

| DIMENSION | A | B | C | D | E | F | G | H |
|-----------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| #1 | 4 $\frac{3}{8}$ | 5 | 6 $\frac{15}{16}$ | 9 $\frac{1}{2}$ | 10 $\frac{3}{4}$ | 10 $\frac{3}{8}$ | 9 $\frac{1}{2}$ | 8 $\frac{3}{4}$ |
| #2 | 4 $\frac{1}{4}$ | 4 $\frac{15}{16}$ | 6 $\frac{15}{16}$ | 9 $\frac{1}{4}$ | 10 $\frac{3}{8}$ | 10 $\frac{3}{8}$ | 9 $\frac{1}{2}$ | 8 $\frac{3}{8}$ |
| #3 | 4 $\frac{1}{4}$ | 4 $\frac{15}{16}$ | 6 $\frac{3}{8}$ | 9 $\frac{11}{16}$ | 10 $\frac{3}{8}$ | 10 $\frac{3}{8}$ | 9 $\frac{1}{2}$ | 8 $\frac{13}{16}$ |
| #4 | 4 $\frac{1}{8}$ | 4 $\frac{3}{8}$ | 6 $\frac{3}{4}$ | 9 $\frac{3}{8}$ | 10 $\frac{7}{16}$ | 10 $\frac{3}{16}$ | 9 $\frac{5}{16}$ | 8 $\frac{5}{8}$ |

* In shop preparation of these joints, root opening may vary from 0 to 1/16 in. and root face may vary from 1/16 in. to 0.

SHOP ASSEMBLY DIAGRAM

STATE OF MAINE
BEEDLE ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGadahoc COUNTY

U.S. American Bridge
Division of United States Steel Corporation

NOTES TO SHOP:
MATCHMARK SPLICE PLATES TO AVOID
INTERCHANGING AND MISPLACEMENT.
REFER TO DETAIL DRAWINGS FOR
HOLES TO BE REAMED.
ALL DIMENSIONS SHOWN ARE
BASED ON A 68° F. TAPE

| | |
|---|--|
| F | |
| E | |
| D | |
| C | |
| B | |
| A | |

REVISIONS

FABRICATION ASSIGNED TO: **ELMIRA**

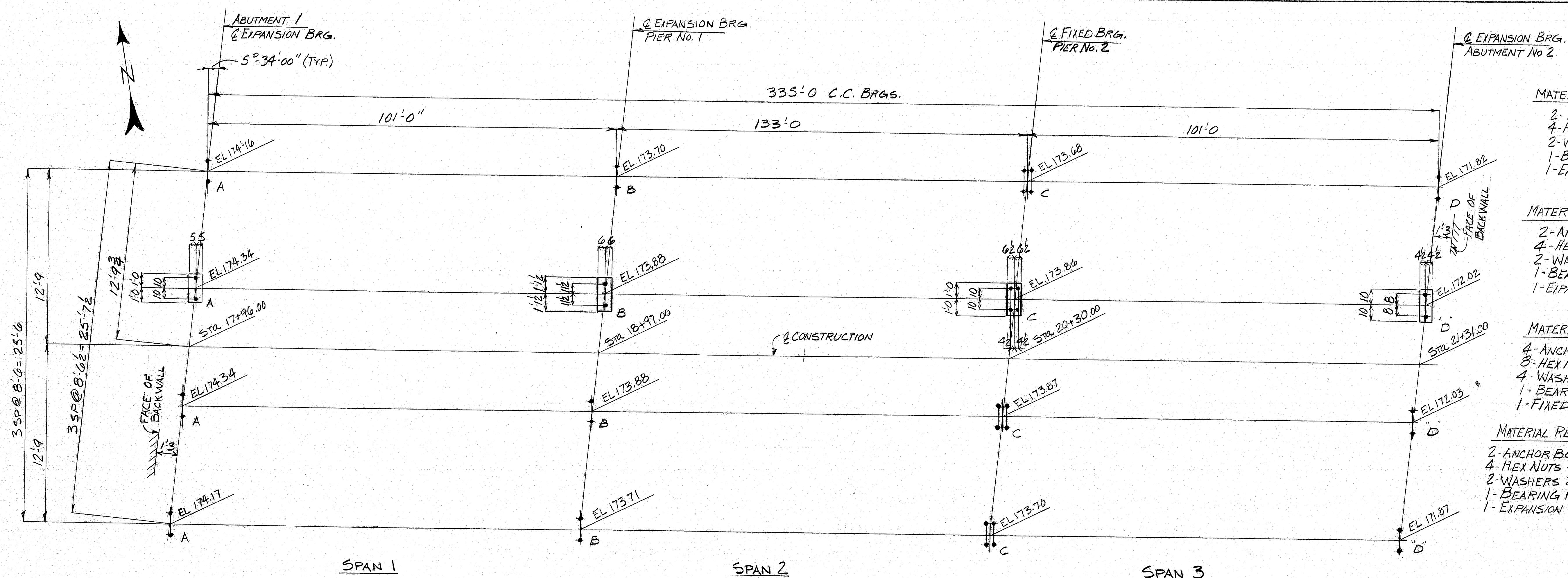
DRAWING MADE BY: **ELMIRA**

MADE BY: **LTH** DATE: **4-17-75** CHECKED BY: **RJS** DATE: **9/4/75**

IN CHARGE OF: **GUR-32**

ORDER NO. **K6682** SHEET NO. **SAI**

145-11



MATERIAL REQ'D FOR ONE BASE 'A'

2-ANCHOR BOLTS 1"X1'3" FIAI
 4-HEX NUTS 1" TAP
 2-WASHERS 2 1/2"X1 1/2" HOLE - FIWI
 1-BEARING PAD - SCIP3
 1-EXPANSION SHOE - 2SE1

MATERIAL REQ'D FOR ONE BASE 'B'

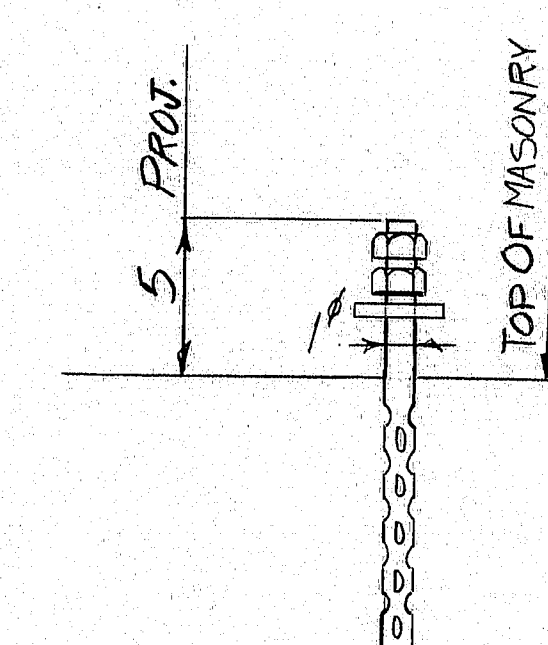
2-ANCHOR BOLTS 1"X1'3" FIAI
 4-HEX NUTS 1" TAP
 2-WASHERS 2 1/2"X1 1/2" HOLE - FIWI
 1-BEARING PAD - SCIP4
 1-EXPANSION SHOE - 2SE2

MATERIAL REQ'D FOR ONE BASE 'C'

4-ANCHOR BOLTS 1"X1'3" FIAI
 8-HEX NUTS 1" TAP
 4-WASHERS 2 1/2"X1 1/2" HOLE - FIWI
 1-BEARING PAD - SCIP2
 1-FIXED SHOE - 1SE1

MATERIAL REQ'D FOR ONE BASE 'D'

2-ANCHOR BOLTS 1"X1'3" FIAI
 4-HEX NUTS 1" TAP
 2-WASHERS 2 1/2"X1 1/2" HOLE - FIWI
 1-BEARING PAD - SCIP1
 1-EXPANSION SHOE - 1SE1



TYPICAL ANCHOR BOLT

ANCHOR BOLT PLAN

| ROCKER SETTING DATA | | | | | | | | | |
|----------------------|-------------|------|------|---------|------|------|-------------|------|-----|
| TEMP IN DEGREES F | ABUTMENT #1 | | | PIER #1 | | | ABUTMENT #2 | | |
| | a | b | c | a | b | c | a | b | c |
| | 105° | -3" | -1" | -16" | -8" | -3" | -4" | -3" | -2" |
| 90° | -3" | -3" | -16" | -16" | -16" | -16" | -16" | -16" | -3" |
| 75° | -3" | -3" | -16" | -16" | -16" | -16" | -16" | -16" | -4" |
| 60° | -16" | -16" | -4" | -6" | -6" | -6" | +16" | -16" | -6" |
| 45° | +16" | +16" | 0 | 0 | 0 | 0 | +16" | +16" | 0 |
| 30° | +16" | +16" | +4" | +6" | +6" | +6" | +16" | +16" | +6" |
| 15° | +16" | +16" | +16" | +16" | +16" | +16" | +16" | +16" | +4" |
| 0° | +16" | +16" | +16" | +16" | +16" | +16" | +16" | +16" | +3" |
| -15° | +16" | +16" | +16" | +16" | +16" | +16" | +16" | +16" | +2" |

- a. AFTER STRUCTURAL STEEL ERECTION AND BEFORE SLAB PLACEMENT.
- b. AFTER SLAB PLACEMENT AND BEFORE CURBS AND WEARING SURFACE PLACEMENT.
- c. AFTER PLACEMENT OF SLABS, CURBS, WEARING SURFACE AND INSTALLATION OF RAILINGS.

NOTES TO MASONRY CONTRACTOR:

ANCHOR BOLTS FURNISHED BY A.B. DIV. AND SET BY OTHERS. AREAS SHOWN AT BEARING POINTS ARE OVERALL SIZES OF MASONRY PLATES. ELEVATIONS GIVEN ON THE PLAN ARE TO THE TOP OF CONCRETE PEDESTAL. MASONRY CONTRACTOR TO SCRIBE & BEARINGS IN BOTH DIRECTIONS IN TOP OF MASONRY FOR 3" BEYOND MASONRY PLATE AREA. ALL DIMENSIONS ON THIS PLAN ARE GIVEN IN A HORIZONTAL PLANE AT 45°F.

ANCHOR BOLT PLAN
 STATE OF MAINE
 BEEDLE ROAD, OVER INTERSTATE 95
 TOWN OF RICHMOND
 SAGADAHOC COUNTY

U.S. American Bridge
 Division of United States Steel Corporation

FABRICATION ASSIGNED TO: ELMIRA

DRAWING MADE BY: ELMIRA

MADE BY: HF DATE: 4/75 CHECKED BY: L.J.H. DATE: 4-24-75

IN CHARGE OF: G. ROTHMEL

ORDER NO: K6682

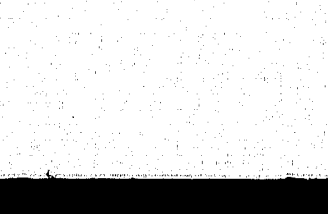
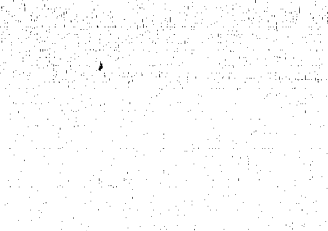
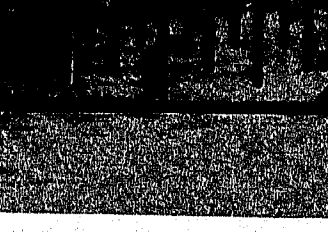
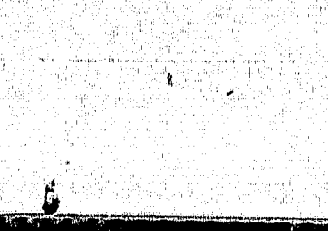
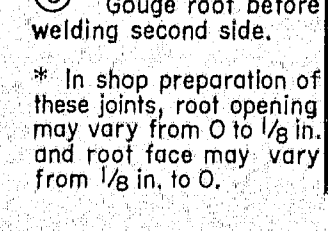
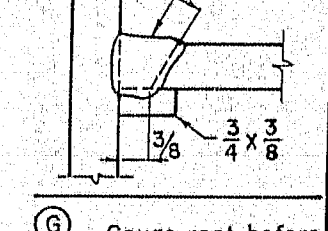
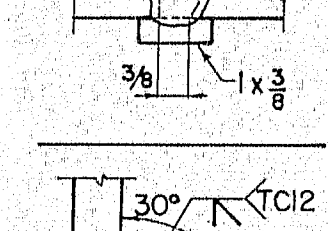
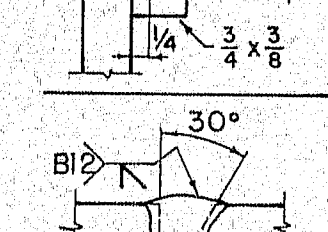
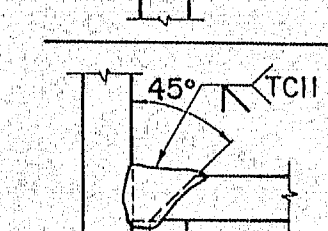
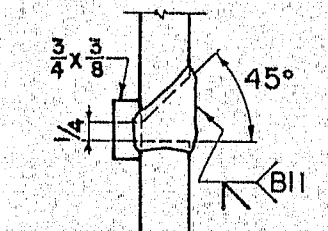
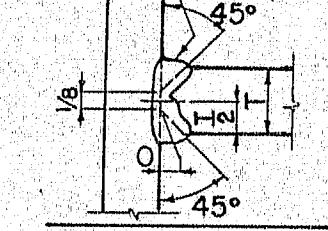
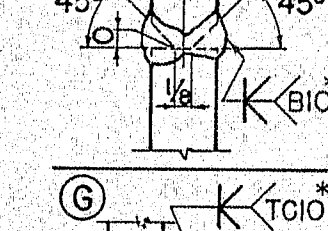
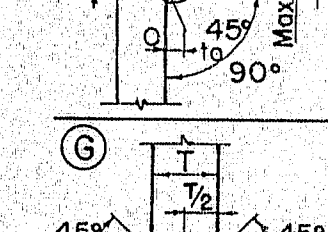
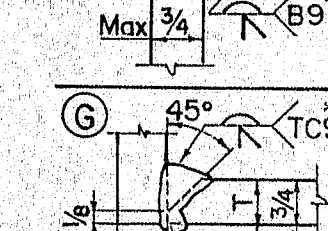
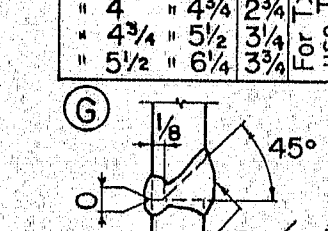
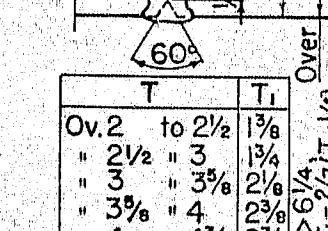
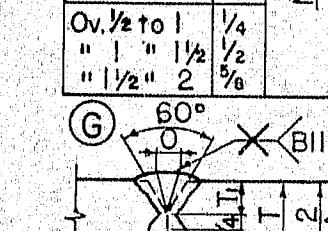
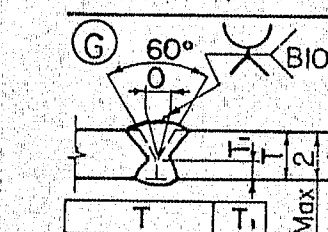
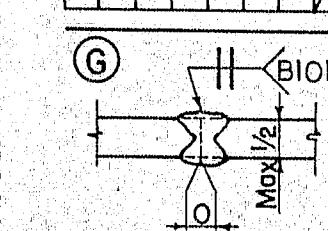
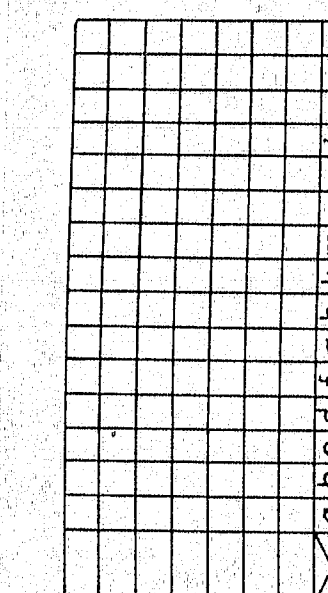
SHEET NO: E1

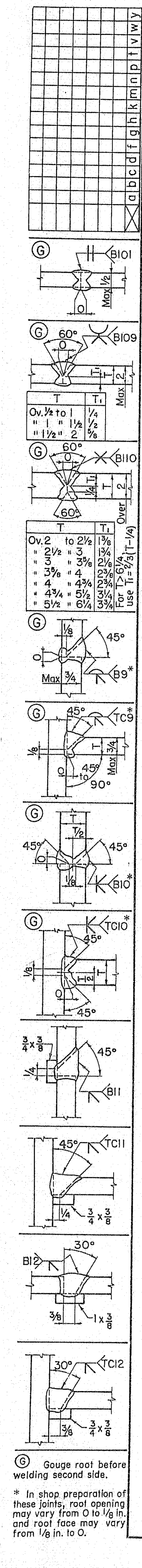
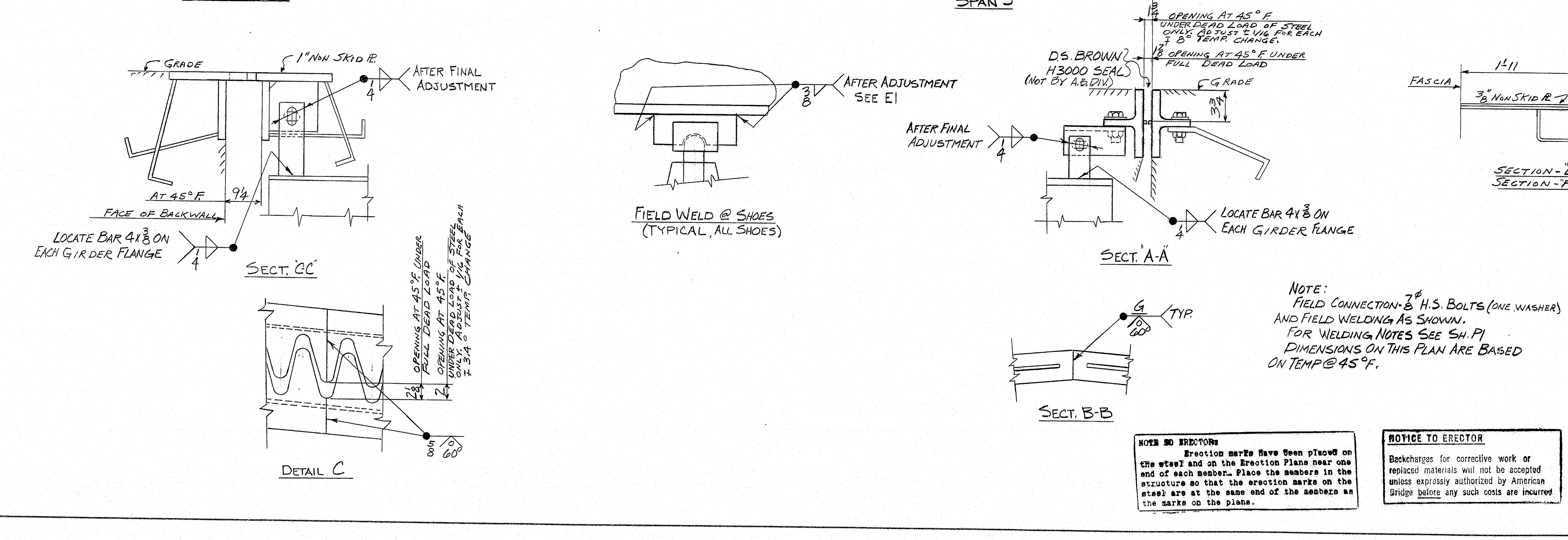
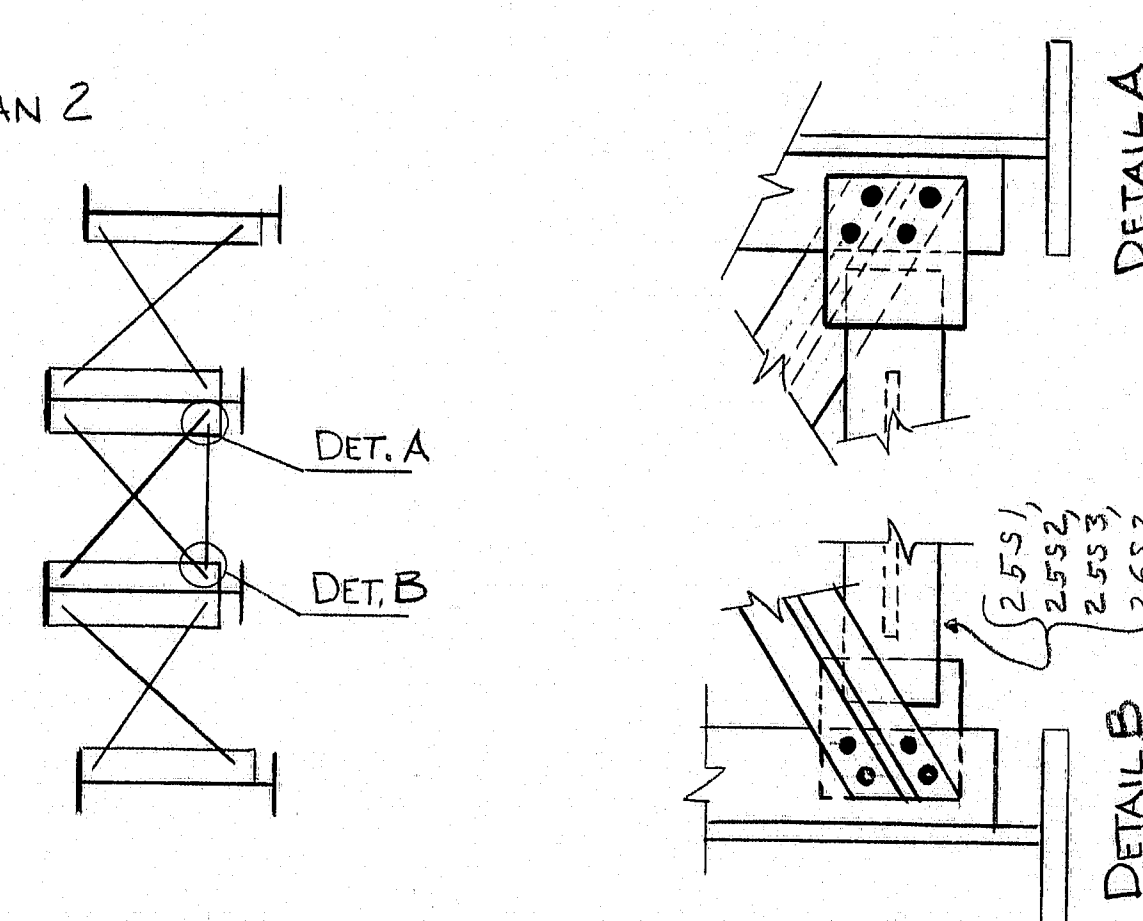
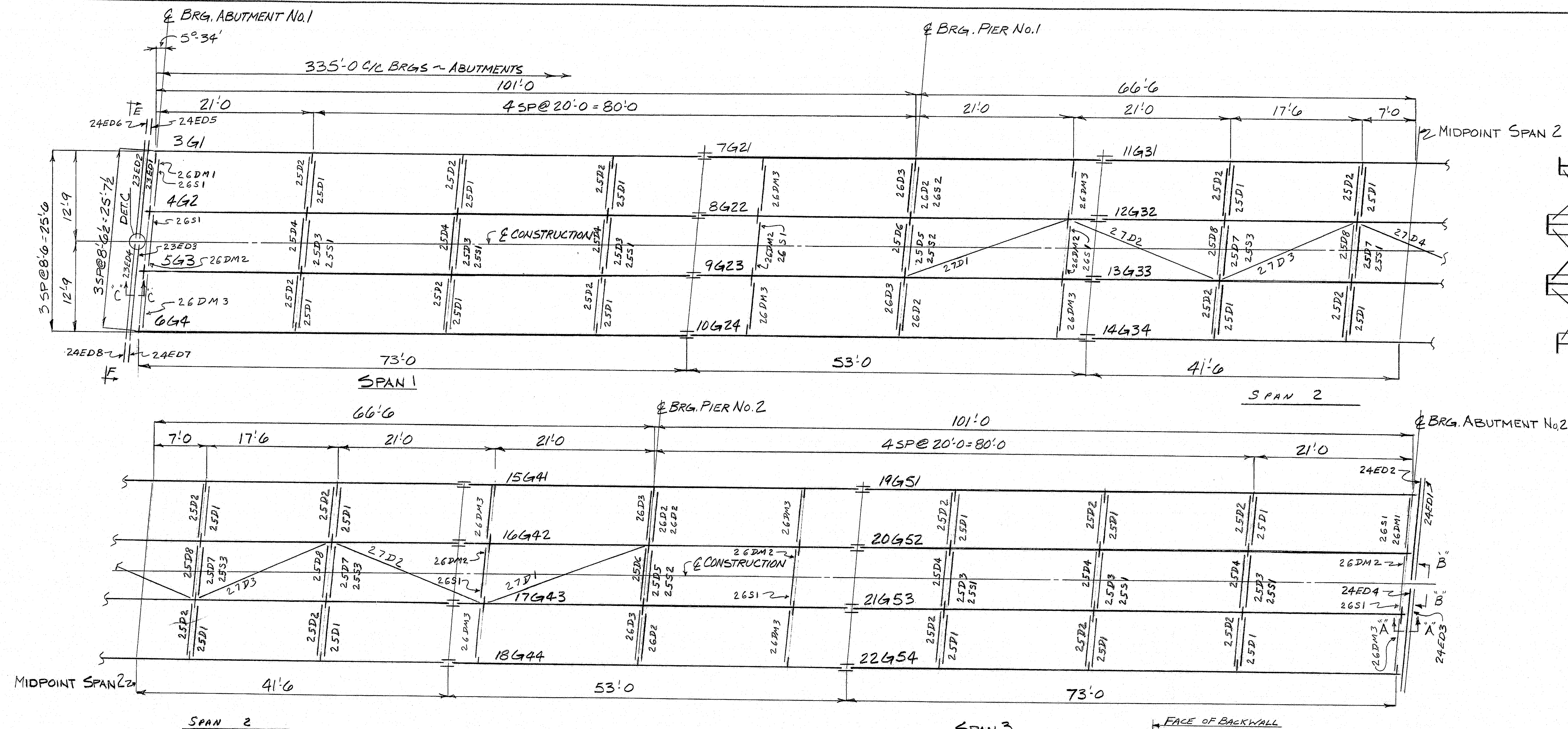
| REVISIONS |
|-----------|
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| 6 |
| 7 |
| 8 |
| 9 |
| 10 |

NOTICE TO ERECTOR

Recharges for corrective work or replacement materials will not be accepted unless expressly authorized by American Bridge before any such costs are incurred.

The dimensions on this plan must be strictly adhered to in all masonry, concrete and building construction or the steelwork will not fit. Report any error or misunderstanding at once.





* In shop preparation of these joints, root opening may vary from 0.10 to 0.15 in. and root face may vary from 1/8 in. to 0.

NOTE: FIELD CONNECTIONS - 7/8" H.S. BOLTS (ONE WASHER) AND FIELD WELDING AS SHOWN. FOR WELDING NOTES SEE SH. P. DIMENSIONS ON THIS PLAN ARE BASED ON TEMP @ 45°F.

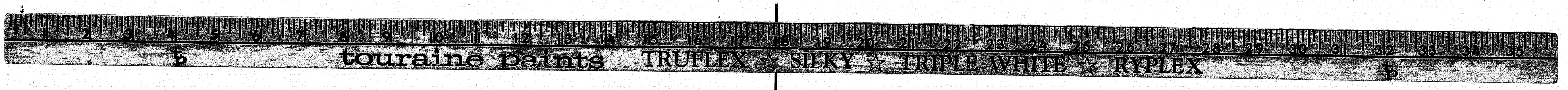
NOTES TO ERECTOR: Erection marks have been placed on the steel and on the Erection Plans near one end of each member. Place the members in the structure so that the erection marks on the steel are at the same end of the members as the marks on the plans.

NOTICE TO ERECTOR: Backcharges for corrective work or replaced materials will not be accepted unless expressly authorized by American Bridge before any such costs are incurred.

| REVISIONS | DATE | BY | CHKD |
|-----------|------|----|--------|
| 1 | 9/25 | HF | ELMIRA |

FABRICATION ASSIGNED TO: **ELMIRA**
 DRAWING MADE BY: **ELMIRA**
 MADE BY: **HF** DATE: **9/25** CHECKED BY: **ELMIRA** DATE: **9-25**
 IN CHARGE OF: **GUROTHELM**
 ORDER NO: **K6682** SHEET NO: **E2**

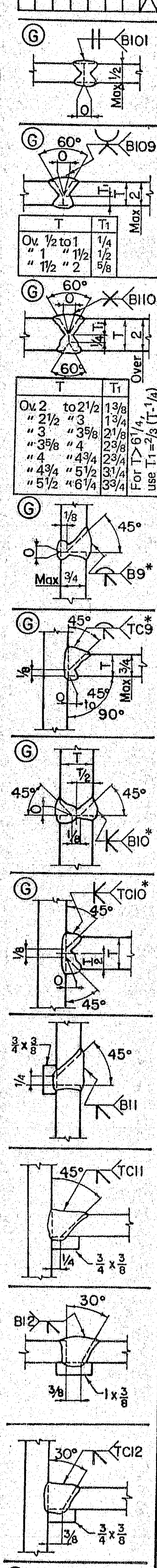
145-13



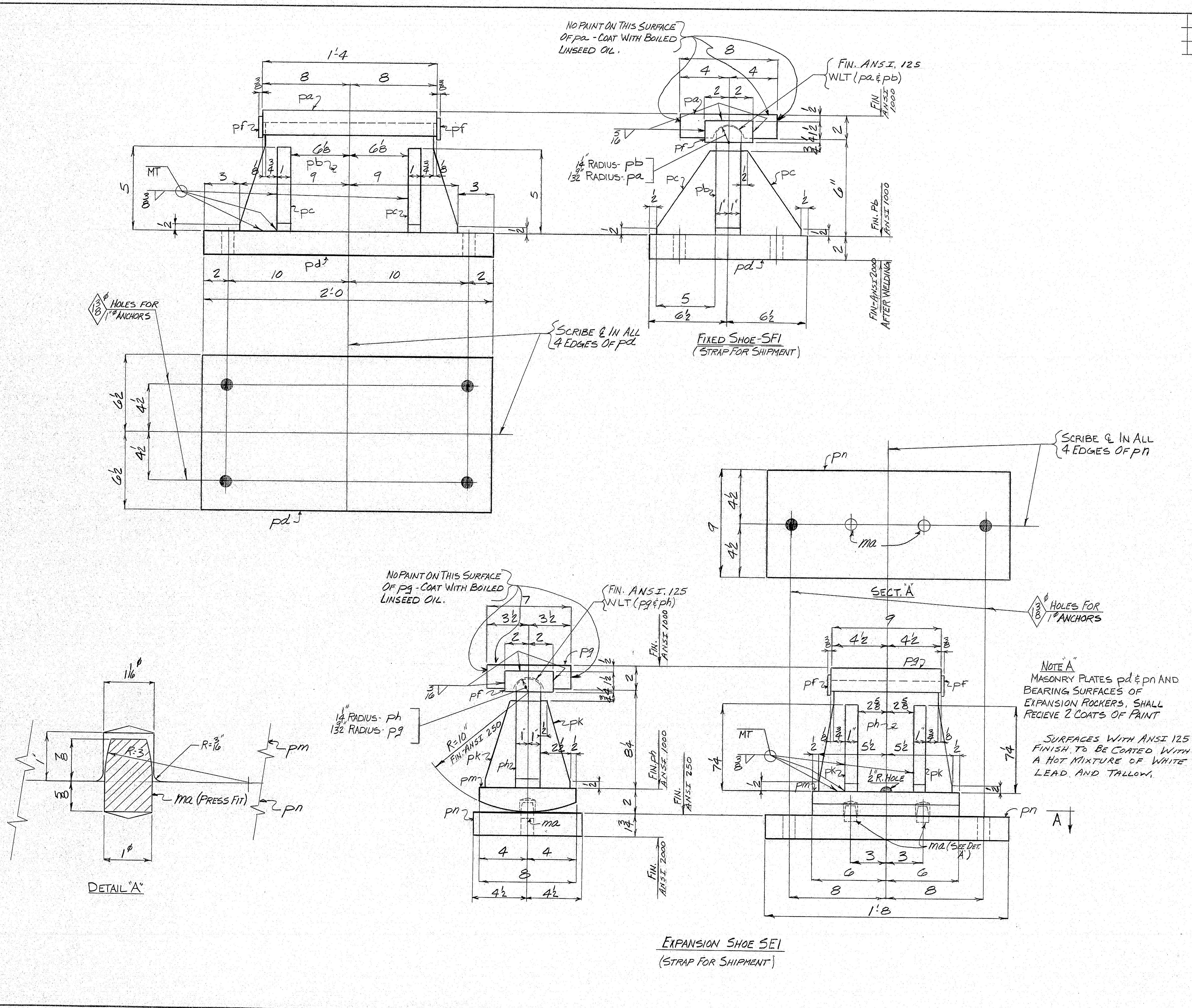
BOLT LENGTHS FOR VARIOUS GRIPS
Grip is thickness of material connected exclusive of washers

