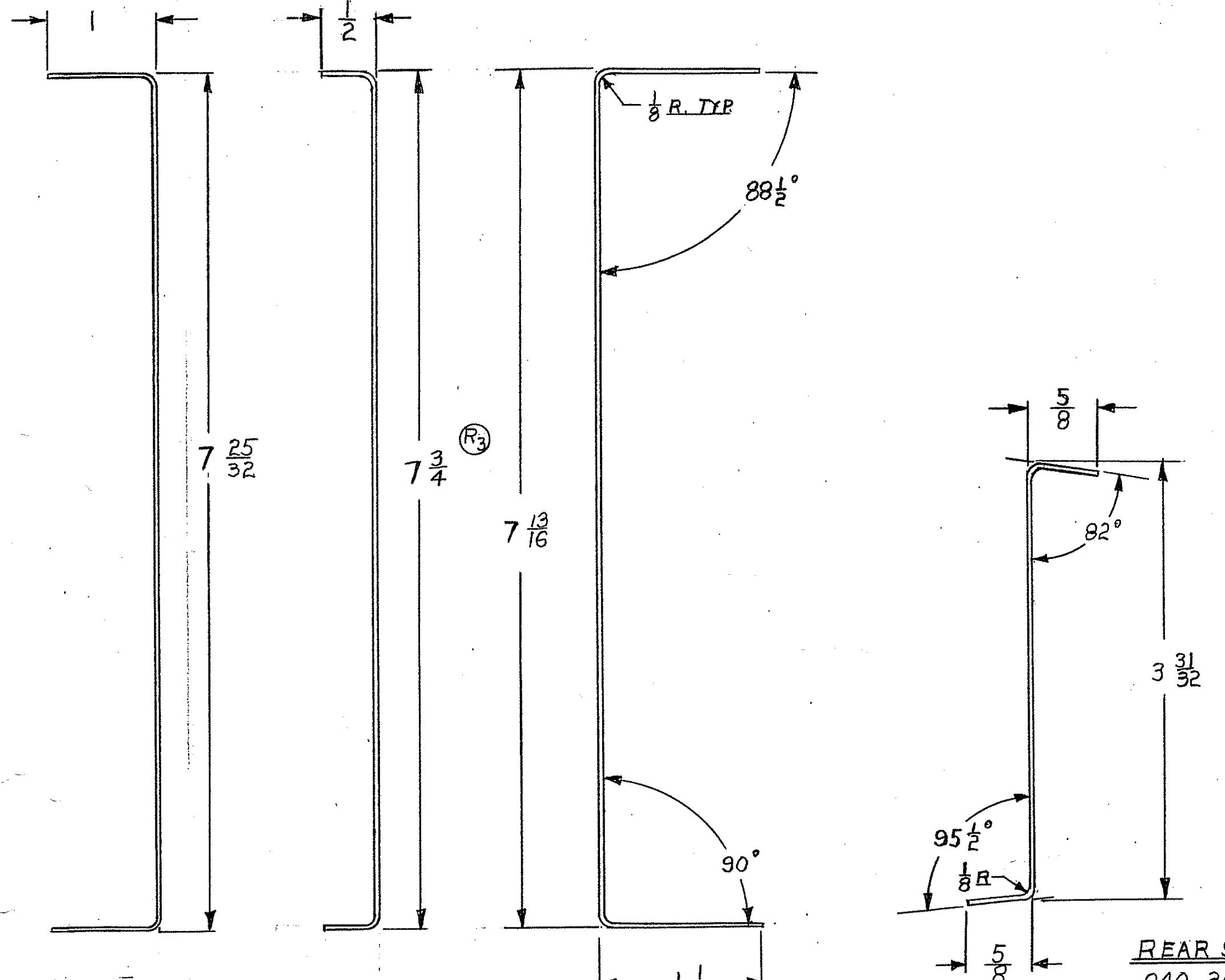
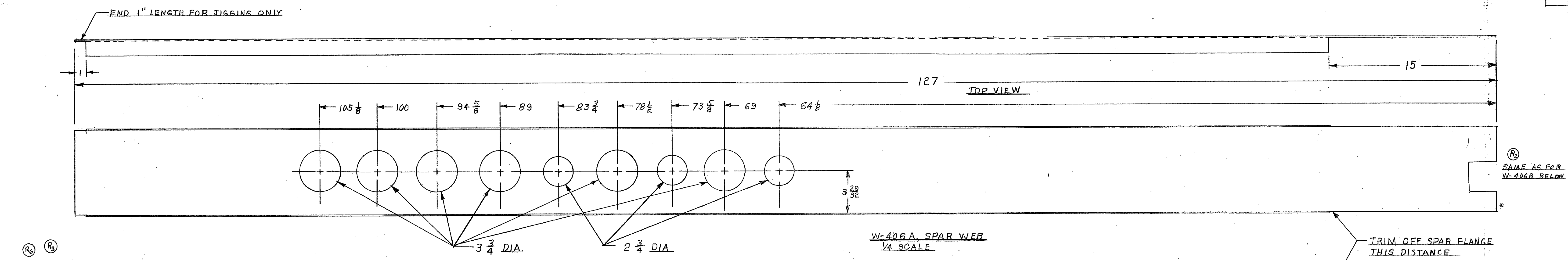


(R)

| | |
|----|---|
| R7 | ADDED DETAIL SHOWING W-603 TRIM |
| R8 | W-406-L WAS W-408L; W-409-L WAS W-409L W-4092-L WAS W-408L; W-410-L WAS W-408R; W-411R WAS W-411R; W-411-L WAS W-411L W-412-L WAS W-411L; W-413 WAS W-411L |

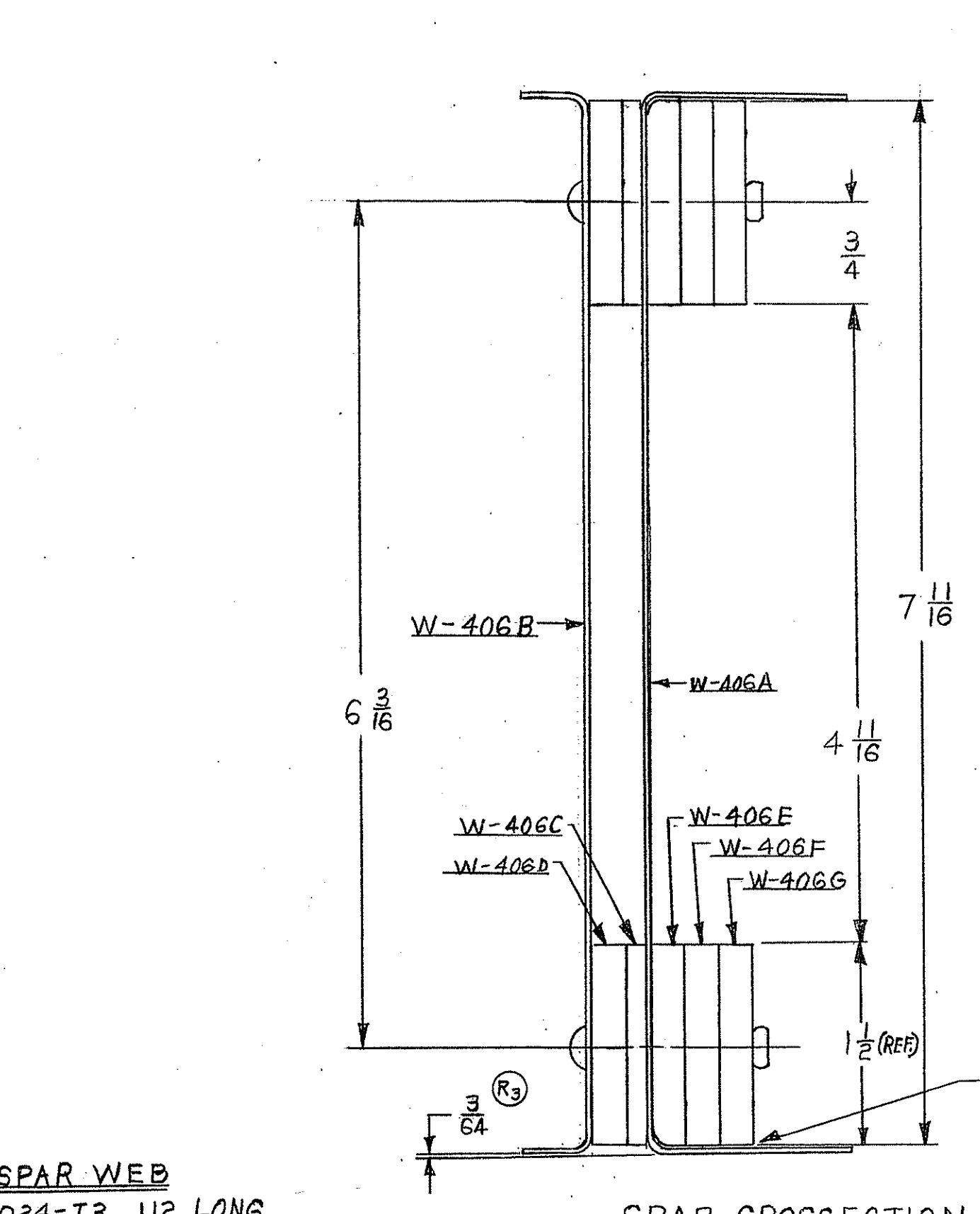
| | | | | |
|---|----------------|---------------------|--|---------------|
| Q | WINGS AND TAIL | VAN'S AIRCRAFT RV-4 | | DR |
| R | SCALE: QUARTER | 16-30-21 | | R. VAN'S RUNS |
| R | WING LAYOUT | | | |
| R | SERIAL NO. | 9 | | |



