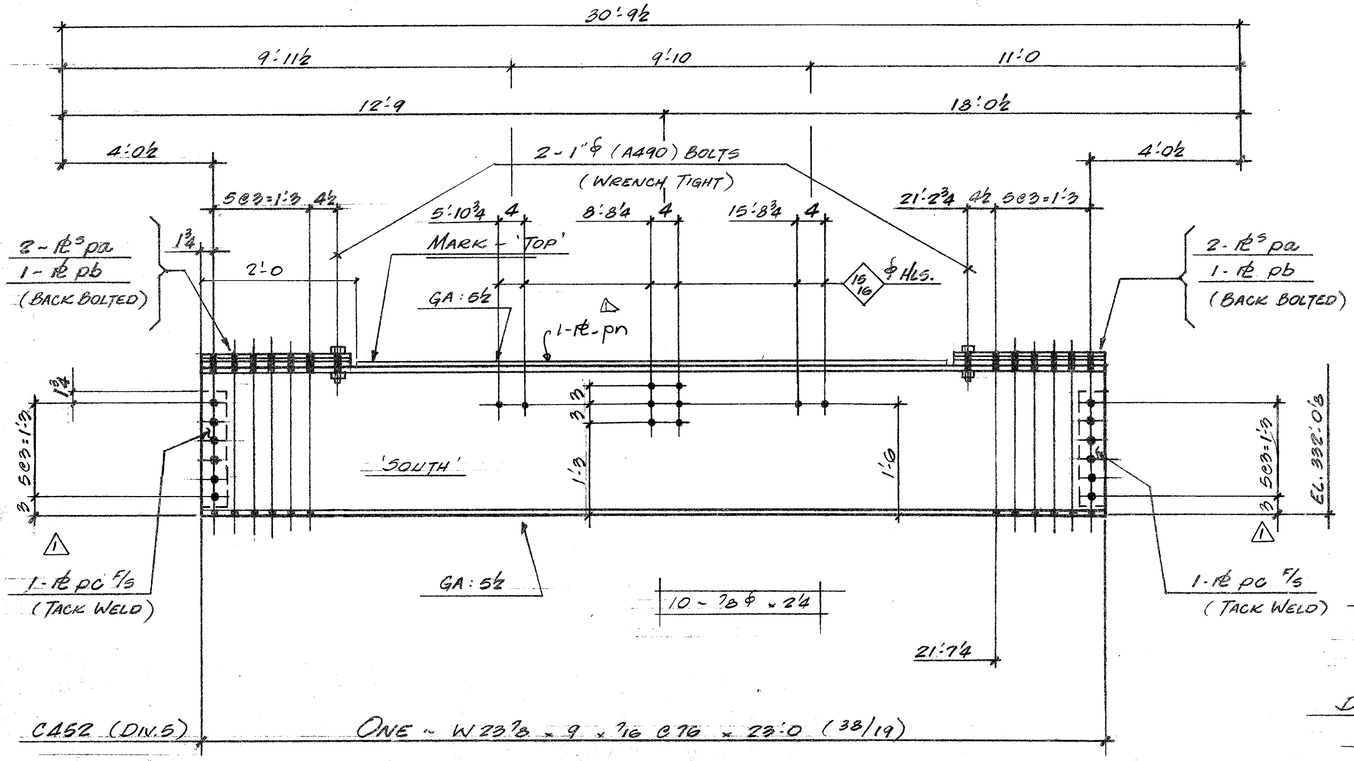



FIELD BOLTS

16 - ⅞ ϕ A325 - 2¼

2 - ⅞ ϕ A325 - 2½

DET'L MAT'L - G40.21.44W

WELD - E70XX

PAINT - NONE

REF. DIAG.S E5 & E121

## BILL OF MATERIAL

| LINE | CODE | COMM'L SHIP DIVN. | PIECE MARKS MAIN MAT'L. | PIECE MARKS DETAIL MAT'L. | NO. OF PIECES | MATERIAL DESCRIPTION | WIDTH Inch | WIDTH 16th | X PLATE ONLY: THK In. | THK 16th | GRADE CODE | DSGR | FINISHED LENGTH Feet | FINISHED LENGTH In. | FINISHED LENGTH 16th | PAGE | LINE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | F001 | | | | | | | | | | | | | | |
| 02 | | | | | | | | | | | | | | | | | | |
| 03 | | | | PA | 4 | PL | 10 | 0 | - | | 2 | | | 11 | 0 | | | |
| 04 | | | | PB | 2 | PL | 10 | 0 | - | | 6 | | | 11 | 0 | | | |
| 05 | | | | PC | 2 | PL | 3 | 8 | x | | 4 | | | 1 | 6 | 0 | | |
| 06 | | | | PK | 1 | PL | 21 | 0 | x | | 4 | 44W | | 9 | 5 | 0 | | |
| 07 | | | | | 4 | HT | BOLT 1x3. | | | | | | | | | | | |
| 08 | | | | | 4 | HT | WASHER! | | | | | | | | | | | |
| 09 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | 1 | IF | 3/16 | | | | | | | | 15 | 0 | | |
| 11 | | | | | | | | | | | | | | | | | | |
| 12 | | | 0001 | A452 | 1 | | W 24 x 76 | | | | | A36 | | 13 | 5 | 0 | 38 | 18 |
| 13 | | | | | | | | | | | | | | | | | | |
| 14 | | | | F001 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | |
| 16 | | | | PF | 4 | PL | 10 | 0 | x | | 2 | 44W | | 2 | 2 | 0 | | |
| 17 | | | | PG | 2 | PL | 10 | 0 | x | | 6 | | | 2 | 2 | 0 | | |
| 18 | | | | PH | 2 | PL | 3 | 8 | x | | 4 | | | 1 | 9 | 0 | | |
| 19 | | | | PN | 1 | PL | 8 | 8 | x | | 4 | 44W | | 8 | 11 | 0 | | |
