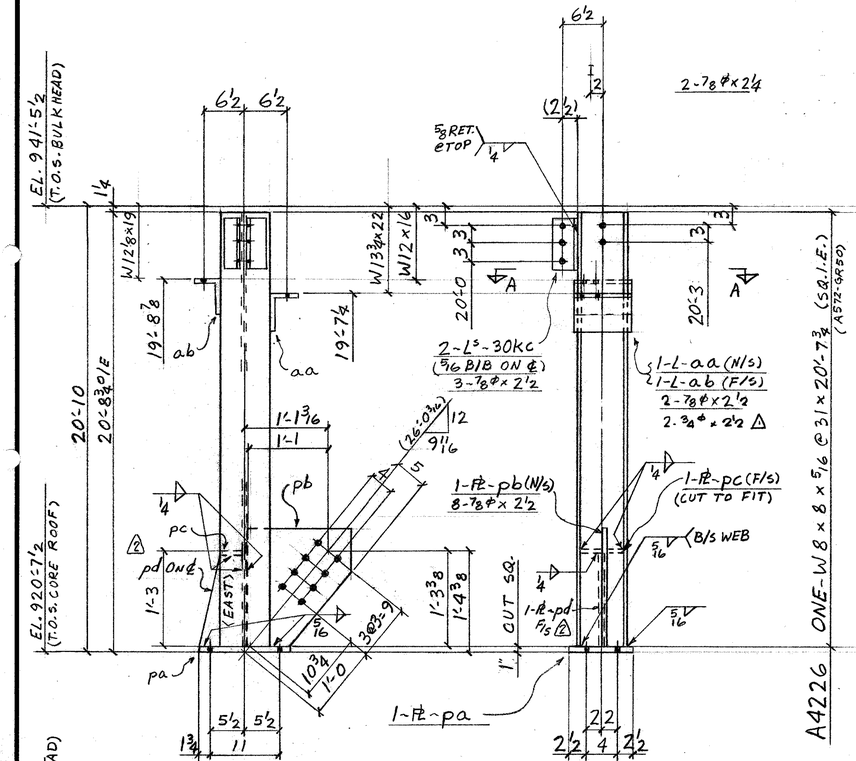
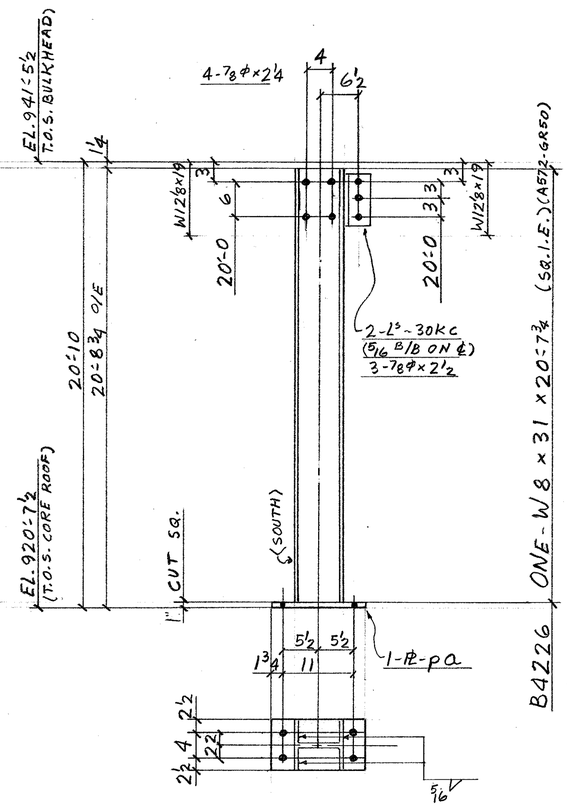
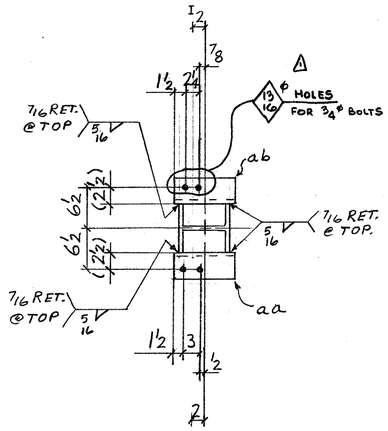