T-402 FUEL TANK BAFFLE
 .032 2024-T3
 2 REQ'D, 39" LONG

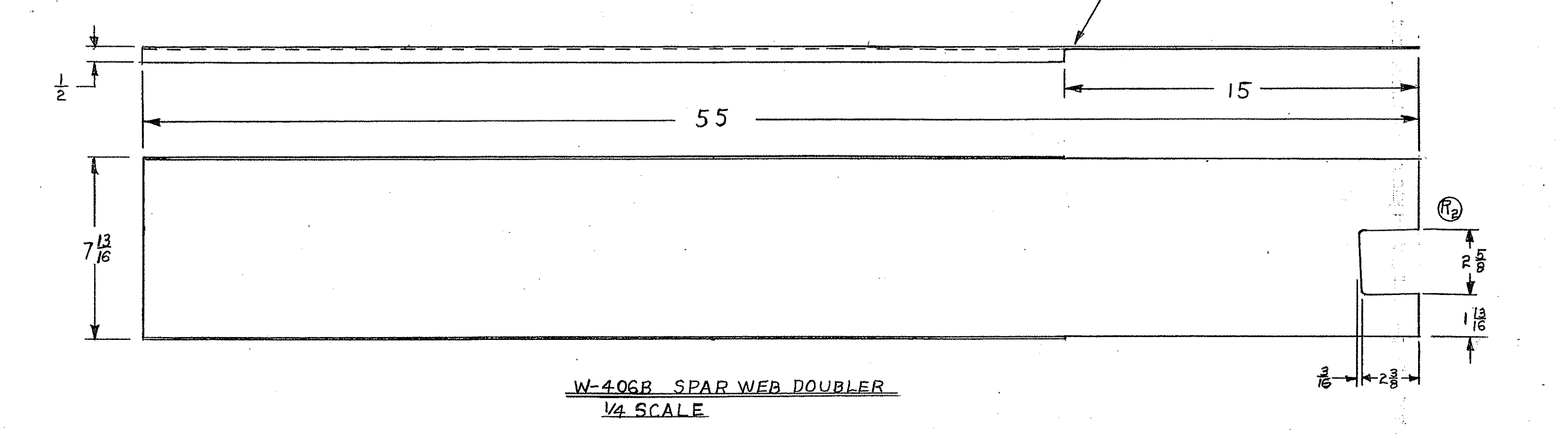
W-406B SPAR WEB DOUBLER
 .040 2024-T3
 55 LONG, 2 REQ'D

W-406A SPAR WEB
 .040 2024-T3, 127 LONG
 2 REQ'D



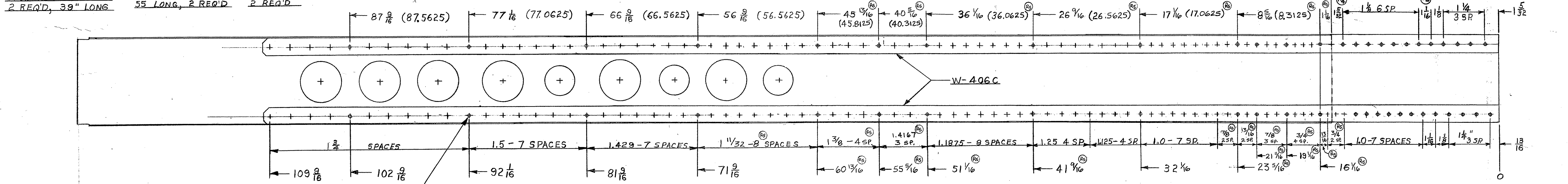
REAR SPAR WEB
 .040 2024-T3, 112 LONG
 2 REQ'D