| Bolt Diameter & Grip | Bolt Length | | | Bolt Diameter & Grip | Bolt Length | | |
|----------------------|-------------|---------|---------|----------------------|-------------|---------|---------|
| | No. Wash. | 1 Wash. | 2 Wash. | | No. Wash. | 1 Wash. | 2 Wash. |
| 1/4" | 1 | 1 1/2" | 2" | 1/4" | 1 | 1 1/2" | 2" |
| 5/16" | 1 | 1 3/4" | 2 1/4" | 5/16" | 1 | 1 3/4" | 2 1/4" |
| 3/8" | 1 | 2" | 2 3/4" | 3/8" | 1 | 2" | 2 3/4" |
| 1/2" | 1 | 2 1/2" | 3 1/4" | 1/2" | 1 | 2 1/2" | 3 1/4" |
| 5/8" | 1 | 2 3/4" | 3 3/4" | 5/8" | 1 | 2 3/4" | 3 3/4" |
| 3/4" | 1 | 3" | 4" | 3/4" | 1 | 3" | 4" |
| 7/8" | 1 | 3 1/4" | 4 1/4" | 7/8" | 1 | 3 1/4" | 4 1/4" |
| 1" | 1 | 3 1/2" | 4 1/2" | 1" | 1 | 3 1/2" | 4 1/2" |
| 1 1/8" | 1 | 3 3/4" | 4 3/4" | 1 1/8" | 1 | 3 3/4" | 4 3/4" |
| 1 1/4" | 1 | 4" | 5" | 1 1/4" | 1 | 4" | 5" |
| 1 1/2" | 1 | 4 1/4" | 5 1/4" | 1 1/2" | 1 | 4 1/4" | 5 1/4" |
| 1 3/4" | 1 | 4 1/2" | 5 1/2" | 1 3/4" | 1 | 4 1/2" | 5 1/2" |
| 2" | 1 | 4 3/4" | 5 3/4" | 2" | 1 | 4 3/4" | 5 3/4" |
| 2 1/4" | 1 | 5" | 6" | 2 1/4" | 1 | 5" | 6" |
| 2 1/2" | 1 | 5 1/4" | 6 1/4" | 2 1/2" | 1 | 5 1/4" | 6 1/4" |
| 2 3/4" | 1 | 5 1/2" | 6 1/2" | 2 3/4" | 1 | 5 1/2" | 6 1/2" |
| 3" | 1 | 5 3/4" | 6 3/4" | 3" | 1 | 5 3/4" | 6 3/4" |
| 3 1/4" | 1 | 6" | 7" | 3 1/4" | 1 | 6" | 7" |
| 3 1/2" | 1 | 6 1/4" | 7 1/4" | 3 1/2" | 1 | 6 1/4" | 7 1/4" |
| 3 3/4" | 1 | 6 1/2" | 7 1/2" | 3 3/4" | 1 | 6 1/2" | 7 1/2" |
| 4" | 1 | 6 3/4" | 7 3/4" | 4" | 1 | 6 3/4" | 7 3/4" |
| 4 1/4" | 1 | 7" | 8" | 4 1/4" | 1 | 7" | 8" |
| 4 1/2" | 1 | 7 1/4" | 8 1/4" | 4 1/2" | 1 | 7 1/4" | 8 1/4" |
| 4 3/4" | 1 | 7 1/2" | 8 1/2" | 4 3/4" | 1 | 7 1/2" | 8 1/2" |
| 5" | 1 | 7 3/4" | 8 3/4" | 5" | 1 | 7 3/4" | 8 3/4" |
| 5 1/4" | 1 | 8" | 9" | 5 1/4" | 1 | 8" | 9" |
| 5 1/2" | 1 | 8 1/4" | 9 1/4" | 5 1/2" | 1 | 8 1/4" | 9 1/4" |
| 5 3/4" | 1 | 8 1/2" | 9 1/2" | 5 3/4" | 1 | 8 1/2" | 9 1/2" |
| 6" | 1 | 8 3/4" | 9 3/4" | 6" | 1 | 8 3/4" | 9 3/4" |
| 6 1/4" | 1 | 9" | 10" | 6 1/4" | 1 | 9" | 10" |
| 6 1/2" | 1 | 9 1/4" | 10 1/4" | 6 1/2" | 1 | 9 1/4" | 10 1/4" |
| 6 3/4" | 1 | 9 1/2" | 10 1/2" | 6 3/4" | 1 | 9 1/2" | 10 1/2" |
| 7" | 1 | 9 3/4" | 10 3/4" | 7" | 1 | 9 3/4" | 10 3/4" |
| 7 1/4" | 1 | 10" | 11" | 7 1/4" | 1 | 10" | 11" |
| 7 1/2" | 1 | 10 1/4" | 11 1/4" | 7 1/2" | 1 | 10 1/4" | 11 1/4" |
| 7 3/4" | 1 | 10 1/2" | 11 1/2" | 7 3/4" | 1 | 10 1/2" | 11 1/2" |
| 8" | 1 | 10 3/4" | 11 3/4" | 8" | 1 | 10 3/4" | 11 3/4" |
| 8 1/4" | 1 | 11" | 12" | 8 1/4" | 1 | 11" | 12" |
| 8 1/2" | 1 | 11 1/4" | 12 1/4" | 8 1/2" | 1 | 11 1/4" | 12 1/4" |
| 8 3/4" | 1 | 11 1/2" | 12 1/2" | 8 3/4" | 1 | 11 1/2" | 12 1/2" |
| 9" | 1 | 11 3/4" | 12 3/4" | 9" | 1 | 11 3/4" | 12 3/4" |
| 9 1/4" | 1 | 12" | 13" | 9 1/4" | 1 | 12" | 13" |
| 9 1/2" | 1 | 12 1/4" | 13 1/4" | 9 1/2" | 1 | 12 1/4" | 13 1/4" |
| 9 3/4" | 1 | 12 1/2" | 13 1/2" | 9 3/4" | 1 | 12 1/2" | 13 1/2" |
| 10" | 1 | 12 3/4" | 13 3/4" | 10" | 1 | 12 3/4" | 13 3/4" |
| 10 1/4" | 1 | 13" | 14" | 10 1/4" | 1 | 13" | 14" |
| 10 1/2" | 1 | 13 1/4" | 14 1/4" | 10 1/2" | 1 | 13 1/4" | 14 1/4" |
| 10 3/4" | 1 | 13 1/2" | 14 1/2" | 10 3/4" | 1 | 13 1/2" | 14 1/2" |
| 11" | 1 | 13 3/4" | 14 3/4" | 11" | 1 | 13 3/4" | 14 3/4" |
| 11 1/4" | 1 | 14" | 15" | 11 1/4" | 1 | 14" | 15" |
| 11 1/2" | 1 | 14 1/4" | 15 1/4" | 11 1/2" | 1 | 14 1/4" | 15 1/4" |
| 11 3/4" | 1 | 14 1/2" | 15 1/2" | 11 3/4" | 1 | 14 1/2" | 15 1/2" |
| 12" | 1 | 14 3/4" | 15 3/4" | 12" | 1 | 14 3/4" | 15 3/4" |
| 12 1/4" | 1 | 15" | 16" | 12 1/4" | 1 | 15" | 16" |
| 12 1/2" | 1 | 15 1/4" | 16 1/4" | 12 1/2" | 1 | 15 1/4" | 16 1/4" |
| 12 3/4" | 1 | 15 1/2" | 16 1/2" | 12 3/4" | 1 | 15 1/2" | 16 1/2" |
| 13" | 1 | 15 3/4" | 16 3/4" | 13" | 1 | 15 3/4" | 16 3/4" |
| 13 1/4" | 1 | 16" | 17" | 13 1/4" | 1 | 16" | 17" |
| 13 1/2" | 1 | 16 1/4" | 17 1/4" | 13 1/2" | 1 | 16 1/4" | 17 1/4" |
| 13 3/4" | 1 | 16 1/2" | 17 1/2" | 13 3/4" | 1 | 16 1/2" | 17 1/2" |
| 14" | 1 | 16 3/4" | 17 3/4" | 14" | 1 | 16 3/4" | 17 3/4" |
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| 14 3/4" | 1 | 17 1/2" | 18 1/2" | 14 3/4" | 1 | 17 1/2" | 18 1/2" |
| 15" | 1 | 17 3/4" | 18 3/4" | 15" | 1 | 17 3/4" | 18 3/4" |
| 15 1/4" | 1 | 18" | 19" | 15 1/4" | 1 | 18" | 19" |
| 15 1/2" | 1 | 18 1/4" | 19 1/4" | 15 1/2" | 1 | 18 1/4" | 19 1/4" |
| 15 3/4" | 1 | 18 1/2" | 19 1/2" | 15 3/4" | 1 | 18 1/2" | 19 1/2" |
| 16" | 1 | 18 3/4" | 19 3/4" | 16" | 1 | 18 3/4" | 19 3/4" |
| 16 1/4" | 1 | 19" | 20" | 16 1/4" | 1 | 19" | 20" |
| 16 1/2" | 1 | 19 1/4" | 20 1/4" | 16 1/2" | 1 | 19 1/4" | 20 1/4" |
| 16 3/4" | 1 | 19 1/2" | 20 1/2" | 16 3/4" | 1 | 19 1/2" | 20 1/2" |
| 17" | 1 | 19 3/4" | 20 3/4" | 17" | 1 | 19 3/4" | 20 3/4" |
| 17 1/4" | 1 | 20" | 21" | 17 1/4" | 1 | 20" | 21" |
| 17 1/2" | 1 | 20 1/4" | 21 1/4" | 17 1/2" | 1 | 20 1/4" | 21 1/4" |
| 17 3/4" | 1 | 20 1/2" | 21 1/2" | 17 3/4" | 1 | 20 1/2" | 21 1/2" |
| 18" | 1 | 20 3/4" | 21 3/4" | 18" | 1 | 20 3/4" | 21 3/4" |
| 18 1/4" | 1 | 21" | 22" | 18 1/4" | 1 | 21" | 22" |
| 18 1/2" | 1 | 21 1/4" | 22 1/4" | 18 1/2" | 1 | 21 1/4" | 22 1/4" |
| 18 3/4" | 1 | 21 1/2" | 22 1/2" | 18 3/4" | 1 | 21 1/2" | 22 1/2" |
| 19" | 1 | 21 3/4" | 22 3/4" | 19" | 1 | 21 3/4" | 22 3/4" |
| 19 1/4" | 1 | 22" | 23" | 19 1/4" | 1 | 22" | 23" |
| 19 1/2" | 1 | 22 1/4" | 23 1/4" | 19 1/2" | 1 | 22 1/4" | 23 1/4" |
| 19 3/4" | 1 | 22 1/2" | 23 1/2" | 19 3/4" | 1 | 22 1/2" | 23 1/2" |
| 20" | 1 | 22 3/4" | 23 3/4" | 20" | 1 | 22 3/4" | 23 3/4" |
| 20 1/4" | 1 | 23" | 24" | 20 1/4" | 1 | 23" | 24" |
| 20 1/2" | 1 | 23 1/4" | 24 1/4" | 20 1/2" | 1 | 23 1/4" | 24 1/4" |
| 20 3/4" | 1 | 23 1/2" | 24 1/2" | 20 3/4" | 1 | 23 1/2" | 24 1/2" |
| 21" | 1 | 23 3/4" | 24 3/4" | 21" | 1 | 23 3/4" | 24 3/4" |
| 21 1/4" | 1 | 24" | 25" | 21 1/4" | 1 | 24" | 25" |
| 21 1/2" | 1 | 24 1/4" | 25 1/4" | 21 1/2" | 1 | 24 1/4" | 25 1/4" |
| 21 3/4" | 1 | 24 1/2" | 25 1/2" | 21 3/4" | 1 | 24 1/2" | 25 1/2" |
| 22" | 1 | 24 3/4" | 25 3/4" | 22" | 1 | 24 3/4" | 25 3/4" |
| 22 1/4" | 1 | 25" | 26" | 22 1/4" | 1 | 25" | 26" |
| 22 1/2" | 1 | 25 1/4" | 26 1/4" | 22 1/2" | 1 | 25 1/4" | 26 1/4" |
| 22 3/4" | 1 | 25 1/2" | 26 1/2" | 22 3/4" | 1 | 25 1/2" | 26 1/2" |
| 23" | 1 | 25 3/4" | 26 3/4" | 23" | 1 | 25 3/4" | 26 3/4" |
| 23 1/4" | 1 | 26" | 27" | 23 1/4" | 1 | 26" | 27" |
| 23 1/2" | 1 | 26 1/4" | 27 1/4" | 23 1/2" | 1 | 26 1/4" | 27 1/4" |
| 23 3/4" | 1 | 26 1/2" | 27 1/2" | 23 3/4" | 1 | 26 1/2" | 27 1/2" |
| 24" | 1 | 26 3/4" | 27 3/4" | 24" | 1 | 26 3/4" | 27 3/4" |
| 24 1/4" | 1 | 27" | 28" | 24 1/4" | 1 | 27" | 28" |
| 24 1/2" | 1 | 27 1/4" | 28 1/4" | 24 1/2" | 1 | 27 1/4" | 28 1/4" |
| 24 3/4" | 1 | 27 1/2" | 28 1/2" | 24 3/4" | 1 | 27 1/2" | 28 1/2" |
| 25" | 1 | 27 3/4" | 28 3/4" | 25" | 1 | 27 3/4" | 28 3/4" |
| 25 1/4" | 1 | 28" | 29" | 25 1/4" | 1 | 28" | 29" |
| 25 1/2" | 1 | 28 1/4" | 29 1/4" | 25 1/2" | 1 | 28 1/4" | 29 1/4" |
| 25 3/4" | 1 | 28 1/2" | 29 1/2" | 25 3/4" | 1 | 28 1/2" | 29 1/2" |
| 26" | 1 | 28 3/4" | 29 3/4" | 26" | 1 | 28 3/4" | 29 3/4" |
| 26 1/4" | 1 | 29" | 30" | 26 1/4" | 1 | 29" | 30" |
| 26 1/2" | 1 | 29 1/4" | 30 1/4" | 26 1/2" | 1 | 29 1/4" | 30 1/4" |
| 26 3/4" | 1 | 29 1/2" | 30 1/2" | 26 3/4" | 1 | 29 1/2" | 30 1/2" |
| 27" | 1 | 29 3/4" | 30 3/4" | 27" | 1 | 29 3/4" | 30 3/4" |
| 27 1/4" | 1 | 30" | 31" | 27 1/4" | 1 | 30" | 31" |
| 27 1/2" | 1 | 30 1/4" | 31 1/4" | 27 1/2" | 1 | 30 1/4" | 31 1/4" |
| 27 3/4" | 1 | 30 1/2" | 31 1/2" | 27 3/4" | 1 | 30 1/2" | 31 1/2" |
| 28" | 1 | 30 3/4" | 31 3/4" | 28" | 1 | 30 3/4" | 31 3/4" |
| 28 1/4" | 1 | 31" | 32" | 28 1/4" | 1 | 31" | 32" |
| 28 1/2" | 1 | 31 1/4" | 32 1/4" | 28 1/2" | 1 | 31 1/4" | 32 1/4" |
| 28 3/4" | 1 | 31 1/2" | 32 1/2" | 28 3/4" | 1 | 31 1/2" | 32 1/2" |
| 29" | 1 | 31 3/4" | 32 3/4" | 29" | 1 | 31 3/4" | 32 3/4" |
| 29 1/4" | 1 | 32" | 33" | 29 1/4" | 1 | 32" | 33" |
| 29 1/2" | 1 | 32 1/4" | 33 1/4" | 29 1/2" | 1 | 32 1/4" | 33 1/4" |
| 29 3/4" | 1 | 32 1/2" | 33 1/2" | 29 3/4" | 1 | 32 1/2" | 33 1/2" |
| 30" | 1 | 32 3/4" | 33 3/4" | 30" | 1 | 32 3/4" | 33 3/4" |
| 30 1/4" | 1 | 33" | 34" | 30 1/4" | 1 | 33" | 34" |
| 30 1/2" | 1 | 33 1/4" | 34 1/4" | 30 1/2" | 1 | 33 1/4" | 34 1/4" |
| 30 3/4" | 1 | 33 1/2" | 34 1/2" | 30 3/4" | 1 | 33 1/2" | 34 1/2" |
| 31" | 1 | 33 3/4" | 34 3/4" | 31" | 1 | 33 3/4" | 34 3/4" |
| 31 1/4" | 1 | 34" | 35" | 31 1/4" | 1 | 34" | 35" |
| 31 1/2" | 1 | 34 1/4" | 35 1/4" | 31 1/2" | 1 | 34 1/4" | 35 1/4" |
| 31 3/4" | 1 | 34 1/2" | 35 1/2" | 31 3/4" | 1 | 34 1/2" | 35 1/2" |
| 32" | 1 | 34 3/4" | 35 3/4" | 32" | 1 | 34 3/4" | 35 3/4" |
| 32 1/4" | 1 | 35" | 36" | 32 1/4" | 1 | 35" | 36" |
| 32 1/2" | 1 | 35 1/4" | 36 1/4" | 32 1/2" | 1 | 35 1/4" | 36 1/4" |
| 32 3/4" | 1 | 35 1/2" | 36 1/2" | 32 3/4" | 1 | 35 1/2" | 36 1/2" |
| 33" | 1 | 35 3/4" | 36 3/4" | 33" | 1 | 35 3/4" | 36 3/4" |
| 33 1/4" | 1 | 36" | 37" | 33 1/4" | 1 | 36" | 37" |
| 33 1/2" | 1 | 36 1/4" | 37 1/4" | 33 1/2" | 1 | 36 1/4" | 37 1/4" |
| 33 3/4" | 1 | 36 1/2" | 37 1/2" | 33 3/4" | 1 | 36 1/2" | 37 1/2" |
| 34" | 1 | 36 3/4" | 37 3/4" | 34" | 1 | 36 3/4" | 37 3/4" |
| 34 1/4" | 1 | 37" | 38" | 34 1/4" | 1 | 37" | 38" |
| 34 1/2" | 1 | 37 1/4" | 38 1/4" | 34 1/2" | 1 | 37 1/4" | 38 1/4" |
| 34 3/4" | 1 | 37 1/2" | 38 1/2" | 34 3/4" | 1 | 37 1/2" | 38 1/2" |
| 35" | 1 | 37 3/4" | 38 3/4" | 35" | 1 | 37 3/4" | 38 3/4" |
| 35 1/4" | 1 | 38" | 39" | 35 1/4" | 1 | 38" | 39" |
| 35 1/2" | 1 | 38 1/4" | 39 1/4" | 35 1/2" | 1 | 38 1/4" | 39 1/4" |
| 35 3/4" | 1 | 38 1/2" | 39 1/2" | 35 3/4" | 1 | 38 1/2" | 39 1/2" |
| 36" | 1 | 38 3/4" | 39 3/4" | 36" | 1 | 38 3/4" | 39 3/4" |
| 36 1/4" | 1 | 39" | 40" | 36 1/4" | 1 | 39" | 40" |
| 36 1/2" | 1 | 39 1/4" | 40 1/4" | 36 1/2" | 1 | 39 1/4" | 40 1/4" |
| 36 3/4" | 1 | 39 1/2" | 40 1/2" | 36 3/4" | 1 | 39 1/2" | 40 1/2" |
| 37" | 1 | 39 3/4" | 40 3/4" | 37" | 1 | 39 3/4" | 40 3/4" |
| 37 1/4" | 1 | 40" | 41" | 37 1/4" | 1 | 40" | 41" |
| 37 1/2" | 1 | 40 1/4" | 41 1/4" | 37 1/2" | 1 | 40 1/4" | 41 1/4" |
| 37 3/4" | 1 | 40 1/2" | 41 1/2" | 37 3/4" | 1 | 40 1/2" | 41 1/2" |
| 38" | 1 | 40 3/4" | 41 3/4" | 38" | 1 | 40 3/4" | 41 3/4" |
| 38 1/4" | 1 | 41" | 42" | 38 1/4" | 1 | 41" | 42" |
| 38 1/2" | 1 | 41 1/4" | 42 1/4" | 38 1/2" | 1 | 41 1/4" | 42 1/4" |
| 38 3/4" | 1 | 41 1/2" | 42 1/2" | 38 3/4" | 1 | 41 1/2" | 42 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|



① Gauge root before welding second side.
* In shop preparation of these joints, root opening may vary from 0 to 1/16 in. and root face may vary from 1/16 in. to 0.



| TOTAL | | MATERIAL | | FINISH | | SHIPPING | | SHIPPING | | REMARKS | | ORDERED | | CALCULATED | |
|-------|------|----------|--------|--------|--------|----------|--------|----------|--------|---------|--------|---------|--------|------------|--------|
| NO. | QTY. | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF |
| NO. | QTY. | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF |
| 1 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 2 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 3 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 4 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 5 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 6 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 7 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 8 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 9 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 10 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 11 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 12 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 13 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 14 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 15 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 16 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 17 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 18 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 19 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 20 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 21 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 22 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 23 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 24 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 25 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 26 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 27 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 28 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 29 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 30 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 31 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 32 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 33 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 34 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 35 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 36 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 37 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 38 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 39 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 40 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 41 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 42 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 43 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 44 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 45 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 46 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 47 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 48 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 49 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 50 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 51 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 52 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 53 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 54 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 55 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 56 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 57 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 58 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 59 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 60 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 61 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |
| 62 | 4 | PL | 8 | 2 | 1 | 4 | FIS | ISFI | | | | | | | |

HOLES AS NOTED
ALL MATERIAL A36
FOR GENERAL NOTES SEE P1
PAINT: YES (SEE NOTE A) UNLESS NOTED
SHOP CONTACT SURFACES: No

FIXED AND EXPANSION SHOES
STATE OF MAINE
BEEDLE ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGADAHO COUNTY

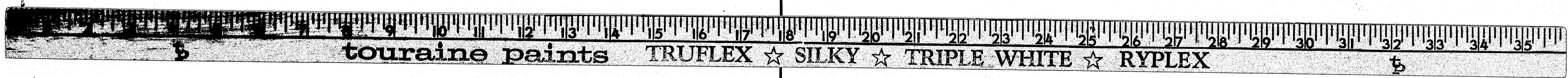
U.S. American Bridge
Division of United States Steel Corporation
FABRICATION ASSIGNED TO: ELMIRA
DRAWING MADE BY: ELMIRA
MADE BY: HF DATE: 4/75 CHECKED BY: L.J.H. DATE: 4-24-75
IN CHARGE OF: G. UROTHERMEL

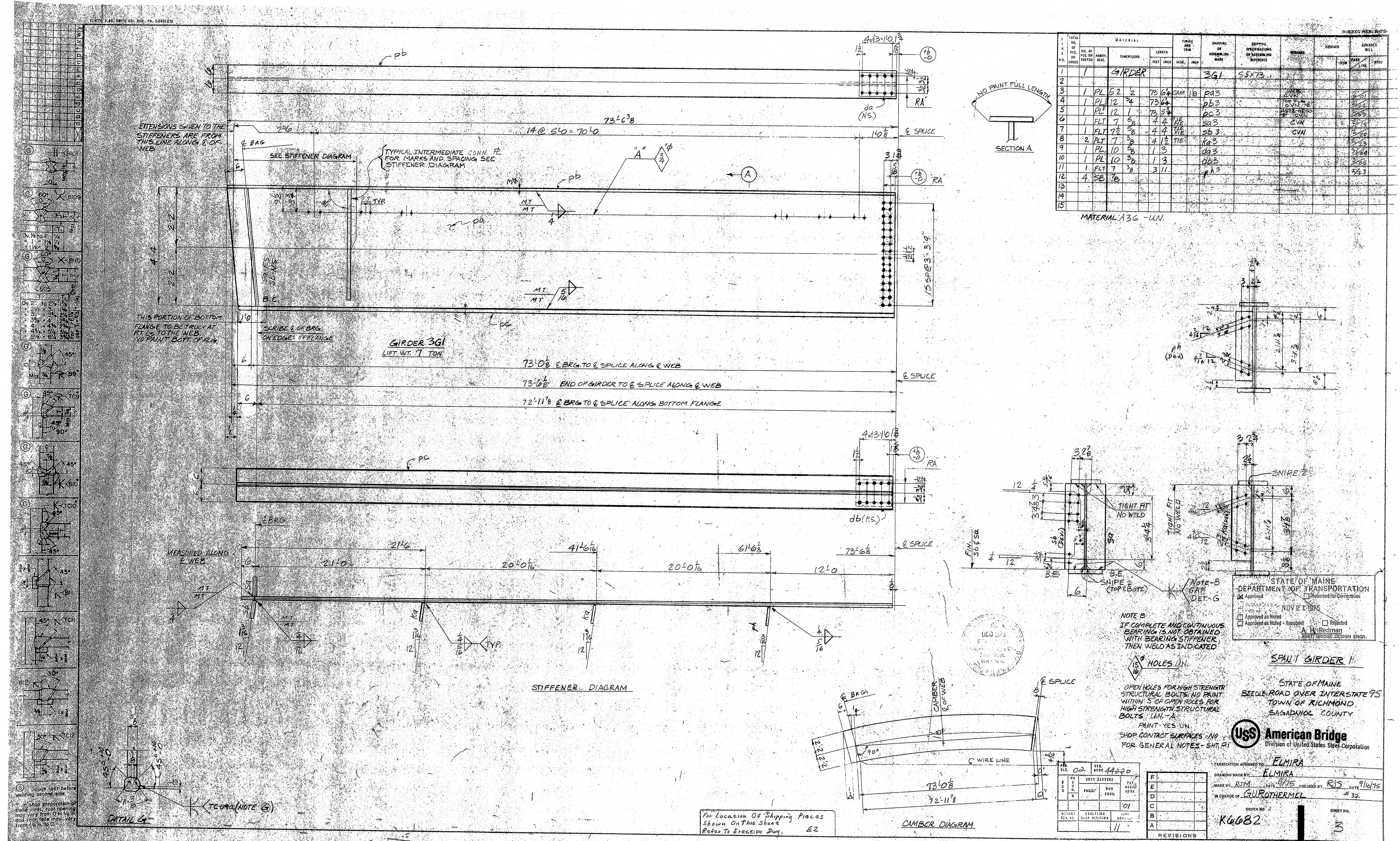
FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO SECTION PLANS
E1

ORDER NO. K6682
SHEET NO. 1

ULTRASONIC ☐ RADIOGRAPHIC ☐ MAGNETIC PARTICLE ☒

145-15



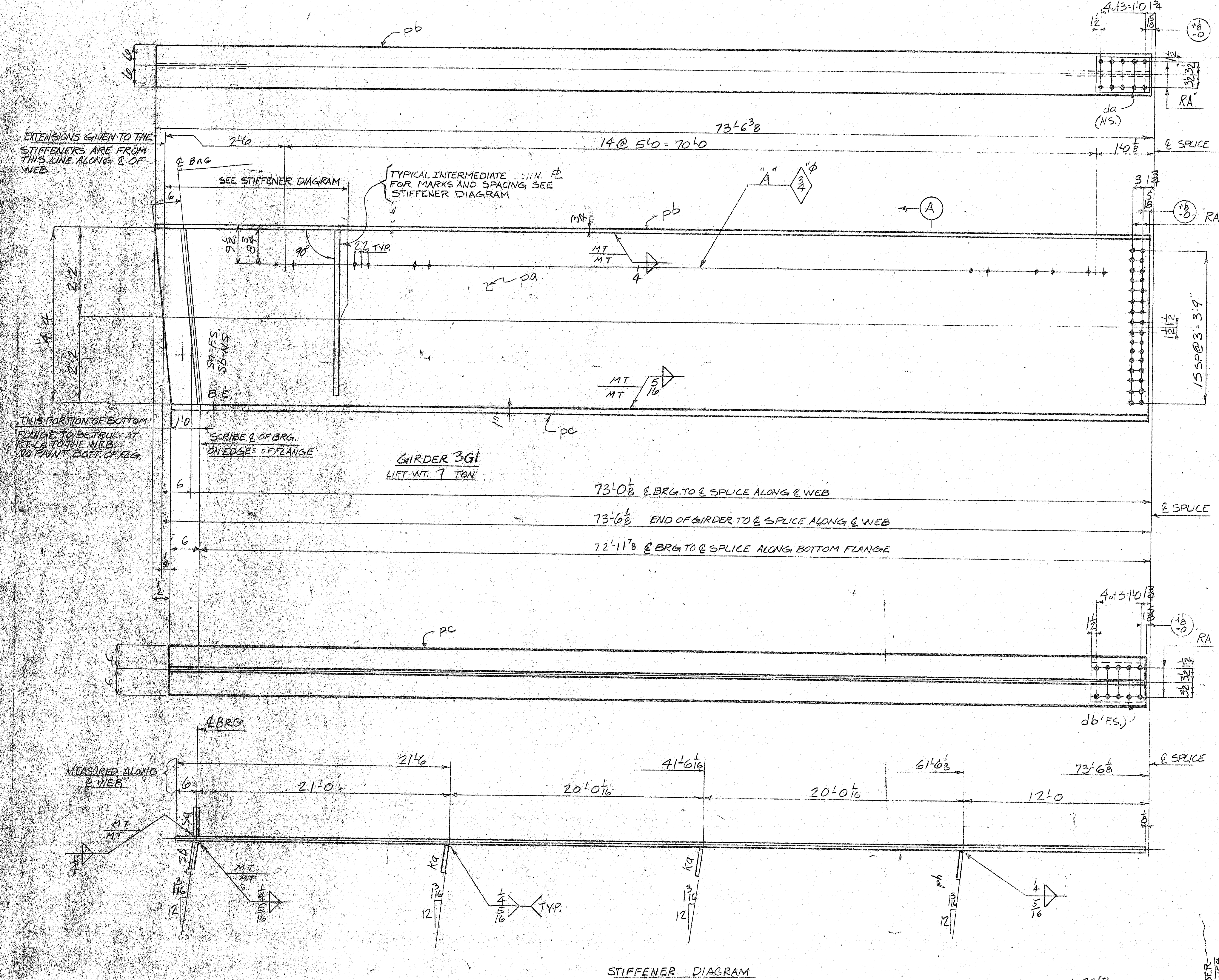


2 WITH A.B. SHIPP CO. INC. PA. 2480572

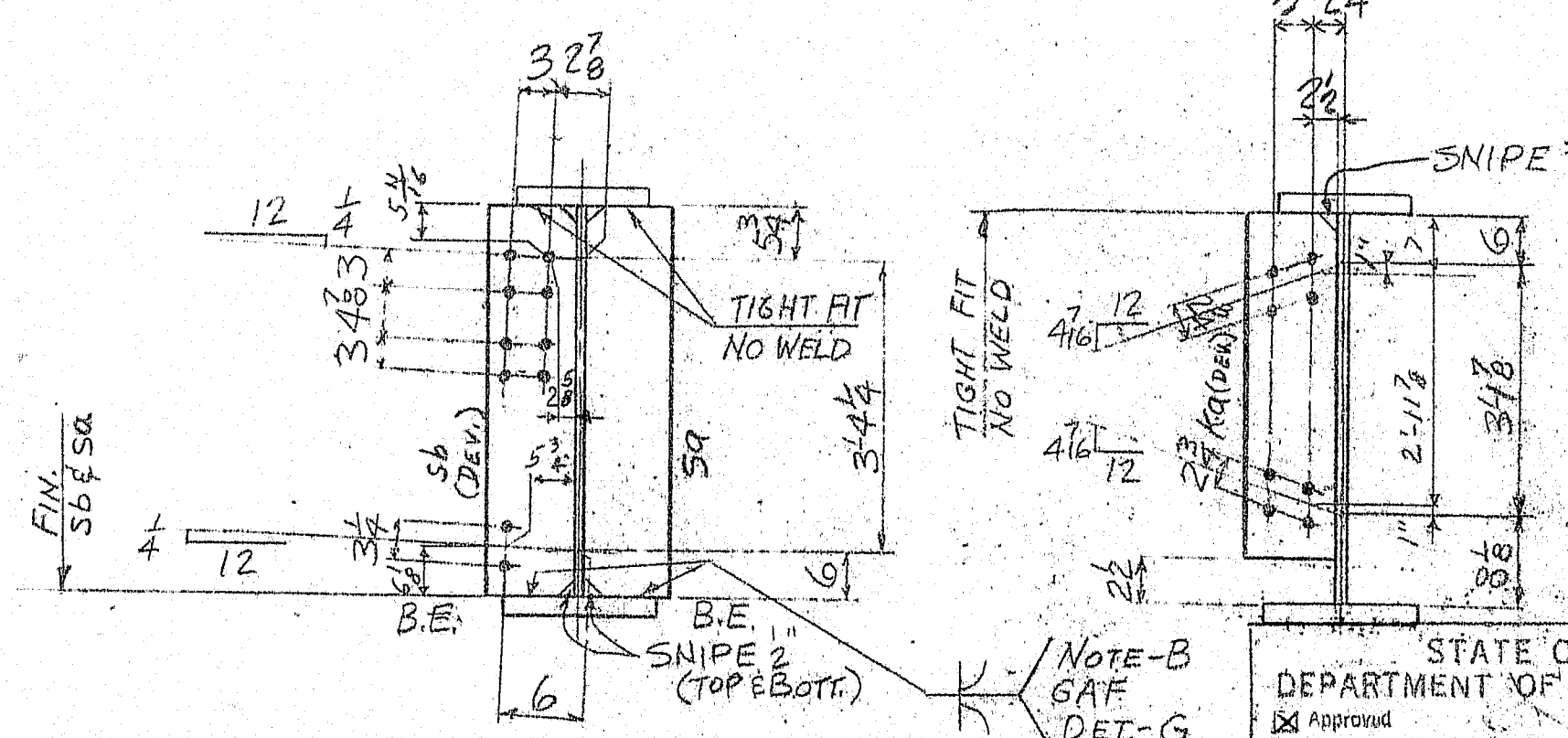
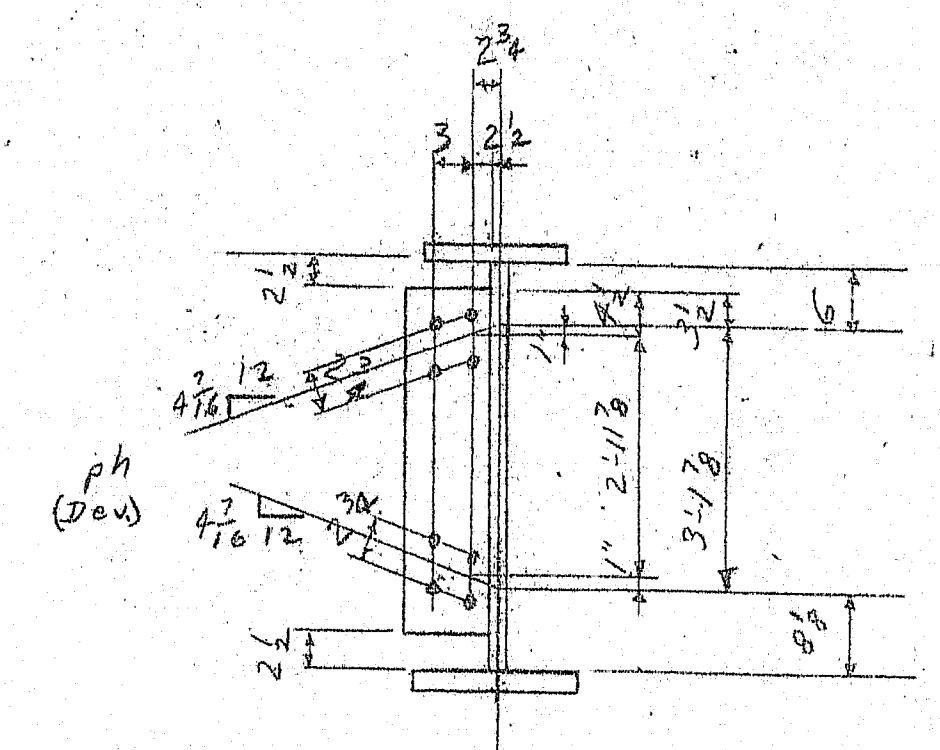
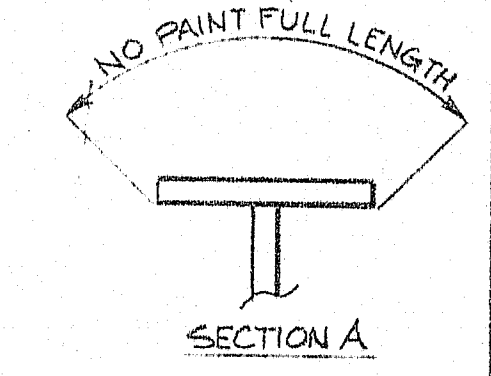
D-83-XC REM. B70

| TOTAL | | MATERIAL | | FINISH | | SHIPPING | | SHIPPING | | REMARKS | | REMARKS | | REMARKS | |
|-------|------|----------|------|--------|------|----------|------|----------|------|---------|------|---------|------|---------|------|
| NO. | QTY. | NO. | QTY. | NO. | QTY. | NO. | QTY. | NO. | QTY. | NO. | QTY. | NO. | QTY. | NO. | QTY. |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 1 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 1 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 2 | 8 | 2 | 8 | 2 | 8 | 2 | 8 | 2 | 8 | 2 | 8 | 2 | 8 | 2 |
| 9 | 1 | 9 | 1 | 9 | 1 | 9 | 1 | 9 | 1 | 9 | 1 | 9 | 1 | 9 | 1 |
| 10 | 1 | 10 | 1 | 10 | 1 | 10 | 1 | 10 | 1 | 10 | 1 | 10 | 1 | 10 | 1 |
| 11 | 1 | 11 | 1 | 11 | 1 | 11 | 1 | 11 | 1 | 11 | 1 | 11 | 1 | 11 | 1 |
| 12 | 4 | 12 | 4 | 12 | 4 | 12 | 4 | 12 | 4 | 12 | 4 | 12 | 4 | 12 | 4 |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |

MATERIAL 136 - UN.



STIFFENER DIAGRAM



NOTE B
IF COMPLETE AND CONTINUOUS
BEARING IS NOT OBTAINED
WITH BEARING STIFFENER,
THEN WELD AS INDICATED

15 HOLES UN.

OPEN HOLES FOR HIGH STRENGTH
STRUCTURAL BOLTS, NO PAINT
WITHIN 5" OF OPEN HOLES FOR
HIGH STRENGTH STRUCTURAL
BOLTS UN.-A

PAINT-YES UN.