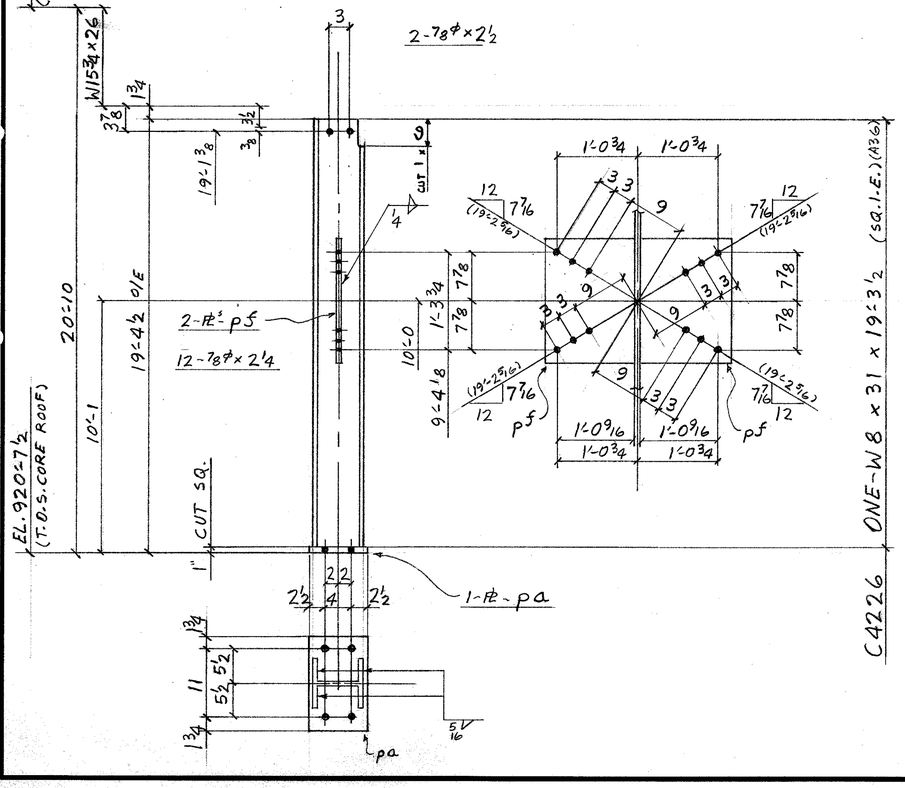




SECTION A-A

DIM'S SHOWN IN BRACKETS ARE BASED ON ACCURATE COL SIZES.

[redacted]