SPAR CROSSSECTION AT STA. 16
 FULL SCALE



MATERIAL:
 W-406C: 1/2 x 1/8 2024-T4 BAR
 W-406D, E, F, G: 1 1/2 x 1/4 2024-T4 BAR

FLANGE STRIPS FLUSH WITH INSIDE OF WEB

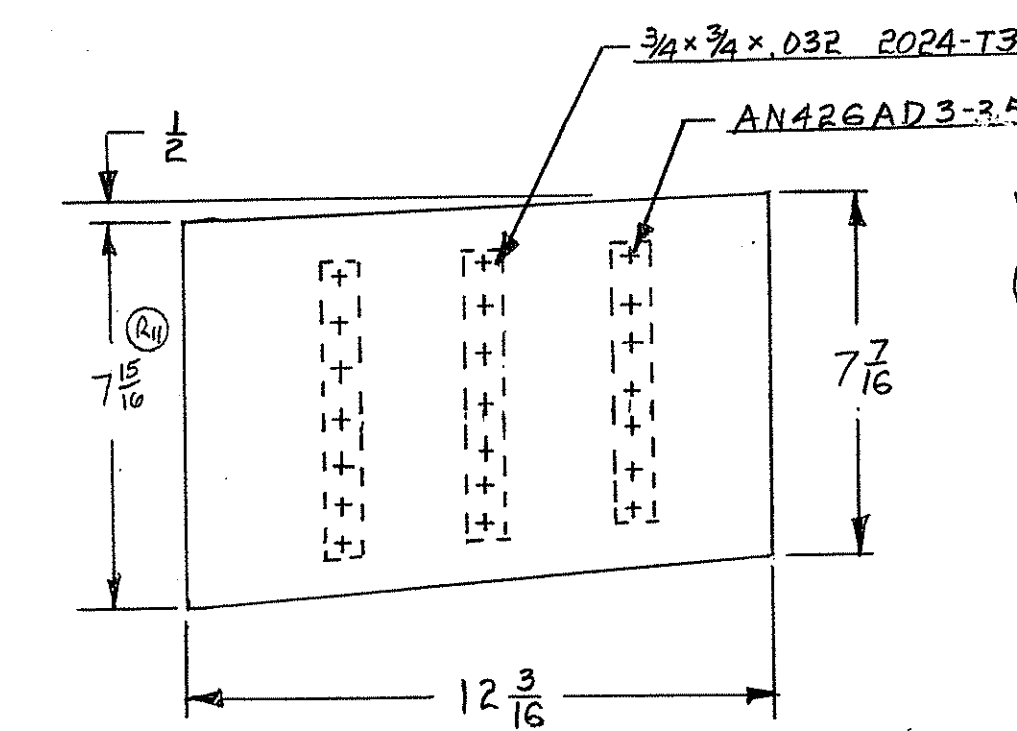
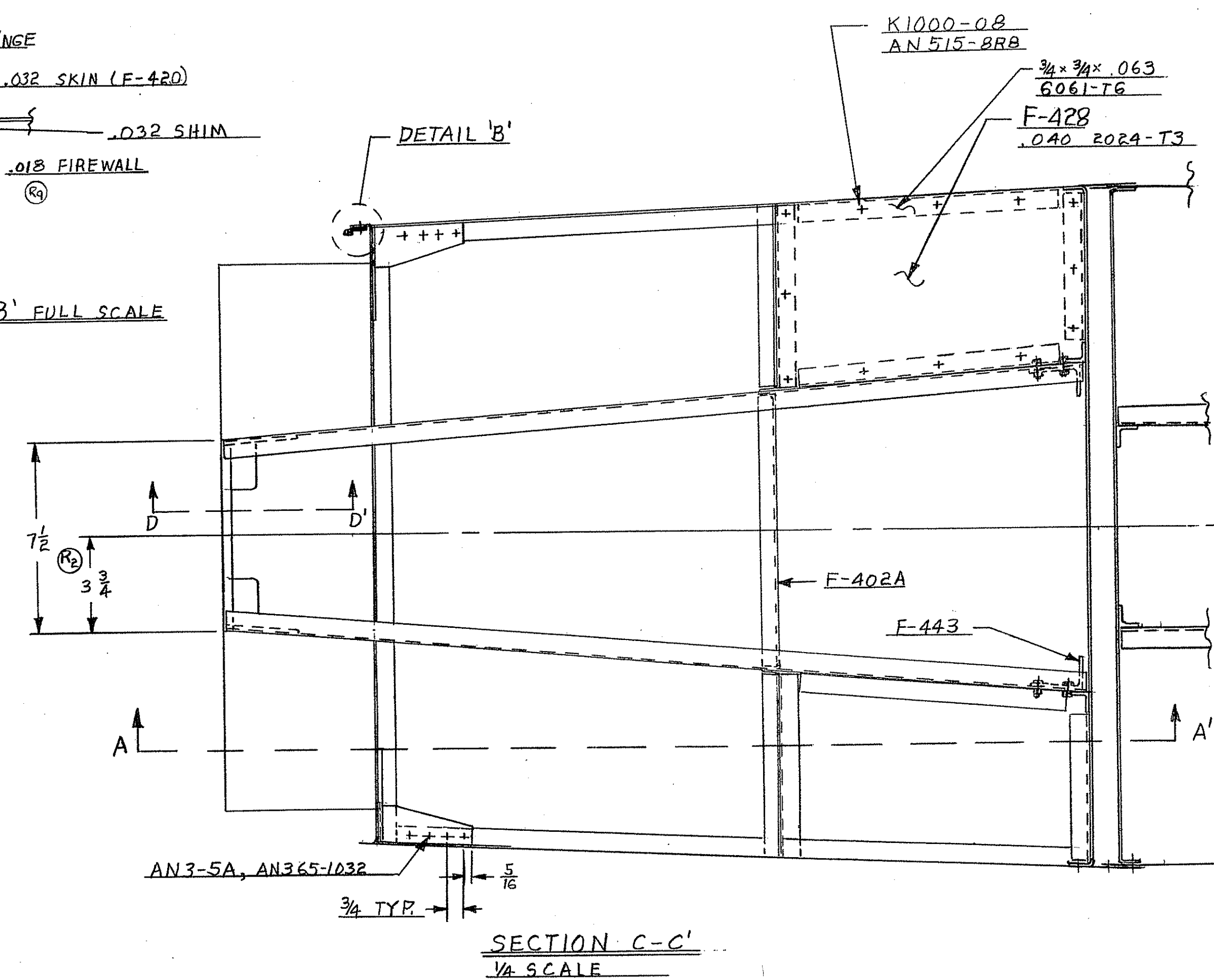
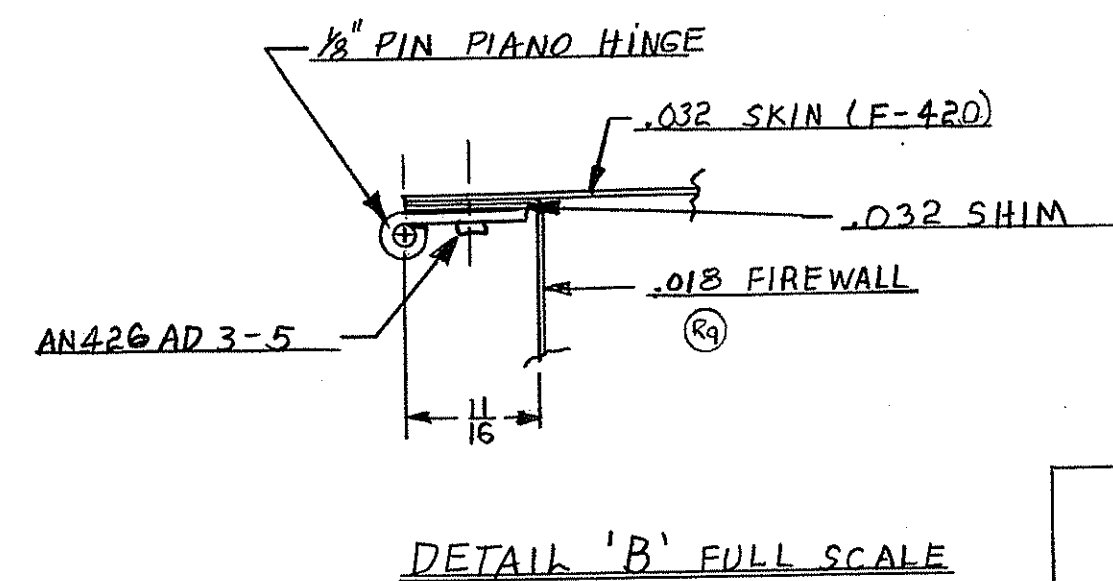
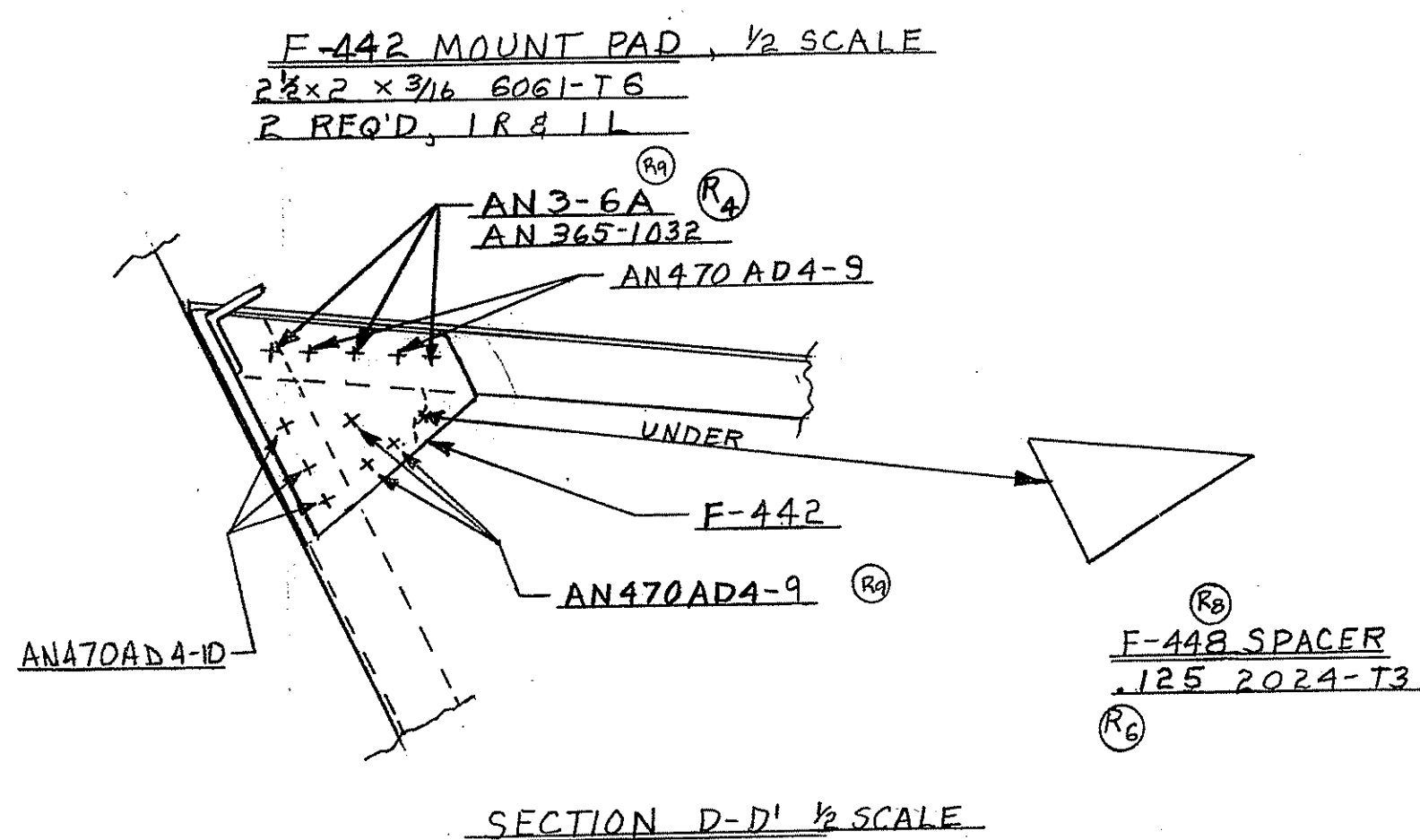
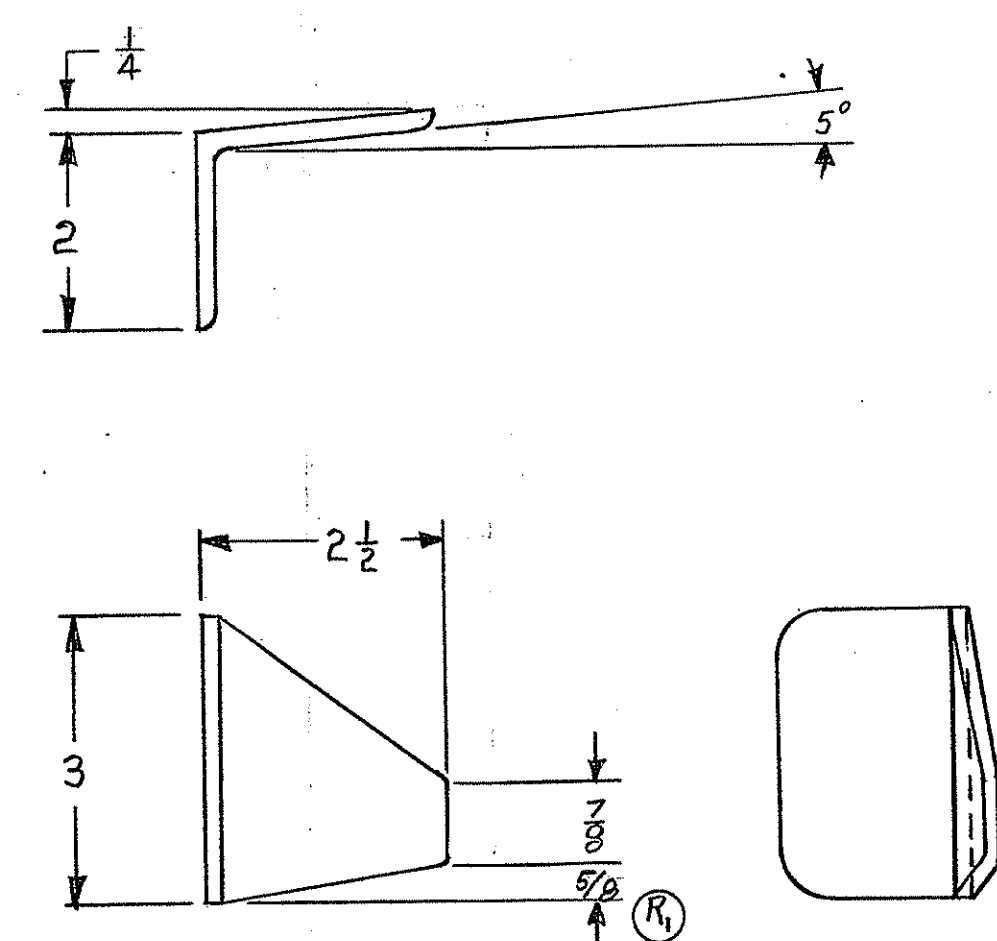