SHOP CONTACT SURFACES-NO
FOR GENERAL NOTES-SHT. P1

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NOV 21 1975
A. H. Redman
MAINE BRIDGE DESIGN ENGINE

SPALL GIRDER 1

STATE OF MAINE
BEEDE ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGadahoc COUNTY

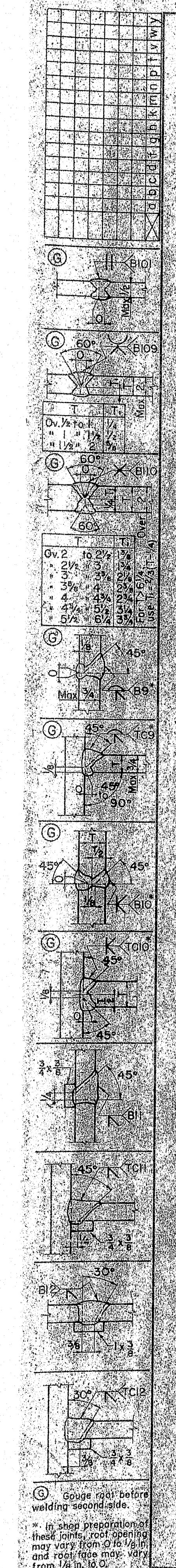
U.S. American Bridge
Division of United States Steel Corporation

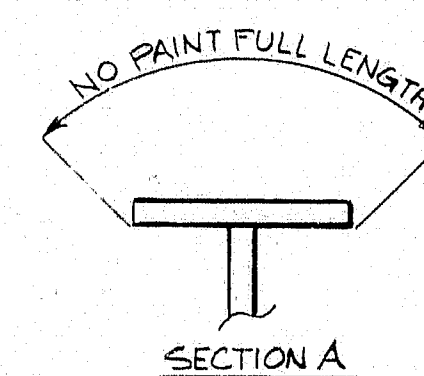
FABRICATION ASSIGNED TO: ELMIRA
DRAWING MADE BY: ELMIRA
MADE BY: RIM DATE: 9/75 CHECKED BY: RIS 9/10/75
IN CHARGE OF: GURTHERMEL # 32
ORDER NO: K6082 SHEET NO: 3

REVISIONS
ULTRASONIC ☐ RADIOGRAPHIC ☐ MAGNETIC PARTICLE ☐

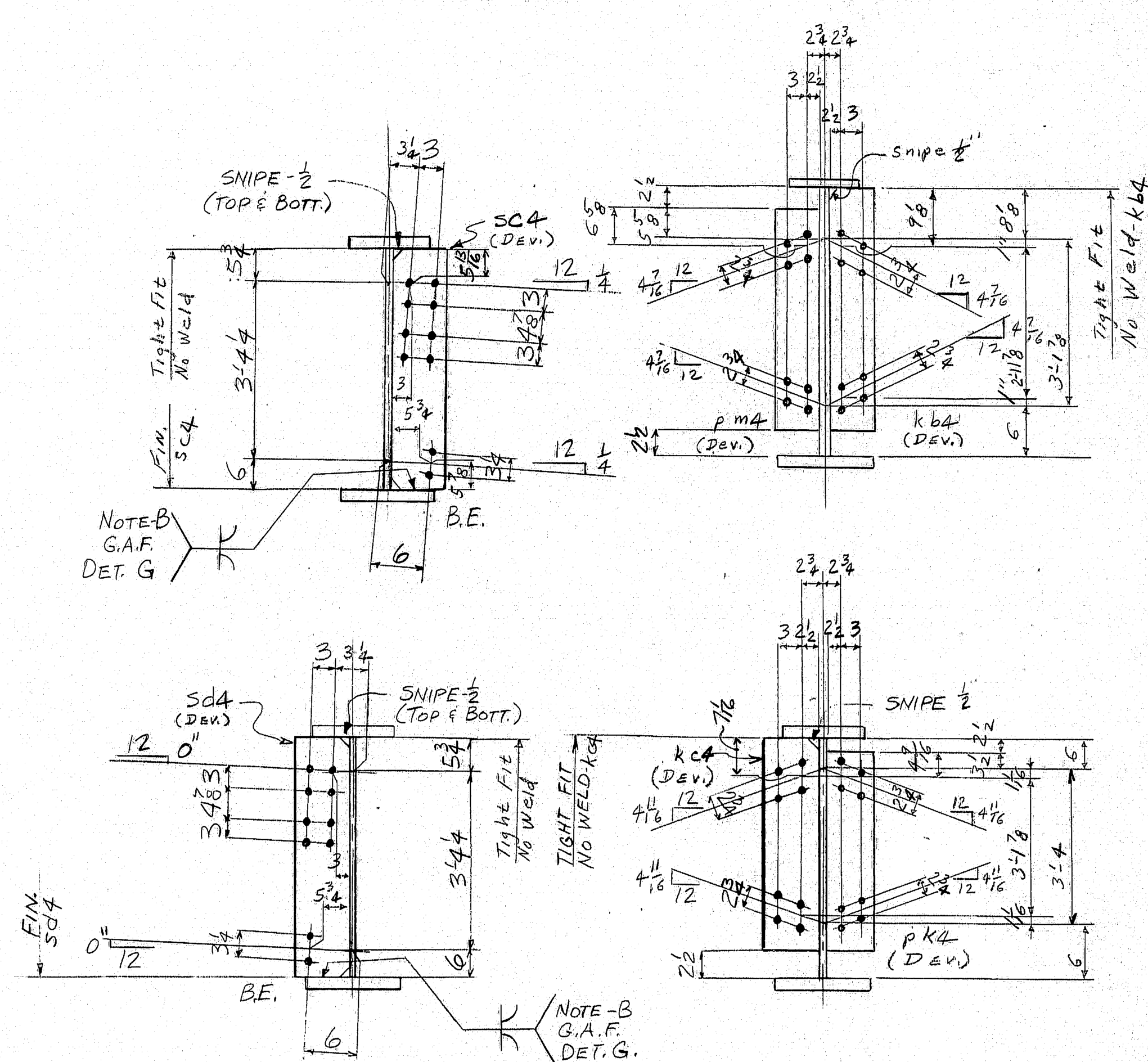
For Location Of Shipping Pieces
Shown On This Sheet
Refer To Erection Dwg. E2

CAMBER DIAGRAM

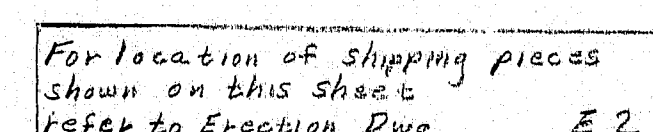




MATERIAL A36 - U.N.



American Bridge
Division of United States Steel Corporation



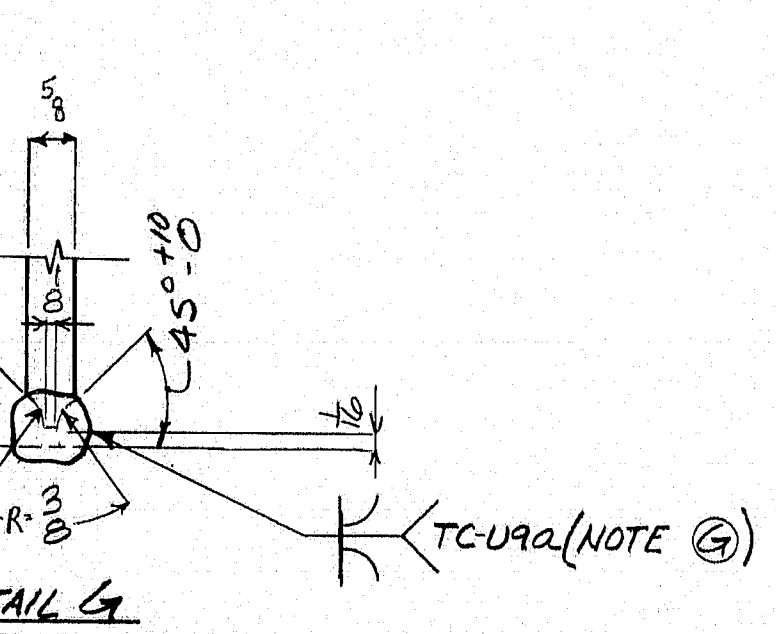
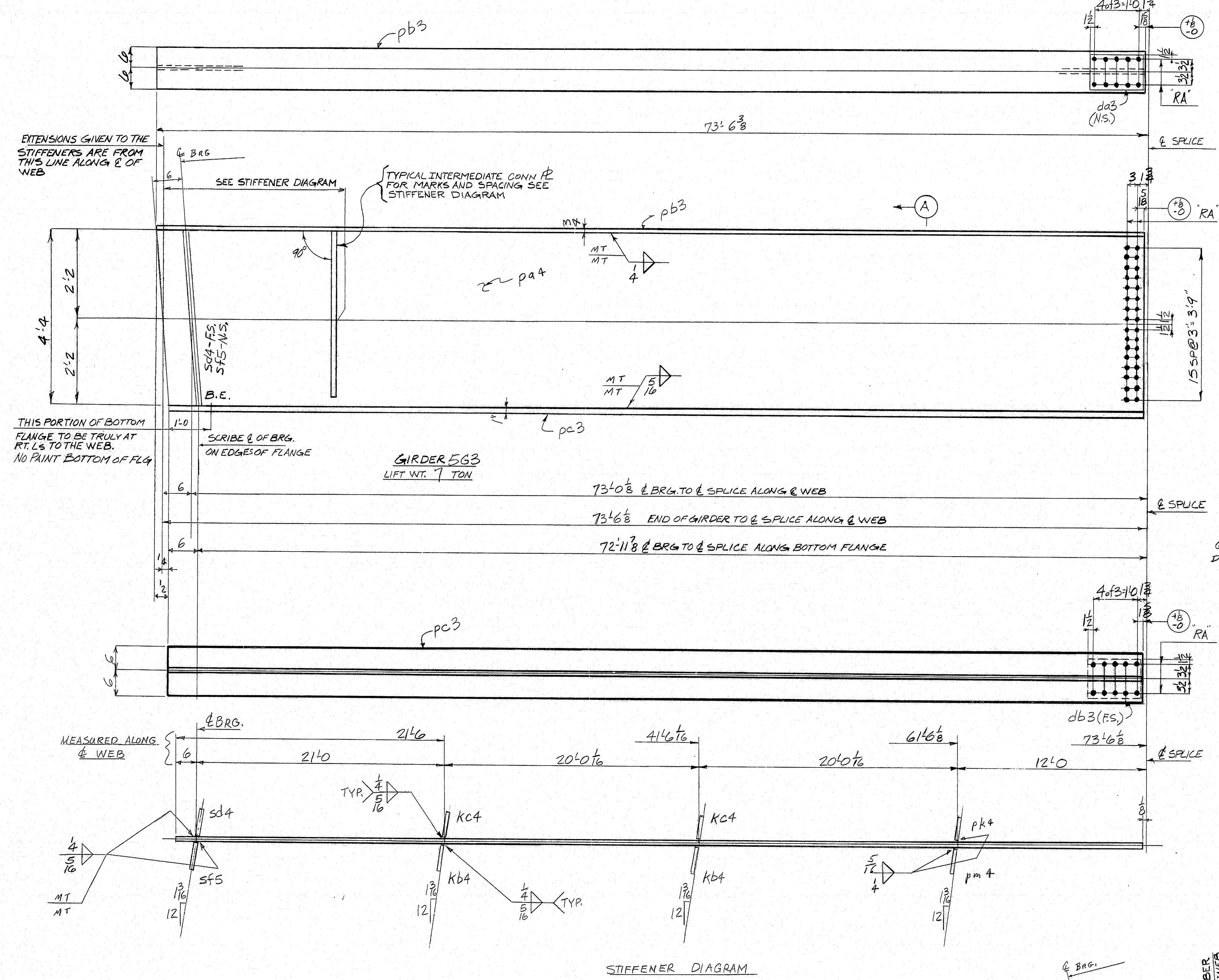
CAMBER DIAGRAM

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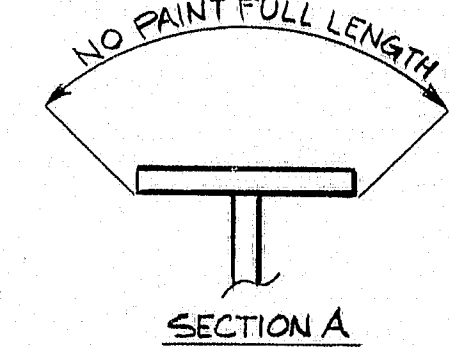
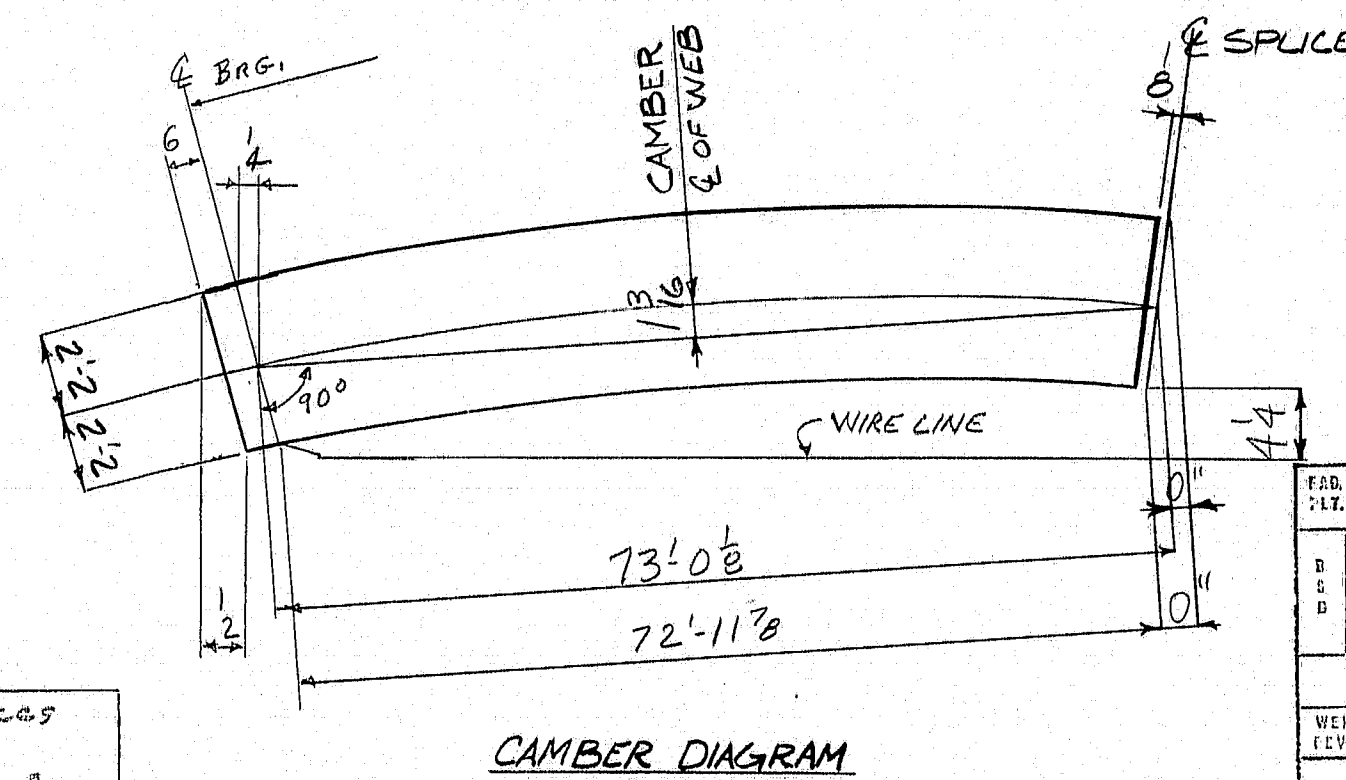
ULTRASONIC ☐ RADIOGRAPHIC ☐ MAGNETIC PARTICLE ☐

| ITEM | QTY | DESCRIPTION | UNIT | AMOUNT | REMARKS | ORDERED | DELIVERED |
|------|-----|-------------|----------|--------|---------|---------|-----------|
| 1 | 1 | GIRDER | 583 | 583 | | | |
| 2 | 1 | PL 12 | 73 6 3/8 | 1 | WEB CUN | | |
| 3 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |
| 4 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |
| 5 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |
| 6 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |
| 7 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |
| 8 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |
| 9 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |
| 10 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |
| 11 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |
| 12 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |
| 13 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |
| 14 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |
| 15 | 1 | PL 12 | 73 6 3/8 | 1 | PC 3 | | |

MATERIAL A36 - U.N.



STIFFENER DIAGRAM



Note-B
G.A.F.
DET.-G

NOTE B
IF COMPLETE AND CONTINUOUS
BEARING IS NOT OBTAINED
WITH BEARING STIFFENER,
THEN WELD AS INDICATED

HOLES

OPEN HOLES FOR HIGH STRENGTH
STRUCTURAL BOLTS. NO PAINT
WITHIN 5' OF OPEN HOLES FOR
HIGH STRENGTH STRUCTURAL
BOLTS.

PAINT-YES UN.
SHOP CONTACT SURFACES-NO
FOR GENERAL NOTES-SHT. P1

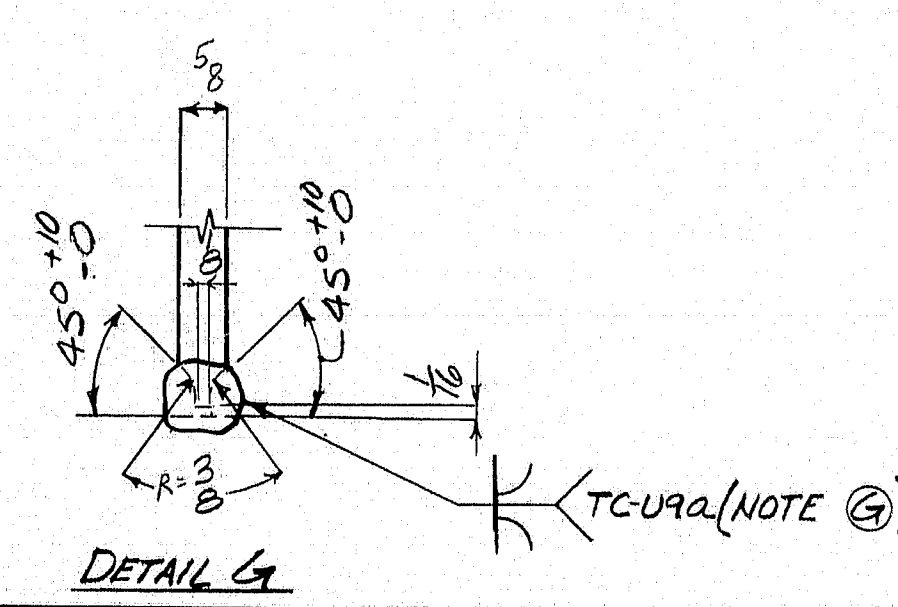
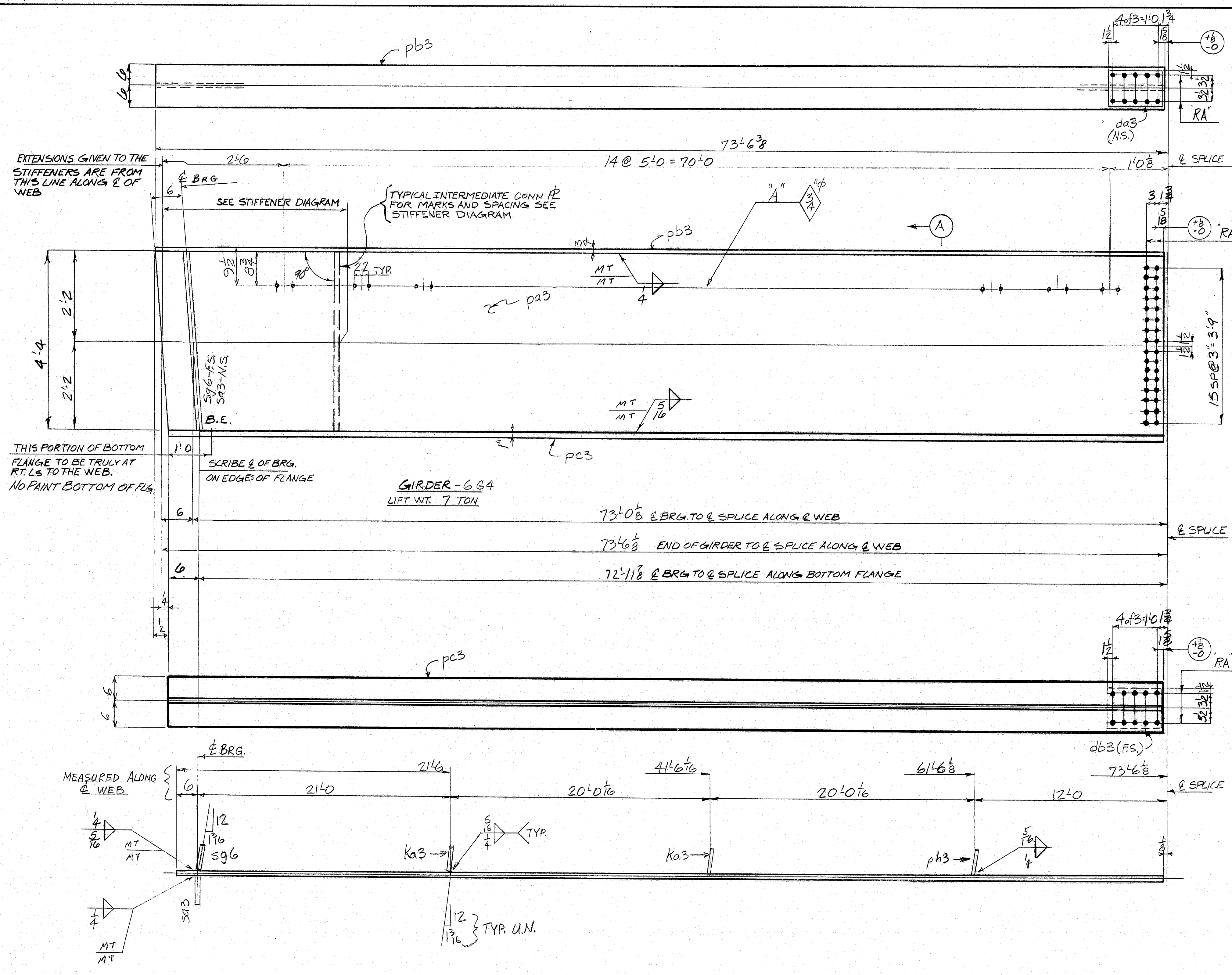
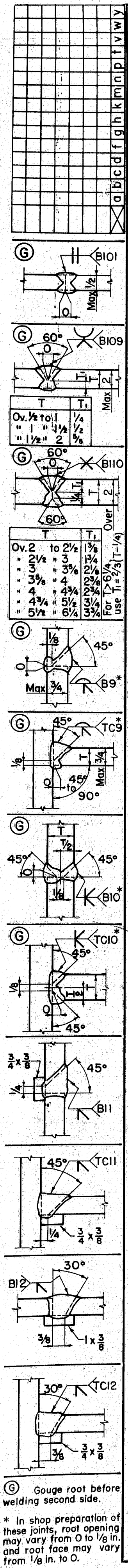
SPAN 1 GIRDER 3

STATE OF MAINE
BEEDE ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGadahoc COUNTY

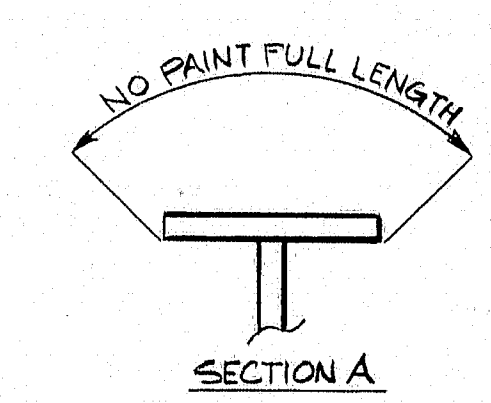
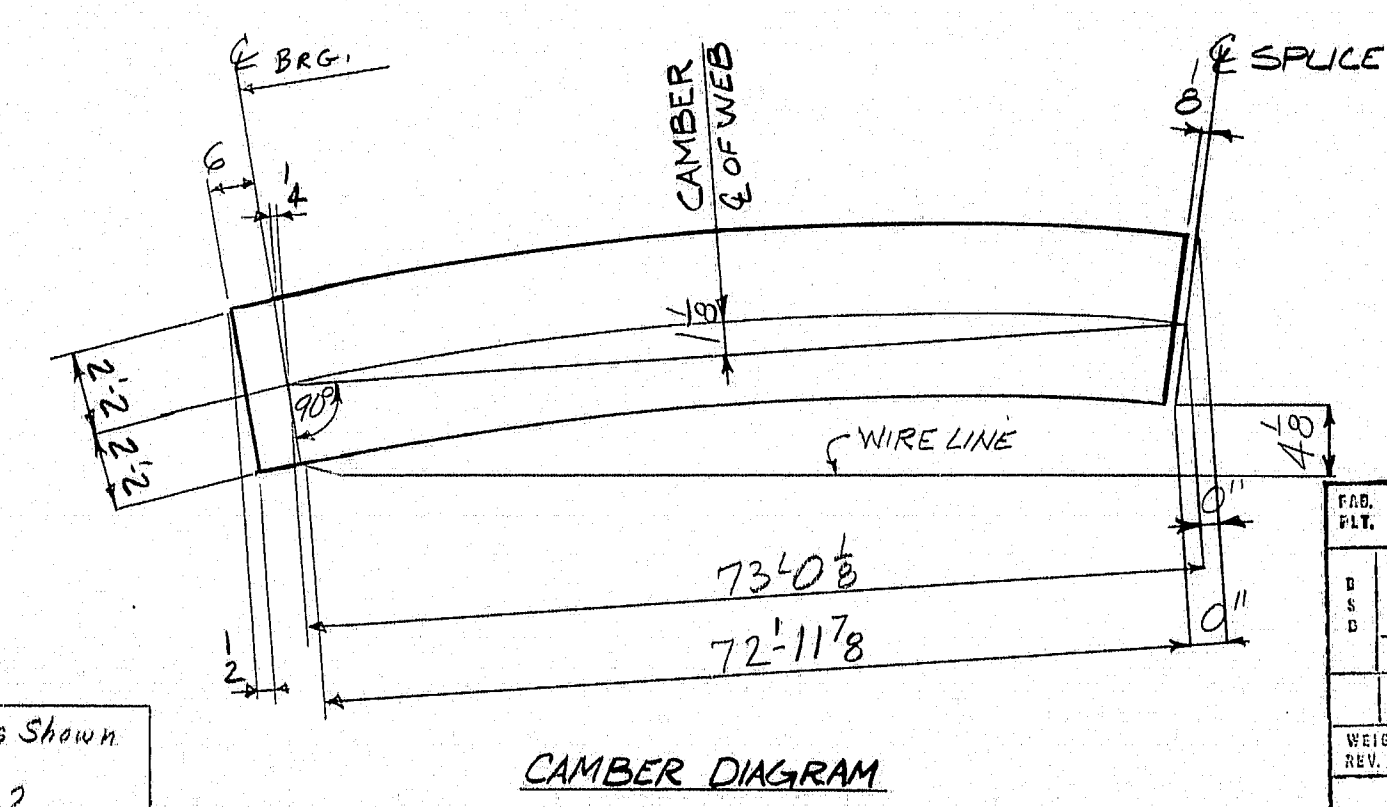
U.S. American Bridge
Division of United States Steel Corporation

| | |
|--|--|
| FABRICATION ASSIGNED TO: ELMIRA | |
| DRAWING MADE BY: ELMIRA | DATE: 8/75 CHECKED BY: RJS DATE: 9/1/75 |
| MADE BY: RJM | IN CHARGE OF: GUROTHEMEL |
| ORDER NO: K6682 | SHEET NO: 5 |

145-19 ULTRASONIC ☐ RADIOGRAPHIC ☐ MAGNETIC PARTICLE ☐

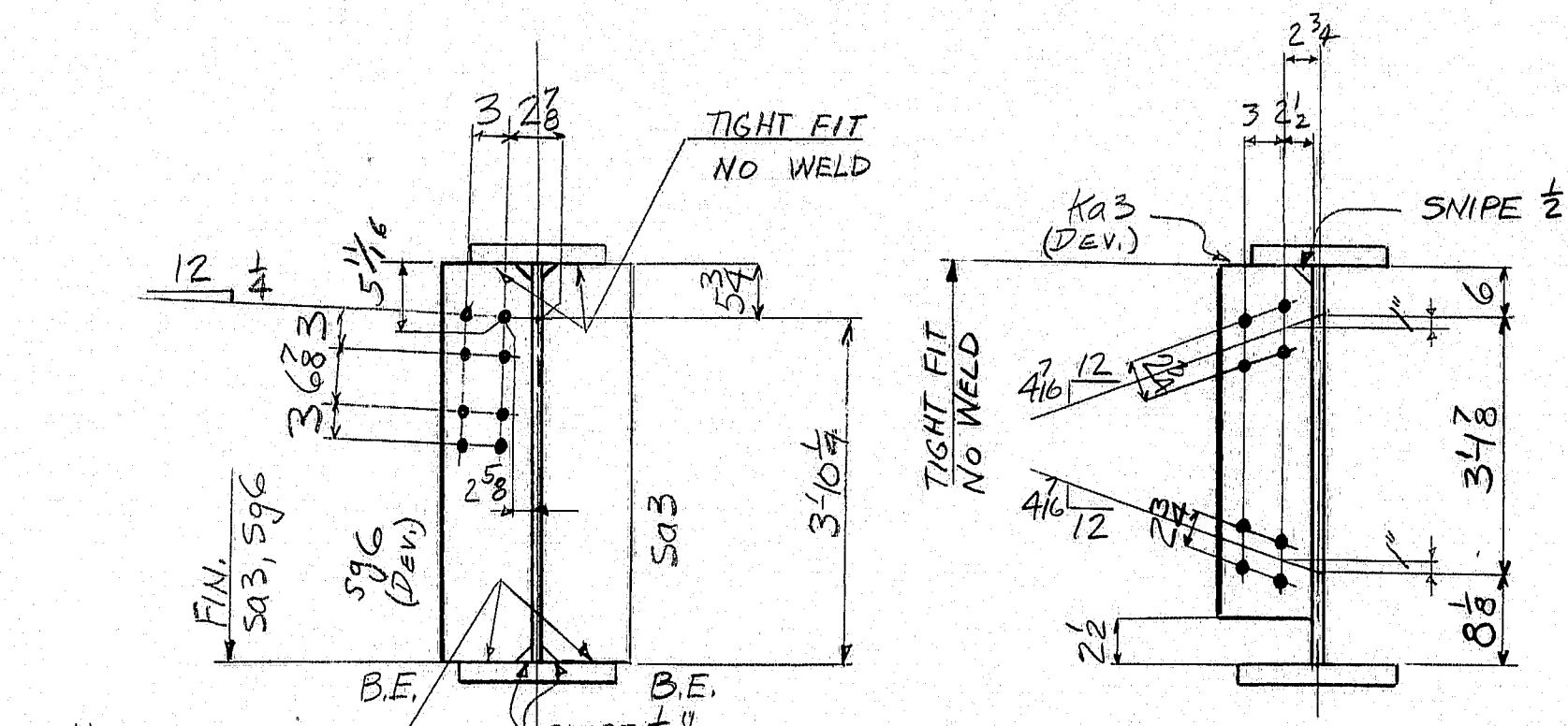
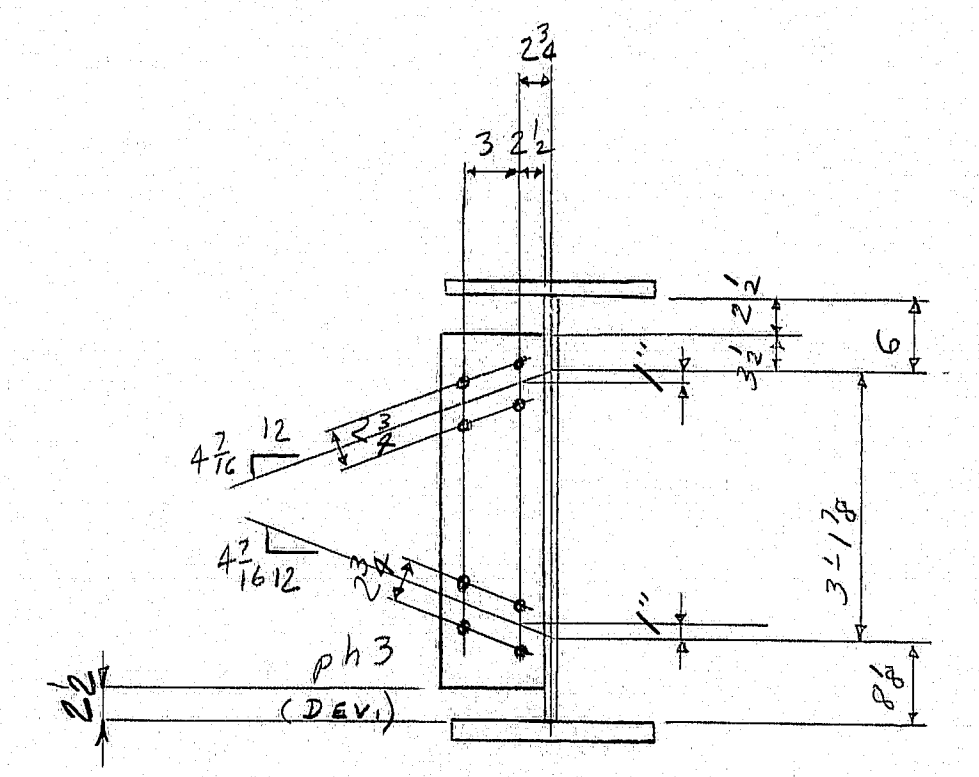


STIFFENER DIAGRAM



| ITEM NO. | QTY. | MATERIAL | DIMENSIONS | LENGTH | FINISH | SHIPPING OR ASSEMBLING MARK | SHIPPING SPECIFICATIONS OR MARKING REFERENCE | REMARKS | ORDERED | | ADVANCE BILL | |
|----------|------|----------|------------|----------|--------|-----------------------------|--|-----------------|---------|------|--------------|-------|
| | | | | | | | | | ITEM | LINE | PAGE | SPEC. |
| 1 | 1 | GIRDER | | | | G64 | 55'x73" | | | | | |
| 2 | 1 | PL 52 | 1/2 | 73'6 1/2 | AM 1/8 | db3 | | WEB CN TOP FLG. | | | 2 | 01 |
| 3 | 1 | PL 12 | 3/4 | 73'6 1/2 | | db3 | | WEB CN TOP FLG. | | | 2 | 02 |
| 4 | 1 | PL 12 | 1 | 73'6 1/2 | | db3 | | WEB CN TOP FLG. | | | 2 | 03 |
| 5 | 1 | FLT 7 | 5/8 | 4'4" | TIE | sa3 | | CVN | | | 2 | 04 |
| 6 | 1 | FLT 7 | 5/8 | 4'4" | TIE | sa3 | | CVN | | | 2 | 05 |
| 7 | 2 | FLT 7 | 5/8 | 4'1 1/2 | TIE | sa3 | | CVN | | | 2 | 06 |
| 8 | 1 | PL 10 | 3/8 | 1'3" | | db3 | | | | | 2 | 07 |
| 9 | 1 | PL 10 | 3/8 | 1'3" | | db3 | | | | | 2 | 08 |
| 10 | 1 | FLT 7 | 5/8 | 3'11" | | ph3 | | | | | 2 | 09 |
| 11 | 4 | SB 1/8 | | | | | | | | | 2 | 10 |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |

MATERIAL A36 - U.N.



NOTE B
IF COMPLETE AND CONTINUOUS BEARING IS NOT OBTAINED WITH BEARING STIFFENER, THEN WELD AS INDICATED

15 HOLES U.N.

OPEN HOLES FOR HIGH STRENGTH STRUCTURAL BOLTS. NO PAINT WITHIN 5' OF OPEN HOLES FOR HIGH STRENGTH STRUCTURAL BOLTS U.N.-A

PAINT-YES U.N.

