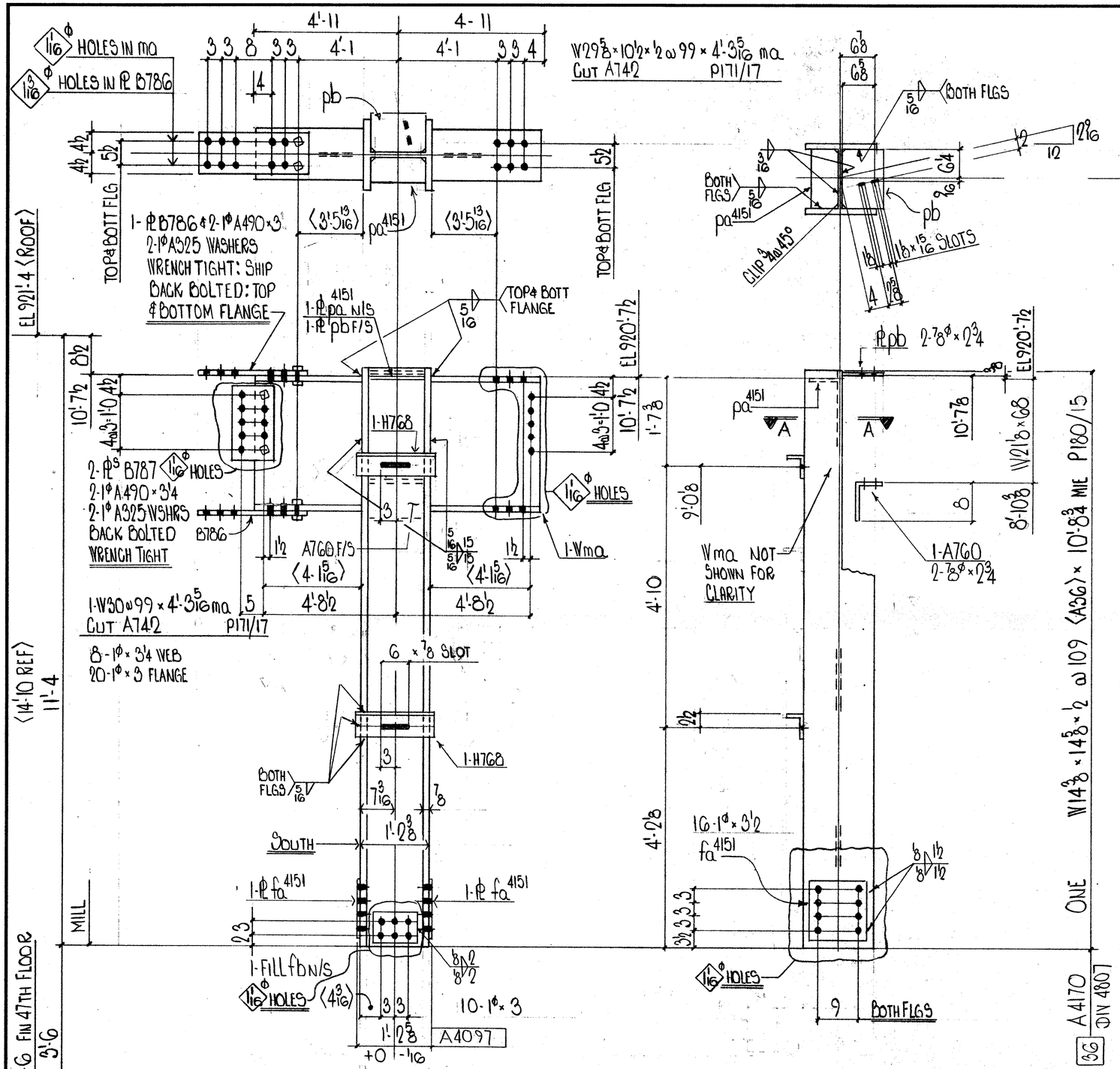



SHOP NOTES
MATERIAL G40-21 44W U/N
E70 SERIES ELECTRODES
REF DWGS: E118 E118A
9129 GW14 E48

FIELD BOLTS
54 1ϕ A325 WSHRS
30 1ϕ A490 × 3
8 1ϕ A490 × 3¼
16 1ϕ A490 × 3½

4 ⅞ϕ A325 × 2¾

DIM'S SHOWN IN BRACKETS ARE BASED ON ACCURATE COL SIZES.
SHOP SCRIBE VISIBLE C/L ON BOTH FLGS & B/S WEB TOP & BOTT.