HOLES MARKED THUS, TO BE LEFT OPEN DURING INITIAL RIVETING

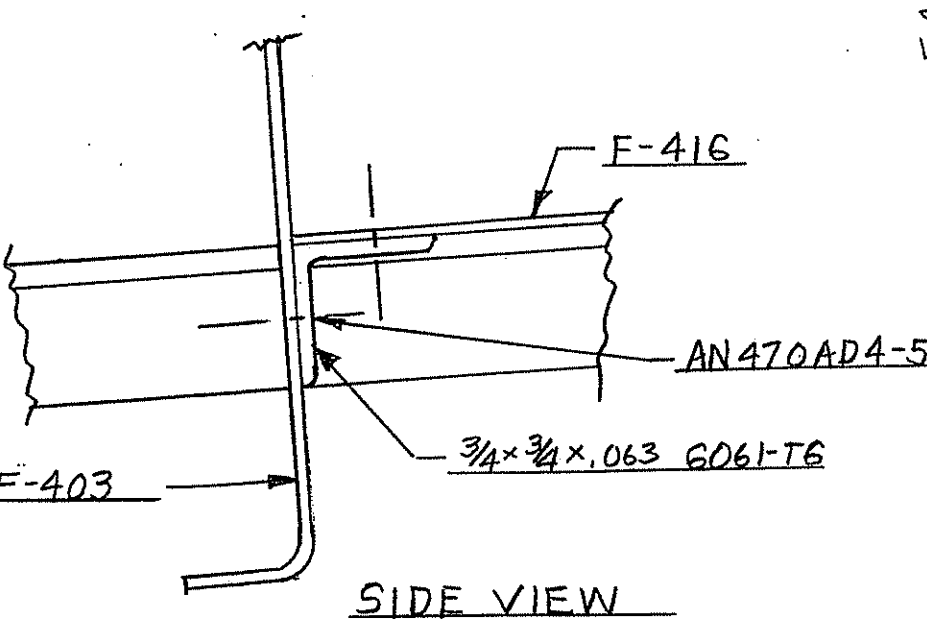
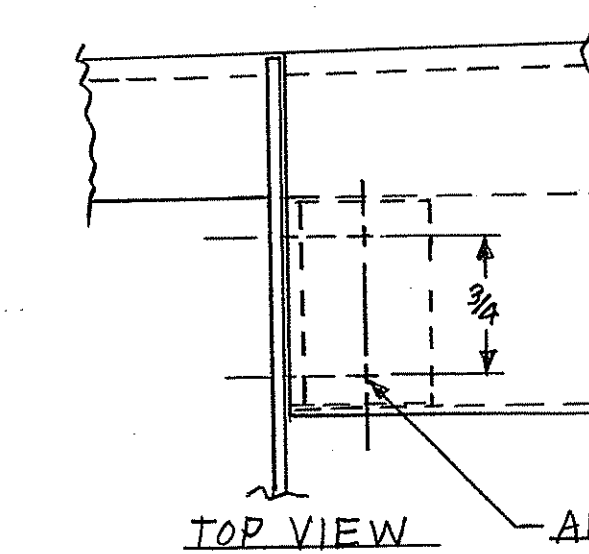
SPAR FLANGE STRIP RIVET PATTERN
 1/4 SCALE

| | |
|-----------------------|--------------------|
| VAN'S AIRCRAFT RV-4 © | |
| SCALE: NOTED | DR: R. VANGRUNSVEN |
| DATE: 10-30-81 | |
| WING SPAR WEBS | |
| SERIAL NO: | 11 |

| | |
|----------------------|-------------|
| VANS AIRCRAFT RV-4 © | |
| SCALE: NOTED | DR: |
| DATE: 10-30-81 | R. VANGRUNS |
| SPAR DETAIL DRAWING | |
| SERIAL NO. | 12 |