SHOP CONTACT SURFACES - NO

FOR GENERAL NOTES - SHIP

SPAN 1 GIRDER 4

STATE OF MAINE
BEEDE ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGadahol COUNTY

Uss American Bridge
Division of United States Steel Corporation

FABRICATION ASSIGNED TO: **ELMIRA**

DRAWING MADE BY: **ELMIRA**

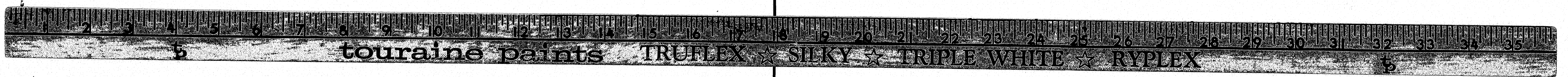
MADE BY: **RJM** DATE: **8/75** CHECKED BY: **RJS** DATE: **9/16/75**

IN CHARGE OF: **GURTHERMEL**

ORDER NO: **K6082** SHEET NO: **6**

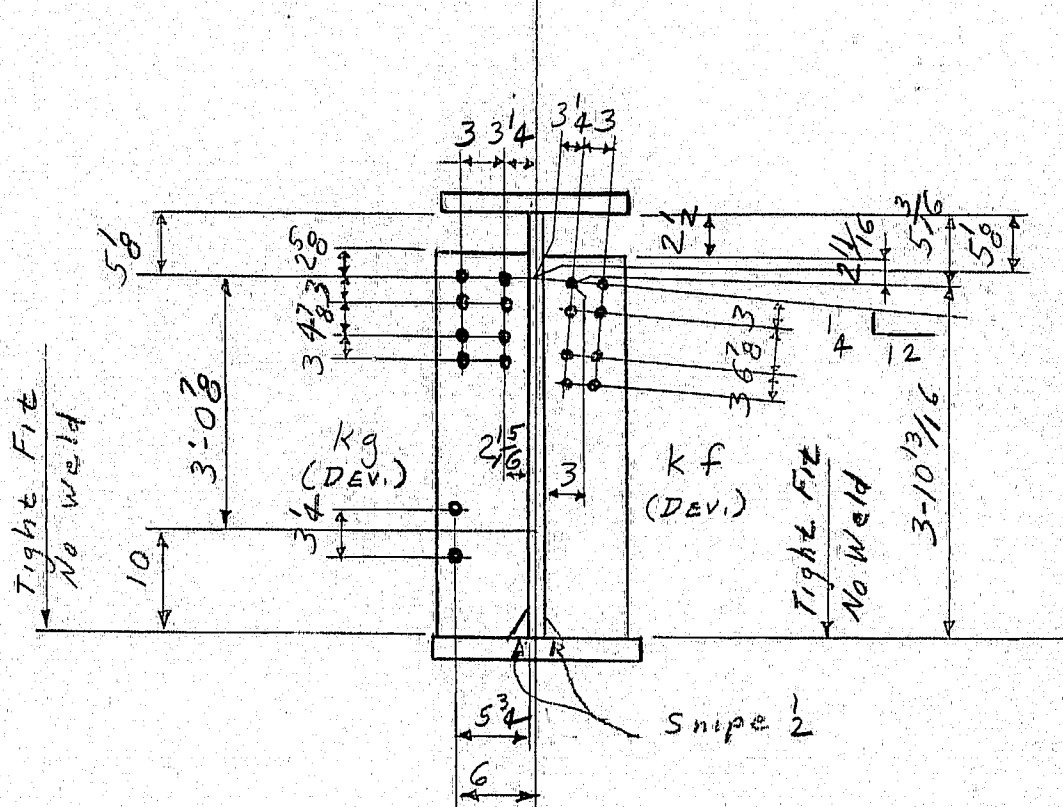
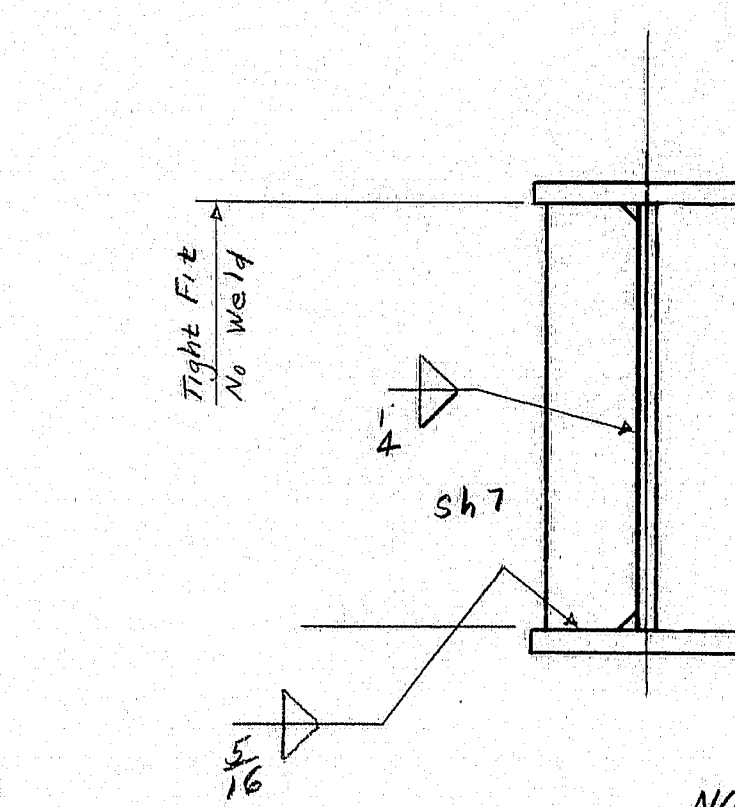
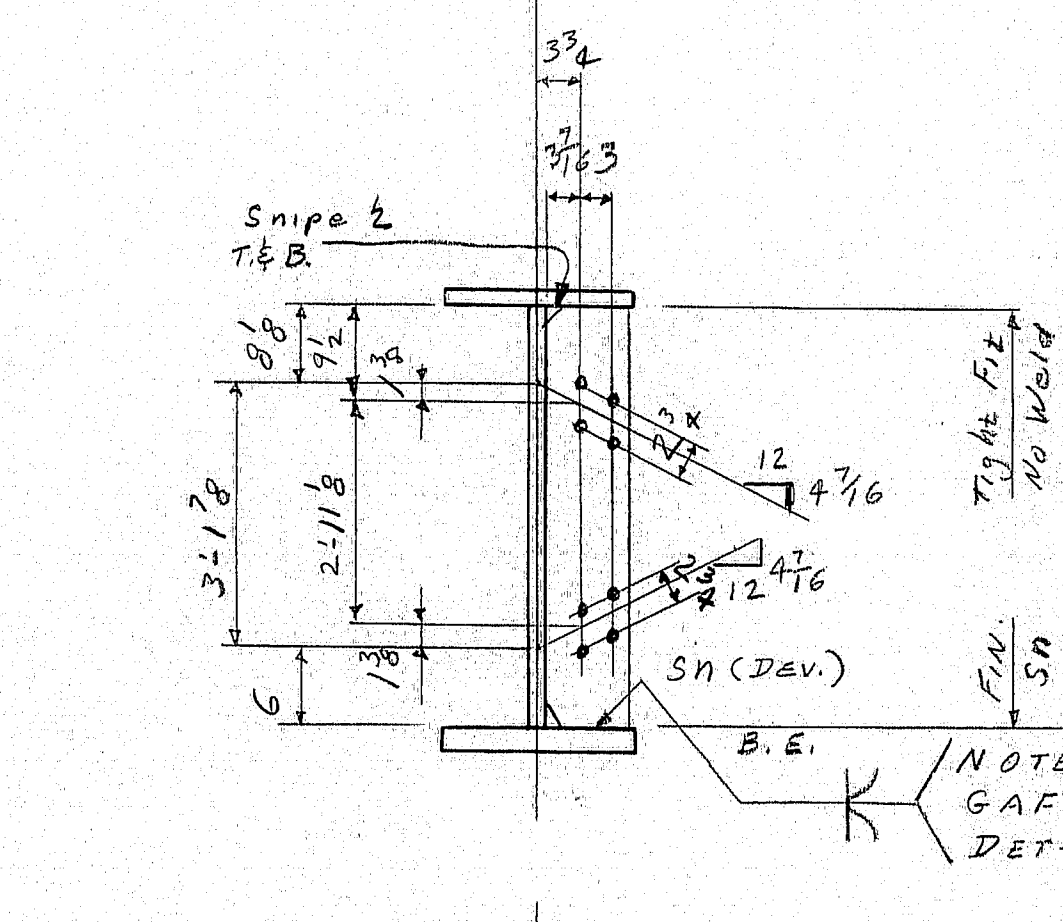
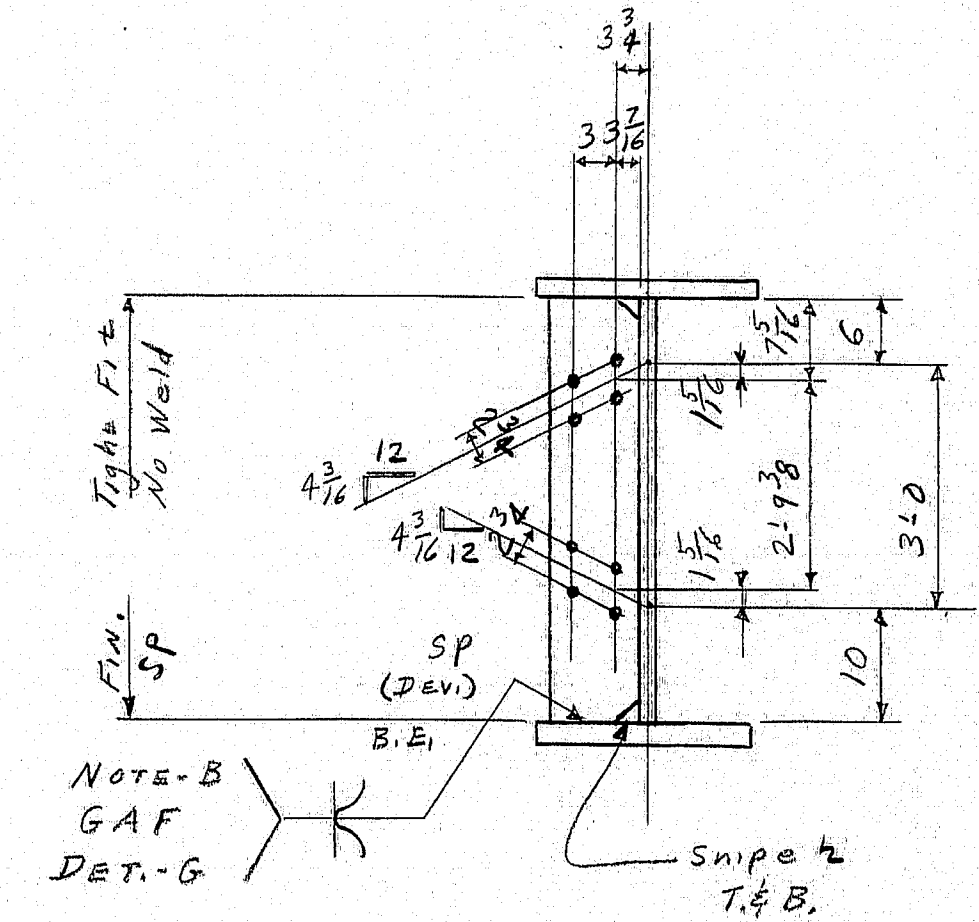
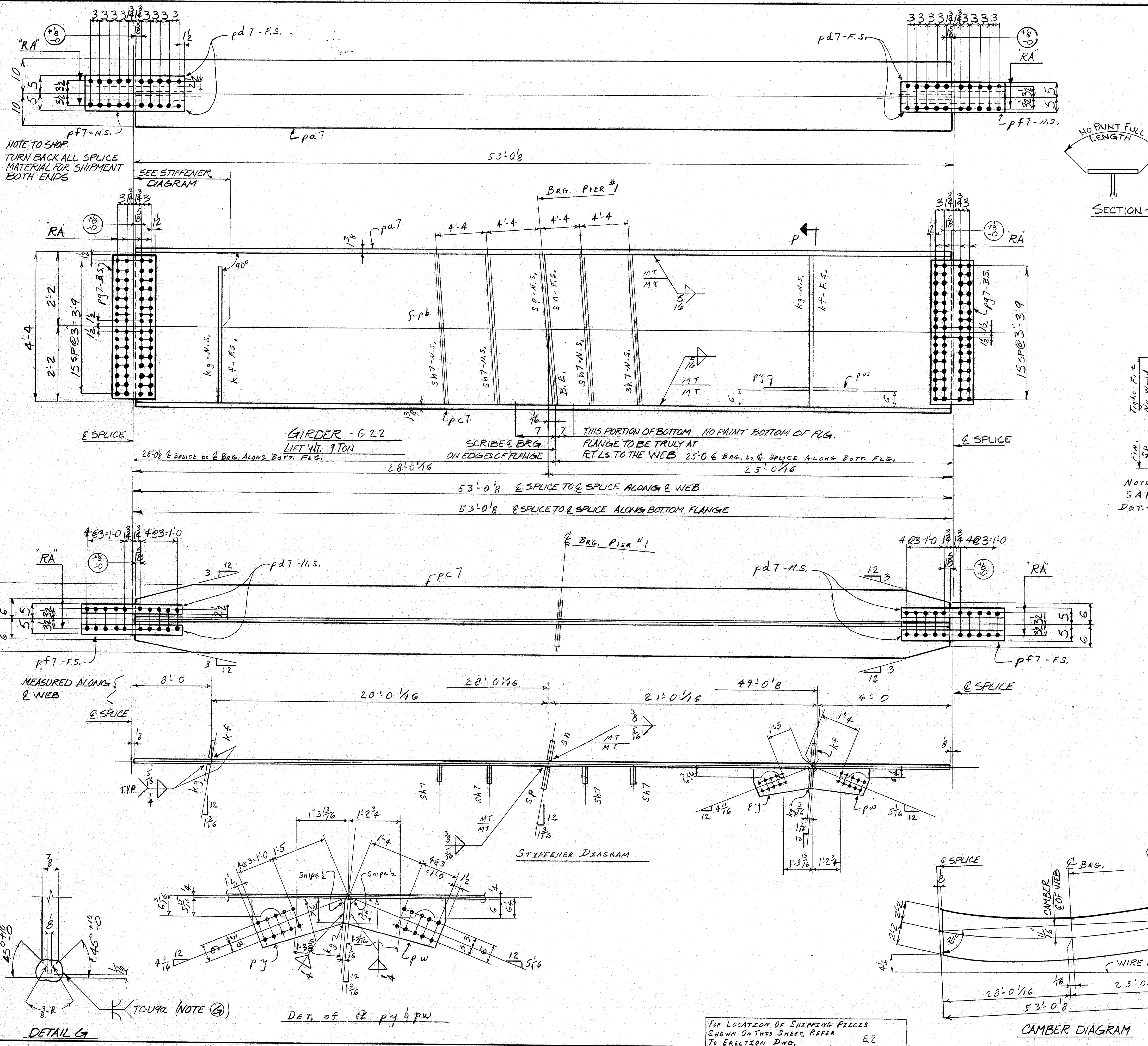
REVISIONS

145-20 ULTRASONIC ☐ RADIOGRAPHIC ☐ MAGNETIC PARTICLE ☒



| ITEM NO. | QTY. | MATERIAL | DIMENSIONS | LENGTH | FINISH | SHIPPING OR ASSEMBLING MARK | SHIPPING SPECIFICATIONS OR ASSEMBLING REFERENCE | REMARKS | ORDERED | PAGE | LINE | SPEC. |
|----------|------|----------|------------|---------|--------|-----------------------------|---|---------|---------|------|------|-------|
| | | | | | | | | | | | | |
| 1 | 1 | GIRDER | | | | 8 G 22 | 55 x 53 | | | | | |
| 2 | 1 | R | 20 1/8 | 52 11/8 | | pa 7 | | | | | | 2/13 |
| 3 | 1 | R | 52 1/8 | 52 11/8 | CM 1/2 | pa 8 | | | | | | 2/12 |
| 4 | 1 | R | 20 1/8 | 52 11/8 | | pc 7 | | | | | | 2/13 |
| 5 | 4 | R | 12 1/2 | 4 0 | | pg 7 | | | | | | 2/11 |
| 6 | 4 | R | 10 1/2 | 2 6 1/2 | | pf 7 | | | | | | 2/10 |
| 7 | 8 | FLT | 4 1/8 | 2 6 1/2 | | pd 7 | | | | | | 2/12 |
| 8 | 2 | FLT | 7 1/2 | 4 1/2 | 1/16 | kg 8 | | | | | | 2/22 |
| 9 | 2 | FLT | 7 1/2 | 4 1/2 | 1/16 | kg 8 | | | | | | 2/22 |
| 10 | 4 | FLT | 5 3/8 | 4 4 | | sh 7 | | | | | | 2/24 |
| 11 | 1 | FLT | 8 1/8 | 4 4 | 1/16 | sn 8 | | | | | | 2/21 |
| 12 | 1 | FLT | 8 1/8 | 4 4 | 1/16 | sp 8 | | | | | | 2/21 |
| 13 | 1 | FLT | 15 1/2 | 2 5 1/2 | | py 8 | | | | | | 2/17 |
| 14 | 1 | R | 15 1/2 | 2 4 1/2 | | pw 8 | | | | | | 2/17 |
| 15 | 20 | SB | 8 1/2 | 2 4 1/2 | | | | | | | | |

ALL MATERIAL - A 36 - U.N.



NOTE B:
IF COMPLETE AND CONTINUOUS BEARING IS NOT OBTAINED WITH BEARING STIFFENER, THEN WELD AS INDICATED

5" HOLES

OPEN HOLES ARE FOR HIGH STRENGTH STRUCTURAL BOLTS. NO PAINT WITHIN 5" OF OPEN HOLES FOR HIGH STRENGTH STRUCTURAL BOLTS

FOR GENERAL NOTES SEE SHPI

PAINT YES UN.
SHOP CONTACT SURFACES - NO

| REV. | DATE | BY | CHKD. | DESCRIPTION |
|------|------|-------|-------|-------------|
| 1 | 02 | 44925 | | |
| 2 | 02 | 44925 | | |
| 3 | 02 | 44925 | | |
| 4 | 02 | 44925 | | |
| 5 | 02 | 44925 | | |
| 6 | 02 | 44925 | | |
| 7 | 02 | 44925 | | |
| 8 | 02 | 44925 | | |
| 9 | 02 | 44925 | | |
| 10 | 02 | 44925 | | |
| 11 | 02 | 44925 | | |
| 12 | 02 | 44925 | | |
| 13 | 02 | 44925 | | |
| 14 | 02 | 44925 | | |
| 15 | 02 | 44925 | | |

GIRDER - G 22
STATE OF MAINE
ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGadahoc COUNTY

U.S. American Bridge
Division of United States Steel Corporation

FABRICATION ASSIGNED TO: ELMIRA

DRAWING MADE BY: ELMIRA

MADE BY: RMU DATE: 8-13-15 CHECKED BY: RJG DATE: 9/16/15

IN CHARGE OF: GURTHERMEL # 32

ORDER NO: K6682 SHEET NO: 8

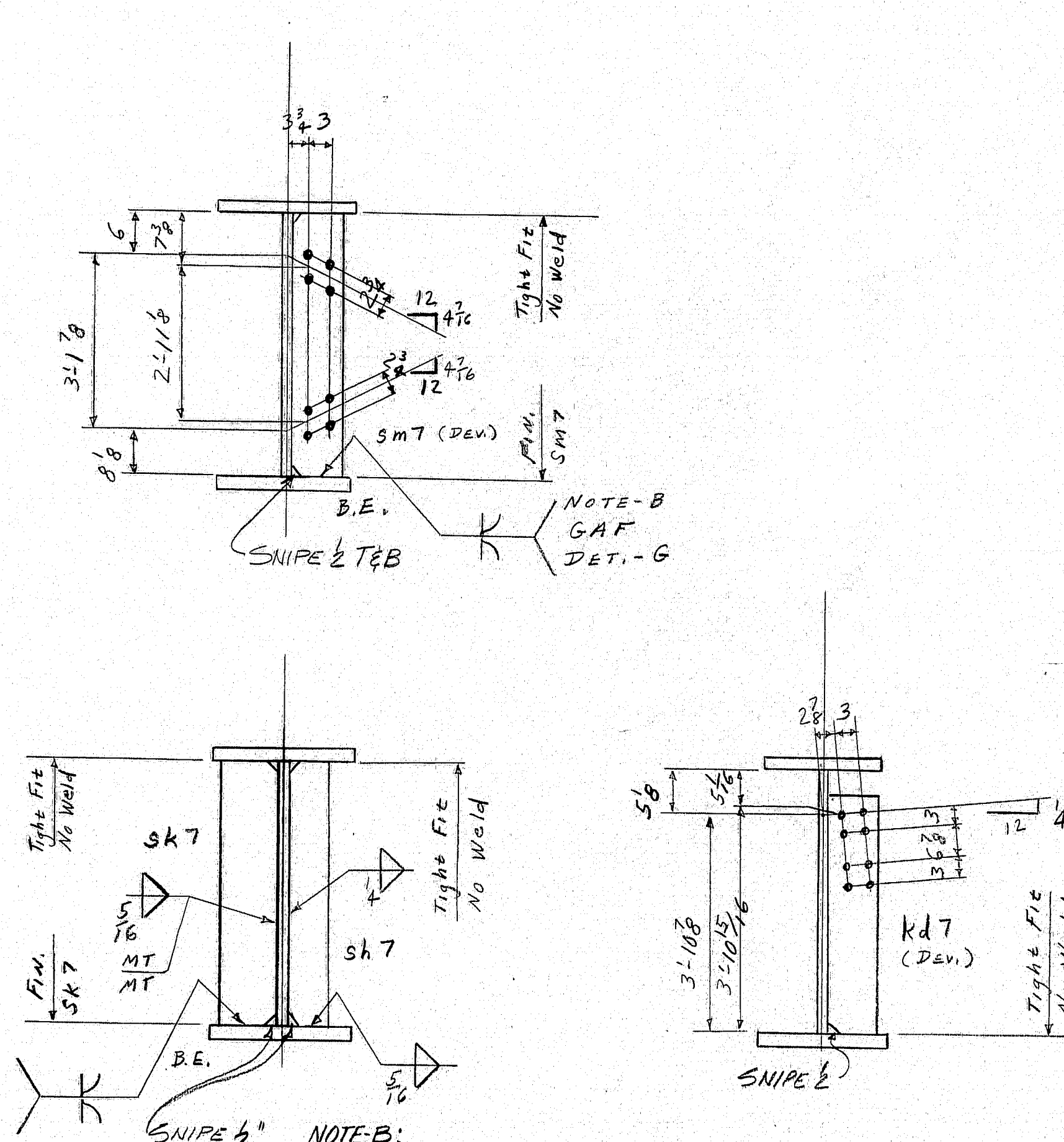
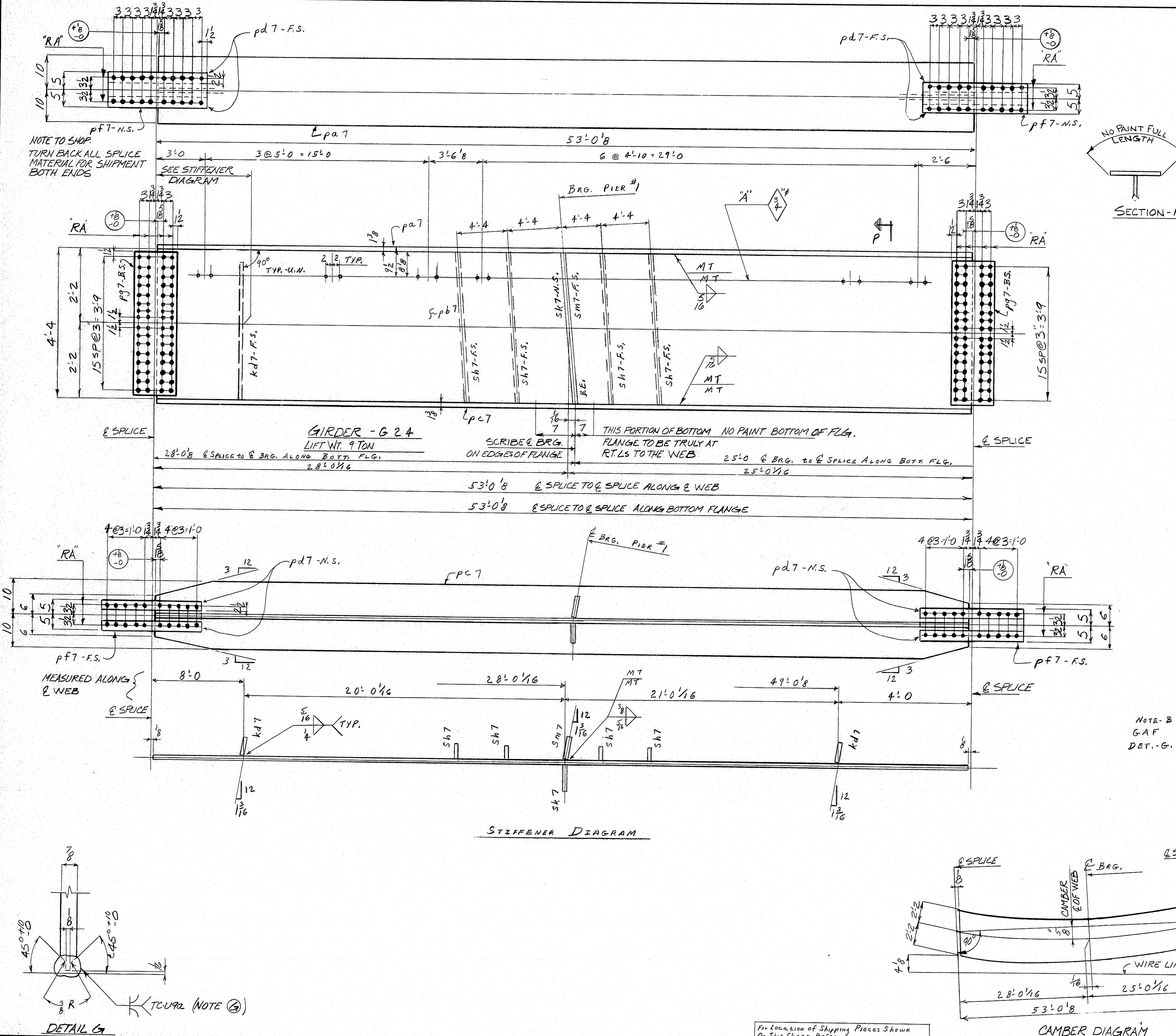
REVISIONS

145-22 ULTRASONIC □ RADIOGRAPHIC □ MAGNETIC PARTICLE □

Gauge root before welding second side.
In shop preparation of these joints, root opening may vary from 0 to 1/16 in. and root face may vary from 1/8 in. to 0.

FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET, REFER TO ERECTION DWG. E2

| D-83XC REV. 1-74 | | | | | | | | | |
|------------------|------|-----------------------------|-----------------------------|------------|----------|----------------------------|--------------------------------------|--|--------------|
| NO. | QTY. | NO. OF PCS. OR SHEETS | NO. OF ASSEMBLY PARTS | DIMENSIONS | LENGTH | FINISH AND TREATMENT | SHIPPING OR ASSEMBLING MARK | SHIPPING SPECIFICATIONS OR ASSEMBLING REFERENCE | REMARKS |
| 1 | 1 | | | GIRDER | | | 10G24 | 55'x53' | |
| 2 | 1 | R | 20 | 1/8" | 52 11/8" | | pa.7 | | ASTM A572-50 |
| 3 | 1 | R | 52 | 3/8" | 52 11/8" | CM 5/8" | pa.7 | | ASTM A572-50 |
| 4 | 1 | R | 20 | 1/8" | 52 11/8" | | pc.7 | | ASTM A572-50 |
| 5 | 4 | R | 12 1/2 | 3/8" | 4 0" | | pc.7 | | ASTM A572-50 |
| 6 | 4 | R | 10 1/2 | 3/8" | 2 6 1/2" | | pc.7 | | ASTM A572-50 |
| 7 | 8 | FLT | 4 | 3/8" | 2 6 1/2" | | pd.7 | | ASTM A572-50 |
| 8 | 4 | FLT | 5 | 3/8" | 4 4" | FLY | sk.7 | | ASTM A572-50 |
| 9 | 1 | FLT | 8 | 3/8" | 4 4" | FLY | sk.7 | | ASTM A572-50 |
| 10 | 1 | FLT | 8 | 3/8" | 4 4" | FLY | sk.7 | | ASTM A572-50 |
| 11 | 2 | FLT | 7 1/2 | 3/8" | 4 1 1/2" | FLY | kd.7 | | ASTM A572-50 |
| 12 | | | | | | | | | |
| 13 | 20 | SB | 7/8" | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |



NOTE-B:
IF COMPLETE AND CONTINUOUS
BEARING IS NOT OBTAINED WITH
BEARING STIFFENER, THEN WELD
AS INDICATED

HOLES - U. N.

OPEN HOLES ARE FOR HIGH
STRENGTH STRUCTURAL BOLTS - U. N. - 1/2"
NO PAINT WITHIN 5" OF OPEN
HOLES FOR HIGH STRENGTH
STRUCTURAL BOLTS

FOR GENERAL NOTES SEE SHP1

PAINT - YES UN,
SHOP CONTACT SURFACES - NO

STATE OF MAINE
ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGADAHOC COUNTY

U.S.S. American Bridge
Division of United States Steel Corporation

FABRICATION ASSIGNED TO: ELMIRA
DRAWING MADE BY: ELMIRA
MADE BY: RUM
DATE: 8-13-75 CHECKED BY: RJS
IN CHARGE OF: GURTHERMEL
DATE: 8-14-75

ORDER NO. K6682
SHEET NO. 10

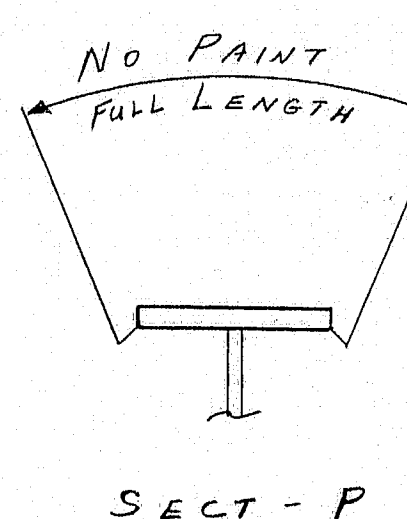
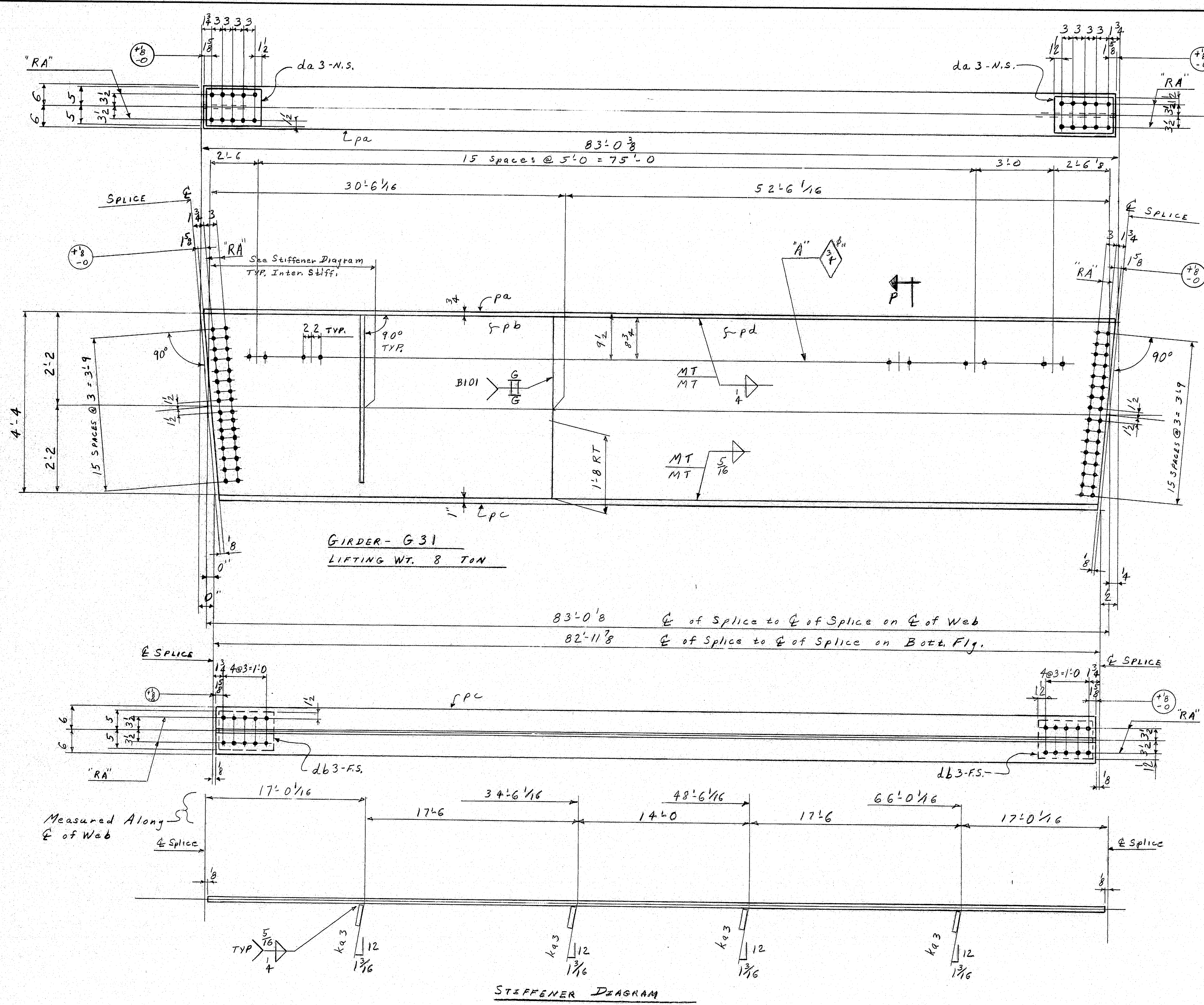
REVISIONS

145-24 ULTRASONIC RADIOGRAPHIC MAGNETIC PARTICLE

| NO. | QTY. | DESCRIPTION | UNIT |
|-----|------|-------------|-----------|
| 1 | 1 | PL 52 1/2 | 52'0 3/8 |
| 2 | 1 | PL 12 3/4 | 83'0 3/8 |
| 3 | 1 | PL 52 1/2 | 52'0 3/8 |
| 4 | 1 | PL 12 3/4 | 83'0 3/8 |
| 5 | 1 | PL 12 1/8 | 82'11 3/8 |
| 6 | 2 | PL 10 5/8 | 1'3 |
| 7 | 2 | PL 10 3/8 | 1'3 |
| 8 | 4 | FLT 7 3/8 | 4 1/2 TIE |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | 8 | SB 1/8" | |
| 14 | | | |
| 15 | | | |

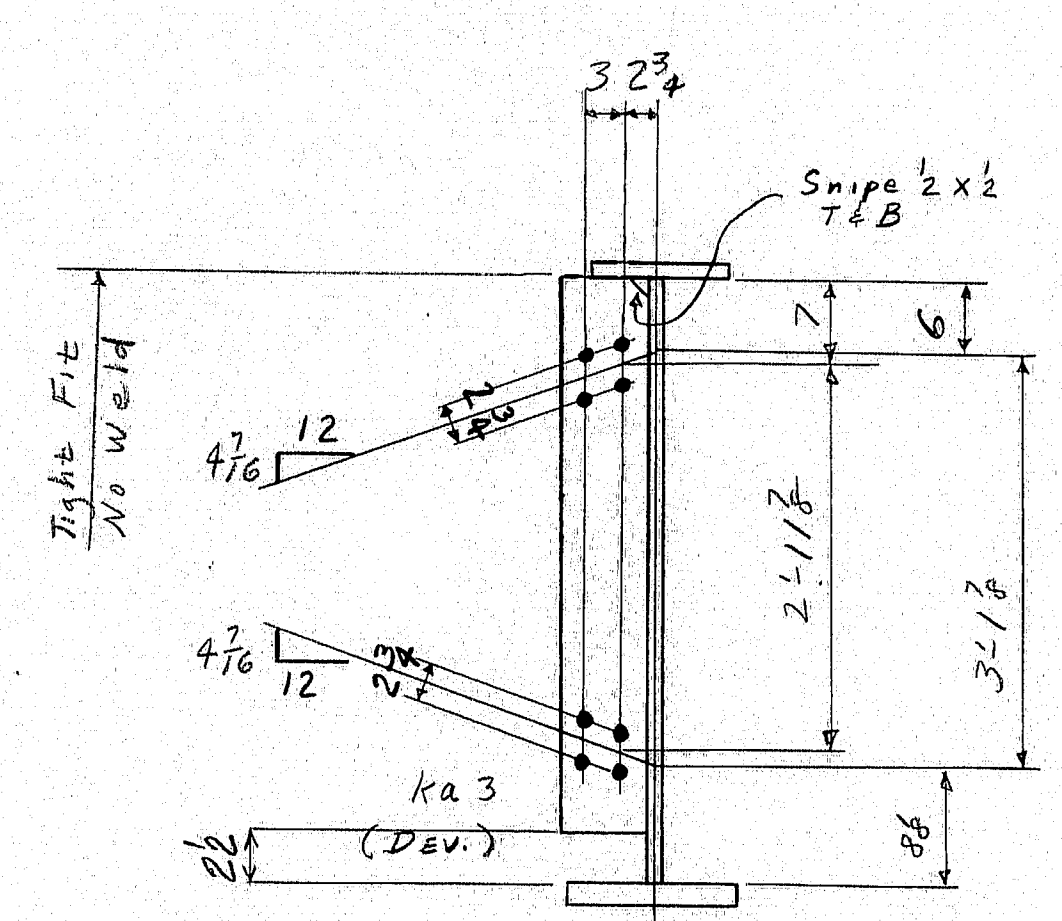
| NO. | QTY. | DESCRIPTION | UNIT |
|-----|------|-------------|-----------|
| 1 | 1 | PL 52 1/2 | 52'0 3/8 |
| 2 | 1 | PL 12 3/4 | 83'0 3/8 |
| 3 | 1 | PL 52 1/2 | 52'0 3/8 |
| 4 | 1 | PL 12 3/4 | 83'0 3/8 |
| 5 | 1 | PL 12 1/8 | 82'11 3/8 |
| 6 | 2 | PL 10 5/8 | 1'3 |
| 7 | 2 | PL 10 3/8 | 1'3 |
| 8 | 4 | FLT 7 3/8 | 4 1/2 TIE |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | 8 | SB 1/8" | |
| 14 | | | |
| 15 | | | |

* In shop preparation of these joints, root opening may vary from 0 to 1/8 in. and root face may vary from 1/8 in. to 0.



| L NO. | TOTAL NO. OF PCS. ON ORDER | MATERIAL | | | | FINISH AND TYP | | SHIPPING OR ASSEMBLING MARK | | SHIPPING SPECIFICATIONS OR ASSEMBLING REFERENCE | | REMARKS | ORDERED | | ADVANCE BILL | |
|----------|--|-------------------------------|----------------|------------|--------|----------------------|------|--------------------------------------|-------|--|--------|----------|---------|--------------|-----------------|-----|
| | | NO. OF PCS. ON ORDER | HARRY DESC. | DIMENSIONS | LENGTH | | FEET | INCH | DESC. | INCH | | | ITEM | PAK- LINE | SPEC | |
| | | | | | | | | | | | | | | | | |
| 1 | 1 | | | GIRDER | | | | | | 11G31 | 5GK 83 | | | | | |
| 2 | 1 | PL | 52 | 1/2 | 52 | 3/8 | CAM | 5/8 | | pd 11 | | web C/VN | | | | 3/8 |
| 3 | 1 | PL | 12 | 3/4 | 83 | 0 3/8 | | | | pa 11 | | FLG C/VN | | | | 3/8 |
| 4 | 1 | PL | 52 | 1/2 | 52 | 3/8 | CAM | 5/8 | 1/4 | pc 11 | | web C/VN | | | | 3/8 |
| 5 | 1 | PL | 12 | 1 | 82 | 11 3/8 | | | | pc 11 | | FLG C/VN | | | | 3/8 |
| 6 | 2 | PL | 10 | 5/8 | 1 | 3 | | | | da 3 | | | | | | 3/8 |
| 7 | 2 | PL | 10 | 3/8 | 1 | 3 | | | | da 3 | | | | | | 3/8 |
| 8 | 4 | FLT | 7 | 3/8 | 4 | 1 1/2 | TIE | | | ka 3 | | | | | | 3/8 |
| 9 | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 13 | 8 | SB | 1/8" | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | |

ALL MATERIAL - A36 - U.N.



