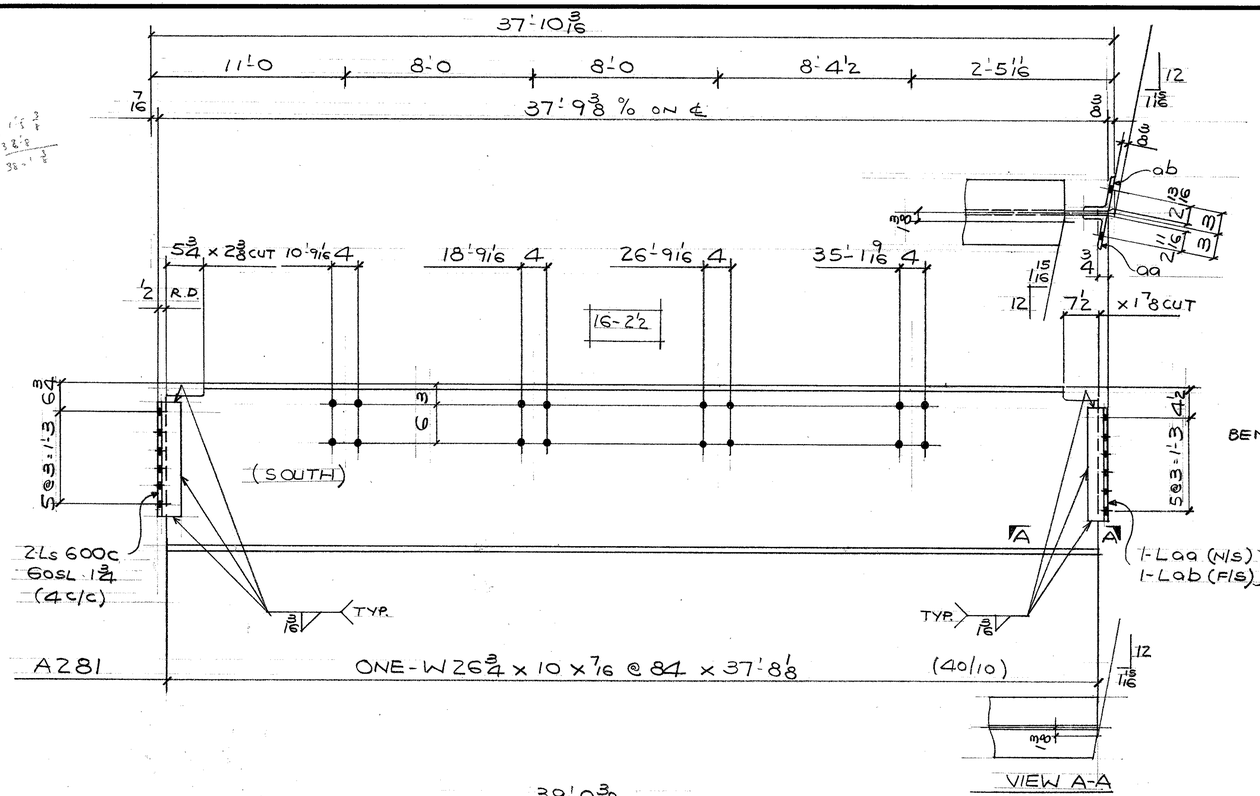
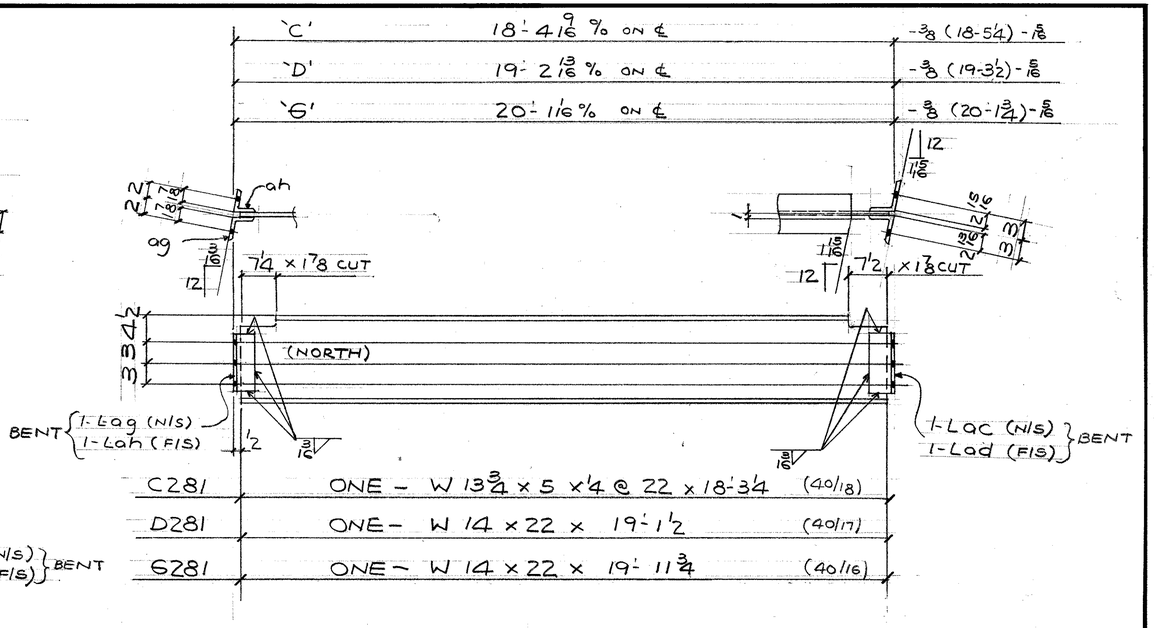