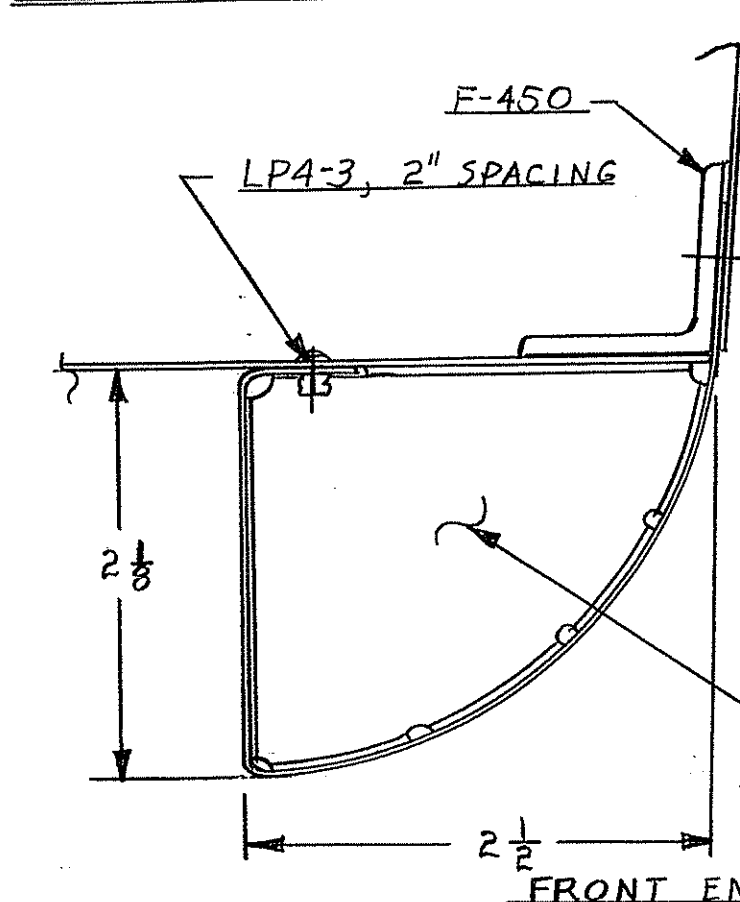


F-428 STEP 1/4 SCALE
.040 2024-T3
2 REQ'D, 1 R & 1 L

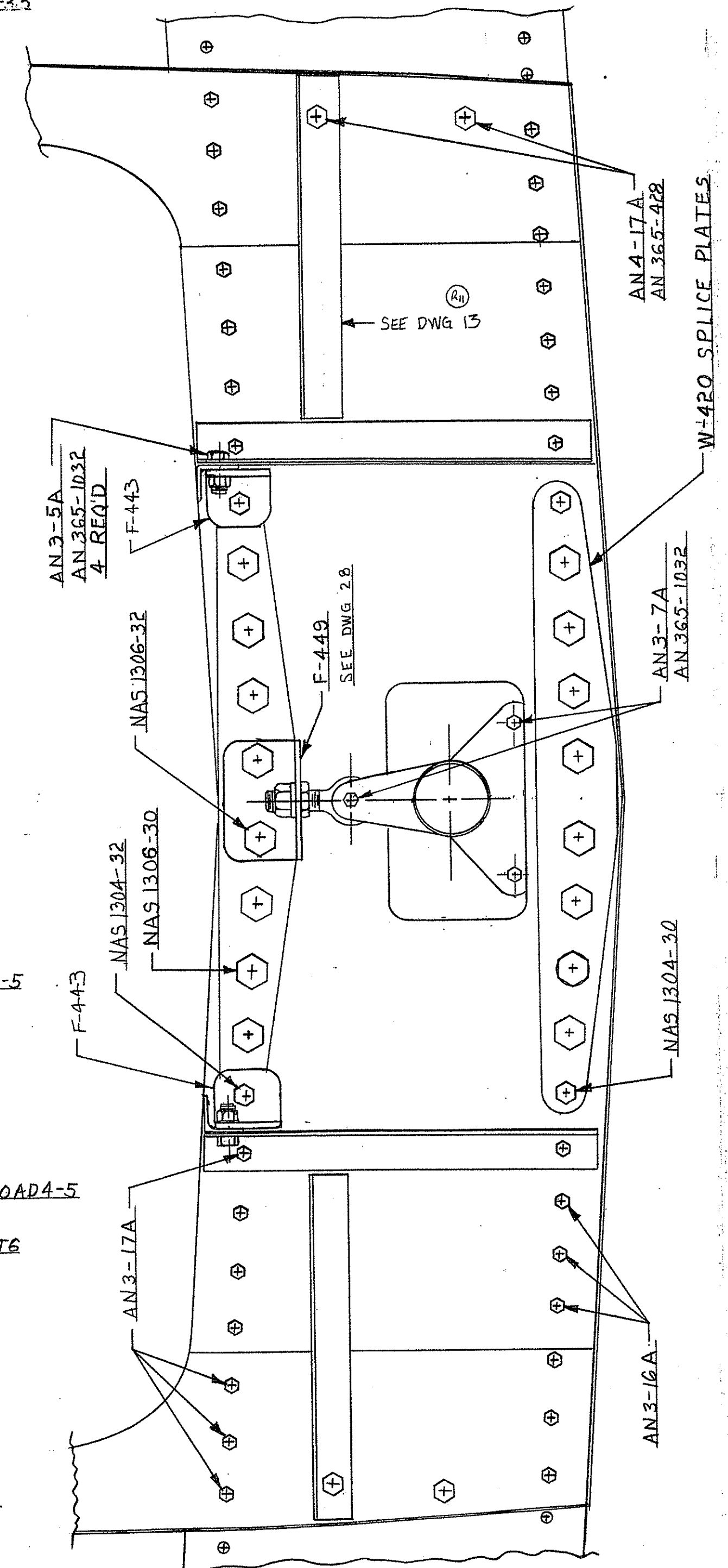


DETAIL 'C' FULL SCALE

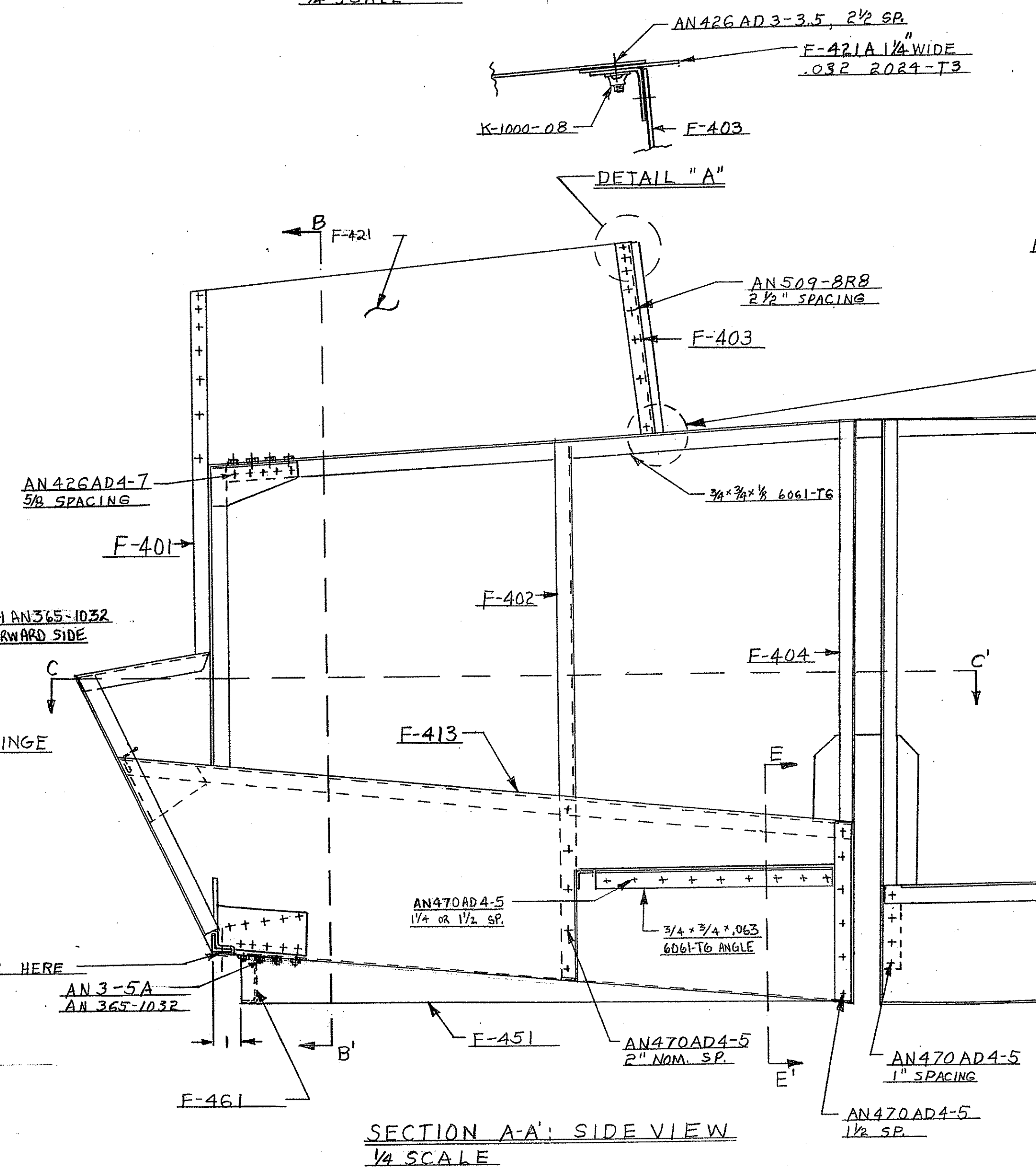
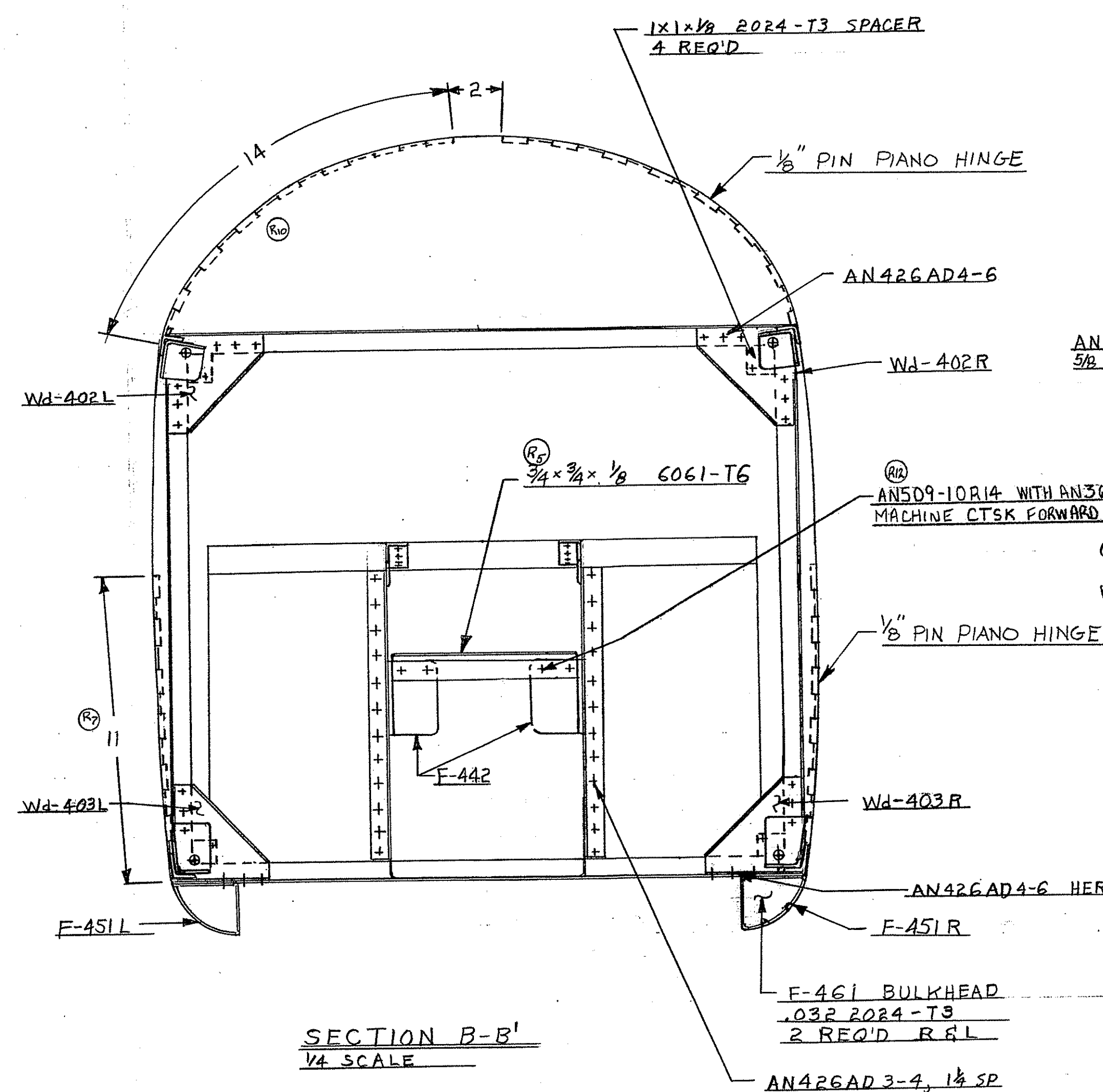
F-451 AFT END