Open Holes are for High Strength Structural Bolts unless Noted A NO PAINT within 3" of Holes for High Strength Structural Bolts.

FOR GENERAL NOTES SEE P1

Holes - U.N.

PAINT: YES - U.N.

SHOP CONTACT SURFACES: NO

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

PAINT: YES - U.N.

SPAN 2 GIRDER-G 31

STATE OF MAINE
BEEDLE ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGADAHOC COUNTY

U.S. American Bridge
Division of United States Steel Corporation

FABRICATION ASSIGNED TO: ELMIRA

DRAWING MADE BY: ELMIRA

MADE BY: RUI DATE: 8-11-75 CHECKED BY: RJS DATE: 9/6/75

IN CHARGE OF: G U ROTHMEL #32

ORDER NO: K 6682

SHEET NO: 11

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

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REVISIONS

REVISIONS

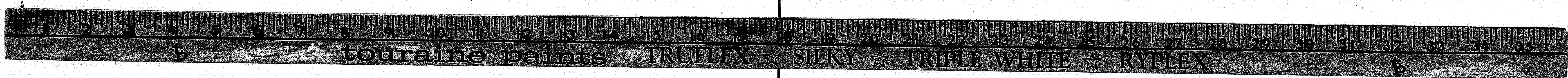
REVISIONS

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REVISIONS

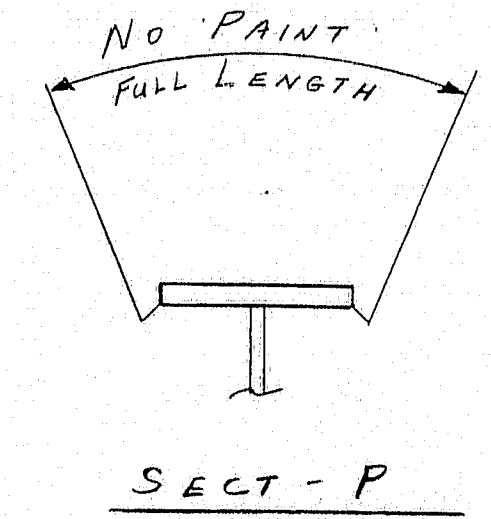
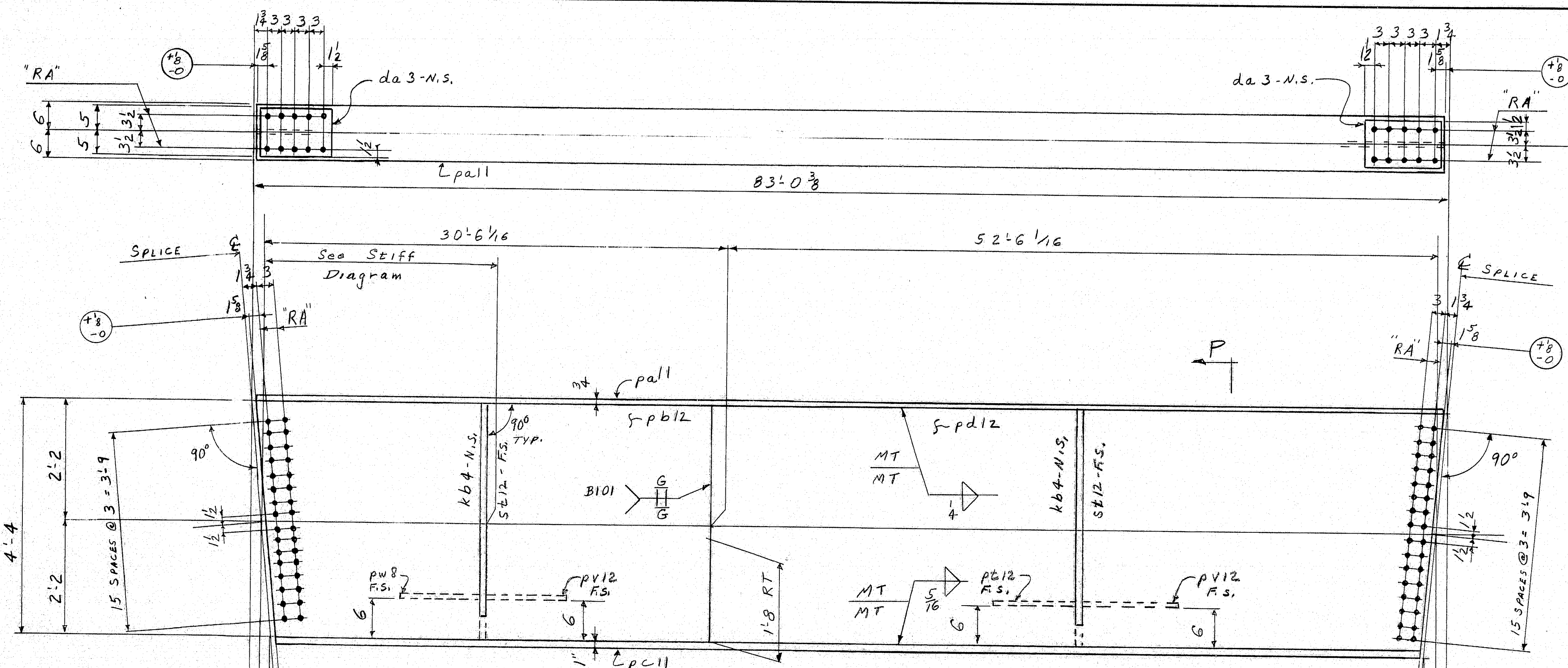
REVISIONS



ZENITH, A.B. SMITH CO., PHIL., PA. 3-640-572

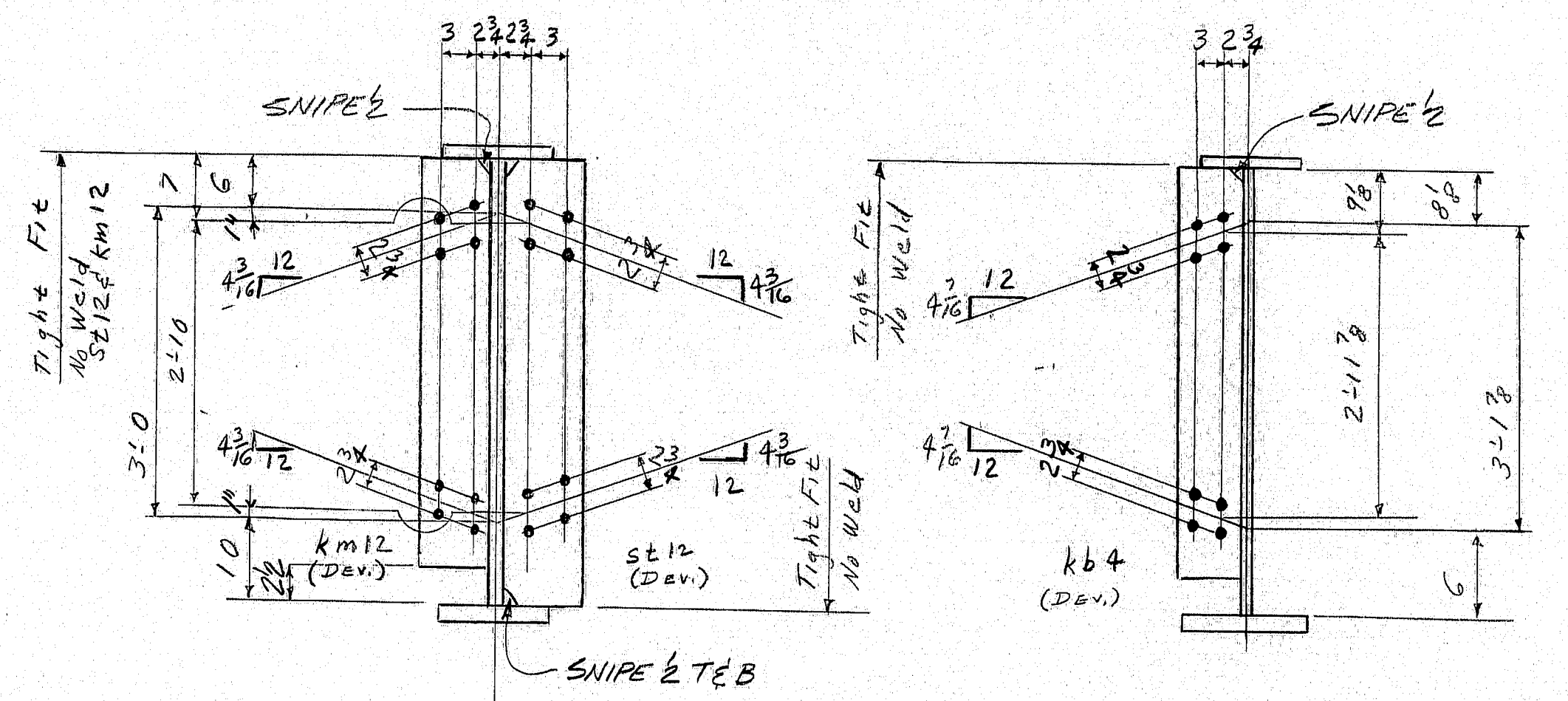
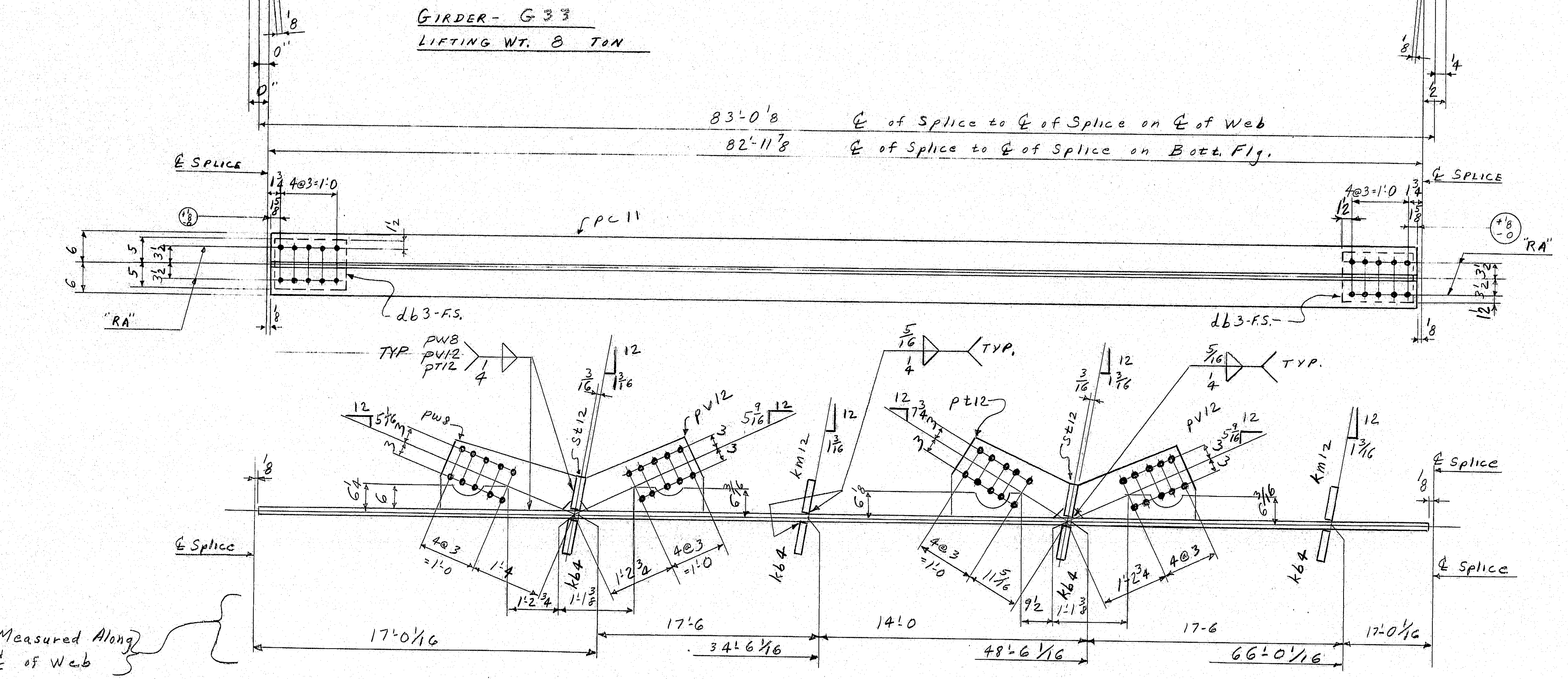
D-83XC REV. 10-70

- ① 80°
- ② 80°
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- ㊿ 80°



| ITEM NO. | QTY. | MATERIAL | DIMENSIONS | LENGTH | FINISH AND TREATMENT | SHIPPING OR ASSEMBLING MARK | SHIPPING SPECIFICATIONS OR ASSEMBLING REFERENCE | REMARKS | ORDERED | ADVANCE BILL |
|----------|------|-----------|------------|------------|----------------------|-----------------------------|---|---------|---------|--------------|
| | | | | | | | | | | |
| 1 | 1 | GIRDER | | | | | | | | |
| 2 | 1 | PL 52 | 2 | 52'-6 1/8 | CAM | 52 | 13 G 33 | WEB CUN | | 208 |
| 3 | 1 | PL 12 | 3/4 | 83'-0 3/8 | | | 12 | WEB CUN | | 209 |
| 4 | 1 | PL 52 | 2 | 30'-6 1/8 | CAM | 52 | 12 | WEB CUN | | 210 |
| 5 | 1 | PL 12 | 1 | 82'-11 7/8 | | | 12 | WEB CUN | | 211 |
| 6 | 2 | PL 10 5/8 | 1 | 13 | | | 10 5/8 | WEB CUN | | 212 |
| 7 | 2 | PL 7 | 3/8 | 4 1/2 | | | 7 | WEB CUN | | 213 |
| 8 | 4 | PL 7 | 3/8 | 4 1/2 | | | 7 | WEB CUN | | 214 |
| 9 | 2 | PL 7 | 3/8 | 4 1/2 | | | 7 | WEB CUN | | 215 |
| 10 | 2 | PL 15 1/2 | 2 | 2 3/4 | | | 15 1/2 | WEB CUN | | 216 |
| 11 | 1 | PL 15 1/2 | 2 | 1 11 | | | 15 1/2 | WEB CUN | | 217 |
| 12 | 1 | PL 15 1/2 | 2 | 2 3/4 | | | 15 1/2 | WEB CUN | | 218 |
| 13 | 2 | PL 7 | 3/8 | 4 1/2 | | | 7 | WEB CUN | | 219 |
| 14 | 8 | SB | 3/8 | | | | | | | 220 |
| 15 | | | | | | | | | | |

MATERIAL - A36 - U.N.



SPAN 2 GIRDER - G 33

STATE OF MAINE
BEEDLE ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGADHOC COUNTY

Open Holes are for High Strength Structural Bolts unless noted.
NO PAINT within 5" of Holes for High Strength Structural Bolts

FOR GENERAL NOTES SEE P1

Holes -

PAINT: YES - U.N.
SHOP CONTACT SURFACES: NO

| | | | |
|------|----|------|-------|
| DATE | 02 | CODE | 44330 |
| NO. | 1 | QTY. | 1 |
| NO. | 2 | QTY. | 1 |
| NO. | 3 | QTY. | 1 |
| NO. | 4 | QTY. | 1 |
| NO. | 5 | QTY. | 1 |
| NO. | 6 | QTY. | 1 |
| NO. | 7 | QTY. | 1 |
| NO. | 8 | QTY. | 1 |
| NO. | 9 | QTY. | 1 |
| NO. | 10 | QTY. | 1 |
| NO. | 11 | QTY. | 1 |
| NO. | 12 | QTY. | 1 |
| NO. | 13 | QTY. | 1 |
| NO. | 14 | QTY. | 1 |
| NO. | 15 | QTY. | 1 |

FABRICATION ASSIGNED TO: **ELMIRA**

DRAWING MADE BY: **ELMIRA**

MADE BY: **RUN** DATE: **8-18-75** CHECKED BY: **RJS** DATE: **9/16/75**

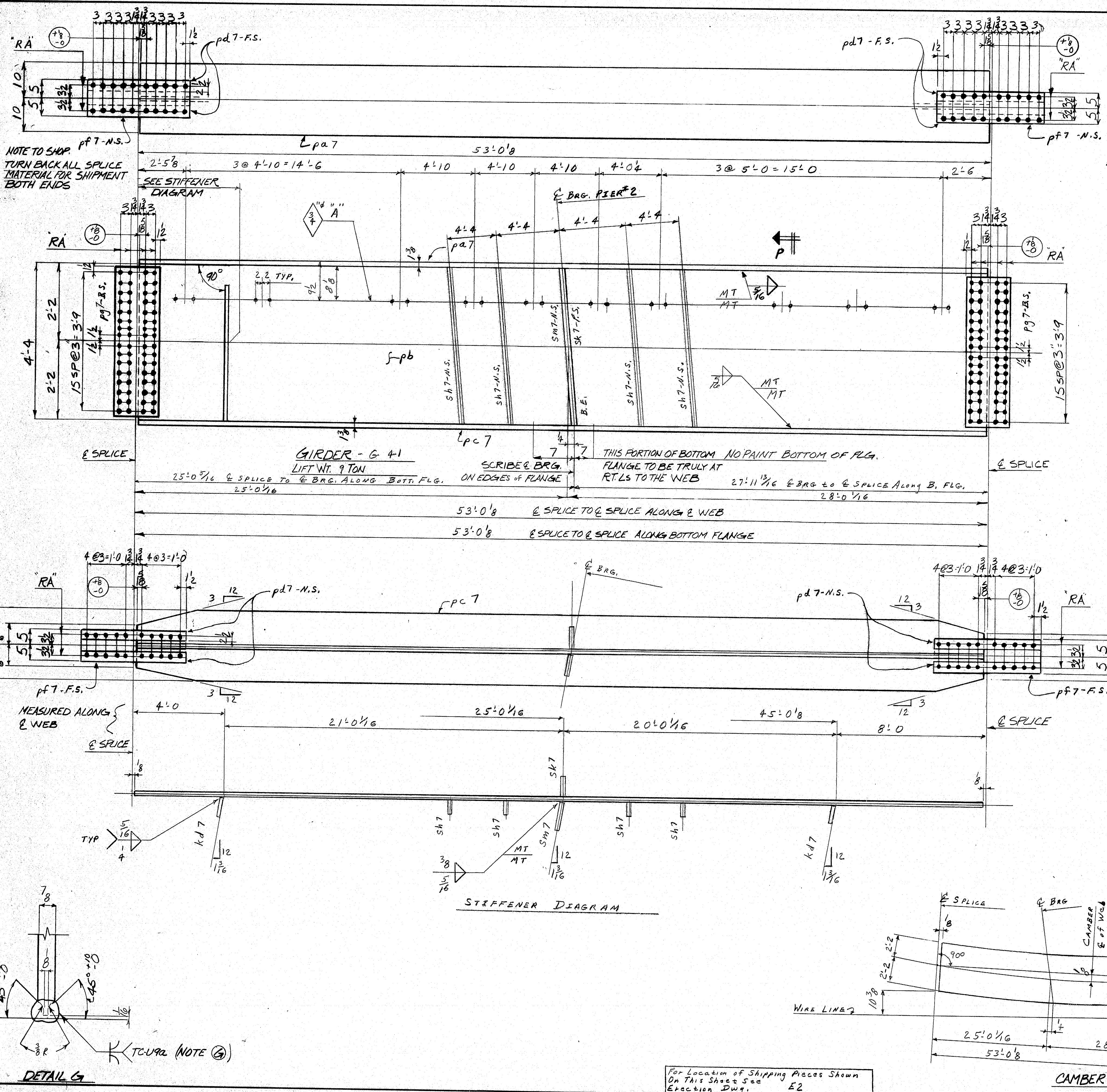
IN CHARGE OF: **G U ROTERMEL** #32

ORDER NO: **K 6682** SHEET NO: **13**

REVISIONS

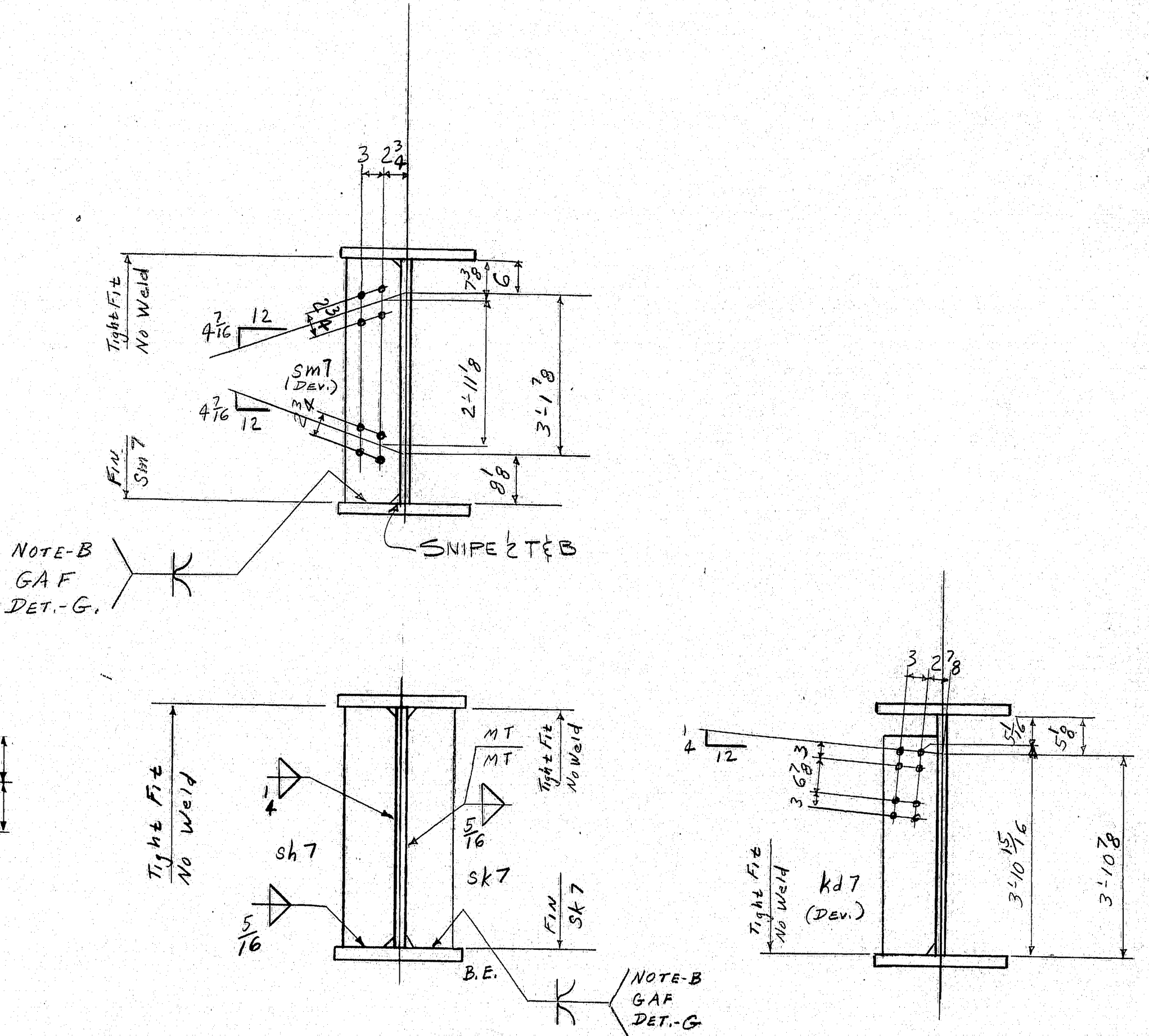
FOR LOCATION OF SHIPPING PLACES SHOWN ON THIS SHEET REFER TO ELEVATION PLANS: E2

* In shop preparation of these joints, root opening may vary from 0 to 1/8 in. and root face may vary from 1/8 in. to 0.



| SHEET NO. 174 | | | | | | | | | | | | | | | | |
|---------------|-----------------------------|----------|--------|------------|-------|--------|-------|-----------------|-------|----------------------------|--|-----------------|----------|-------|------|----|
| ITEM NO. | TOTAL QTY. OF PCL. ON SHEET | MATERIAL | | DIMENSIONS | | LENGTH | | FABRIC AND TYPE | | SHIPPING IN ASSEMBLING BAY | SHIPPING INFORMATION OR ASSEMBLING REFERENCE | REMARKS | QUANTITY | | DATE | BY |
| | | AMOUNT | DESC. | FEET | INCH. | DESC. | INCH. | FEET | INCH. | | | | FEET | INCH. | | |
| 1 | 1 | | GIRDER | | | | | | | 156 41 | 55 X 53 | | | | | |
| 2 | 1 | PL | 20 1/8 | 52 11/8 | | | | | | pa 7 | | ASSEMBLED 2 CVN | | | 3/08 | |
| 3 | 1 | PL | 52 3/8 | 52 11/8 | CAN 8 | | | | | pb 15 | | WAGON | | | 3/08 | |
| 4 | 1 | PL | 20 1/8 | 52 11/8 | | | | | | pc 7 | | ASSEMBLED 2 CVN | | | 3/08 | |
| 5 | 4 | PL | 10 1/2 | 2 8/8 | | | | | | pd 7 | | CVN | | | 3/08 | |
| 6 | 8 | PL | 4 1/2 | 2 8/8 | | | | | | pe 7 | | 2" CVN | | | 3/08 | |
| 7 | 4 | PL | 12 1/2 | 3/8 | 4 0 | | | | | pf 7 | | CVN | | | 3/01 | |
| 8 | 4 | FLT | 5 3/8 | 4 4 | | | | | | pg 7 | | CVN | | | 3/08 | |
| 9 | 1 | FLT | 8 3/8 | 4 4 | | | | | | ph 7 | | CVN | | | 7/01 | |
| 10 | 1 | FLT | 8 3/8 | 4 4 | | | | | | pi 7 | | 5" CVN | | | 7/01 | |
| 11 | 2 | FLT | 7 1/2 | 3/8 | 4 1/2 | | | | | pk 7 | | 5" CVN | | | 7/01 | |
| 12 | | | | | | | | | | | | | | | 7/02 | |
| 13 | 20 | SB | 3/8 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | |

ALL MATERIAL - A36 - U.N.



GIRDER - G 4-1

STATE OF MAINE
ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGadahoc COUNTY

U.S. American Bridge
Division of United States Steel Corporation

FABRICATION ASSIGNED TO: **ELMIRA**

DRAWING MADE BY: **ELMIRA**

MADE BY: **RU** DATE: **8-14-75** CHECKED BY: **RJS** DATE: **9/16/75**

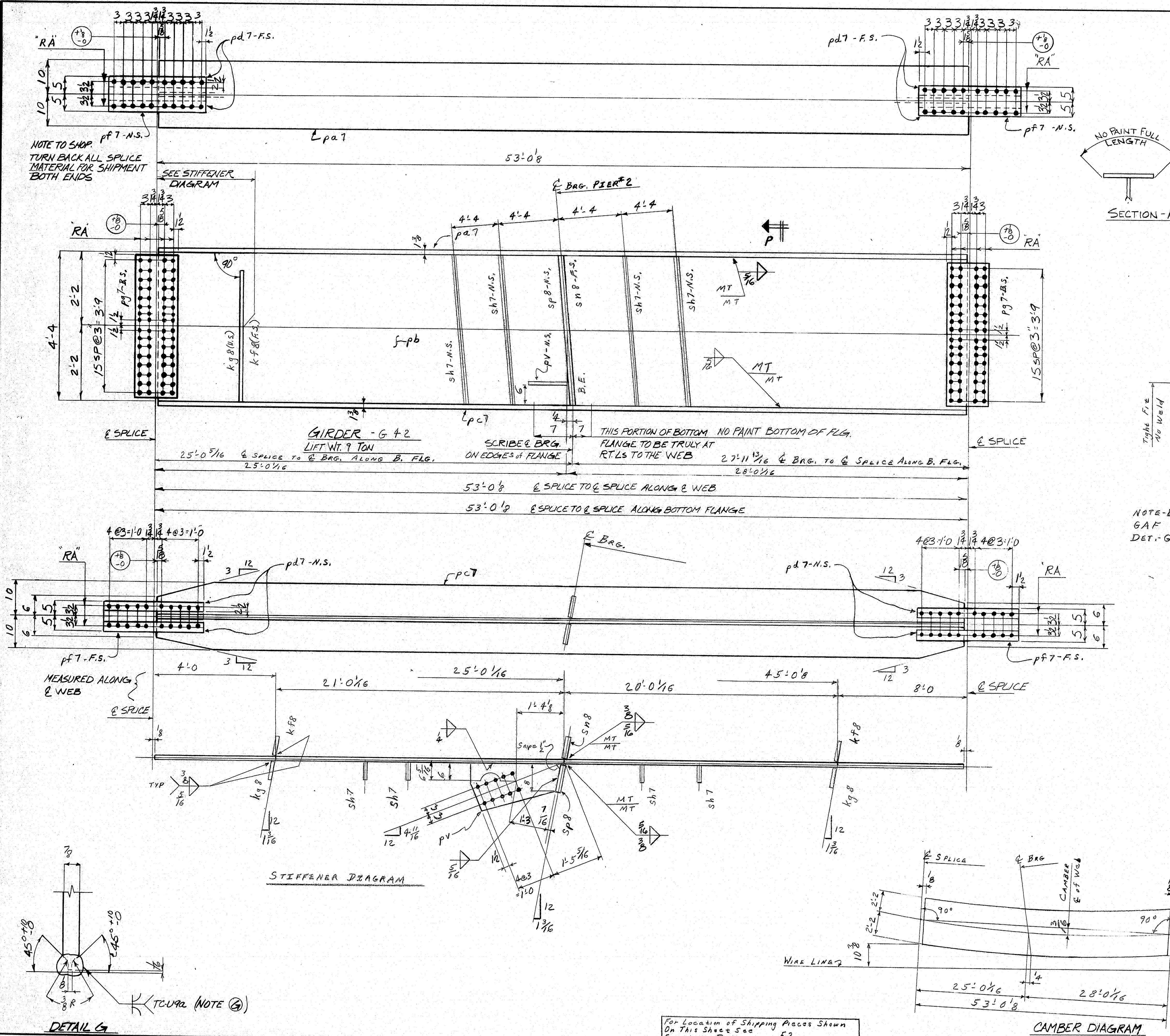
IN CHARGE OF: **GUTHRIER** # **32**

ORDER NO. **K6682** SHEET NO. **15**

REVISIONS

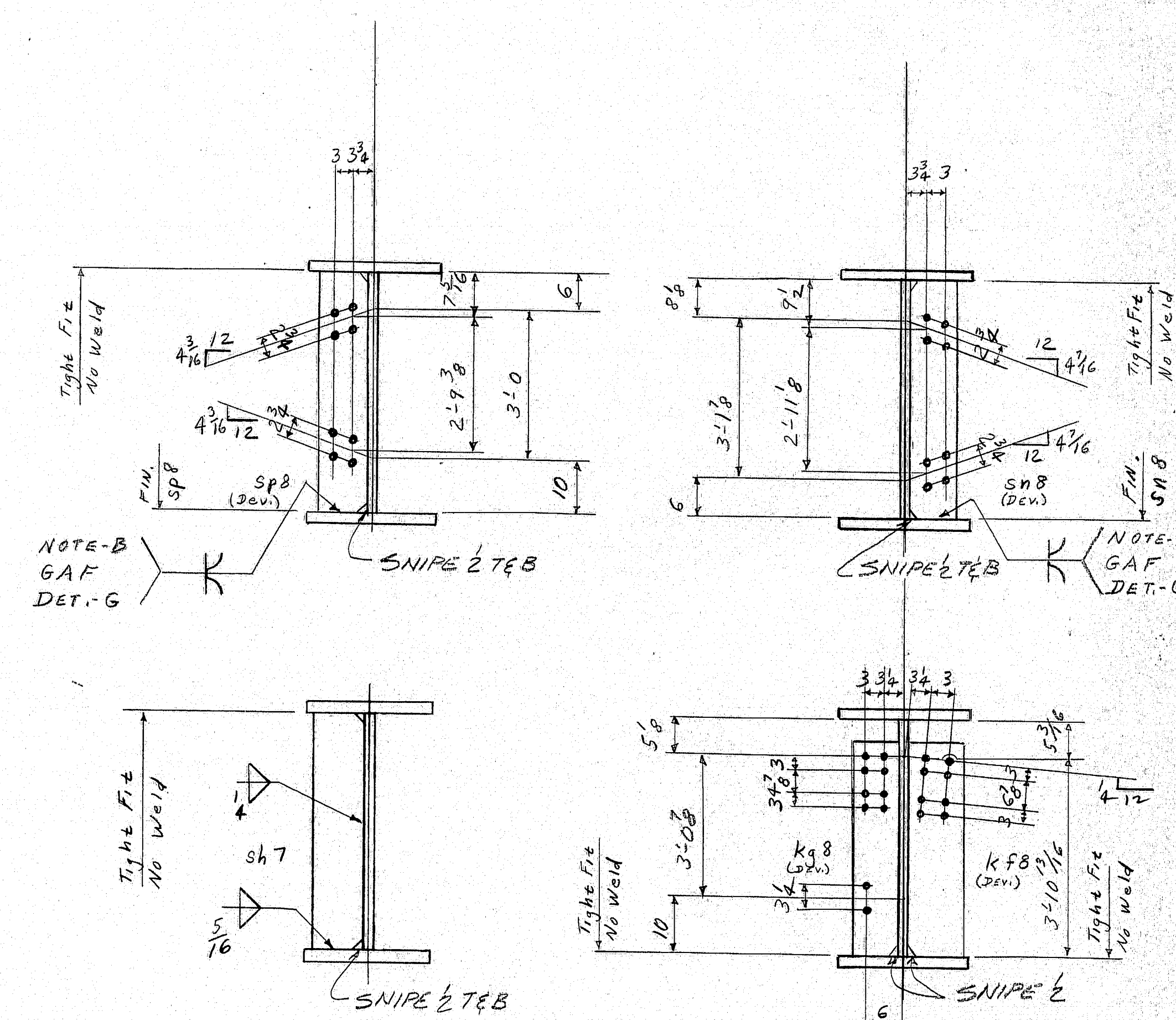
145-29

ULTRASONIC □ RADIO GRAPHIC □ MAGNETIC PARTICLE □



| ITEM NO. | QTY. | MATERIAL | DIMENSIONS | LENGTH | WEIGHT | SHIPPING OR ASSEMBLING NAME | SHIPPING SPECIFICATIONS OR ASSEMBLING REFERENCE | REMARKS | ORDERED | DELIVERED |
|----------|------|------------|------------|--------|--------|-----------------------------|---|---------|---------|-----------|
| | | | | | | | | | | |
| 1 | 1 | GIRDER | | 53'-0" | 16642 | 55 X 53 | | | | |
| 2 | 1 | PL 20 1/8" | 52 1/8" | | | pa 7 | | | | |
| 3 | 1 | PL 52 1/8" | 52 1/8" | | | pa 16 | | | | |
| 4 | 1 | PL 20 1/8" | 52 1/8" | | | pc 7 | | | | |
| 5 | 4 | PL 10 1/2" | 26 1/2" | | | pf 7 | | | | |
| 6 | 8 | PL 4 1/4" | 26 1/2" | | | pd 7 | | | | |
| 7 | 4 | PL 12 1/4" | 40" | | | pa 7 | | | | |
| 8 | 4 | FL 5 3/8" | 44" | | | sh 7 | | | | |
| 9 | 2 | FL 7 1/2" | 38" | | | k f 8 | | | | |
| 10 | 2 | FL 7 1/2" | 38" | | | k f 8 | | | | |
| 11 | 1 | FL 8 3/8" | 44" | | | sp 8 | | | | |
| 12 | 1 | FL 8 3/8" | 44" | | | sp 8 | | | | |
| 13 | 1 | PL 15 1/2" | 25 1/8" | | | pv | | | | |
| 14 | | | | | | | | | | |
| 15 | 20 | SB 3/4" | | | | | | | | |

ALL MATERIAL - A36-UN.



