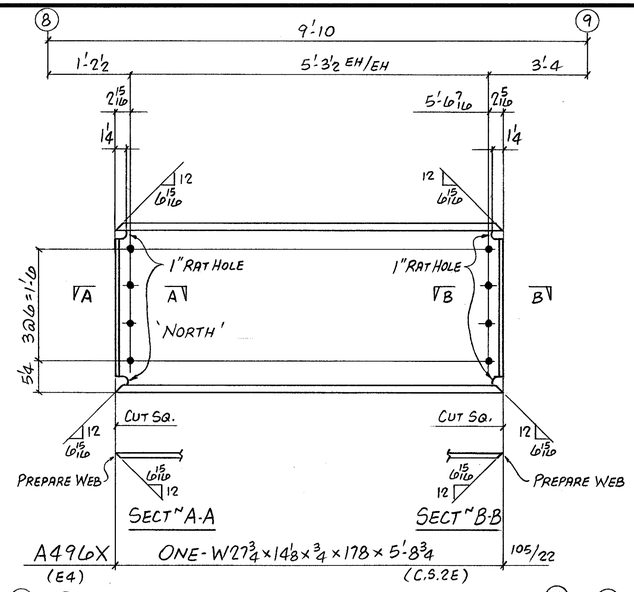
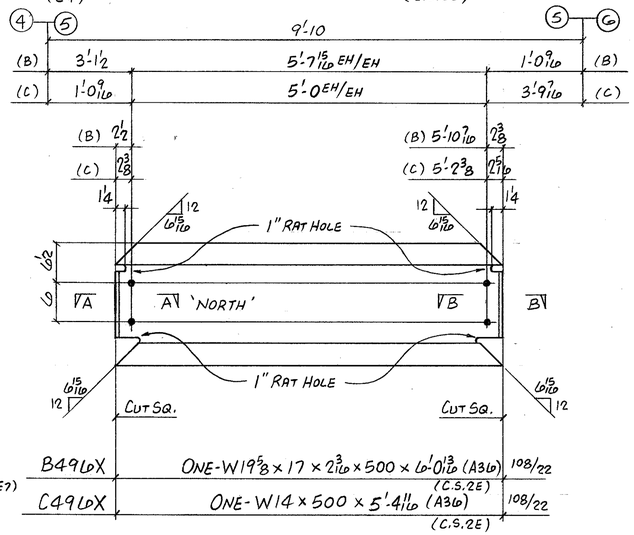
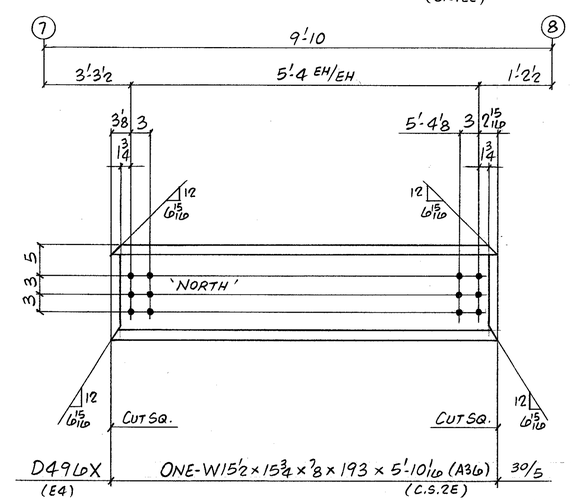
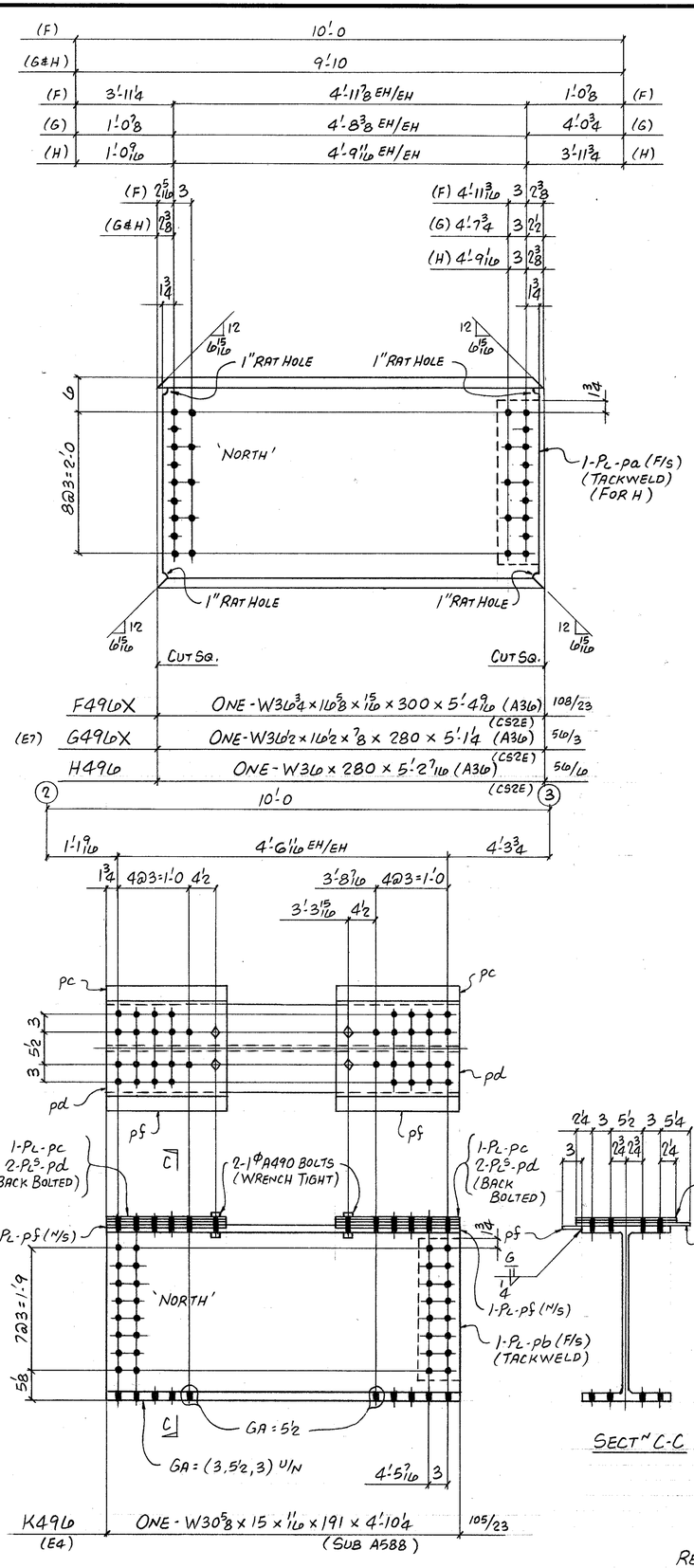