F-451L OUTLET WALL FULL SCALE
.025 2024-T3, 2 REQ'D, R & L

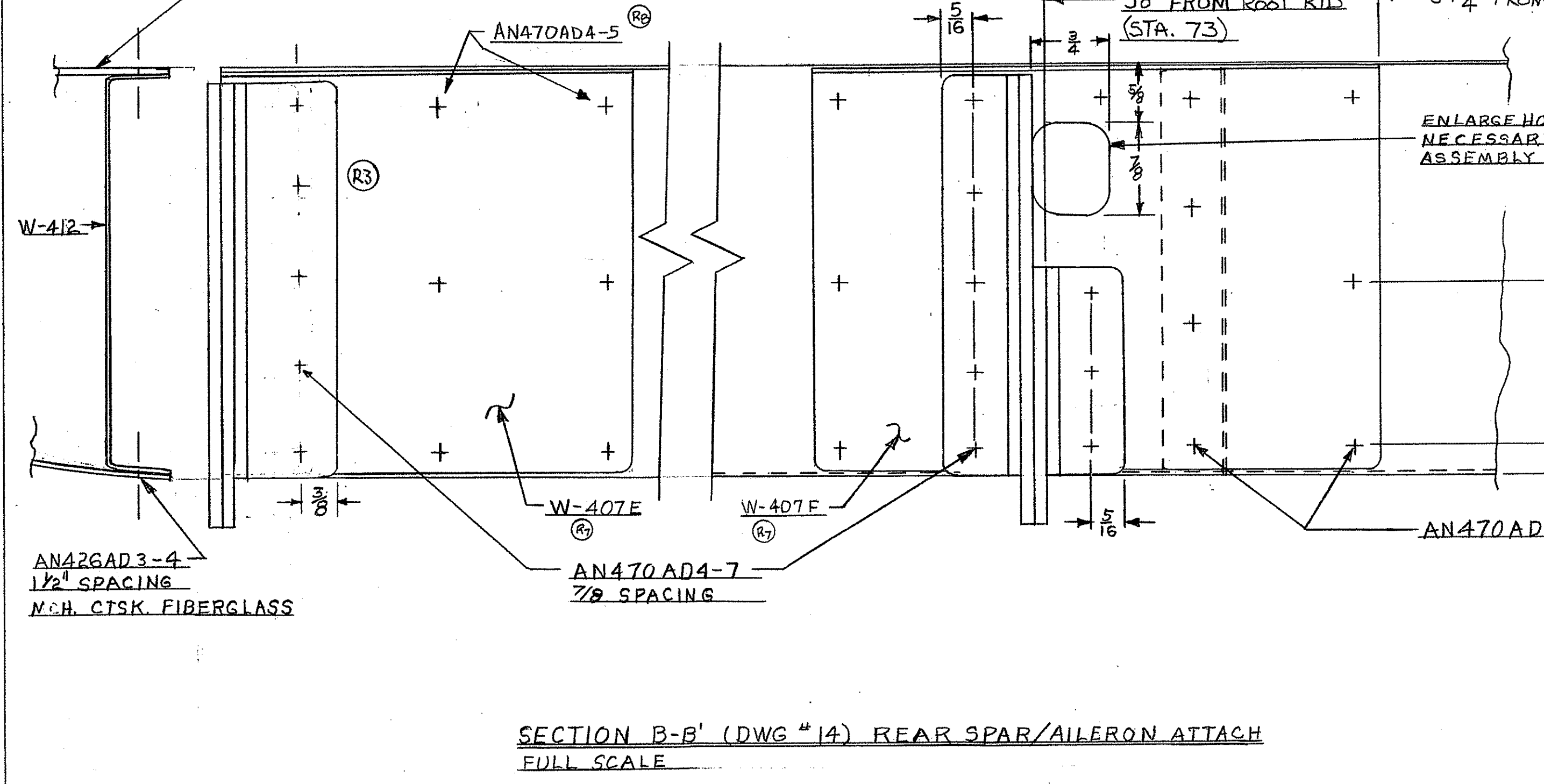
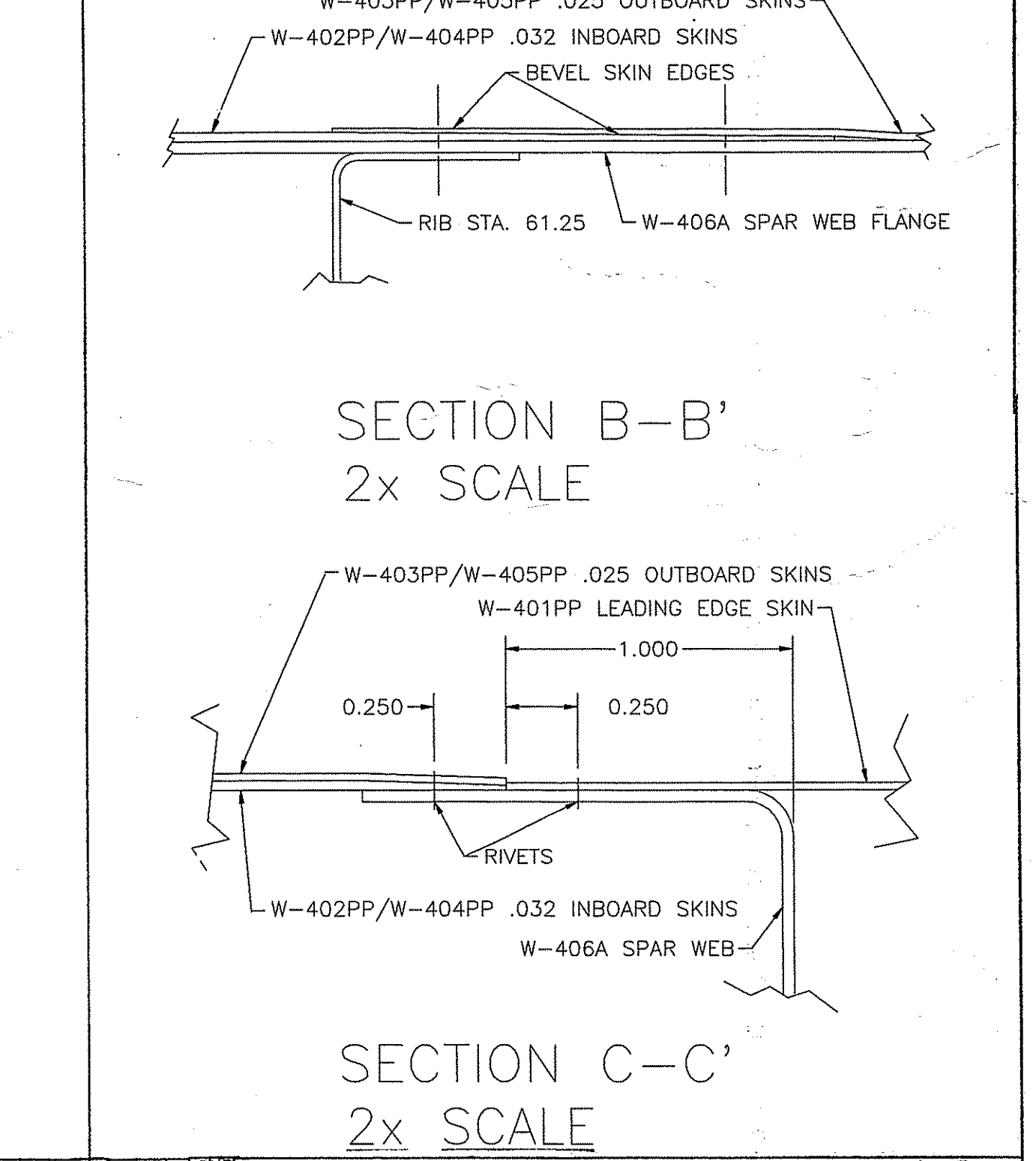
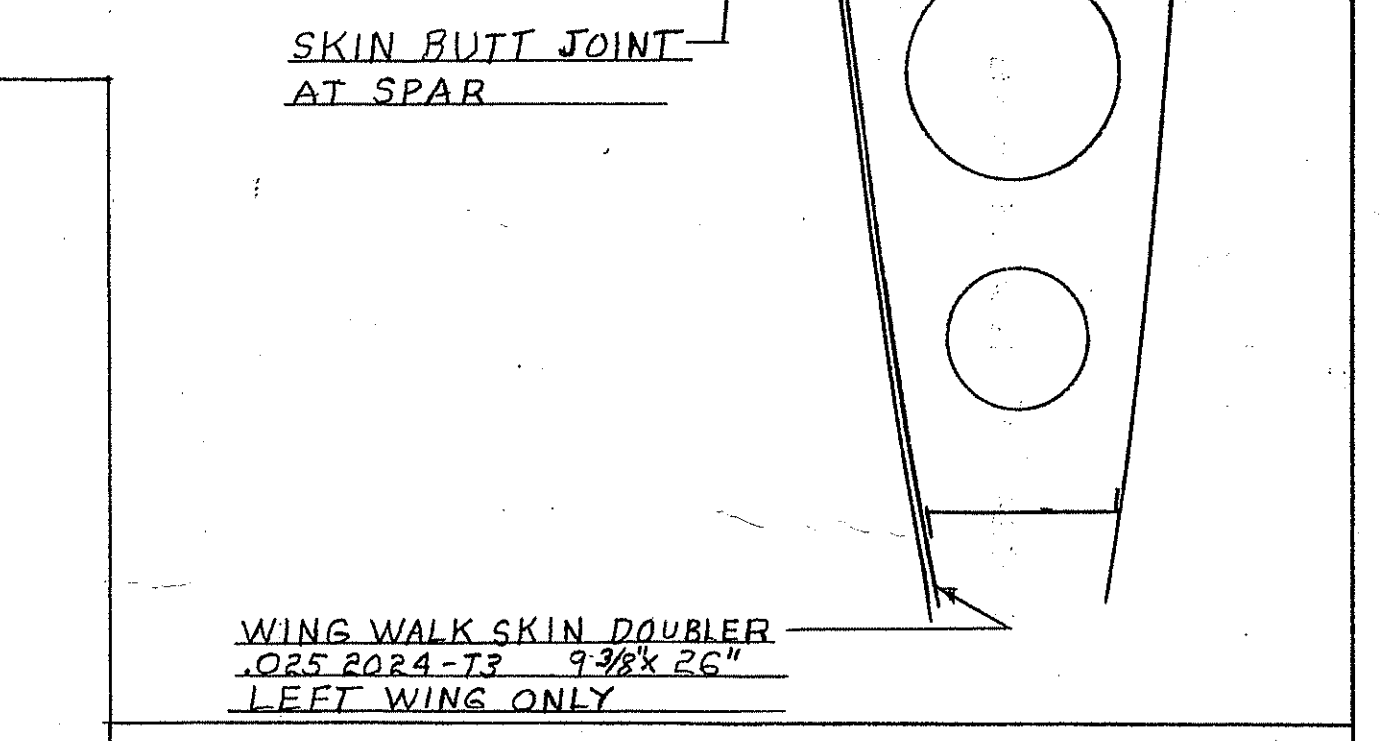