FIELD BOLTS
20 - 7/8ϕ A325F x 2¼
18 - ¾ x 2½
2 - ¾ϕ x 2½

MAT'L G40.21-44W U/N
E70 SERIES ELECTRODES
REF. DWG. E48, 901

## BILL OF MATERIAL

| LINE | COST | 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 | DSOR | FINISHED LENGTH Feet | FINISHED LENGTH In. | FINISHED LENGTH 16th | PAGE | LINE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | F001 | | | | | | | | | | | | | | |
| 02 | | | | | | | | | | | | | | | | | | | |
| 03 | | | | 30KC | 2 | L | 4 | × 3 × 3/8 | | | | 44W | | 0 | 8 | 8 | | | |
| 04 | | | | AA | 1 | L | 8 | × 4 × 3/4 | | | | ⊥ | | 0 | 9 | 8 | | | |
| 05 | | | | AB | 1 | L | 6 | × 4 × 3/4 | | | | | | 0 | 9 | 4 | | | |
| 06 | | | | PD | 1 | PI | 7 | 0 | | 0 | 8 | | | 1 | 2 | 10 | | | CUT TO FIT |
| 07 | | | | PA | 1 | PI | 9 | 0 | × | 1 | 0 | 44W | | 1 | 2 | 8 | | | |
| 08 | | | | PB | 1 | PI | 16 | 8 | × | 0 | 8 | ⊥ | | 1 | 6 | 8 | | | |
| 09 | | | | PC | 1 | PI | 3 | 12 | × | 0 | 6 | | | 0 | 7 | 2 | | | CUT TO FIT |
| 10 | | | | | 1 | IF | 1/4 | | | | | | | 4 | 0 | 0 | | | |
| 11 | | | | | 1 | IF | 5/16 | | | | | | | 3 | 6 | 0 | | | |
| 12 | | | | | | | | | | | | | | | | | | | |
| 13 | | 4816 | A4226 | | 1 | W | 8 | × 31 | | | | A572GR50 | | 20 | 7 | 12 | 8 | 11 | 9 SQ.I.E. |
| 14 | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | F001 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | |
| 17 | | | | 30KC | 2 | L | 4 | × 3 × 3/8 | | | | 44W | | 0 | 8 | 8 | | | |
| 18 | | | | | | | | | | | | | | | | | | | |
| 19 | | | | PA | 1 | PI | 9 | 0 | × | 1 | 0 | 44W | | 1 | 2 | 8 | | | |
| 20 | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | 1 | IF | 1/4 | | | | | | | 2 | 0 | 0 | | | |
| 22 | | | | | 1 | IF | 5/16 | | | | | | | 1 | 6 | 0 | | | |
| 23 | | | | | | | | | | | | | | | | | | | |
| 24 | | 4816 | B4226 | | 1 | W | 8 | × 31 | | | | A572GR50 | | 20 | 7 | 12 | 8 | 11 | 9 SQ.I.E. |
| 25 | | | | | | | | | | | | | | | | | | | |
| 26 | | | TOTAL | | | | | | TOTAL | | | | | | | | | | 1-OF-2 |
| 01 | | | | | F001 | | | | | | | | | | | | | | |
| 02 | | | | | | | | | | | | | | | | | | | |
| 03 | | | | PA | 1 | PI | 9 | 0 | × | 1 | 0 | 44W | | 1 | 2 | 8 | | | |
| 04 | | | | PF | 2 | PI | 14 | 8 | × | 0 | 8 | ⊥ | | 1 | 7 | 4 | | | |
| 05 | | | | | | | | | | | | | | | | | | | |
| 06 | | | | | 1 | IF | 1/4 | | | | | | | 7 | 0 | 0 | | | |
| 07 | | | | | 1 | IF | 5/16 | | | | | | | 1 | 6 | 0 | | | |
| 08 | | | | | | | | | | | | | | | | | | | |
| 09 | | 4811 | C4226 | | 1 | W | 8 | × 31 | | | | A36 | | 19 | 3 | 8 | 18 | 12 | 0 SQ.I.E |
| 10 | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | |
| 26 | | | TOTAL | | 25 | | | | TOTAL | | | | | 82 | | | | | 2-OF-2 |

MATERIAL

Tilan 5/86 R. Frankel 6/86

| REV | | | |
|---|---|---|---|
| 1 | DATE FEB 3/86 | BY WJF | |
| 2 | DATE MARCH 5/86 | BY D.Z. | |
| 3 | DATE | BY | |

SPEC. AS NOTED
HOLES 15/16ϕ
FINISH NONE

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

| MADE 27 | DATE JAN. 15/86 | SQUAD |
|---|---|---|
| SF | | FR |
| CHK'D. 28 WJF | DATE Jan 30/86 | |

PROJECT: 7 WORLD TRADE CENTER
DETAIL: POSTS (BULKHEAD)

CONTRACT 84-153
DWG.No. 4226