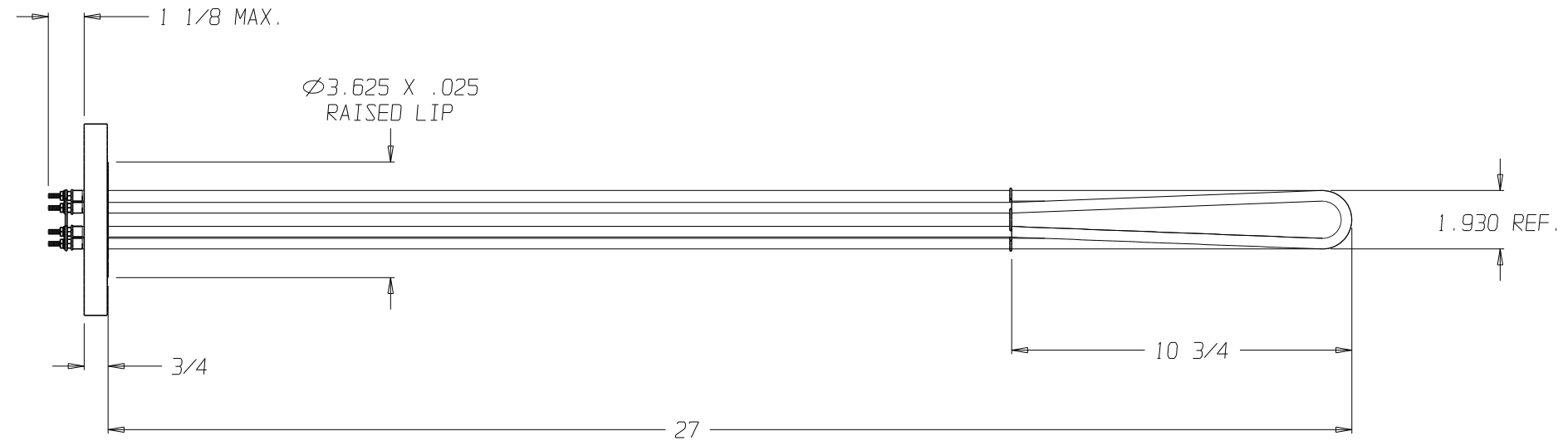
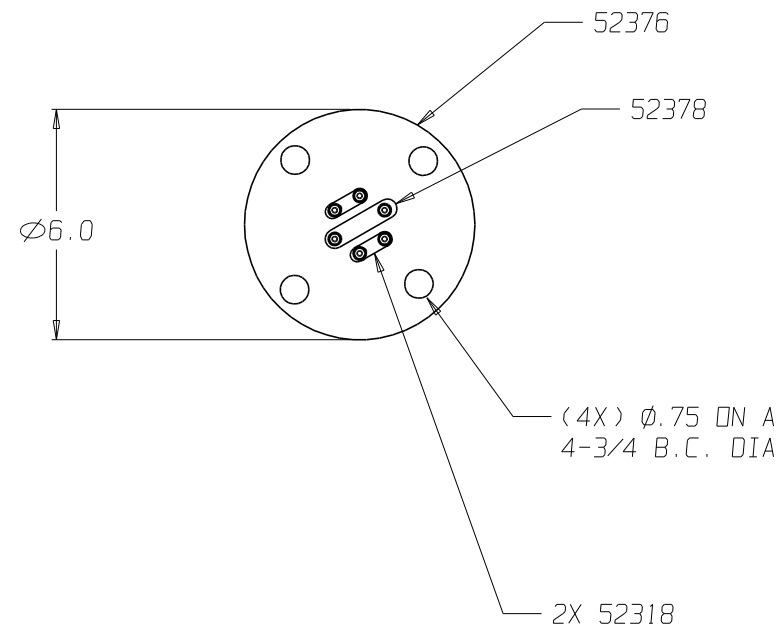
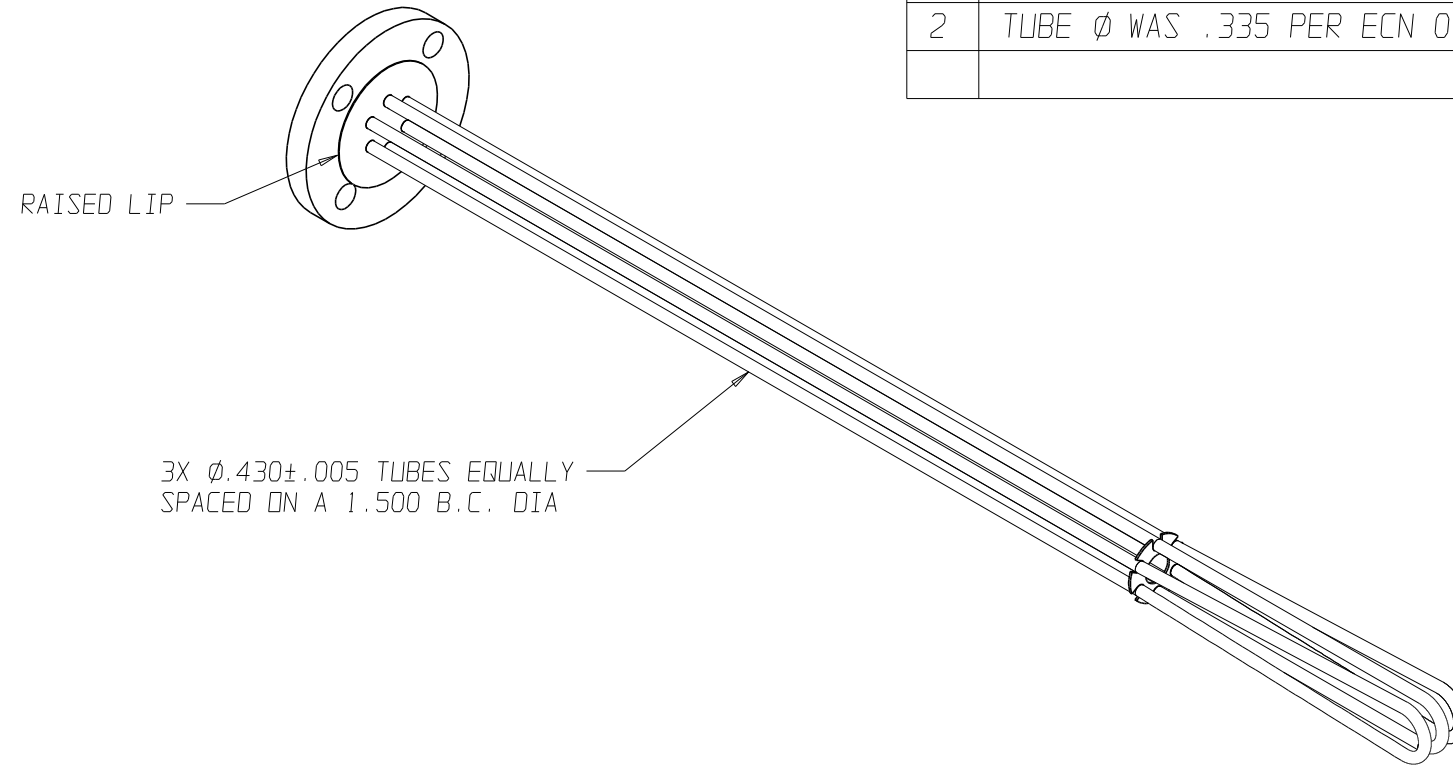