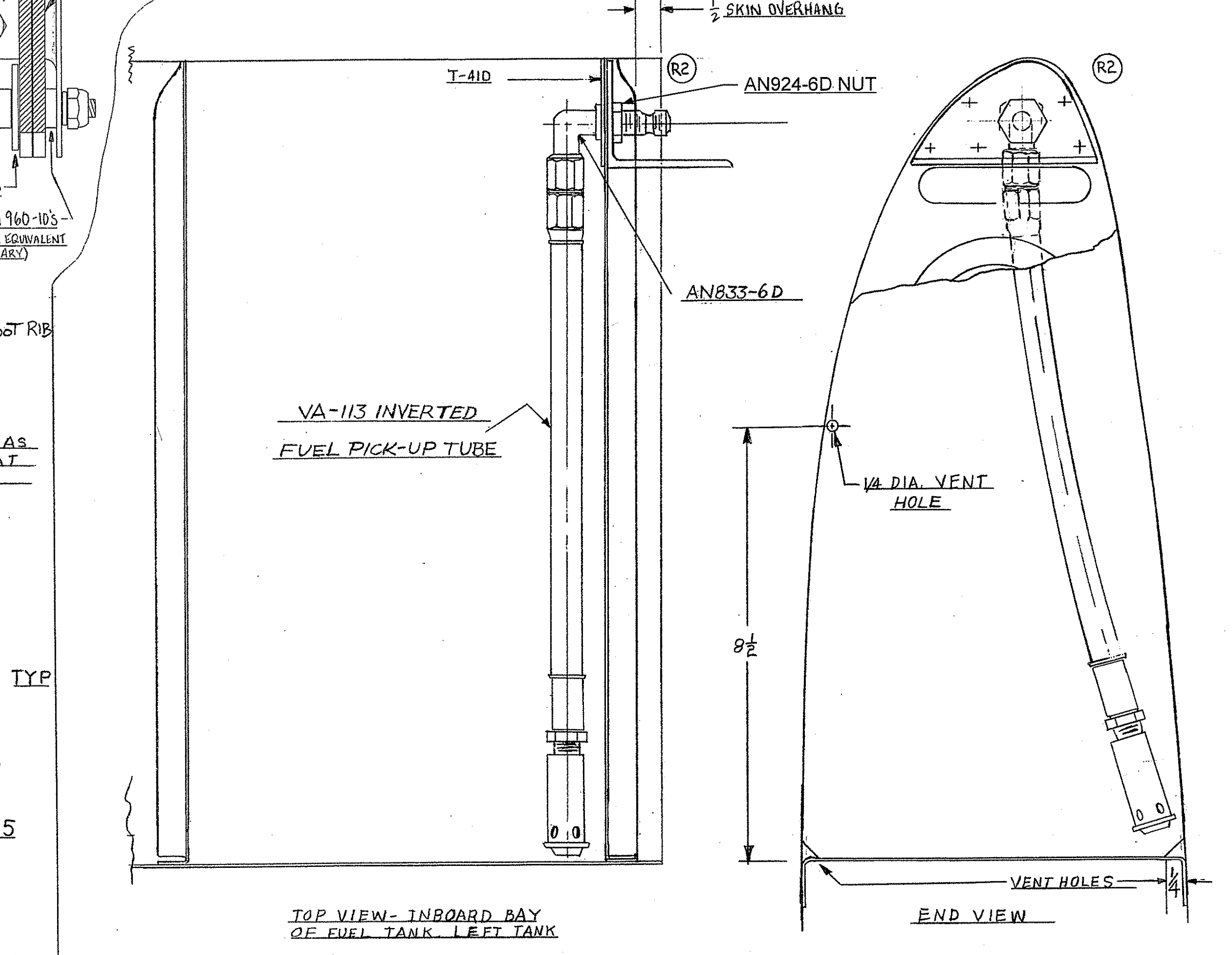
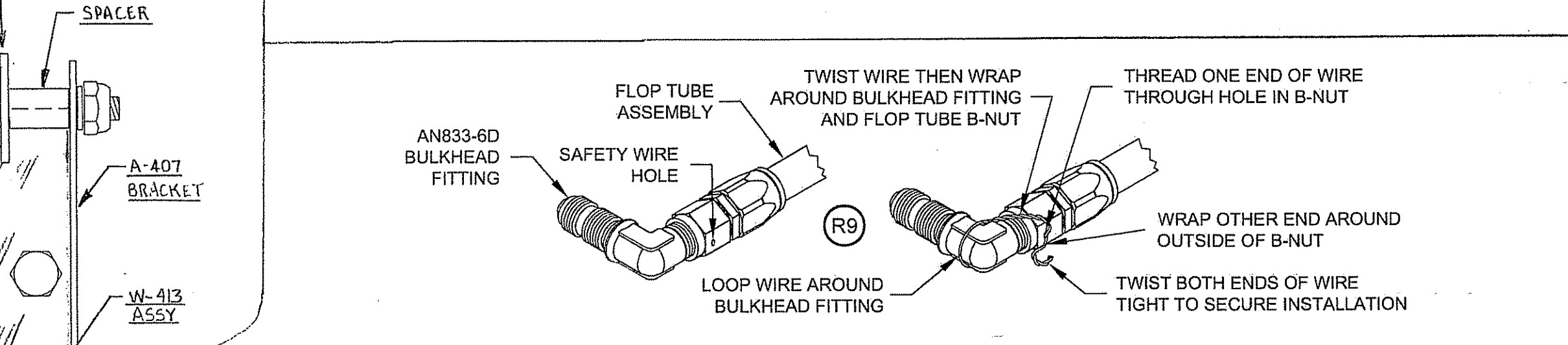
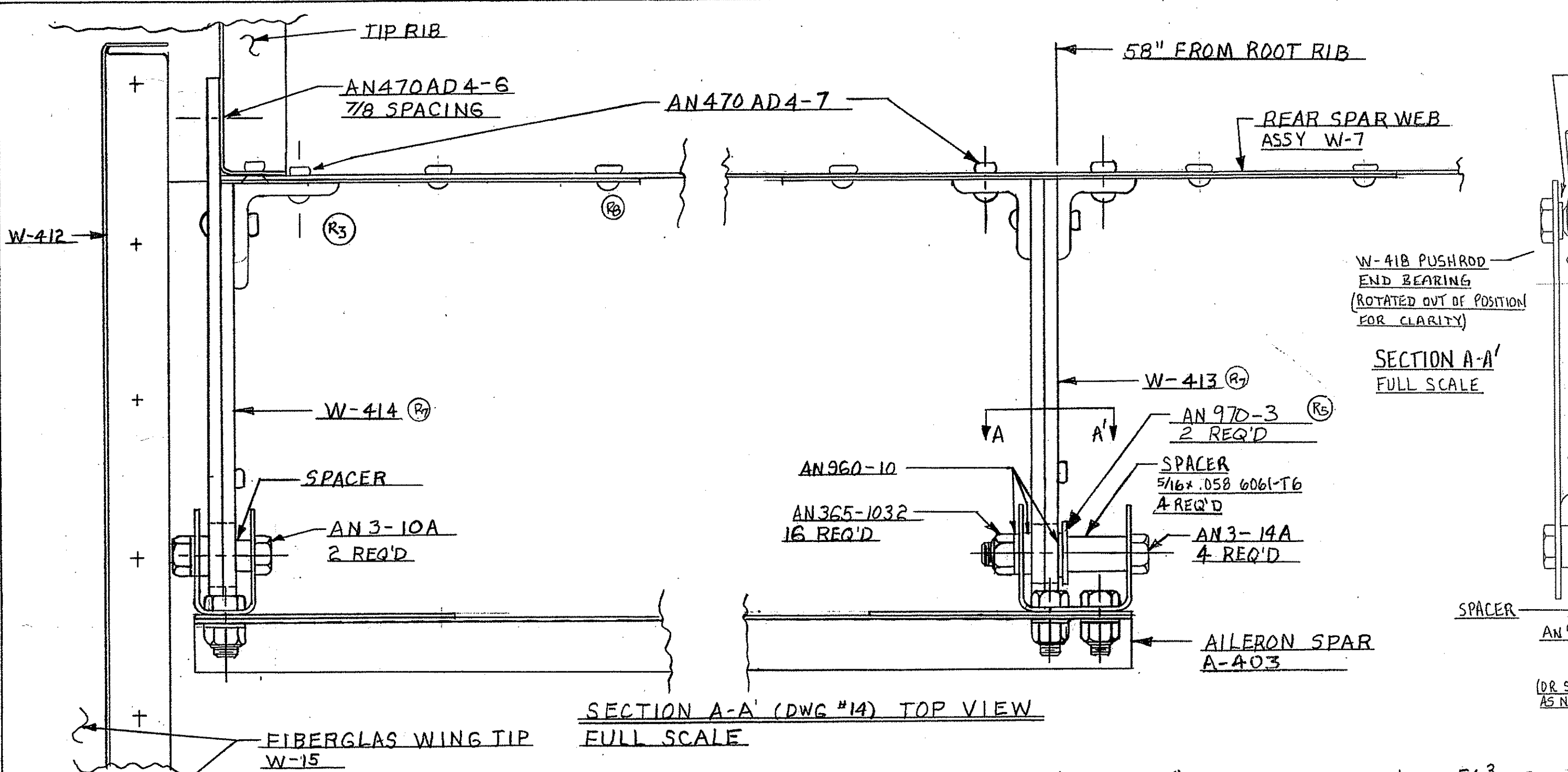
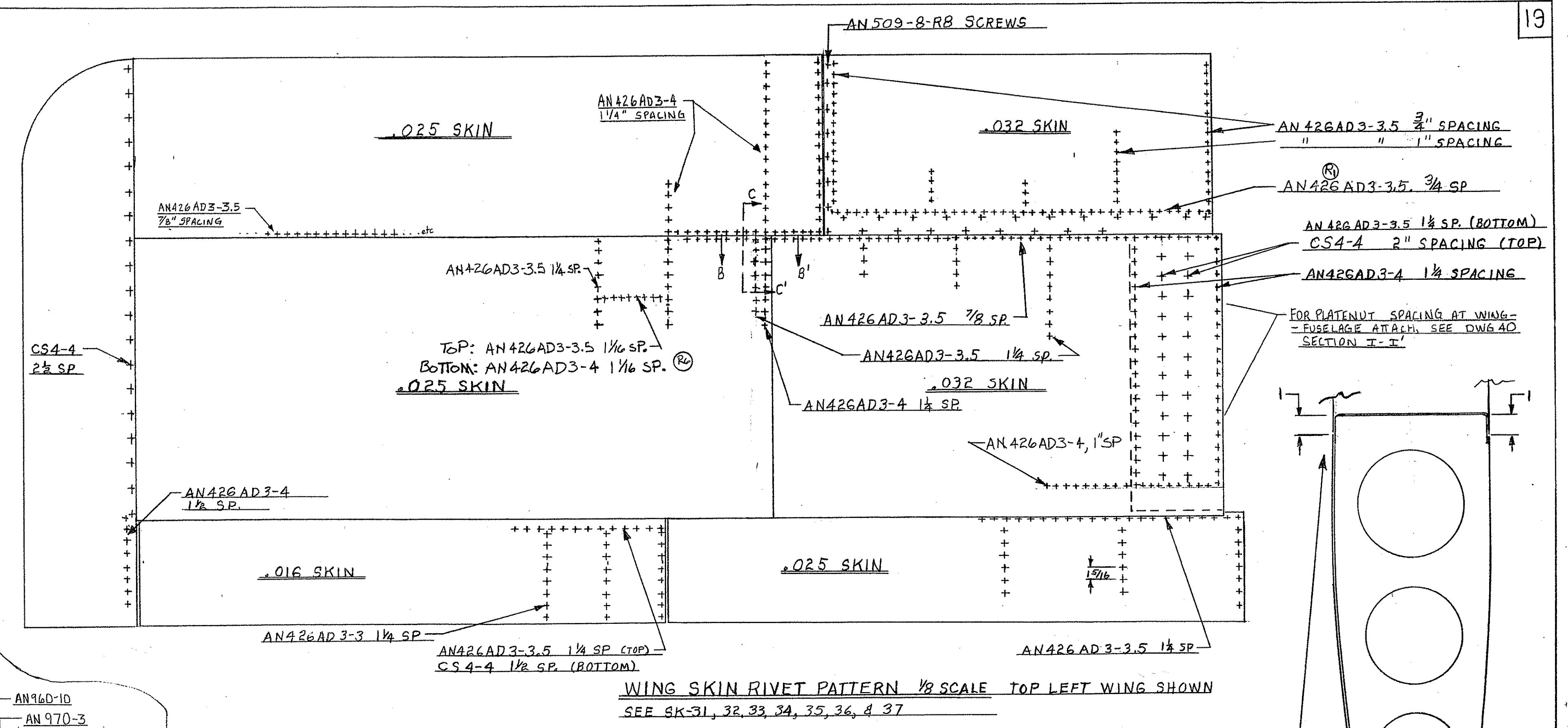
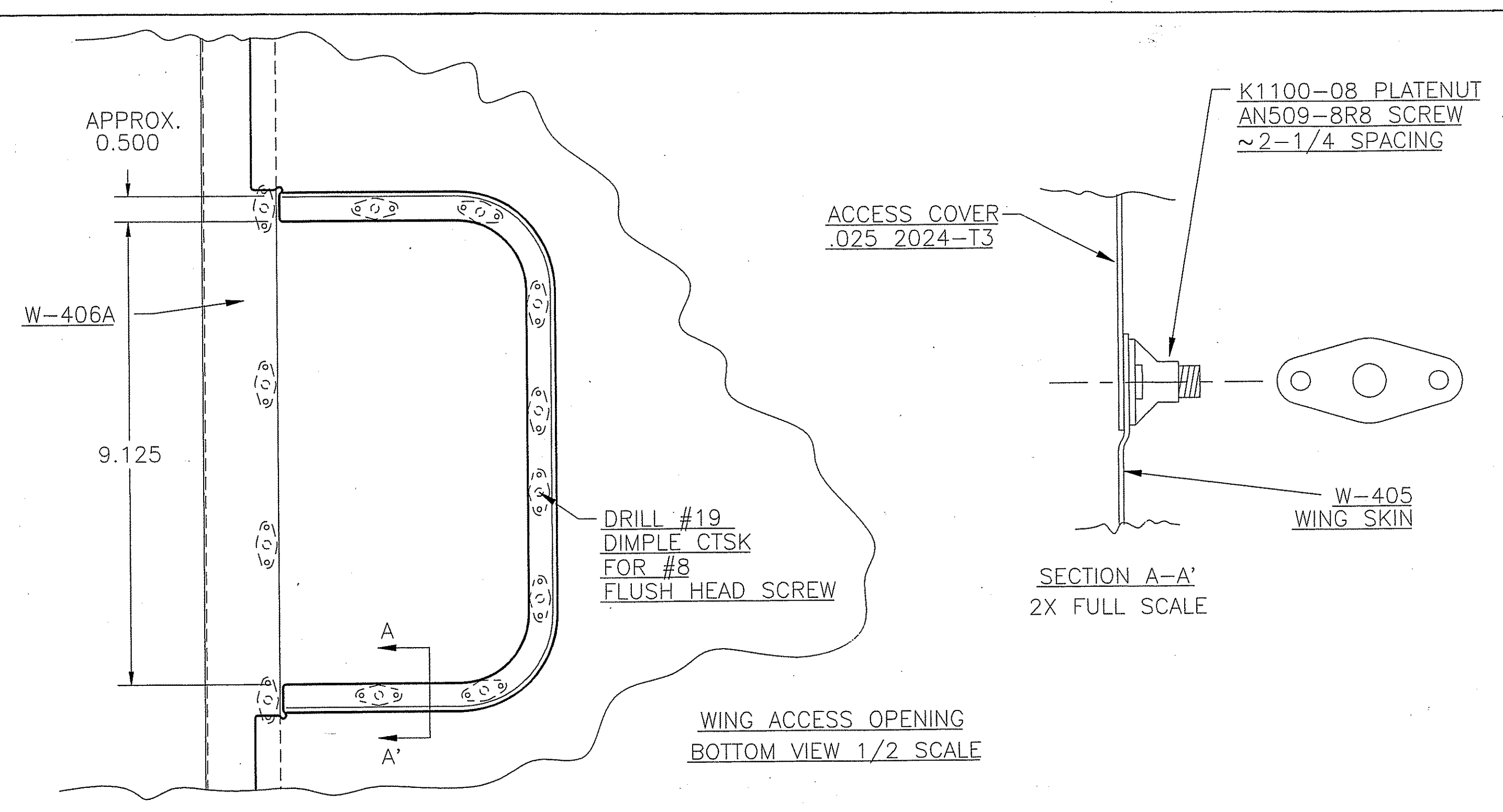


