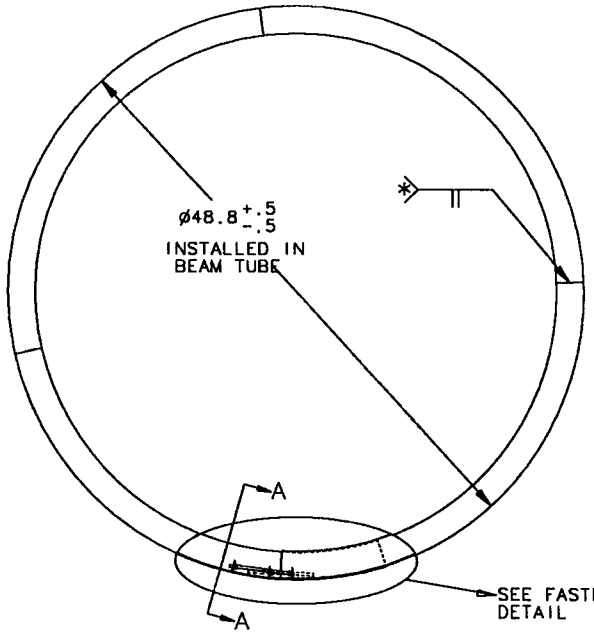
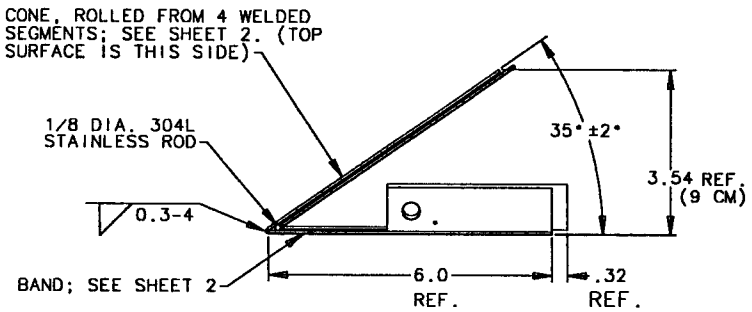


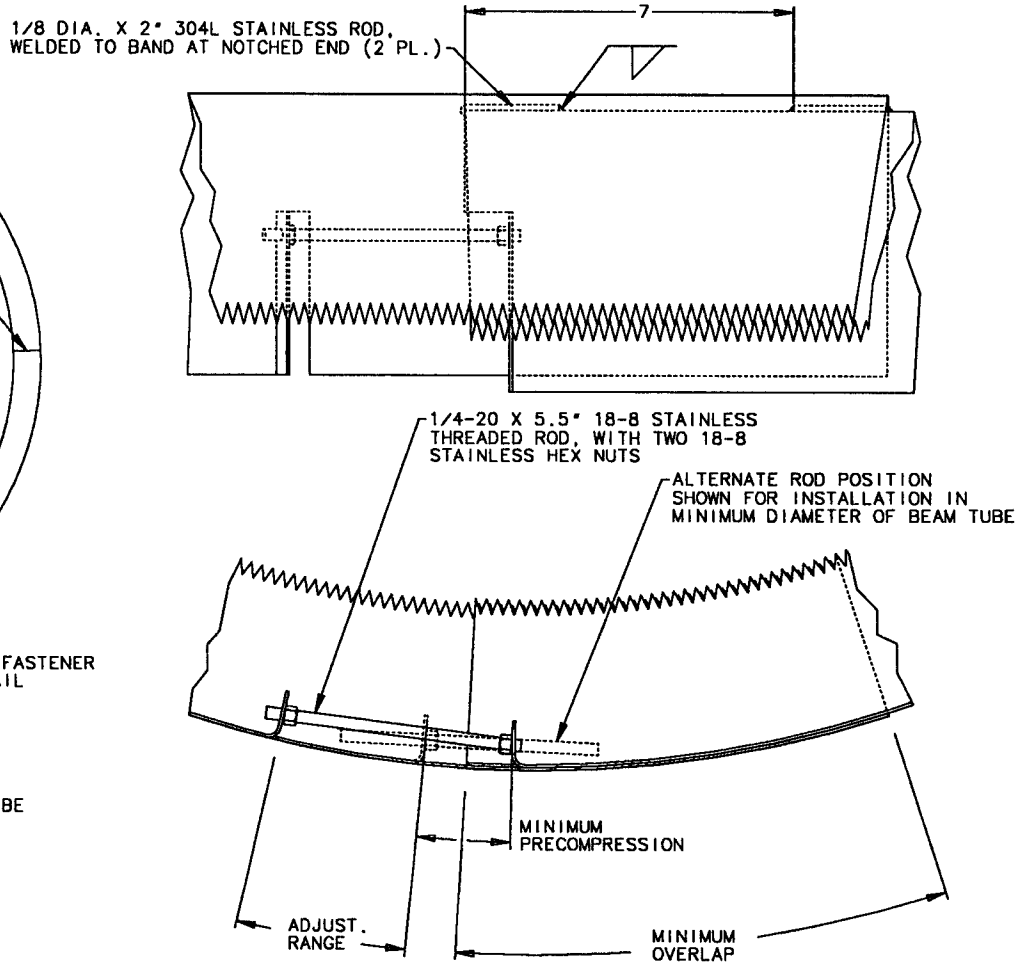
BAFFLE ASSEMBLY

* TOP SURFACE OF CONE SEGMENT BUTT JOINTS TO BE FREE OF WELD MELT-THROUGH OR DISCOLORATION.