NOTE B
IF COMPLETE AND CONTINUOUS BEARING IS NOT OBTAINED WITH BEARING STIFFENER, THEN WELD AS INDICATED

HOLES

OPEN HOLES ARE FOR HIGH STRENGTH STRUCTURAL BOLTS. NO PAINT WITHIN 5" OF OPEN HOLES FOR HIGH STRENGTH STRUCTURAL BOLTS

FOR GENERAL NOTES SEE SH-1

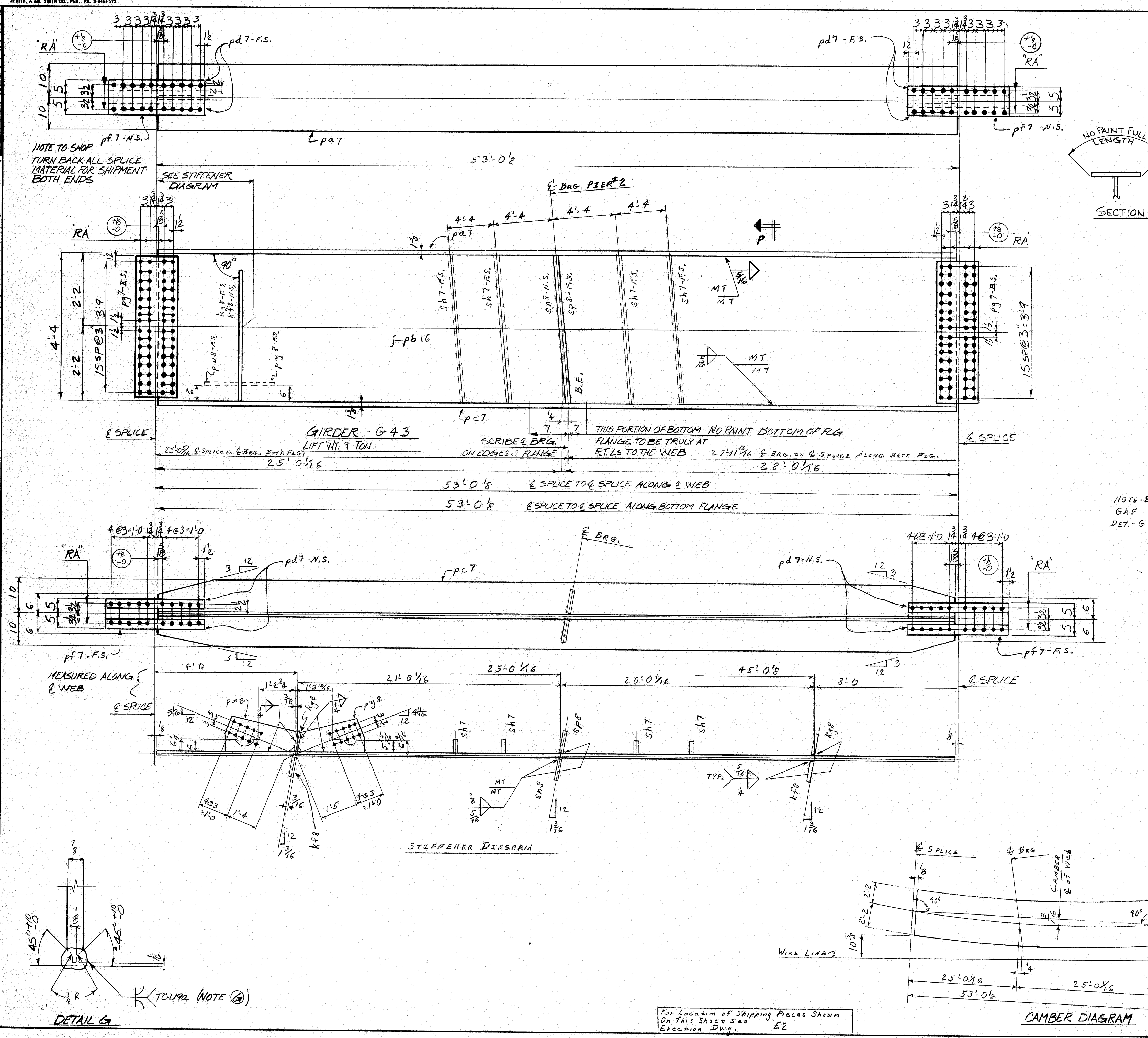
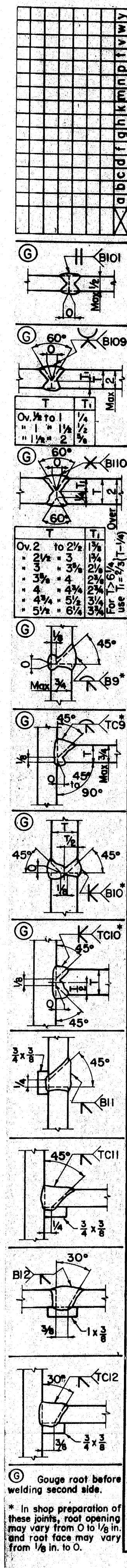
PAINT-YES UN.
SHOP CONTACT SURFACES-NO

| REV. | DATE | BY | CHKD. | DESCRIPTION |
|------|---------|--------|-------|-------------|
| 02 | 8-14-75 | ELMIRA | RJS | 9/14/75 |
| 01 | | | | |
| 01 | | | | |
| 01 | | | | |
| 01 | | | | |

U.S. American Bridge
Division of United States Steel Corporation

FABRICATION ASSIGNED TO **ELMIRA**
DRAWING MADE BY **ELMIRA**
MADE BY **ELMIRA** DATE **8-14-75** CHECKED BY **RJS** DATE **9/14/75**
IN CHARGE OF **GUROTHERMEL** # **32**
ORDER NO. **K6682** SHEET NO. **16**

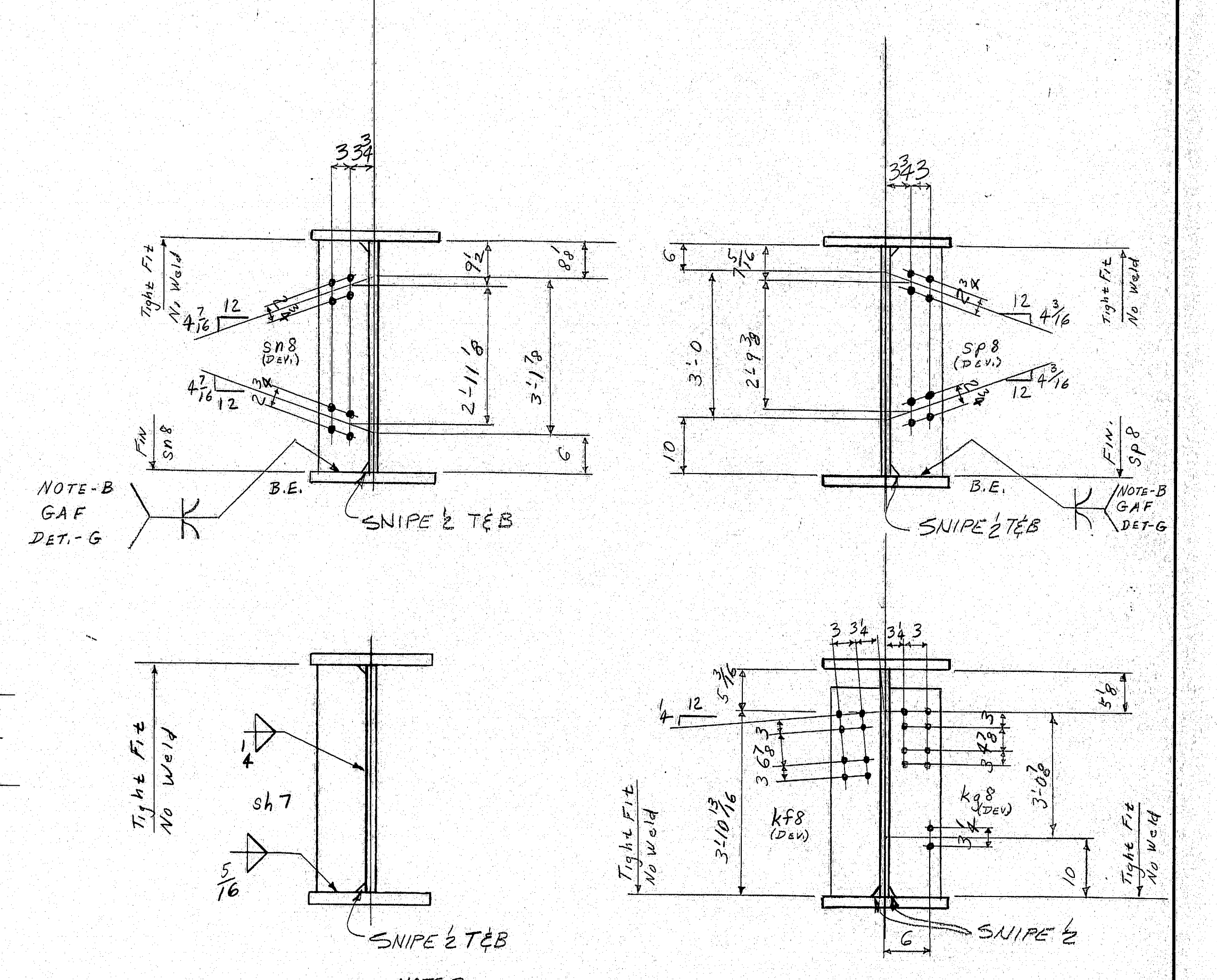
145-30 ULTRASONIC RADIOGRAPHIC MAGNETIC PARTICLE



| ITEM NO. | QTY. | MATERIAL | DIMENSIONS | LENGTH | THICKNESS | SHIPPING WEIGHT | SHIPPING SPECIFICATIONS | REMARKS | ORDER NO. | SHEET NO. |
|----------|------|----------|------------|---------|-----------|-----------------|-------------------------|---------|-----------|-----------|
| | | | | | | | | | | |
| 1 | 1 | GIRDER | | | | 17643 | 55x53 | | | |
| 2 | 1 | PL 20 | 1/8 | 52 1/2 | 1/8 | pa. 7 | | | | |
| 3 | 1 | PL 52 | 1/8 | 52 1/2 | 1/8 | pb. 16 | | | | |
| 4 | 1 | PL 20 | 1/8 | 52 1/2 | 1/8 | pc. 7 | | | | |
| 5 | 4 | PL 10 | 1/2 | 2 6 1/2 | | pd. 7 | | | | |
| 6 | 8 | PL 4 | 1/16 | 2 6 1/2 | | pe. 7 | | | | |
| 7 | 4 | PL 12 | 1/16 | 4 0 | | pf. 7 | | | | |
| 8 | 4 | PL 5 | 3/8 | 4 4 | | pg. 7 | | | | |
| 9 | 2 | PL 7 1/2 | 3/8 | 4 1 1/2 | | ph. 8 | | | | |
| 10 | 2 | PL 7 1/2 | 3/8 | 4 1 1/2 | | pi. 8 | | | | |
| 11 | 1 | PL 8 | 3/8 | 4 4 | | pj. 8 | | | | |
| 12 | 1 | PL 8 | 3/8 | 4 4 | | pk. 8 | | | | |
| 13 | 1 | PL 15 | 1/2 | 2 3 1/2 | | pl. 8 | | | | |
| 14 | 1 | PL 15 | 1/2 | 2 3 1/2 | | pm. 8 | | | | |
| 15 | 20 | SB | 3/8 | | | | | | | |

ALL MATERIAL - A36-UN.

NO PAINT FULL LENGTH
SECTION - P



GIRDER - G 43

STATE OF MAINE
ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGADHOC COUNTY



FOR GENERAL NOTES SEE SHPI

PAINT-YES UN.
SHOP CONTACT SURFACES-NO

FABRICATION ASSIGNED TO: **ELMIRA**

DRAWING MADE BY: **ELMIRA**

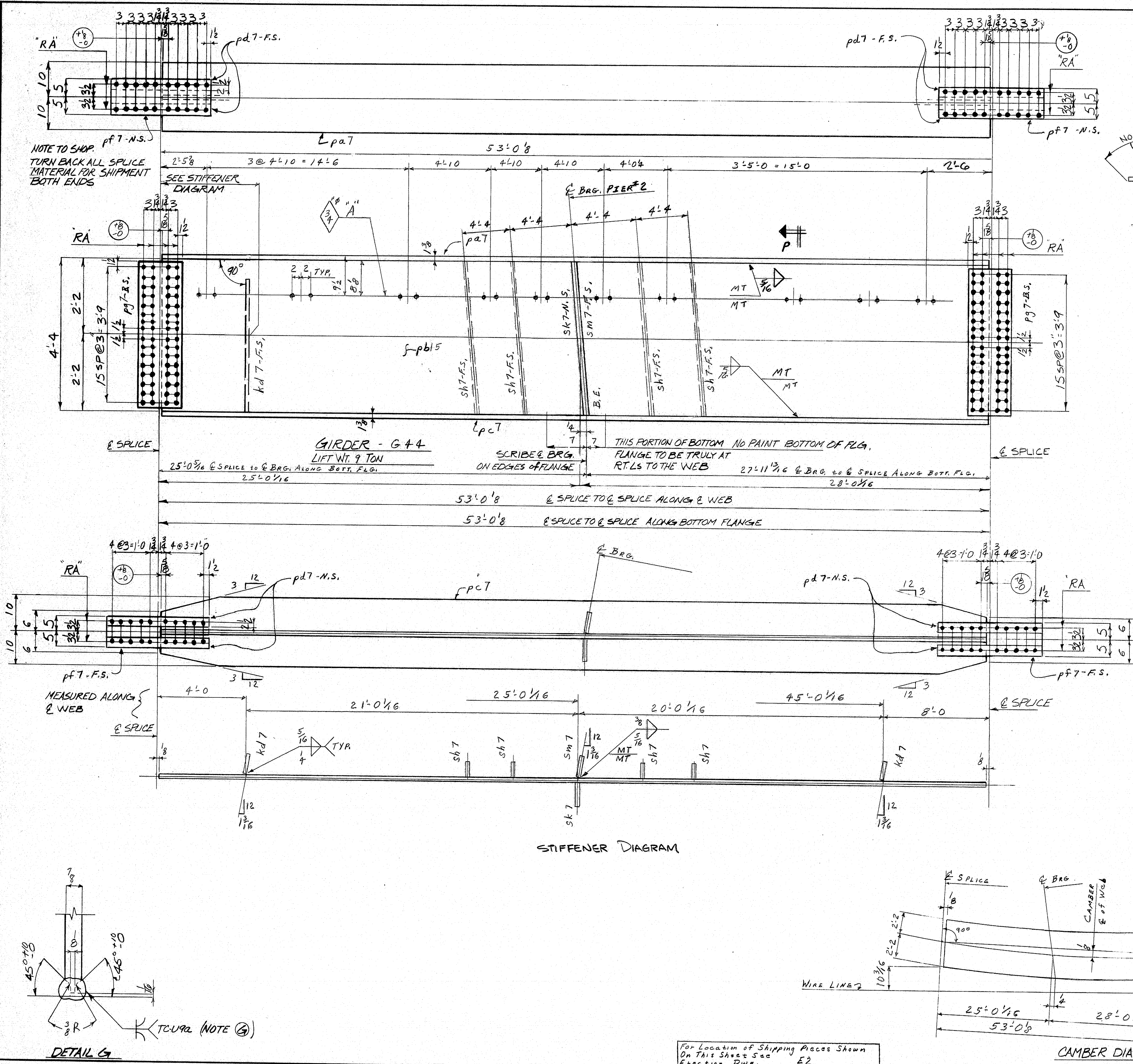
MADE BY: **RAH** DATE: **8-15-15** CHECKED BY: **RJS** DATE: **9/16/15**

IN CHARGE OF: **GUROTHEMEL** # **32**

ORDER NO. **K6682** SHEET NO. **17**

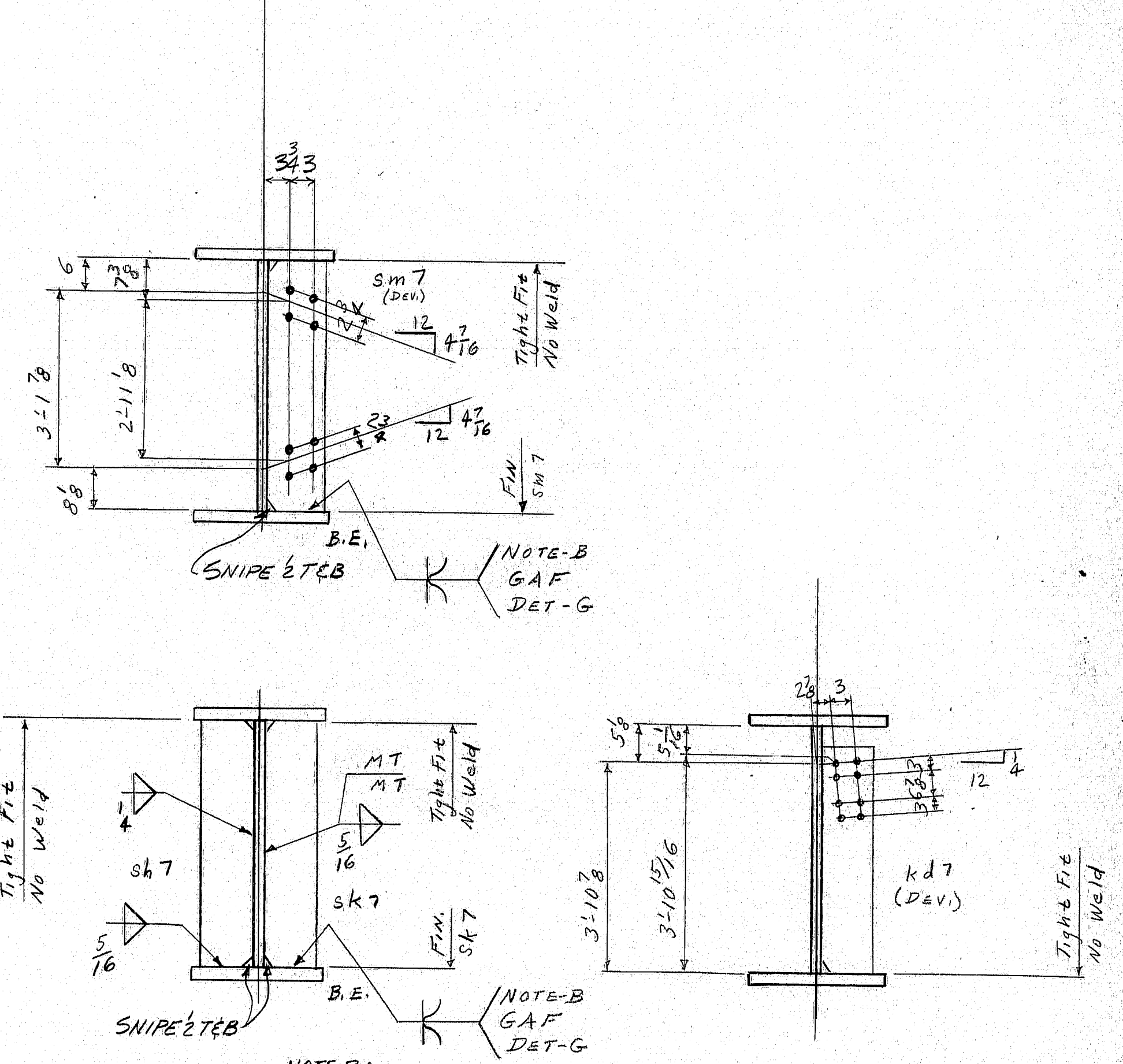
REVISIONS

145-31 ULTRASONIC □ RADIO GRAPHIC □ MAGNETIC PARTICLE □



| ITEM NO. | QTY. | DESCRIPTION | UNIT | REMARKS | DATE | BY | CHKD. |
|----------|------|-------------|---------|---------|---------|----|-------|
| 1 | 1 | PL 20 1/8 | 52 11/8 | 18644 | 55 x 53 | | |
| 2 | 1 | PL 52 1/8 | 52 11/8 | 18644 | 55 x 53 | | |
| 3 | 1 | PL 20 1/8 | 52 11/8 | 18644 | 55 x 53 | | |
| 4 | 1 | PL 10 1/2 | 26 1/2 | 18644 | 55 x 53 | | |
| 5 | 4 | FL 4 1/2 | 26 1/2 | 18644 | 55 x 53 | | |
| 6 | 8 | FL 12 1/2 | 40 | 18644 | 55 x 53 | | |
| 7 | 4 | FL 5 3/8 | 4 4 | 18644 | 55 x 53 | | |
| 8 | 2 | FL 7 1/2 | 4 4 | 18644 | 55 x 53 | | |
| 9 | 1 | FL 8 3/8 | 4 4 | 18644 | 55 x 53 | | |
| 10 | 1 | FL 8 3/8 | 4 4 | 18644 | 55 x 53 | | |
| 11 | 1 | FL 8 3/8 | 4 4 | 18644 | 55 x 53 | | |
| 12 | 20 | SB 7/8 | | 18644 | 55 x 53 | | |

ALL MATERIAL - A36 - U.N.



GIRDER - G 44

STATE OF MAINE
ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGadahoc COUNTY

U.S.S. American Bridge
Division of United States Steel Corporation

FABRICATION ASSIGNED TO **ELMIRA**

DRAWING MADE BY **ELMIRA**

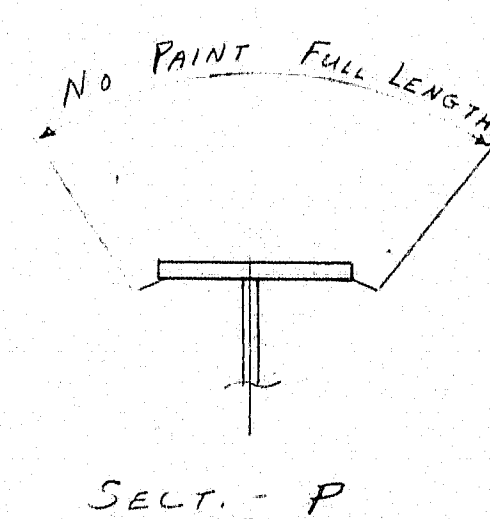
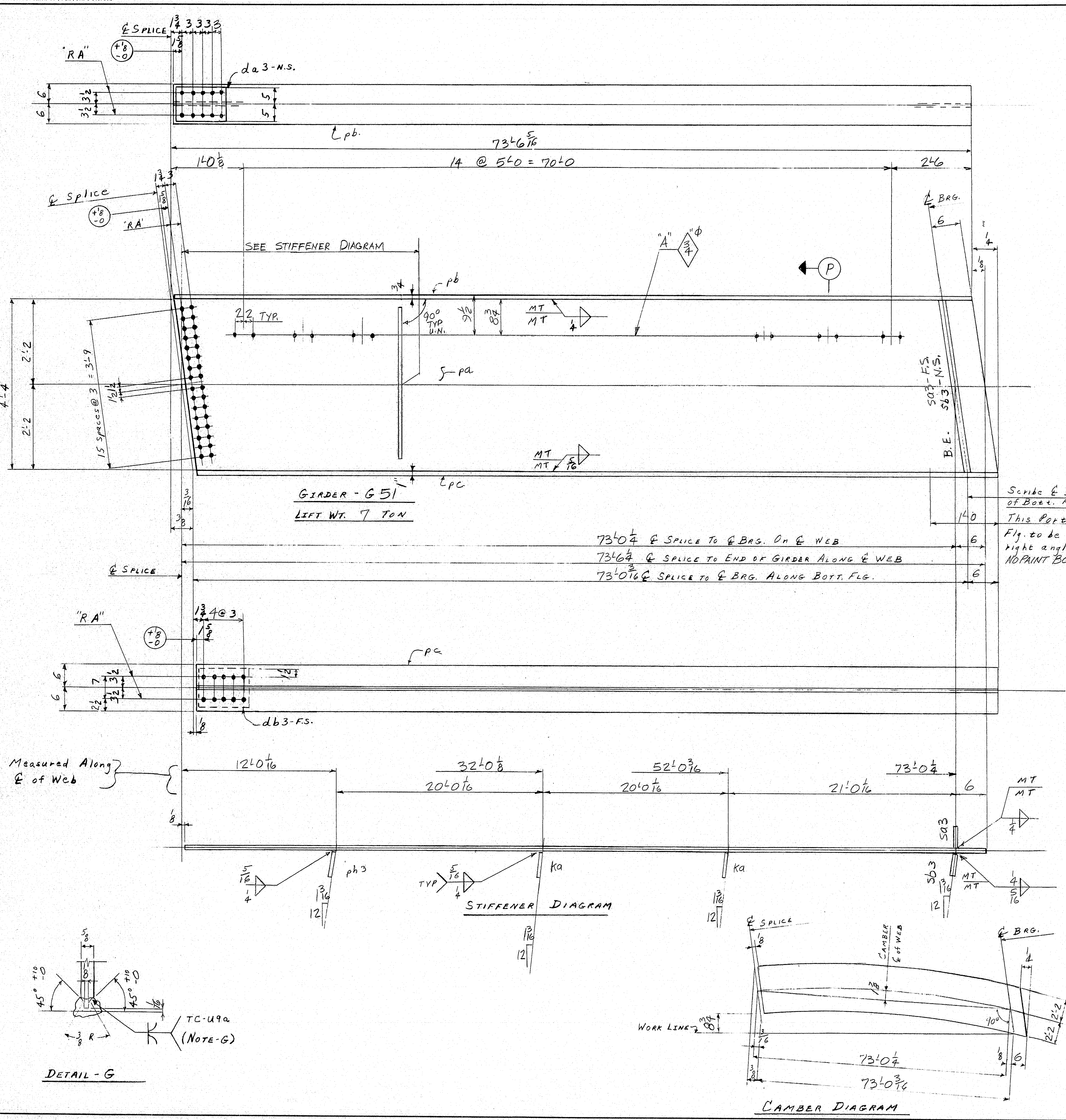
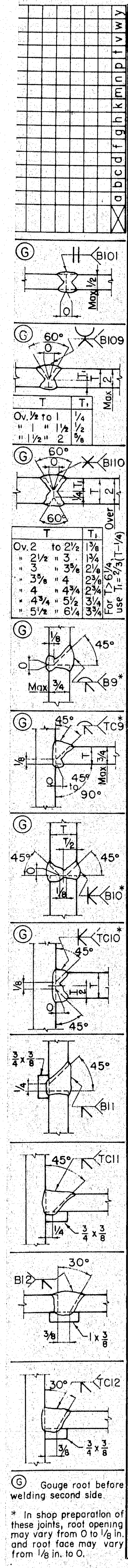
MADE BY **Roll** DATE **9/14/75** CHECKED BY **RJS** DATE **9/16/75**

IN CHARGE OF **GUROTHEMEL** # **32**

ORDER NO. **K6682** SHEET NO. **18**

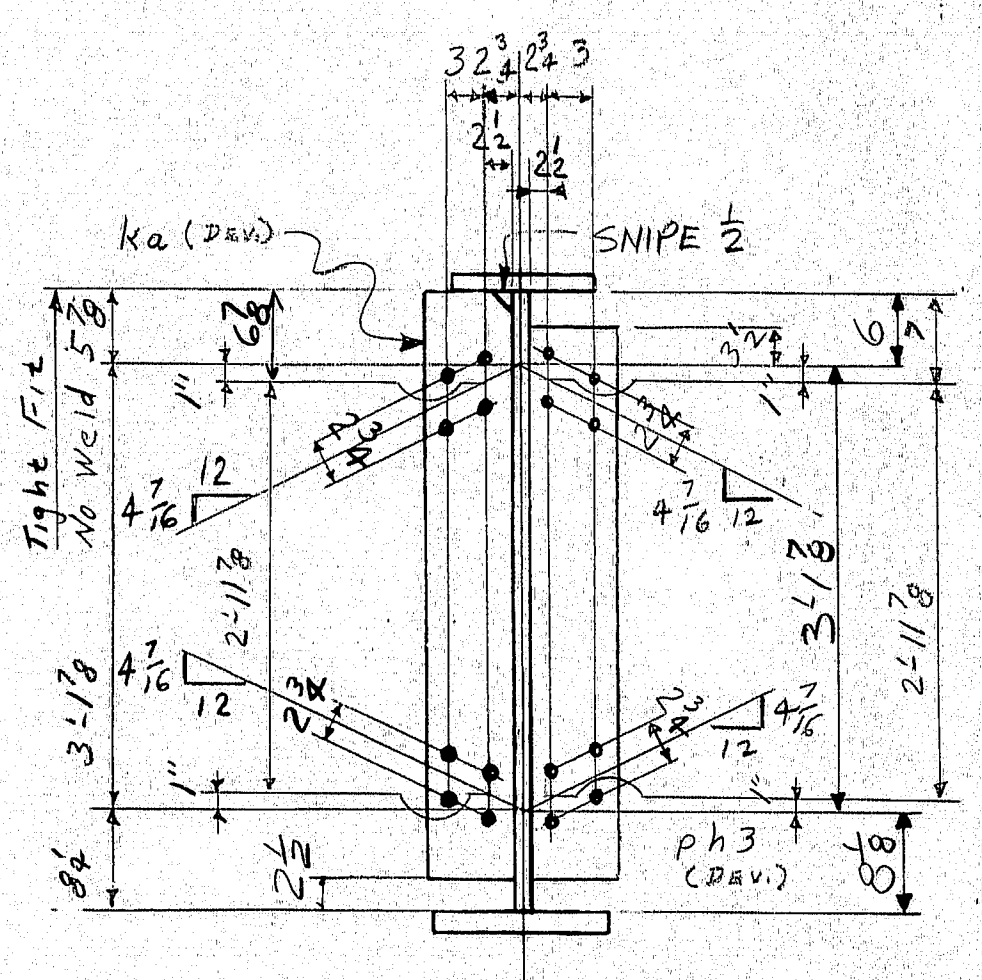
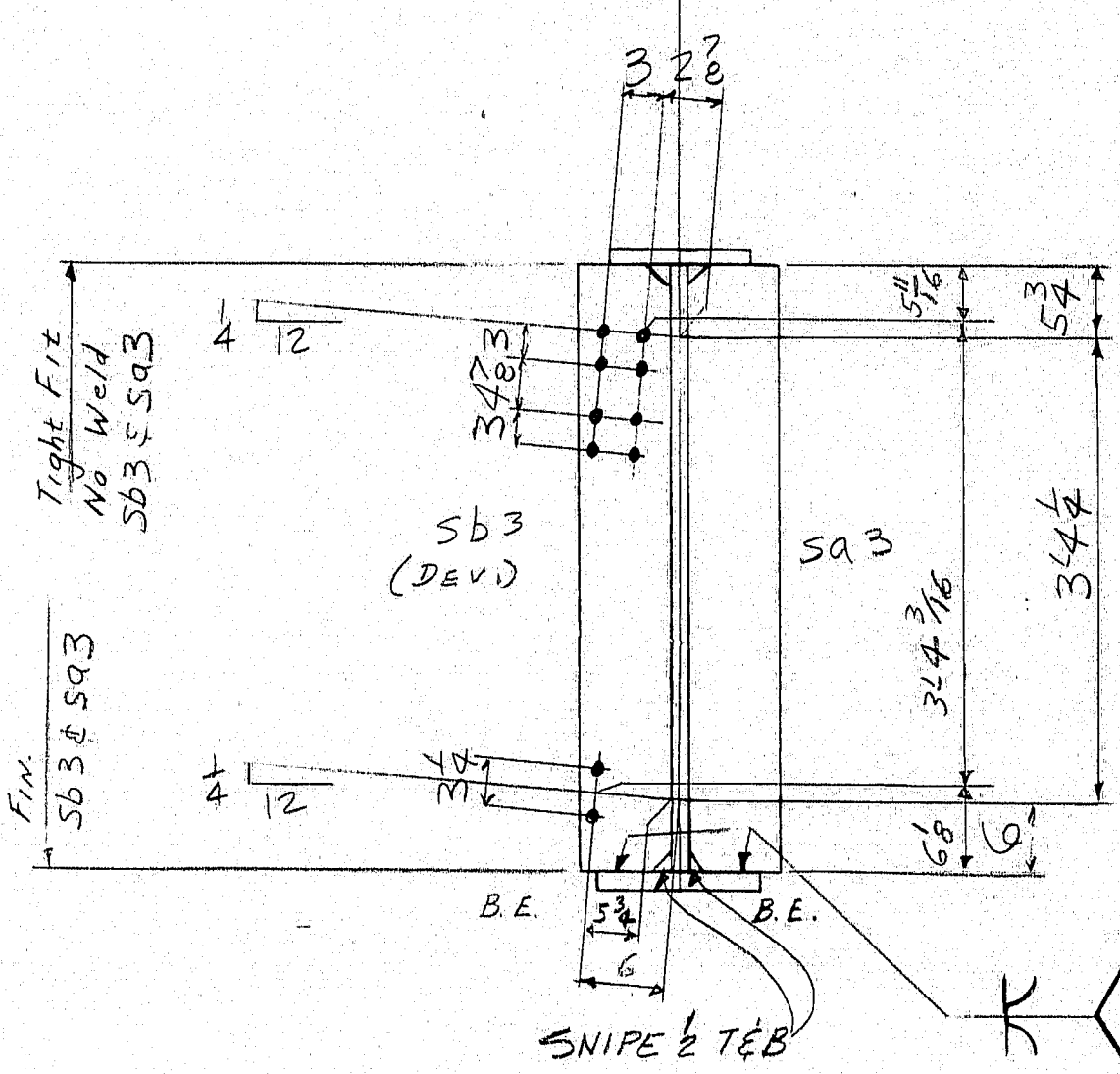
REVISIONS

145-32 ULTRASONIC □ RADIOGRAPHIC □ MAGNETIC PARTICLE □



| ITEM | NO. | QTY | MATERIAL | DIMENSIONS | LENGTH | FINISH | SHIPPING OR ASSEMBLING MARK | SHIPPING SPECIFICATIONS OR ASSEMBLING REFERENCE | REMARKS | ORDERED | REVISION |
|------|-----|-----|----------|------------|-----------|--------|-----------------------------|---|---------|---------|----------|
| | | | | | | | | | | | |
| 1 | | | GIRDER | | | | 19651 | 56X74 | | | |
| 2 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 3 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 4 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 5 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 6 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 7 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 8 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 9 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 10 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 11 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 12 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 13 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 14 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |
| 15 | 1 | 1 | PL 12 | 3/4 | 73'0 1/2" | | | | | | |

Scribe & BRG. on Edges of Box. Fig. This Portion of Box. Fig. to be truly at right angles to the web. NO PAINT BOTTOM OF FLANGE



FOR GENERAL NOTES SEE P1

Open holes are for high strength structural bolts unless noted 'A'. No PAINT within 5" of holes for high strength bolts.