DETAIL MAT'L
G40.21 44W

WELD - E70XX

NO PAINT

REF. DIAG. E4, E7, E20

## BILL OF MATERIAL

| LINE | COST | COMM'X 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 | | | MARK | | | | | | | | | | | | | | | | |
| 02 | | | | | | | | | | | | | | | | | | | |
| 03 | | 0044 | A496X | | 1 | | | | W27 x 178 | | | A572 GR50 | | 5 | 8 | 12 | 105 | 22 | PREP. 2E, CS2E |
| 04 | | | | | | | | | | | | | | | | | | | |
| 05 | | | | | | | | | | | | | | | | | | | |
| 06 | | | MARK | | | | | | | | | | | | | | | | |
| 07 | | | | | | | | | | | | | | | | | | | |
| 08 | | 0717 | B496X | | 1 | | | | W14 x 500 | | | A36 | | 6 | 0 | 13 | 108 | 22 | PREP. 2E, CS2E |
| 09 | | 0717 | C496X | | 1 | | | | W14 x 500 | | | A36 | | 5 | 4 | 11 | 108 | 22 | PREP. 2E, CS2E |
| 10 | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | |
| 12 | | | MARK | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | |
| 14 | | 0045 | D496X | | 1 | | | | W14 x 193 | | | A36 | | 5 | 10 | 1 | 30 | 5 | PREP. 2E, CS2E |
| 15 | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | |
| 20 | | | MARK | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | |
| 22 | | 0717 | F496X | | 1 | | | | W36 x 300 | | | A36 | | 5 | 4 | 9 | 108 | 23 | PREP. 2E, CS2E |
| 23 | | 0717 | G496X | | 1 | | | | W36 x 280 | | | A36 | | 5 | 1 | 4 | 56 | 3 | 1 1 |
| 24 | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | |
| 26 | | TOTAL | | | | TOTAL | | | | | | | | | | | | | 1 OF 2 |
| 01 | | | | | | | | | | | | | | | | | | | |
| 02 | | | | | | | | | | | | | | | | | | | |
| 03 | | | | | F001 | | | | | | | | | | | | | | |
| 04 | | | | | | | | | | | | | | | | | | | |
| 05 | | | | PB | 1 | P | 1 | 6 | B x | 0 | 3 | 44W | | 2 | 0 | 8 | | | |
| 06 | | | | PC | 2 | P | 1 | 19 | 0 x | 0 | 6 | | | 1 | 8 | 0 | | | |
| 07 | | | | PD | 4 | P | 1 | 10 | 0 x | 0 | 2 | | | 1 | 8 | 0 | | | |
| 08 | | | | PF | 2 | P | 1 | 3 | 0 x | 0 | 4 | | | 1 | 8 | 0 | | | |
| 09 | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | 1 | F | | 14 | | | | | | 3 | 4 | 0 | | | |
| 11 | | | | | 1 | PL | | 14 | | | | | | 3 | 4 | 0 | | | |
| 12 | | | | | 4 | HT BOLTS 1Φ x 3½ | | | | | | 490 | | | | | | | |
| 13 | | | | | 4 | HT WASHERS 1Φ | | | | | | 325 | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | |
| 16 | | 0045 | K496 | | 1 | | | | W30 x 191 | | | A588 | | 4 | 10 | 4 | 105 | 23 | |
| 17 | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | F001 | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | |
| 21 | | | | PA | 1 | P | 1 | 6 | B x | 0 | 3 | 44W | | 2 | 3 | 8 | | | |
| 22 | | | | | | | | | | | | | | | | | | | |
| 23 | | 0717 | H496 | | 1 | | | | W36 x 280 | | | A36 | | 5 | 2 | 7 | 56 | 6 | PREP. 2E, CS2E |
| 24 | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | |
| 26 | | TOTAL | | | 30 | TOTAL | | | | | | | | 53 | | | | | 2 OF 2 |

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

SPEC. A572 GR50 U/N
HOLES 1 1/16Φ
FINISH

MADE 27 BJB DATE FEB 85 SQUAD FR
CHK'D. 28 WAD DATE APR/85

PROJECT: 7 WORLD TRADE CENTRE
DETAIL: WEST ELEVATION WIND GIRDERS

CONTRACT 84-15
DWG.No. 496

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