## BILL OF MATERIAL

| LINE | CCOSDTE | COMMX SHIP DIVN. | PIECE MARKS MAIN MAT'L. | PIECE MARKS DETAIL MAT'L. | NO. OF PIECES | MATERIAL DESCRIPTION | GRADE CODE | DSOR | FINISHED LENGTH Feet | FINISHED LENGTH In. 16th | PAGE | LINE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | FOO1 | | | | | | | | | |
| 02 | | | | | | | | | | | | | |
| 03 | | | | 600C | 2 | L 3 x 3 x 5/16 | 44W | | 1 | 5 8 | | | |
| 04 | | | | AA | 1 | L 4 x 3 x 3/8 | ⊥ | | 1 | 5 8 | | | BENT |
| 05 | | | | AB | 1 | L 4 x 3 x 3/8 | ⊥ | | 1 | 5 8 | | | L |
| 06 | | | | | | | | | | | | | |
| 07 | | | | | 1 | IF 3/16 | | | 7 | 6 0 | | | |
| 08 | | | | | | | | | | | | | |
| 09 | 0025 | A281 | | | 1 | W 27 x 84 | A572-GR50 | | 37 | 8 2 | 40 | 10 | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | FOO1 | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | 600C | 2 | L 3 x 3 x 5/16 | 44W | | 1 | 5 8 | | | |
| 14 | | | | AA | 1 | L 4 x 3 x 3/8 | ⊥ | | 1 | 5 8 | | | BENT |
| 15 | | | | AB | 1 | L 4 x 3 x 3/8 | ⊥ | | 1 | 5 8 | | | L |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | 1 | IF 3/16 | | | 7 | 6 0 | | | |
| 18 | | | | | | | | | | | | | |
| 19 | 0025 | B281 | | | 1 | W 27 x 94 | A572 GR 50 | | 37 | 9 4 | 40 | 9 | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | FOO1 | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | AC | 1 | L 4 x 3 x 3/8 | 44W | | 0 | 8 8 | | | BENT |
| 24 | | | | AD | 1 | L 4 x 3 x 3/8 | ⊥ | | 0 | 8 8 | | | L |
| 25 | | | | AG | 1 | L 3 x 3 x 3/8 | ⊥ | | 0 | 8 8 | | | |
| 26 | | | TOTAL | | | TOTAL | | | | | | | 1 OF 2 |
| 01 | | | | AH | 1 | L 3 x 3 x 3/8 | 44W | | 0 | 8 8 | | | BENT |
| 02 | | | | | 1 | IF 3/16 | | | 4 | 6 0 | | | |
| 03 | 0024 | C281 | | | 1 | W 14 x 22 | A572-GR50 | | 18 | 3 4 | 40 | 18 | |
| 04 | | | | | | | | | | | | | |
| 05 | | | | FOO1 | | | | | | | | | |
| 06 | | | | AC | 1 | L 4 x 3 x 3/8 | 44W | | 0 | 8 8 | | | BENT |
| 07 | | | | AD | 1 | L 4 x 3 x 3/8 | ⊥ | | 0 | 8 8 | | | L |
| 08 | | | | AG | 1 | L 3 x 3 x 3/8 | ⊥ | | 0 | 8 8 | | | |
| 09 | | | | AH | 1 | L 3 x 3 x 3/8 | ⊥ | | 0 | 8 8 | | | |
| 10 | | | | | 1 | IF 3/16 | | | 4 | 6 0 | | | |
| 11 | 0024 | D281 | | | 1 | W 14 x 22 | A572-GR50 | | 19 | 1 0 | 40 | 17 | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | FOO1 | | | | | | | | | |
| 15 | | | | AC | 1 | L 4 x 3 x 3/8 | 44W | | 0 | 8 8 | | | BENT |
| 16 | | | | AD | 1 | L 4 x 3 x 3/8 | ⊥ | | 0 | 8 8 | | | L |
| 17 | | | | AG | 1 | L 3 x 3 x 3/8 | ⊥ | | 0 | 8 8 | | | |
| 18 | | | | AH | 1 | L 3 x 3 x 3/8 | ⊥ | | 0 | 8 8 | | | |
| 19 | | | | | 1 | IF 3/16 | | | 4 | 6 0 | | | |
| 20 | 0024 | G281 | | | 1 | W 14 x 22 | A572-GR50 | | 19 | 11 12 | 40 | 16 | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | Feb/15/85 |
| 26 | | | TOTAL | | 35 | TOTAL | | | 162 | | | | 2 OF 2 |

FIELD BOLTS
32-7/8" (A325) x 2 1/2
DET. MAT'L. G40.21-44W
NO PAINT
WELD E70 XX
REF. DIAG. E5

| REV. | | | |
|---|---|---|---|
| 1 | DATE | | BY |
| 2 | DATE | | BY |
| 3 | DATE | | BY |

SPEC. A572-GR50 U/N
HOLES 13/16 ø U/N
FINISH

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

| MADE 27 | CHK'D. 28 | DATE | SQUAD |
|---|---|---|---|
| ATB | WD | DEC. 84 / FEB-85 | FR. |

PROJECT: 7 WORLD TRADE CENTER
DETAIL: BEAMS @ 5TH FLOOR
CONTRACT 84-15
DWG.No. 281