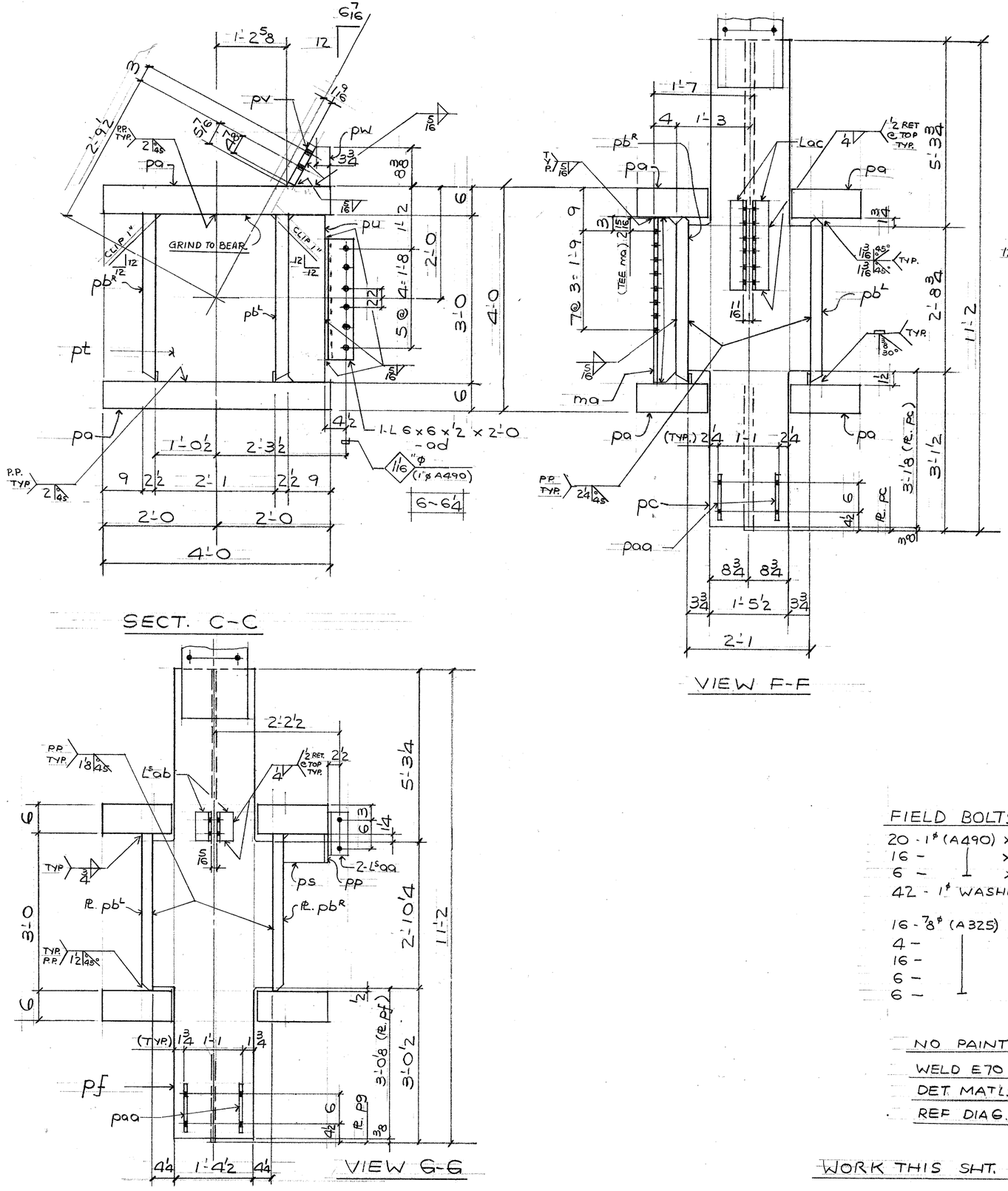



## FIELD BOLTS

20 - 1" (A490) × 3½
16 - × 2¾
6 - × 6¼
42 - 1" WASHERS

16 - ⅞" (A325) × 6½
4 - × 5½
16 - × 4¾
6 - × 2¾
6 - × 2¼

NO PAINT
WELD E70 XX
DET. MATLS 640.21-44W U/N
REF DIAG. E5 - E123 970

WORK THIS SHT. DWG No. 488A

## BILL OF MATERIAL

| LINE | CODE | 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 | DSOR | FINISHED LENGTH Feet | FINISHED LENGTH In. | FINISHED LENGTH 16th | PAGE | LINE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | Fool | | | | | | | | | | | | | | | |
| 02 | | | | PA | 2 | PL | 48 | 0 | x | 6 | 0 | A572-GR42 | | 19 | 7 | 0 | 106 106 | 23 24 | |
| 03 | | | | PB | 2 | | 36 | 0 | x | 2 | 8 | | | 19 | 7 | 0 | 106 | 22 | |
| 04 | | | | PC | 2 | | 25 | 0 | x | 4 | 4 | | | 11 | 1 | 10 | 153 | 6 | |
| 05 | | | | PD | 1 | | 12 | 6 | x | 2 | 10 | | | 11 | 2 | 0 | 153 | 7 | |
| 06 | | | | PE | 2 | | 25 | 0 | x | 2 | 8 | A572-GR42 | | 11 | 1 | 10 | 153 | 8 | |
| 07 | | | | PG | 1 | | 12 | 8 | x | 1 | 10 | A572-GR50 | | 11 | 2 | 0 | 153 | 9 | |
| 08 | | | | PH | 2 | | 12 | 8 | x | 0 | 10 | 44W | | 2 | 0 | 0 | | | |
| 09 | | | | PK | 2 | | 14 | 8 | x | 0 | 10 | | | 2 | 1 | 0 | | | |
| 10 | | | | PM | 1 | | 25 | 0 | x | 1 | 4 | | | 5 | 5 | 12 | | | |
| 11 | | | | PN | 1 | | 24 | 6 | x | 1 | 4 | | | 5 | 5 | 12 | | | |
| 12 | | | | PP | 2 | | 5 | 4 | x | 0 | 6 | | | 0 | 8 | 0 | | | |
| 13 | | | | PS | 2 | | 5 | 4 | x | 0 | 6 | | | 0 | 8 | 10 | | | |
| 14 | | | | PT | 2 | | 25 | 0 | x | 4 | 12 | A572-GR42 | | 3 | 0 | 0 | 152 | 10 | |
| 15 | | | | PU | 1 | | 24 | 0 | x | 8 | 0 | A588 | | 3 | 0 | 0 | 153 | 11 | |
| 16 | | | | PV | 1 | | 9 | 0 | x | 1 | 0 | 44W | | 0 | 9 | 8 | | | |
| 17 | | | | PW | 1 | | 8 | 4 | x | 1 | 0 | | | 0 | 8 | 6 | | | |
| 18 | | | | PX | 6 | | 5 | 6 | x | 0 | 14 | | | 2 | 3 | 0 | | | |
| 19 | | | | MA | 1 | | W | 14 | x 99 | | | A572-GR50 | 2 | 2 | 11 | 14 | | | CUT 1 TEE |
| 20 | | | | | | | | | | | | | | | | | | | |