NOTE B: If complete / continuous bearing is not obtained with bearing stiffener then weld as indicated.

FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET, REFER TO ELEVATION DRAWING.

| | | | | | |
|-----|-----|-------|--------|------|-------|
| REV | NO. | DATE | BY | CHKD | APP'D |
| 1 | 02 | 8/75 | ELMIRA | | |
| 2 | 01 | 11/75 | ELMIRA | | |

| | | | | | |
|-----|-----|-------|--------|------|-------|
| REV | NO. | DATE | BY | CHKD | APP'D |
| 1 | 02 | 8/75 | ELMIRA | | |
| 2 | 01 | 11/75 | ELMIRA | | |

U.S. American Bridge
Division of United States Steel Corporation

STATE OF MAINE
ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGadahoc, COUNTY

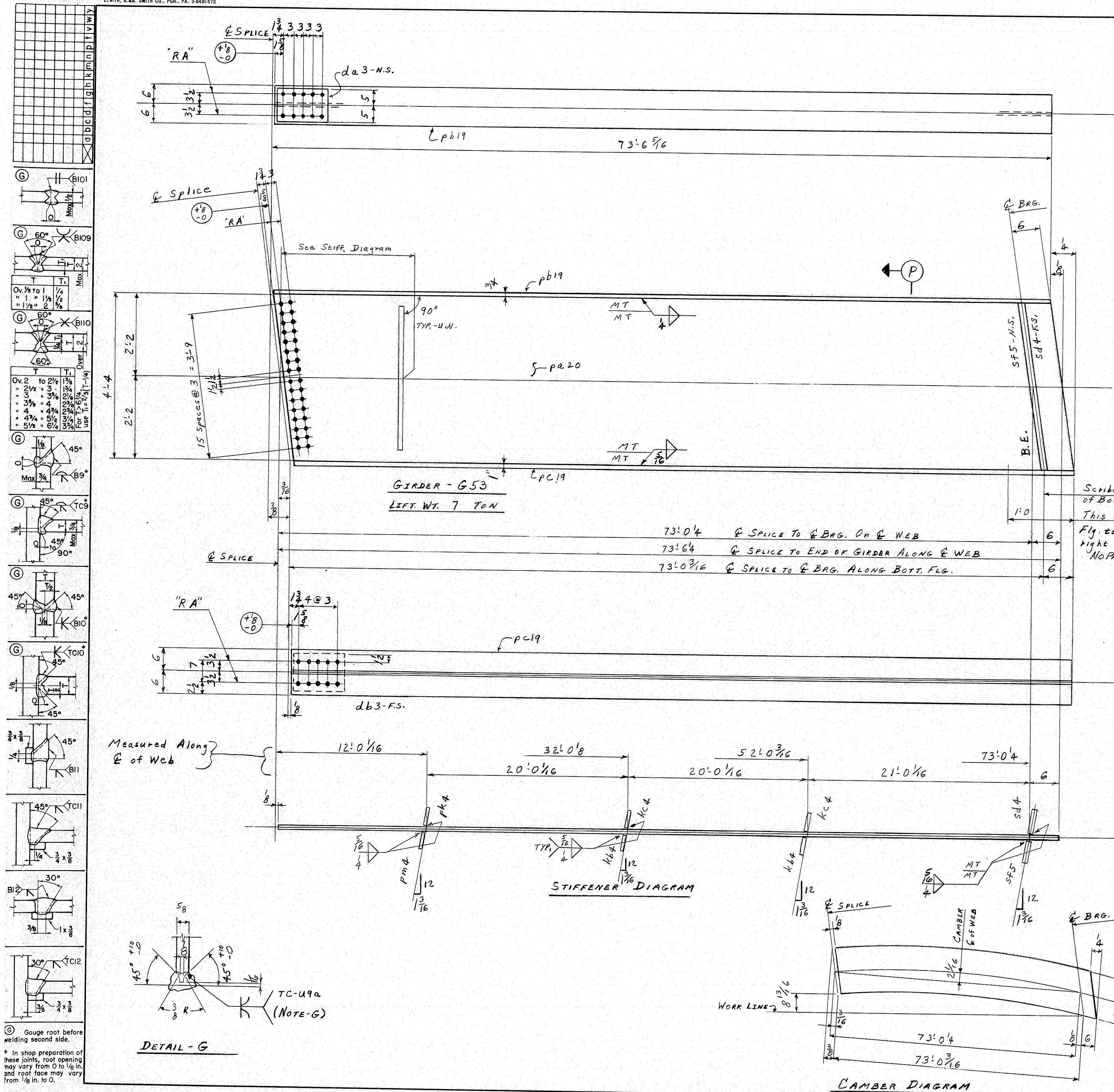
DRAWING MADE BY: **ELMIRA**
MADE BY: **RJM** DATE: **8/75** CHECKED BY: **RJS** DATE: **9/16/75**
IN CHARGE OF: **G.U. ROSENBERG** # 32

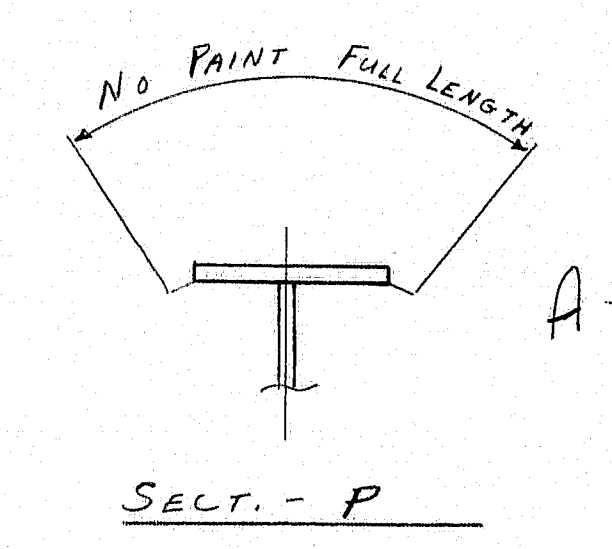
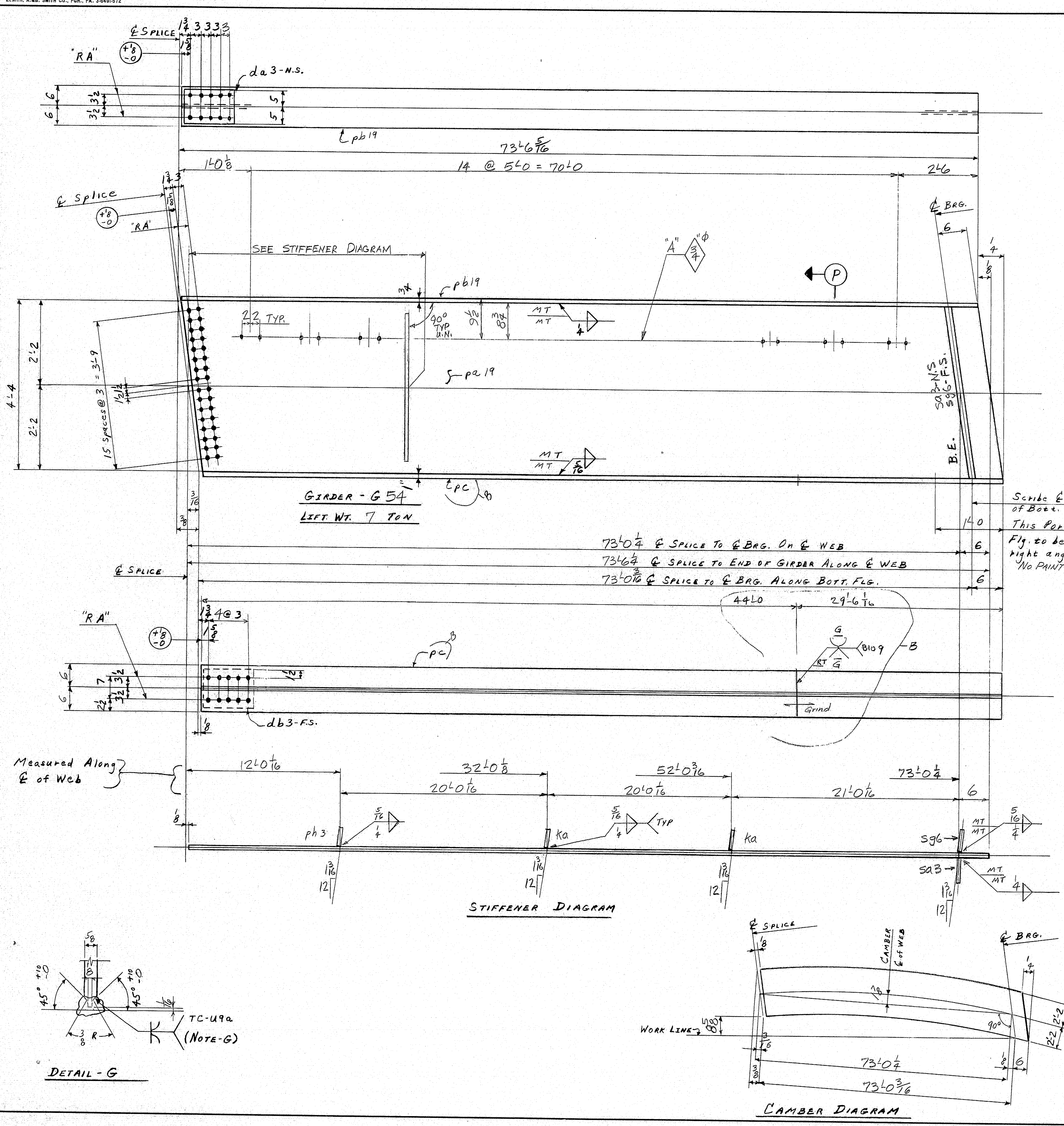
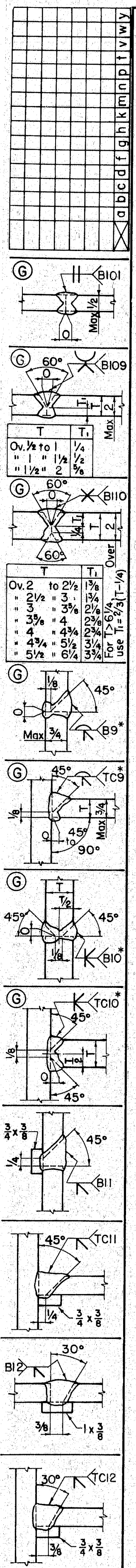
ORDER NO. **K 6682** SHEET NO. **19**

REVISIONS

145-33

Ultrasonic ☐ Radiographic ☐ Magnetic Particle ☐

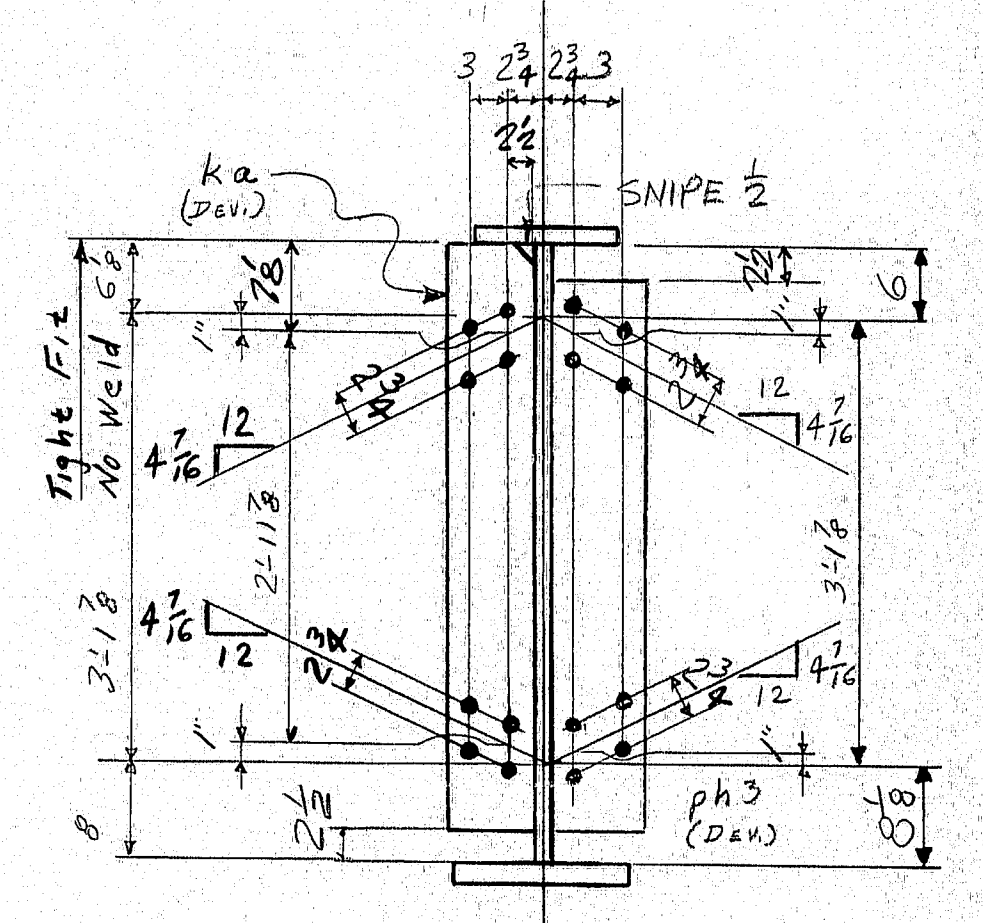
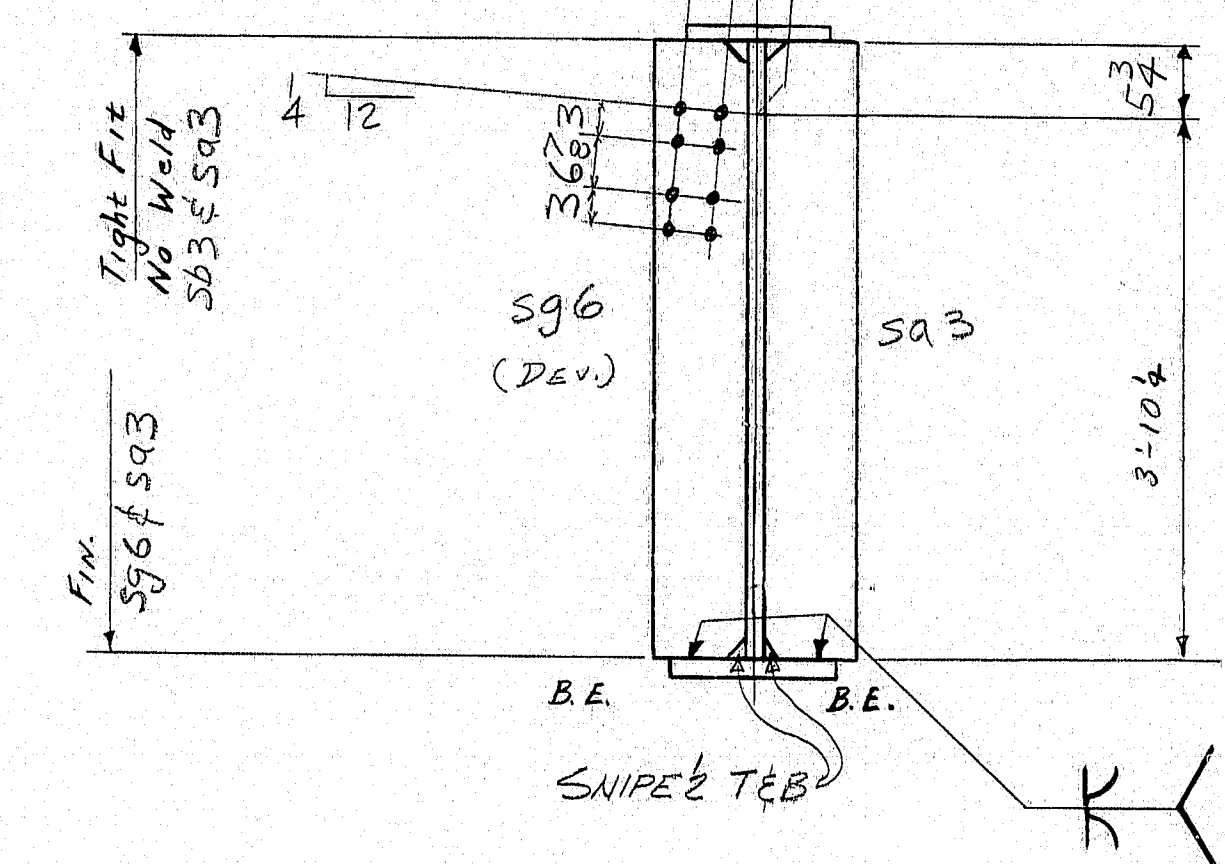




| D-6330 REV. 0-7-74 | | | | | | | | | | | | |
|--------------------|------|----------------------|-------------|------------|------------------|-----------------------------|--|---------|---------|------|--------------|------|
| ITEM NO. | QTY. | MATERIAL | | | FINISH AND TREAT | SHIPPING OR ASSEMBLING MARK | SHIPPING SPECIFICATIONS OR PACKING REFERENCE | REMARKS | ORDERED | | ADVANCE BILL | |
| | | NO. OF POLYON SHEETS | ABRBY DESC. | DIMENSIONS | | | | | LENGTH | FEET | INCH | DEC. |
| 1 | 1 | | | | | | | | | | | |
| 2 | 3 | | | | | | | | | | | |
| 3 | 1 | | | | | | | | | | | |
| 4 | 1 | PL 12 | 3/4 | 73'-6 5/16 | | | 22G54 | 56X74 | | | | |
| 5 | 1 | PL 52 | 1/2 | 73'-6 5/16 | | | | | | | | |
| 6 | 4 | PL 10 | 3/8 | 1'-3 | | | | | | | | |
| 7 | 1 | PL 10 | 3/8 | 1'-3 | | | | | | | | |
| 8 | 1 | PL 10 | 3/8 | 1'-3 | | | | | | | | |
| 9 | 2 | PL 7 | 3/8 | 4'-12 | | | | | | | | |
| 10 | 1 | PL 7 | 3/8 | 4'-4 | | | | | | | | |
| 11 | 1 | PL 7 | 3/8 | 4'-4 | | | | | | | | |
| 12 | 1 | PL 7 | 3/8 | 4'-4 | | | | | | | | |
| 13 | 1 | PL 12 | 1 | 44'-0 | | | | | | | | |
| 14 | 1 | PL 12 | 1 | 29'-6 1/2 | | | | | | | | |

Material - A36 U.N.

Scribe & BRG. on Edges of Bot. Fig.
This Portion of Bot. Fig. to be truly at right angles to the web.
NO PAINT BOTTOM OF FLANGE



FOR GENERAL NOTES SEE P1

Open holes are for high strength structural bolts unless noted -A.
No PAINT within 5" of holes for high strength bolts.

Holes - U.N.

PAINT: YES - U.N.
SHOP CONTACT SURFACES: NO

NOTE B:
If complete & continuous bearing is not obtained with bearing stiffener then weld as indicated.

FOR LOCATION OF SHIPPING DECKS SHOWN ON THIS SHEET, REFER TO SECTION DRAWING.

| | | | |
|------|----------|----|-------|
| REV. | DATE | BY | CHKD. |
| 1 | 02/11/75 | AM | |
| 2 | 04/15/75 | AM | |

| | | | |
|------|----------|----|-------|
| REV. | DATE | BY | CHKD. |
| 1 | 02/11/75 | AM | |
| 2 | 04/15/75 | AM | |

AMERICAN BRIDGE
Division of United States Steel Corporation

FABRICATION ASSIGNED TO: **ELMIRA**

DRAWING MADE BY: **ELMIRA**

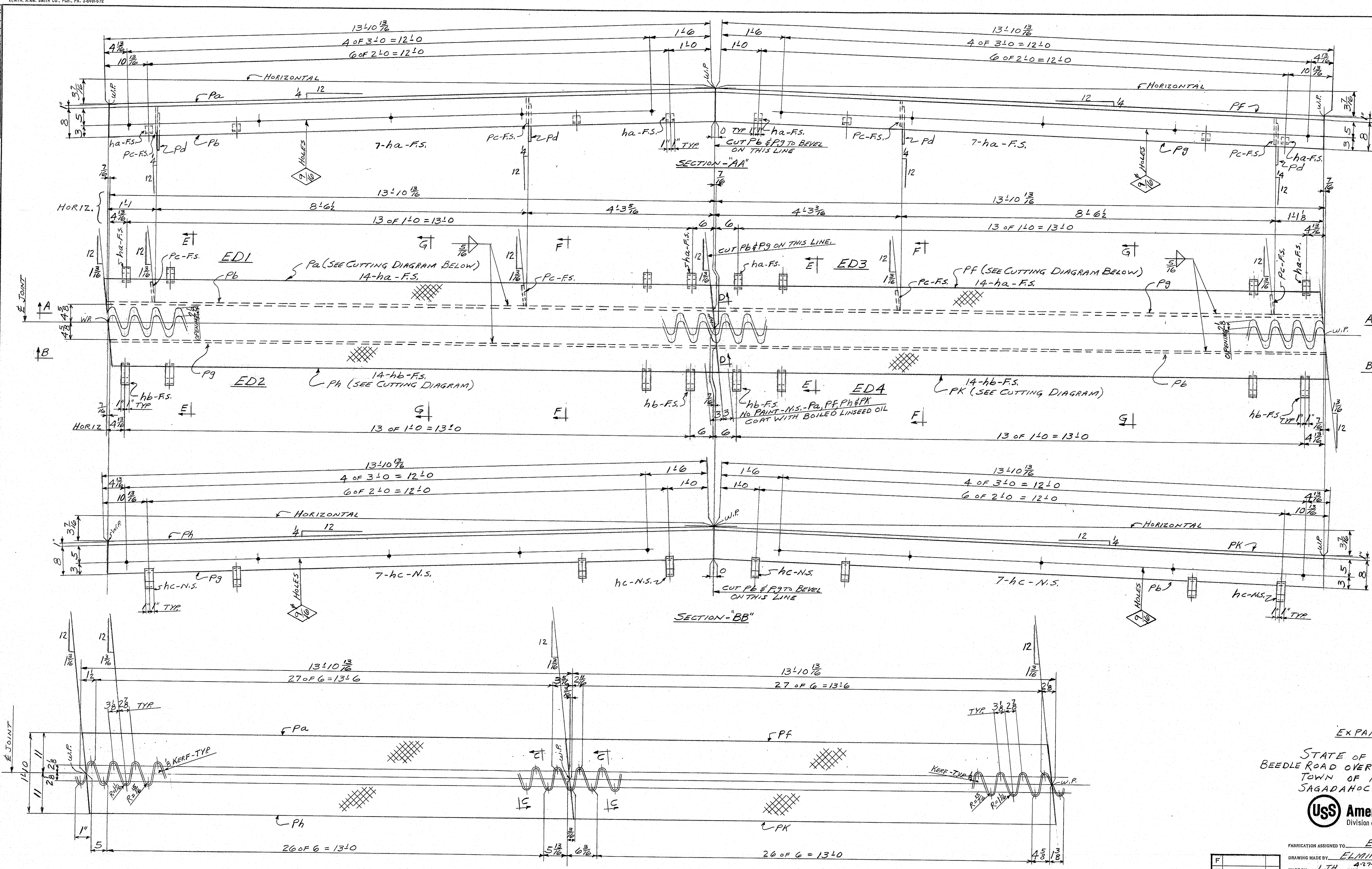
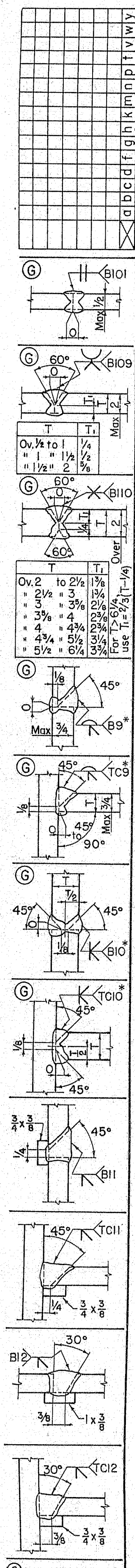
MADE BY: **RTM** DATE: **8/75** CHECKED BY: **RTS** DATE: **9/16/75**

IN CHARGE OF: **G. U. ROTHMEL** JR.

ORDER NO: **K 6682** SHEET NO: **22**

145-36

Ultrasonic ☐ Radiographic ☐ Magnetic Particle ☐



CUTTING DIAGRAM FOR RS, PA, PF, PH & PK

* In shop preparation of these joints, root opening may vary from 0.125 in. and root face may vary from 1/16 in. to 0.

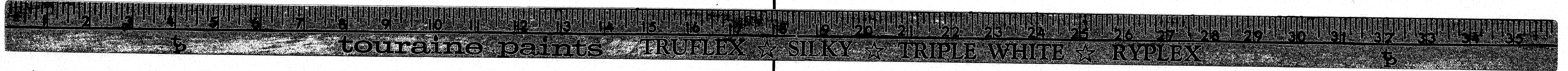
EXPANSION DAM
STATE OF MAINE
BEEBLE ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGadahoc COUNTY



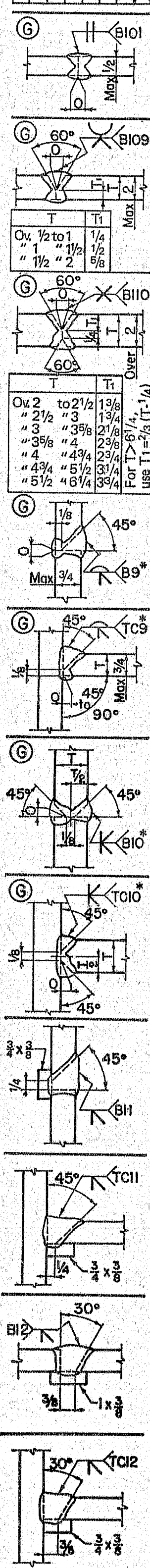
| | | | |
|-------------------------|--|--------|--|
| FABRICATION ASSIGNED TO | | ELMIRA | |
| DRAWING MADE BY | | ELMIRA | |
| MADE BY | | LJH | |
| IN CHARGE OF | | GUR | |
| ORDER NO | | K6682 | |
| SHEET NO. | | 23AB | |
| REVISIONS | | | |

02-44240

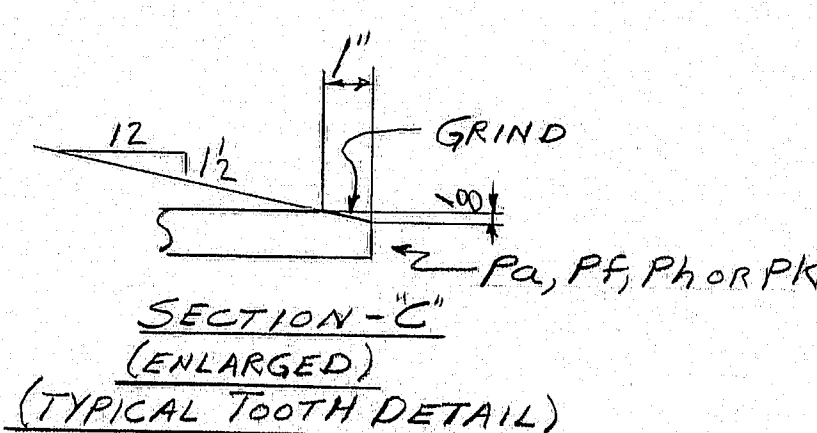
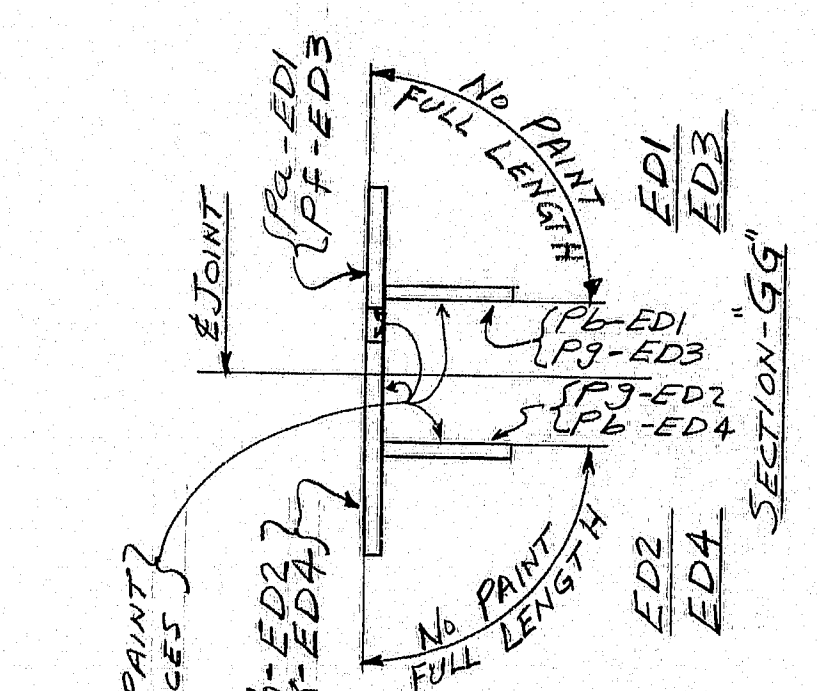
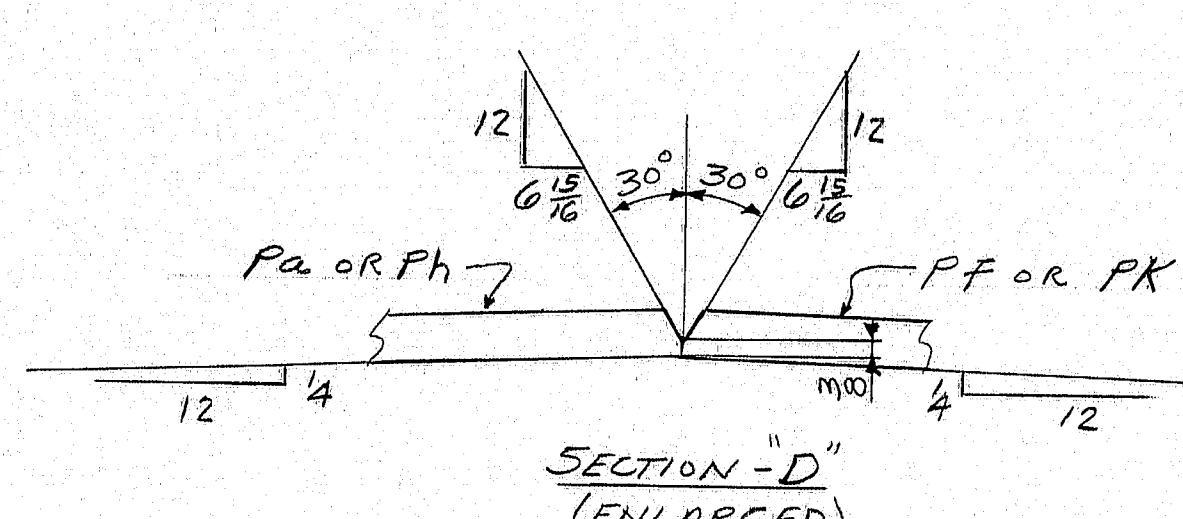
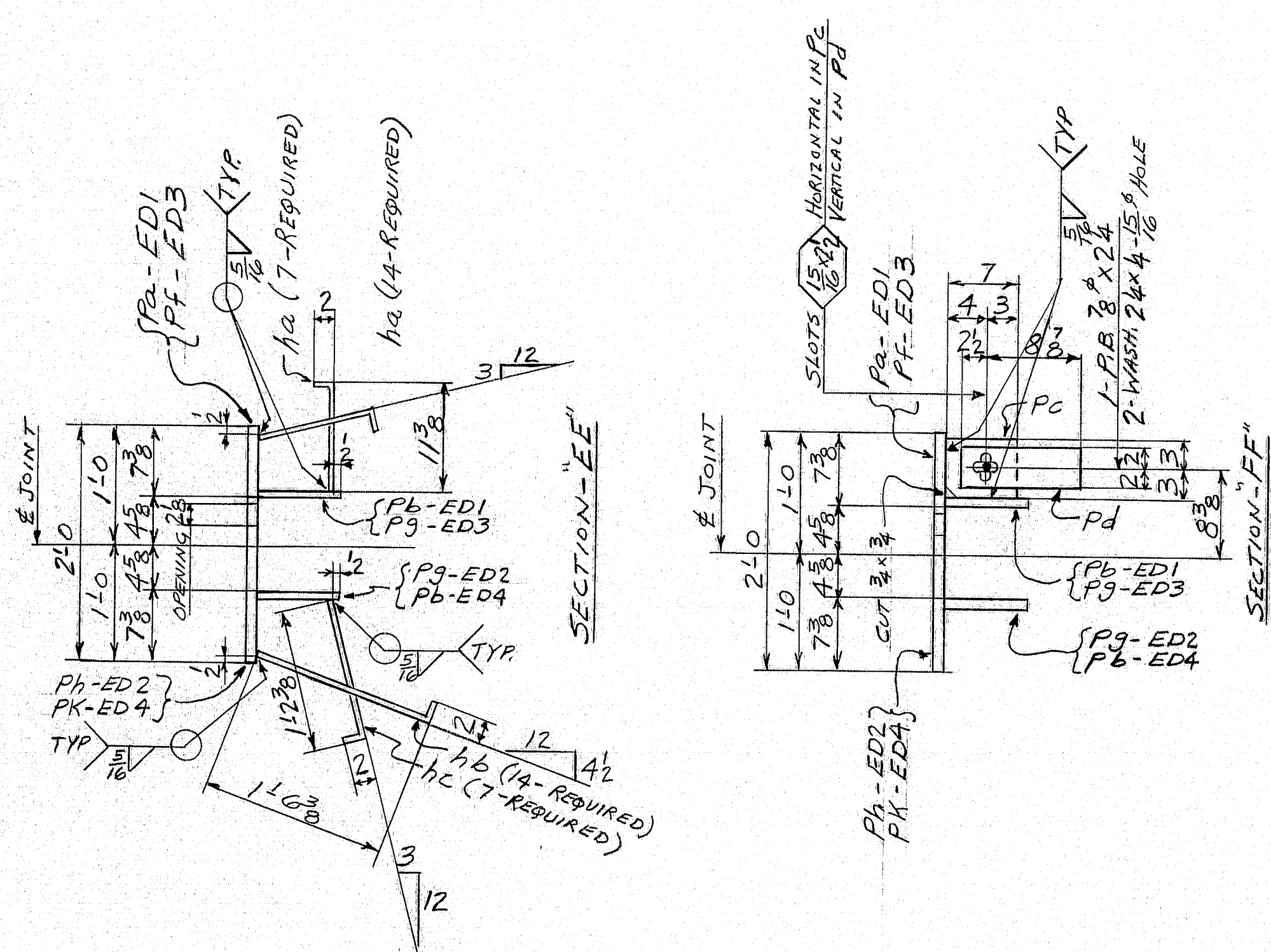
145-37



| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | |



* In shop preparation of these joints, root opening may vary from 1/16 to 1/8 in. and root face may vary from 1/8 in. to 0.



| ITEM | QTY | MATERIAL | FINISH | SHIPPING OR ASSEMBLING MARK | REMARKS | ORDERED | ADVANCE |
|------|-----|-----------|--------|-----------------------------|---------|---------|---------|
| | | | | | | | |
| 1 | 1 | END DAM | | 23ED1 | | | |
| 2 | 1 | FP 14 1/2 | 1 | 14 0 3/4 | | | |
| 3 | 1 | FLT 8 | 3/8 | 13 11 | | | |
| 4 | 2 | FLT 2 | 3/8 | 1 1 BEND | | | |
| 5 | 2 | FLT 4 | 3/8 | 11 8 | | | |
| 6 | 2 | FLT 7 | 3/8 | 11 8 | | | |
| 7 | 2 | WASH 24 | 4 | 15 1/4 | | | |
| 8 | 1 | END DAM | | 23ED2 | | | |
| 9 | 1 | FP 14 1/2 | 1 | 14 0 3/4 | | | |
| 10 | 1 | FLT 8 | 3/8 | 13 11 | | | |
| 11 | 14 | FLT 2 | 3/8 | 1 8 BEND | | | |
| 12 | 7 | FLT 2 | 3/8 | 1 4 BEND | | | |
| 13 | 1 | END DAM | | 23ED3 | | | |
| 14 | 1 | FP 14 1/2 | 1 | 14 0 3/4 | | | |
| 15 | 1 | FLT 8 | 3/8 | 13 11 | | | |
| 16 | 14 | FLT 2 | 3/8 | 1 8 BEND | | | |
| 17 | 7 | FLT 2 | 3/8 | 1 4 BEND | | | |
| 18 | 2 | WASH 24 | 4 | 15 1/4 | | | |
| 19 | 1 | END DAM | | 23ED4 | | | |
| 20 | 1 | FP 14 1/2 | 1 | 14 0 3/4 | | | |
| 21 | 1 | FLT 8 | 3/8 | 13 11 | | | |
| 22 | 14 | FLT 2 | 3/8 | 1 8 BEND | | | |
| 23 | 7 | FLT 2 | 3/8 | 1 4 BEND | | | |

ALL MATERIAL - A36 - U.I.