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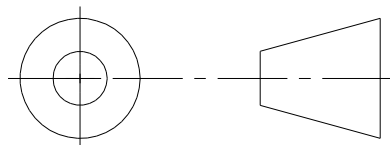
REVISIONS			
LTR/NO	DESCRIPTION	DATE	APPROVED
1	PRODUCTION RELEASE (WAS P1034)	04/09/03	SJH
2	TUBE Ø WAS .335 PER ECN 015-03	04/29/03	SJH

NOTES:

1. DIMENSIONS IN INCHES
2. FLANGE MATERIAL: MILD STEEL
3. TUBE MATERIAL: 1.4571
4. TERMINAL PINS: M4 X .7 WITH NUTS AND WASHERS AS SHOWN.
5. COLD RESISTANCE: $33.9 \Omega \pm 10\% / -5\%$ (37.3 - 32.3) PER TUBE
6. BUSS TO BUSS RESISTANCE: $22.6 \Omega \pm 10\% / -5\%$ (24.8 - 21.5) WHEN ASSEMBLED
7. SILVER BRAZE & TEST TO 300 PSIG
8. SHEATH WATT DENSITY: 98 W/IN²
9. COLD ZONE: 2.5" BELOW FLANGE
10. MAX TUBE BUNDLE DIA: 2-1/8



THIRD ANGLE PROJECTION



TOLERANCES UNLESS OTHERWISE SPECIFIED	
DEC	FRACTIONS ANGLES
.0 ± .06	
.00 ± .025	± 1/16 ± 1°
.000 ± .010	
APPROVALS	DATE
DRAWN S. HEBERT	04/09/03
CHECKED -	-

HARTFORD EICHENAUER 292 Sunapee St., Newport, NH 03773
 TEL: 603-863-1454 FAX: 603-863-1248

FLANGED TUBULAR HEATER
 480V, 20KW, 3PH

DWG. NO. **300460** REV. **2**

SCALE 1:5 SHEET 1 of 1