| 21 | | | | AA | 4 | | L | 4 | x 3 x 5/16 | | | 44W | | 0 | 8 | 8 | | | |
| 22 | | | | AB | 2 | | L | 4 | x 3 x 5/16 | | | | | 0 | 5 | 8 | | | |
| 23 | | | | AC | 2 | | L | 4 | x 3 x 5/16 | | | | | 1 | 5 | 8 | | | |
| 24 | | | | AD | 1 | | L | 6 | x 6 x ½ | | | | | 2 | 0 | 0 | | | |
| 25 | | | | | | | | | | | | | | | | | | | |
| 26 | | | TOTAL | | | | | | | | | TOTAL | | | | | | | |
| 01 | | | | PAA | 8 | PL | 8 | 8 | x | 1 | 0 | 44W | | 0 | 10 | 0 | | | |
| 02 | | | | | 1 | | 36 | | 75.0 | | | | | 17 | 0 | 0 | | | |
| 03 | | | | | 1 | | 66 | | 1¼ | | | | | 12 | 0 | 0 | | | |
| 04 | | | | | | | | | | | | | | | | | | | |
| 05 | | | | | 1 | | 1F | | ¾ | | | | | 56 | 0 | 0 | | | |
| 06 | | | | | 1 | | 66 | | 1½ | | | | | 22 | 0 | 0 | | | |
| 07 | | | | | 1 | | 66 | | 2¼ | | | | | 11 | 0 | 0 | | | |
| 08 | | | | | 1 | | 66 | | 1⅛ | | | | | 11 | 6 | 0 | | | |
| 09 | | | | | 1 | | 66 | | 2 | | | | | 13 | 8 | 0 | | | |
| 10 | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | 1 | | 1F | | 9/16 | | | | | 9 | 6 | 0 | | | |
| 13 | | | | | 1 | | 1F | | ¼ | | | | | 16 | 5 | 0 | | | |
| 14 | | | | | 1 | | 66 | | ¾ | | | | | 3 | 8 | 0 | | | |
| 15 | | | | | 1 | | 1F | | 5/16 | | | | | 139 | 0 | 0 | | | |
| 16 | | | | | 1 | | 66 | | ⅜ | | | | | 3 | 8 | 0 | | | |
| 17 | | | | | 1 | | 1F | | ⅝ | | | | | 14 | 8 | 0 | | | |
| 18 | | | | | 1 | | 66 | | 1¼ | | | | | 17 | 0 | 0 | | | |
| 19 | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | |
| 21 | 0029 | A488 | | | 1 | | PIECE | | Box GIRDER | | | | | 19 | 7 | 0 | | | X 147 |
| 22 | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | |
| 26 | | | TOTAL | | 65 ✓ | | | | | | | TOTAL | | 471 ✓ | | | | | |

REV. 1 DATE BY — 2 DATE BY — 3 DATE BY

SPEC. A572-GR42 U/N
HOLES 15/16 ø U/N
FINISH

MADE 27 ATB. DATE
CHK'D. 28 JDP DATE APRIL 85
SQUAD FR

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

PROJECT: 7 WORLD TRADE
DETAIL: GIRDER @ 5TH FLOOR

CONTRACT 84-15
DWG.No. 488