| 20 | | | | | 4 | HT | BOLT 1x3. | | | | | 490 | | | | | | |
| 21 | | | | | 4 | HT | WASHER! | | | | | 325 | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | |
| 23 | | | | | 1 | IF | 3/16 | | | | | | | | 22 | 0 | | |
| 24 | | | | | | | | | | | | | | | | | | |
| 25 | | | 0001 | B452 | 1 | | W 24 x 76 | | | | | A36 | | 13 | 5 | 0 | 38 | 18 |
| 26 | | | TOTAL | | | | | | | | TOTAL | | | | | | | 1 OF 2 |
| 01 | | | | F001 | | | | | | | | | | | | | | |
| 02 | | | | | | | | | | | | | | | | | | |
| 03 | | | | PA | 4 | PL | 10 | 0 | x | | 2 | 44W | | 1 | 11 | | | |
| 04 | | | | PB | 2 | PL | 10 | 0 | x | | 6 | | | 1 | 11 | | | |
| 05 | | | | PC | 2 | PL | 3 | 8 | x | | 4 | | | 1 | 6 | 0 | | |
| 06 | | | | PN | 1 | PL | 8 | 8 | x | | 4 | 44W | | 1 | 9 | 0 | | |
| 07 | | | | | 4 | HT | BOLT 1x3 | | | | | 490 | | | | | | |
| 08 | | | | | 4 | HT | WASHER! | | | | | 325 | | | | | | |
| 09 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | 1 | IF | 3/16 | | | | | | | | 19 | 0 | | |
| 11 | | | | | | | | | | | | | | | | | | |
| 12 | | | 0002 | C452 | 1 | | W 24 x 76 | | | | | A36 | | 23 | 0 | 0 | 38 | 19 |
| 13 | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | |
| 26 | | | TOTAL | | 60 | | | | | | TOTAL | | 152 | | | | | 2 OF 2 |

MARCH 7/85
FEB 26/85

| REV. | DATE | BY | |
|---|---|---|---|
| 1 | 2 MAR '85 | PBB | SPEC. A36 W/N |
| 2 | DATE | BY | HOLES 1/16 ϕ W/N |
| 3 | DATE | BY | FINISH |

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

| MADE 27 | DATE | SQUAD |
|---|---|---|
| MH | FEB '85 | FR. |
| CHK'D. 28 | DATE | |
| AS. | FEB 85 | |

PROJECT: 7 WORLD TRADE CENTRE
DETAIL: WIND GIRDERS @ 5TH FLOOR
CONTRACT 82-13
DWG.No. 452