FOR GENERAL NOTES SEE P1
HOLES AS NOTED
PAINT: YES UNLESS NOTED
SHOP CONTACT SURFACES: NO

EXPANSION DAM
STATE OF MAINE
BEEDLE ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGadahoc COUNTY

NOTE TO SHOP:
CHECK KERF OPENING, BLOCK AS REQUIRED AND BAND ED1 TO ED2 AND ED3 TO ED4 TOGETHER FOR SHIPMENT.

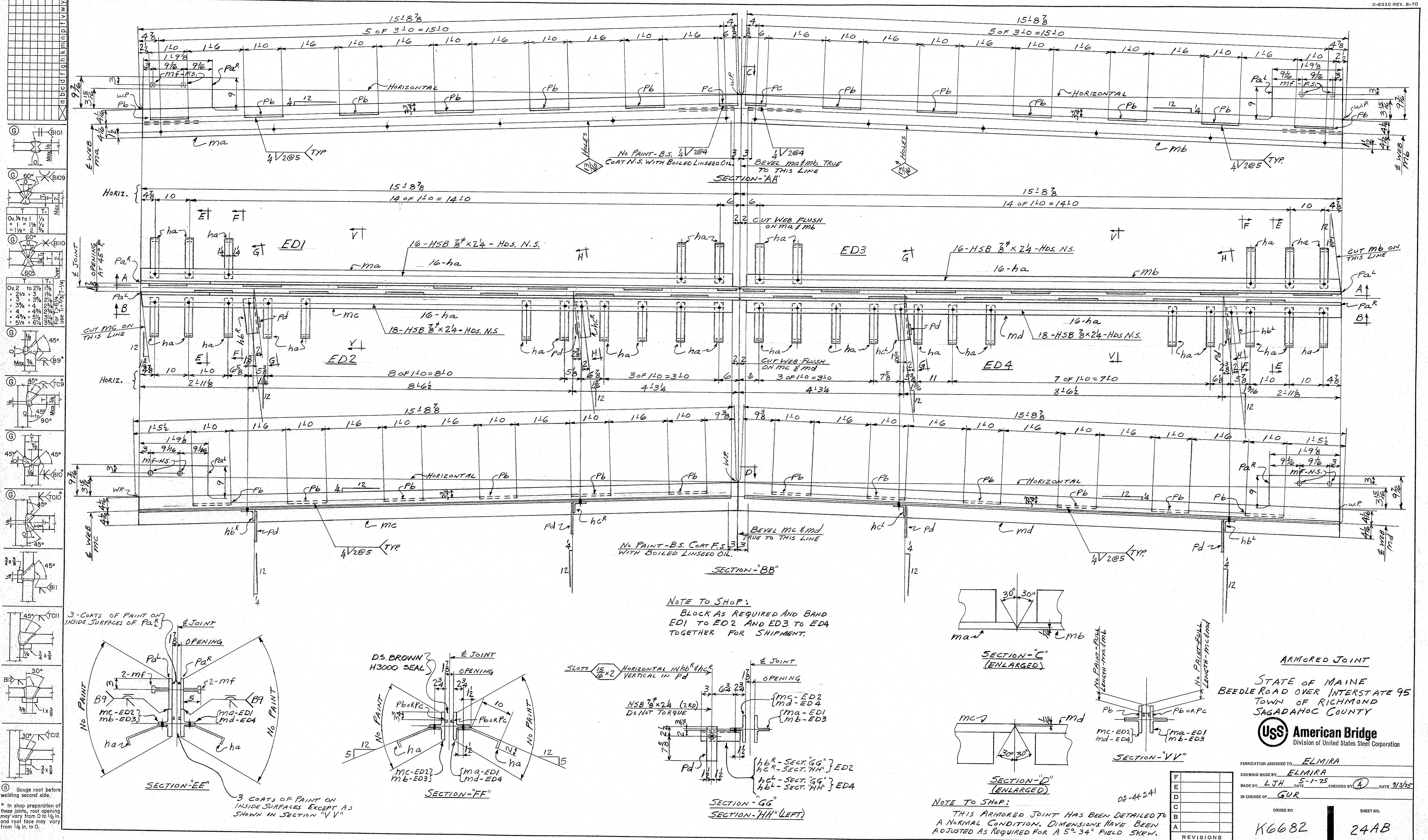
| | | | |
|--------------|-----------------|---|--|
| FAB. FLT. 02 | REV. CODE 44240 | F | |
| NO. 1 | COST CENTERS | E | |
| 2 | PROD. CODE | D | |
| 3 | NON BASIC | C | |
| 4 | CONTROL | B | |
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U.S. American Bridge
Division of United States Steel Corporation

FABRICATION ASSIGNED TO: ELMIRA
DRAWING MADE BY: ELMIRA
MADE BY: L.J.H. DATE: 4-28-75
IN CHARGE OF: GUR

ORDER NO. K6682
SHEET NO. 23B

145-38



* In shop preparation of these joints, root opening may vary from 0 to 1/8 in. and root face may vary from 1/8 in. to 0.

ARMORED JOINT

STATE OF MAINE
BEEDLE ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGadahoc COUNTY

U.S.S. American Bridge
Division of United States Steel Corporation

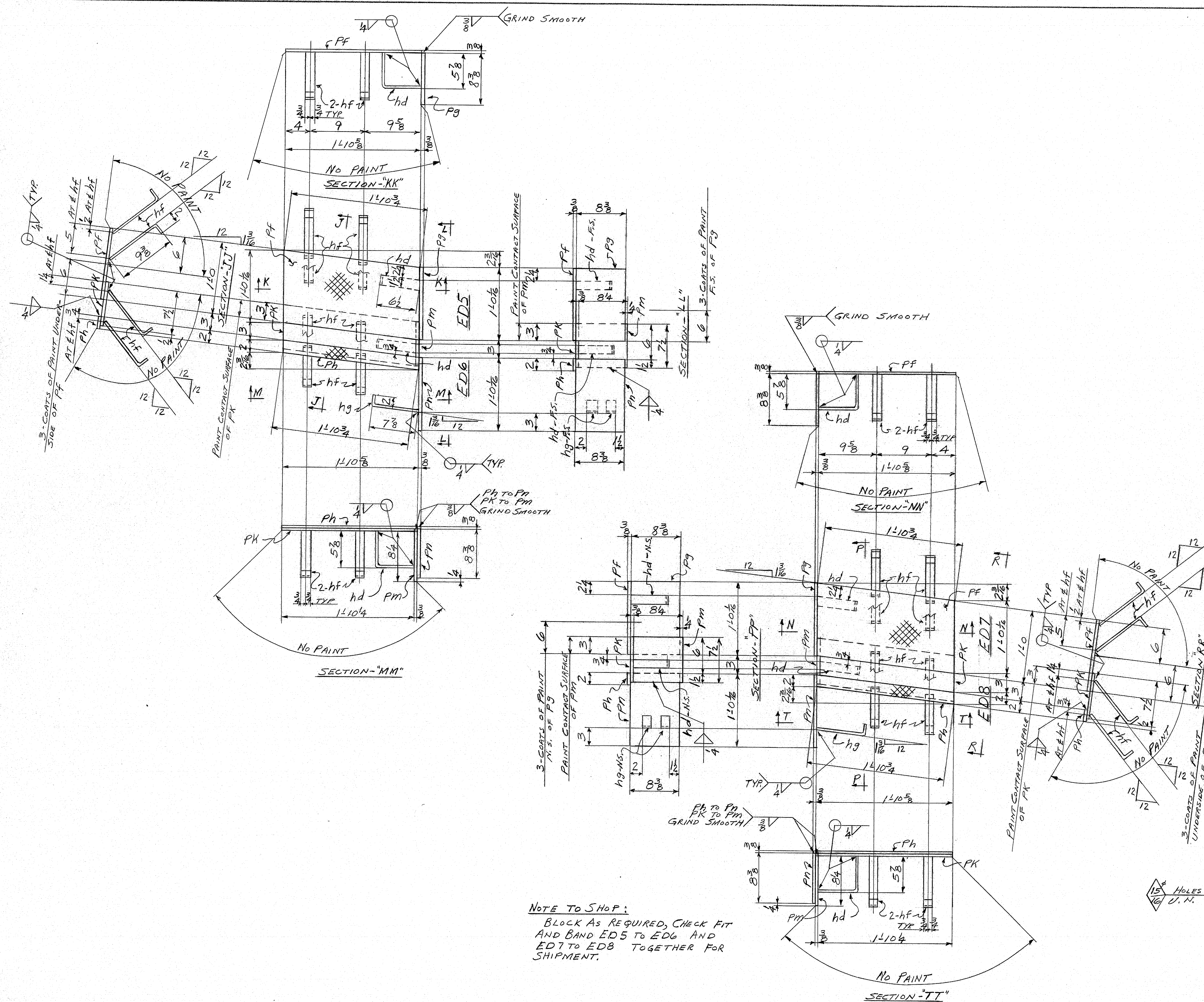
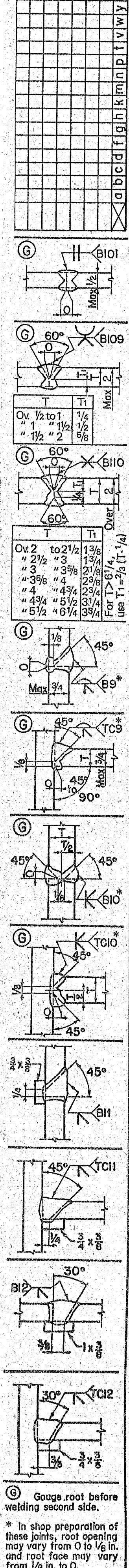
FABRICATION ASSIGNED TO: ELMIRA
DRAWING MADE BY: ELMIRA
MADE BY: L.J.H. DATE: 5-1-75 CHECKED BY: A. DATE: 9/3/75
IN CHARGE OF: GUR

ORDER NO. K6682 SHEET NO. 24AB

REVISIONS

| REVISIONS | DATE | BY | DESCRIPTION |
|-----------|------|----|-------------|
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ZENITH A. & B. SMITH CO., PHIL., PA. 3988-274



NOTE TO SHOP:
BLOCK AS REQUIRED, CHECK FIT
AND BAND ED5 TO ED6 AND
ED7 TO ED8 TOGETHER FOR
SHIPMENT.

| D-400 REV. 2-74 | | | | | | | | | | ORDERED | | ADVANCE BILL | |
|-----------------|----------|------------------------|----------|------------|------|--------|-----------------------------|------|--|---------|------|--------------|--|
| ITEM NO. | LINE NO. | SPEC. | MATERIAL | | | | SHIPPING OR ATTACHMENT MARK | | REMARKS | ITEM | LINE | SPEC. | |
| | | | QTY. | UNIT | WELD | FINISH | QTY. | UNIT | | | | | |
| 1 | 1 | END DAM | | | | | | | | | | | |
| 2 | 1 | WT 4 24 | 15 | 7/8 | | | | | | | | 4/01 | |
| 3 | 1 | FL 9/16 5/8 | 1 | 9/8 | | | | | | | | 4/06 | |
| 4 | 1 | FL 2 3/8 | 1 | 2 3/8 BEND | | | | | | | | 4/02 | |
| 5 | 6 | 5/8 | 2 | 10 | | | | | | | | 4/05 | |
| 6 | 1 | 5/8 | 2 | 6 | | | | | | | | 4/05 | |
| 7 | 1 | 1/2 5/8 | 8 | RD 24 | | | | | | | | M2/1 | |
| 8 | 2 | X WELD STUDS 3/4 x 5/8 | | | | | | | A325 (AFTER WELD ASTM A108) (used 3/4 x 5/8) | | | M2/1 | |
| 9 | 1 | END DAM | | | | | | | | | | | |
| 10 | 1 | WT 4 24 | 15 | 9/8 | | | | | | | | 4/01 | |
| 11 | 1 | FL 9/16 5/8 | 1 | 9/8 | | | | | | | | 4/06 | |
| 12 | 1 | FL 2 3/8 | 1 | 2 3/8 BEND | | | | | | | | 4/02 | |
| 13 | 6 | 5/8 | 2 | 10 | | | | | | | | 4/05 | |
| 14 | 2 | X WELD STUDS 3/4 x 5/8 | | | | | | | used 3/4 x 5/8 | | | M2/1 | |
| 15 | 18 | 1/2 5/8 | 8 | RD 24 | | | | | A325 | | | M2/1 | |
| 16 | 2 | 1/2 5/8 | 8 | RD 24 | | | | | A325 | | | M2/1 | |
| 17 | 1 | L 3/4 3/8 | 3 | 11/4 BEND | | | | | | | | 4/03 | |
| 18 | 1 | L 3/4 3/8 | 3 | 11/4 BEND | | | | | | | | 4/03 | |
| 19 | 2 | FL 2 3/8 | 1 | 10 1/8 | | | | | | | | 4/04 | |
| 20 | 1 | END DAM | | | | | | | | | | | |
| 21 | 1 | WT 4 24 | 15 | 9/8 | | | | | | | | 4/01 | |
| 22 | 1 | FL 9/16 5/8 | 1 | 9/8 | | | | | | | | 4/06 | |
| 23 | 1 | FL 2 3/8 | 1 | 2 3/8 BEND | | | | | | | | 4/02 | |
| 24 | 6 | 5/8 | 2 | 10 | | | | | | | | 4/05 | |
| 25 | 1 | 5/8 | 2 | 6 | | | | | | | | 4/05 | |
| 26 | 1 | 1/2 5/8 | 8 | RD 24 | | | | | A325 | | | M2/1 | |
| 27 | 2 | X WELD STUDS 3/4 x 5/8 | | | | | | | used 3/4 x 5/8 | | | M2/1 | |
| 28 | 1 | END DAM | | | | | | | | | | | |
| 29 | 1 | WT 4 24 | 15 | 9/8 | | | | | | | | 4/01 | |
| 30 | 1 | FL 9/16 5/8 | 1 | 9/8 | | | | | | | | 4/06 | |
| 31 | 1 | FL 2 3/8 | 1 | 2 3/8 BEND | | | | | | | | 4/02 | |
| 32 | 6 | 5/8 | 2 | 10 | | | | | | | | 4/05 | |
| 33 | 2 | X WELD STUDS 3/4 x 5/8 | | | | | | | used 3/4 x 5/8 | | | M2/1 | |
| 34 | 18 | 1/2 5/8 | 8 | RD 24 | | | | | A325 | | | M2/1 | |
| 35 | 2 | 1/2 5/8 | 8 | RD 24 | | | | | A325 | | | M2/1 | |
| 36 | 1 | L 3/4 3/8 | 3 | 11/4 BEND | | | | | | | | 4/03 | |
| 37 | 1 | L 3/4 3/8 | 3 | 11/4 BEND | | | | | | | | 4/03 | |
| 38 | 2 | FL 2 3/8 | 1 | 10 1/8 | | | | | | | | 4/04 | |
| 39 | 1 | END DAM | | | | | | | | | | | |
| 40 | 1 | FP 12 3/8 | 1 | 11 1/8 | | | | | 5-400 | | | 4/11 | |
| 41 | 1 | FL 9/16 5/8 | 1 | 9/8 | | | | | | | | 4/09 | |
| 42 | 1 | FL 2 3/8 | 1 | 2 3/8 BEND | | | | | | | | 4/14 | |
| 43 | 4 | FL 1 1/2 3/8 | 1 | 11 BEND | | | | | | | | 4/13 | |
| 44 | 1 | END DAM | | | | | | | | | | | |
| 45 | 1 | FP 2 3/8 | 1 | 10 1/8 | | | | | 5-400 | | | 4/12 | |
| 46 | 1 | FL 7/8 3/8 | 1 | 11 1/8 | | | | | | | | 4/15 | |
| 47 | 1 | FL 7/8 3/8 | 1 | 8 1/4 | | | | | | | | 4/10 | |
| 48 | 1 | PL 8 3/8 3/8 | 1 | 10 1/8 | | | | | | | | 4/09 | |
| 49 | 1 | FL 1 1/2 3/8 | 1 | 11 1/8 | | | | | | | | 4/14 | |
| 50 | 4 | FL 2 3/8 | 1 | 10 1/8 | | | | | | | | 4/13 | |
| 51 | 2 | FL 1 1/2 3/8 | 1 | 9 1/2 BEND | | | | | | | | 4/13 | |
| 52 | 1 | END DAM | | | | | | | | | | | |
| 53 | 1 | FP 2 3/8 | 1 | 10 1/8 | | | | | | | | 4/11 | |
| 54 | 1 | FL 7/8 3/8 | 1 | 11 1/8 | | | | | | | | 4/15 | |
| 55 | 1 | FL 7/8 3/8 | 1 | 8 1/4 | | | | | | | | 4/10 | |
| 56 | 1 | PL 8 3/8 3/8 | 1 | 10 1/8 | | | | | | | | 4/09 | |
| 57 | 1 | END DAM | | | | | | | | | | | |
| 58 | 1 | FP 2 3/8 | 1 | 10 1/8 | | | | | | | | 4/12 | |
| 59 | 1 | FL 7/8 3/8 | 1 | 11 1/8 | | | | | | | | 4/15 | |
| 60 | 1 | FL 7/8 3/8 | 1 | 8 1/4 | | | | | | | | 4/10 | |
| 61 | 1 | PL 8 3/8 3/8 | 1 | 10 1/8 | | | | | | | | 4/09 | |
| 62 | 1 | FL 1 1/2 3/8 | 1 | 11 1/8 | | | | | | | | 4/14 | |
| 63 | 4 | FL 2 3/8 | 1 | 10 1/8 | | | | | | | | 4/13 | |
| 64 | 2 | FL 1 1/2 3/8 | 1 | 9 1/2 BEND | | | | | | | | 4/13 | |

ALL MATERIAL - A36-U.N.
FOR GENERAL NOTES SEE P1
PART: YES - UNLESS NOTED
SHOP CONTACT SURFACES: NO-U.N.

ARMORED JOINT AND SIDEWALK EXPANSION DAM
STATE OF MAINE
BEEDE ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGADAHOC COUNTY

U.S.S. American Bridge
Division of United States Steel Corporation

FABRICATION ASSIGNED TO: ELMIRA
DRAWING MADE BY: ELMIRA
MADE BY: LTH DATE: 5-5-75 CHECKED BY: DATE: 7/3/75
IN CHARGE OF: GUR

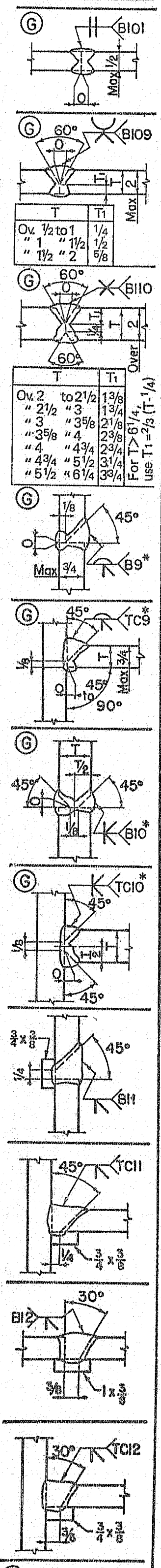
FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO Erection Plans.

ORDER NO. K6682
SHEET NO. 24B

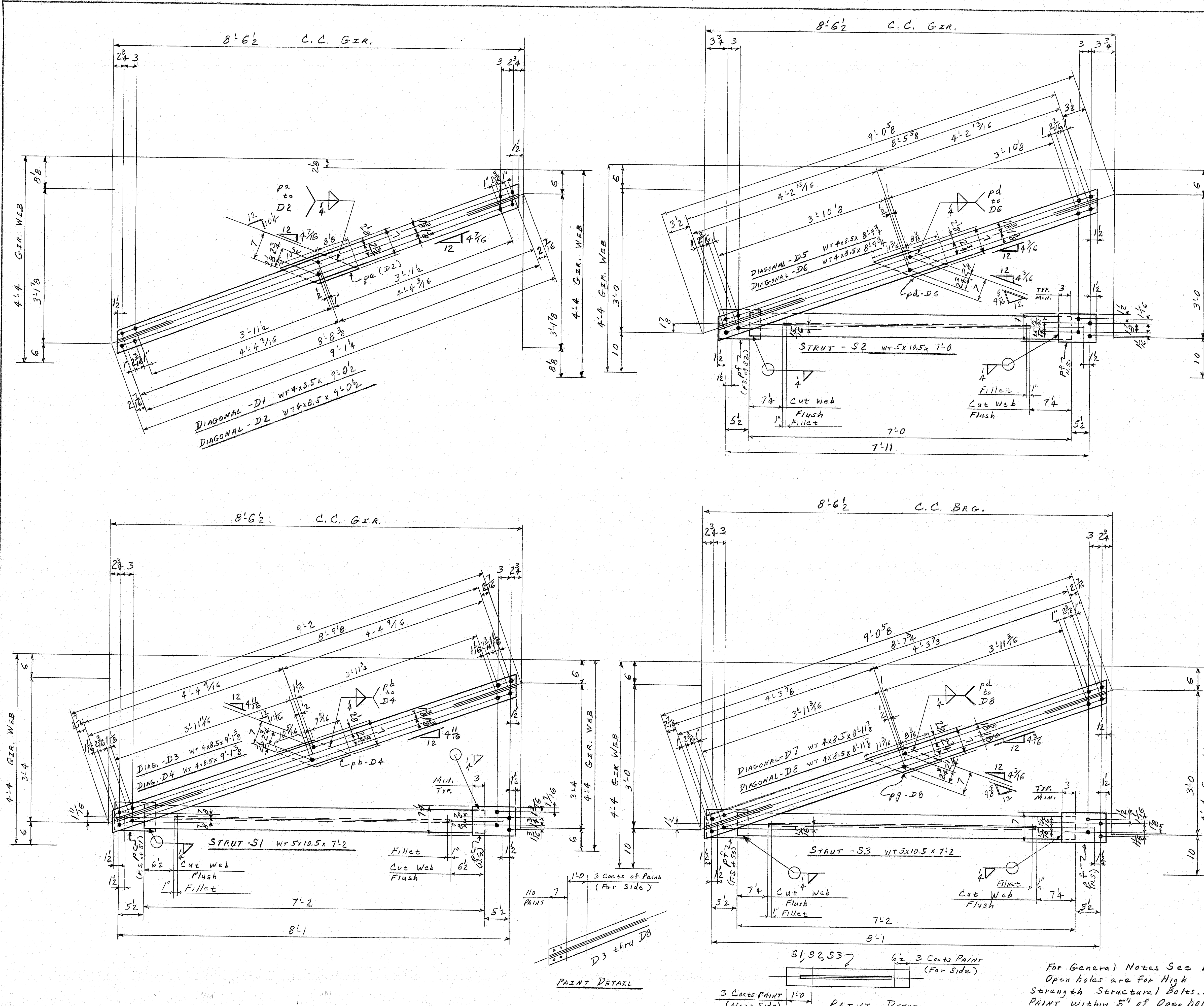
145-40

touraine paints TRUFLEX SILKY TRIPLE WHITE RYPLEX

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| a | b | c | d | e | f | g | h | i | j | k | l | m | n | o | p | q | r | s | t | u | v | w | x | y | z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|



* In shop preparation of these joints, root opening may vary from 1/16 to 1/8 in. and root face may vary from 1/8 in. to 1/4 in.



| ITEM NO. | QTY. | DESCRIPTION | UNIT | PRICE | TOTAL | REMARKS | ADVANCE | SPEC. |
|----------|------|-------------|------|-------|--------|---------|---------|-------|
| 1 | 20 | WT 4 | 8.5 | 9.02 | 180.40 | 25D1 | | |
| 2 | 20 | WT 4 | 8.5 | 9.02 | 180.40 | 25D2 | | |
| 3 | 20 | FLT 7 | 3.8 | 1.63 | 32.60 | pa | D2 | |
| 4 | 6 | WT 4 | 8.5 | 9.13 | 54.78 | 25D3 | | |
| 5 | 6 | WT 4 | 8.5 | 9.13 | 54.78 | 25D4 | | |
| 6 | 6 | FLT 7 | 3.8 | 1.58 | 9.48 | pb | D4 | |
| 7 | 6 | WT 5 | 10.5 | 7.2 | 43.20 | 25S1 | | |
| 8 | 12 | FLT 7 | 3.8 | 1.0 | 12.00 | pc | | |
| 9 | 2 | WT 4 | 8.5 | 8.93 | 17.86 | 25D5 | | |
| 10 | 2 | WT 4 | 8.5 | 8.93 | 17.86 | 25D6 | | |
| 11 | 2 | FLT 7 | 3.8 | 1.78 | 3.56 | pd | D6 | |
| 12 | 2 | WT 5 | 10.5 | 7.0 | 14.00 | 25S2 | | |
| 13 | 4 | FLT 7 | 3.8 | 1.0 | 4.00 | pf | | |
| 14 | 4 | WT 4 | 8.5 | 8.11 | 32.44 | 25D7 | | |
| 15 | 4 | WT 4 | 8.5 | 8.11 | 32.44 | 25D8 | | |
| 16 | 4 | FLT 7 | 3.8 | 1.78 | 7.12 | pg | DB | |
| 17 | 4 | WT 5 | 10.5 | 7.2 | 28.80 | 25S3 | | |
| 18 | 8 | FLT 7 | 3.8 | 1.0 | 8.00 | pf | | |

DIAGONALS & STRUTS

STATE OF MAINE
BEEDLE ROAD OVER INTERSTATE 95
TOWN OF RICHMOND
SAGadahoc COUNTY

U.S.S. American Bridge
Division of United States Steel Corporation

FABRICATION ASSIGNED TO: **ELMIRA**

DRAWING MADE BY: **ELMIRA**

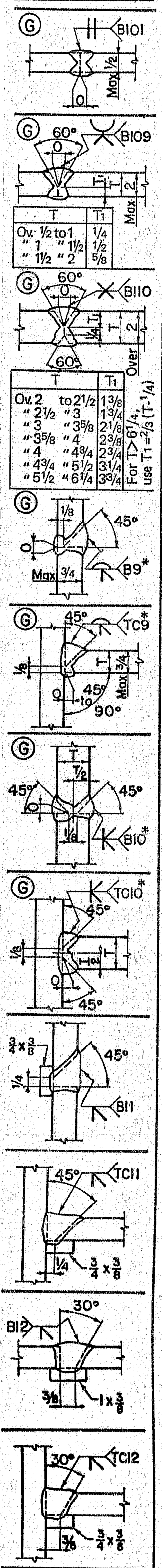
MADE BY: **RM** DATE: **8-17-75** CHECKED BY: **RJS** DATE: **9/16/75**

IN CHARGE OF: **G. U. ROTHMEL** **732**

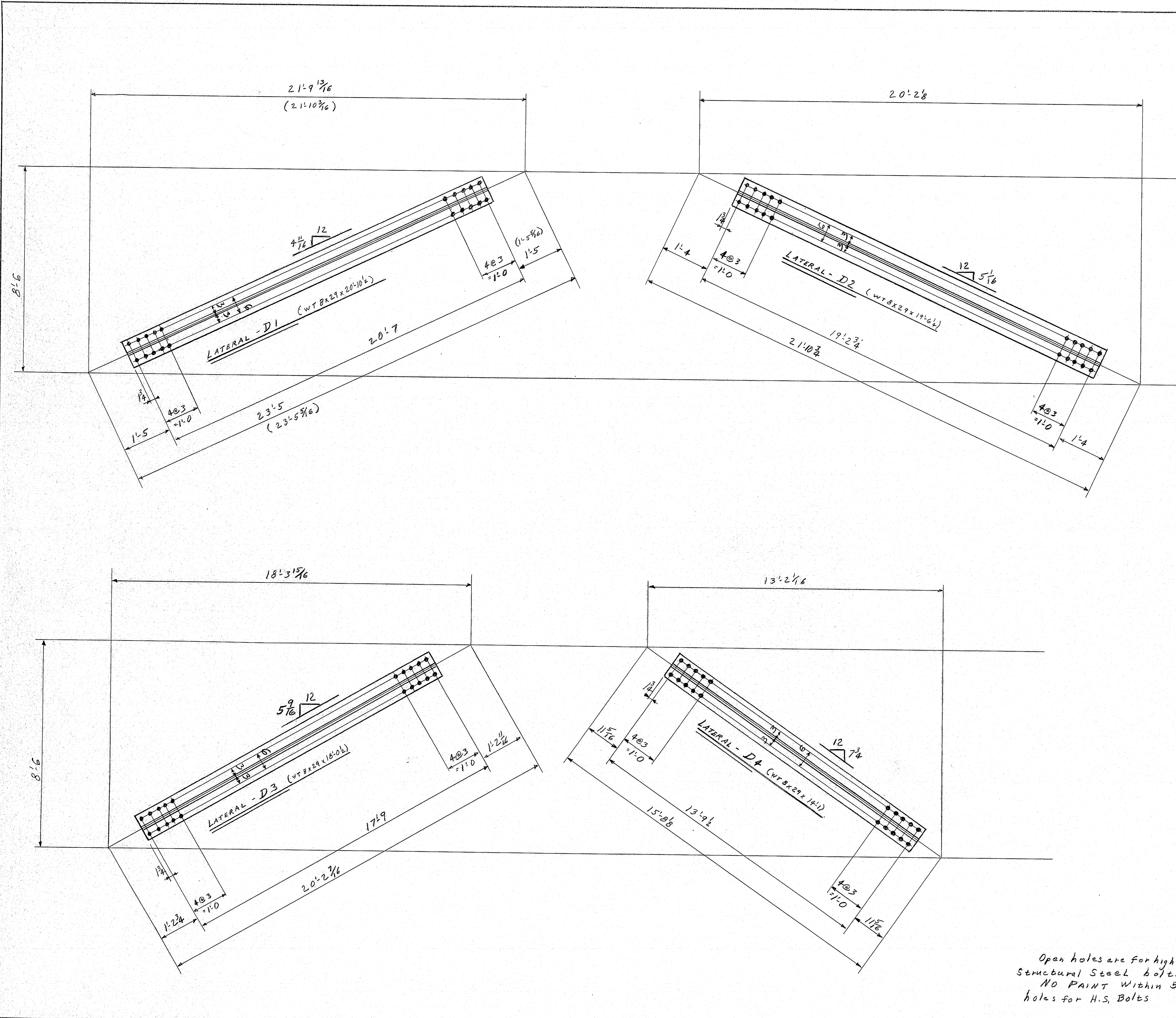
ORDER NO. **K 6682** SHEET NO. **25**

14-5-41

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|



⑥ Gauge root before welding second side.
* In shop preparation of these joints, root opening may vary from 0 to 1/8 in. and root face may vary from 1/8 in. to 0.



Open holes are for high strength structural steel bolts.
NO PAINT WITHIN 5" OF holes for H.S. Bolts

| 0-1000 REV. 2-74 | | | | | | | | | | | | | | |
|------------------|----------------------------|----------------------|---------------|-------------|------------------|-----------------------------------|-----------|-----------------------------|---|---------|---------|------|--------------|---|
| LINE NO. | TOTAL NO. OF POLY-ON ORDER | MATERIAL | | | | FURNISH AND ITEM | | SHIPPING OR ASSEMBLING MARK | SHIPPING SPECIFICATIONS OR ASSEMBLING REFERENCE | REMARKS | ORDERED | | ADVANCE BILL | |
| | | NO. OF POLY-ON PATCH | ABBRV. DESIG. | DESCRIPTION | LENGTH FEET INCH | FEET INCH | FEET INCH | | | | ITEM | LINE | SP. EC. | |
| 1 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | 2 | WT | 8 | 29 | 20'10 ¹ / ₂ | | 27D1 | | 10050 | | 3/62 | | L |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | 2 | WT | 8 | 29 | 19'6 ¹ / ₂ | | 27D2 | | 10050 | | 3/45 | | L |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | 2 | WT | 8 | 29 | 18'0 ¹ / ₂ | | 27D3 | | 10050 | | 3/60 | 3/27 | L |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | 1 | WT | 8 | 29 | 14'1 | | 27D4 | | 10050 | | 3/68 | | L |
| 17 | | | | | | | | | | | | | | |
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MATERIAL-A36

LATERALS
 STATE OF MAINE
 BEEDLE ROAD OVER INTERSTATE 95
 TOWN OF RICHMOND
 SAGadahoc, COUNTY
 American Bridge
 Division of United States Steel Corporation
 FABRICATION ASSIGNED TO: ELMIRA
 DRAWING MADE BY: ELMIRA
 MADE BY: MLL DATE: 8-20-75
 IN CHARGE OF: GUR
 ORDER NO. K6682
 SHEET NO. 27
 145-43