## BILL OF MATERIAL

| LINE | CC OD SITE | 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 | | | | F001 | | | | | | | | | | | | | | | |
| 02 | | | | | | | | | | | | | | | | | | | |
| 03 | | | MA | | 2 | | | | W30 × 99 | | | A36 | | 4 | 3 | 5 | 171 | 17 | CUT A742 |
| 04 | | | | | | | | | | | | | | | | | | | |
| 05 | | | FA4151 | | 2 | PL | 12 | 0 | × | | 0 | 2 | 44W | | 1 | 0 | 8 | | |
| 06 | | | PA4151 | | 1 | | 5 | 0 | × | | 0 | 6 | 6 | | 1 | 0 | 8 | | |
| 07 | | | PB | | 1 | | 4 | 0 | × | | 0 | 6 | 6 | | 1 | 0 | 8 | | |
| 08 | | | FB | | 1 | | 10 | 0 | × | | 0 | 2 | 1 | | 0 | 9 | 8 | | |
| 09 | | | A760 | | 1 | | L | 8 × 6 × ¾ | | | | | 44W | | 1 | 0 | 6 | | |
| 10 | | | | | | | | | | | | | | | | | | | |
| 11 | | | H768 | | 2 | | L | 4 × 3 × ⅜ | | | | | 44W | | 1 | 6 | 8 | | |
| 12 | | | | | | | | | | | | | | | | | | | |
| 13 | | | B786 | | 2 | PL | 9 | 0 | × | | 0 | 8 | 44W | | 1 | 1 | 8 | | |
| 14 | | | B787 | | 2 | PL | 8 | 8 | × | | 0 | 8 | 1 | | 1 | 6 | 8 | | |
| 15 | | | | | 6 | | HT WASHER 1 | | | | | | 325 | | | | | | |
| 16 | | | | | 4 | | HT BOLT 1 × 3 | | | | | | 490 | | | | | | |
| 17 | | | | | 2 | | HT BOLT 1 × 3¼ | | | | | | 1 | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | 1 | | FT WASHER 1 | | | | | | 325 | | 1 | 6 | 0 | | |
| 20 | | | | | 1 | | FF 5/16 | | | | | | | | 4 | 0 | 0 | | |
| 21 | | | | | 1 | | FF 5/16 | | | | | | | | 21 | 0 | 0 | | |
| 22 | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | |
| 25 | 4807 | A4170 | | | 1 | | | | W14 × 109 | | | A36 | | 10 | 8 | 12 | 180 | 15 | MIE |
| 26 | | | TOTAL | | 51 | | | | TOTAL | | | | | 47 | | | 1 OF 1 | | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | | | | | | | | | | |
| 02 | | | | | | | | | | | | | | | | | | | |
| 03 | | | | | | | | | | | | | | | | | | | |
| 04 | | | | | | | | | | | | | | | | | | | |
| 05 | | | | | | | | | | | | | | | | | | | |
| 06 | | | | | | | | | | | | | | | | | | | |
| 07 | | | | | 1 | | FF | | | | | | | | | | | | |
| 08 | | | | | 1 | | FF | 3/16 | | | | | | | | | | | |
| 09 | | | | | 1 | | FF | 5/16 | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | 1 | | W14 × | | | | | | | | 10 | 3 | 12 | 120 | MIE |
| 15 | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | |
| 26 | | | TOTAL | | | | | | TOTAL | | | | | | | | | | |

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

SPEC. AS NOTED
HOLES 1/16ϕ U/NOTED
FINISH NONE

**FRANKEL STEEL LIMITED**
220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 6R2

| MADE 27 | CHK'D 28 | DATE | SQUAD |
|---|---|---|---|
| JIM | GM | 12/12 DEC 17/85 | FB |

PROJECT: 7 WORLD TRADE CENTER
DETAIL: ROOF COLUMN ZONE 4

CONTRACT 84-153
DWG.No. 4170