SECTION E-E', SPAR / FUSELAGE ATTACH

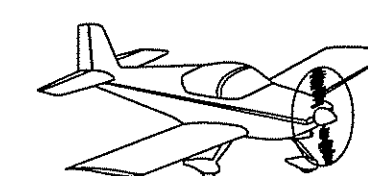
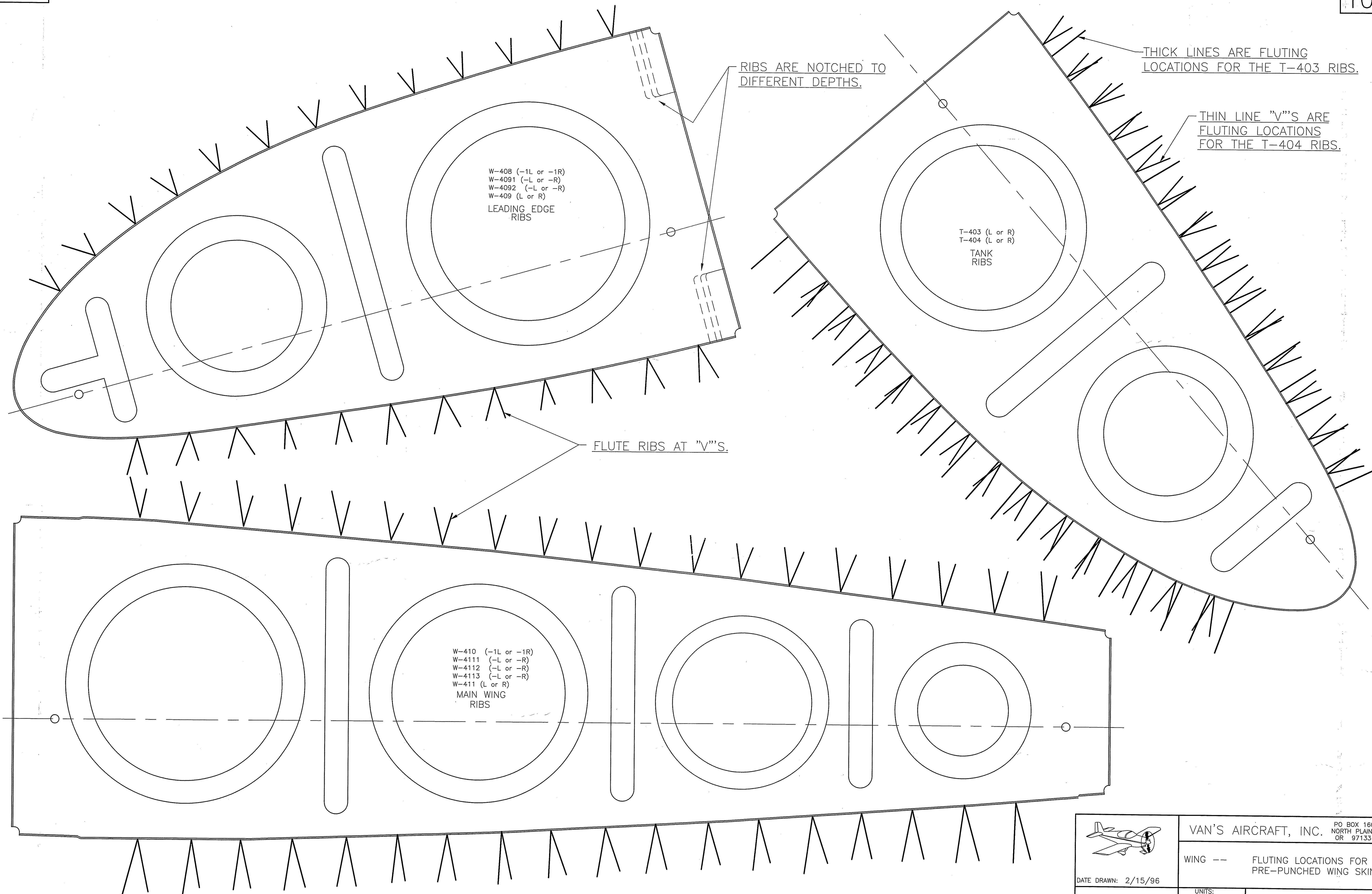


F-443 ANCHOR 2x1 1/2 x 1/8 6061-T6. 2 REQ'D, R & L
FULL SCALE

| | | | |
|-----------------------|---------------|--------------------|--|
| VAN'S AIRCRAFT RV-4 © | | | |
| SCALE: NOTED | DATE: 9-10-82 | DR: R. VANGRUNSVEN | |
| FORWARD FUSELAGE | | | |
| SERIAL NO. | | | |



| | | | |
|----------------------|--|---------------------|--|
| VANS AIRCRAFT RV-4 © | | | |
| SCALE: NOTED | | DR: R. VAN GRUNSVEN | |
| DATE: 10-30-81 | | WING - MISC. | |
| SERIAL NO. | | 19 | |



VAN'S AIRCRAFT, INC.

PO BOX 160
NORTH PLAINS,
OR 97133WING --- FLUTING LOCATIONS FOR
PRE-PUNCHED WING SKINS

DATE DRAWN: 2/15/96

DRAWN BY: STEVE OSTERKAMP

TOLERANCES: $\pm 1/8"$

(UNLESS OTHERWISE SPECIFIED)

UNITS:

INCHES

SCALE: FULL SCALE (D-SIZE)

PATH\FILENAME: C:\DRAW\RV-4_PGS\DWG_10A.DWG

D-SIZE ORIGINAL

10a