SECTION A-A

(CURVATURE, ROD & NUT ARE IGNORED FOR SIMPLICITY)



FASTENER DETAIL

(DRAWN INSTALLED IN MAXIMUM DIAMETER OF BEAM TUBE)

LINEAR TOLERANCES, UNLESS OTHERWISE NOTED:
X.XX: +/- 0.03
X.X: +/- 0.10

ALL DIMENSIONS ARE IN INCHES OR DEGREES

LIGO PROJECT

JONES

BEAM TUBE BAFFLE

SCALE: NTS

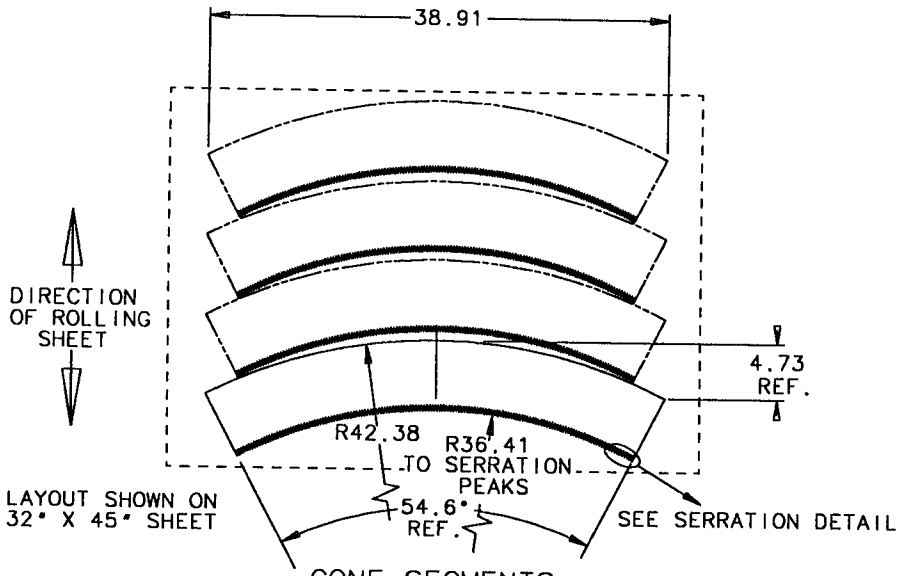
TYPE

0950094

1-2

A

EDITION: 8/4/95



CONE SEGMENTS

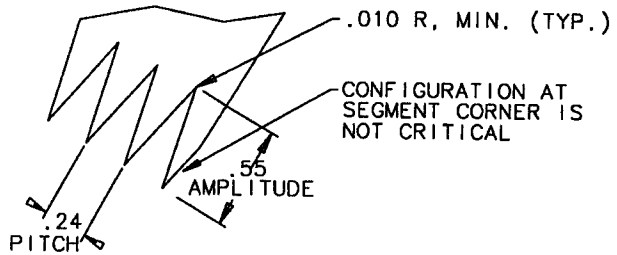
FOUR SEGMENTS REQ'D. PER BAFFLE

MATERIAL: 304L STAINLESS STEEL

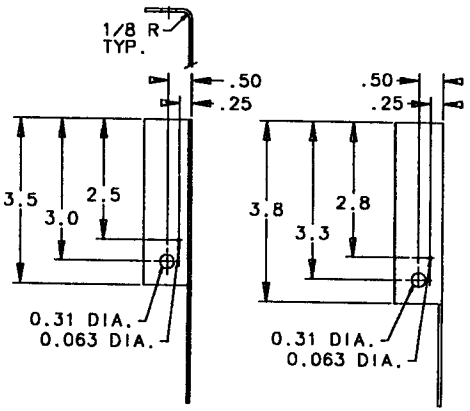
	BAFFLE "A"	BAFFLE "B"
FINISH, TOP SURFACE:	#2 BA	#8 POLISH
FINISH, BOTTOM SURFACE:	NOT CRITICAL	NOT CRITICAL
THICKNESS:	0.020	0.065

NOTE: SUPPLY ADHERED PAPER PROTECTOR (OR EQUAL) ON TOP SURFACE OF CONE SEGMENTS; LEAVE ON SURFACE (WHERE POSSIBLE) THROUGH SHIPPING.

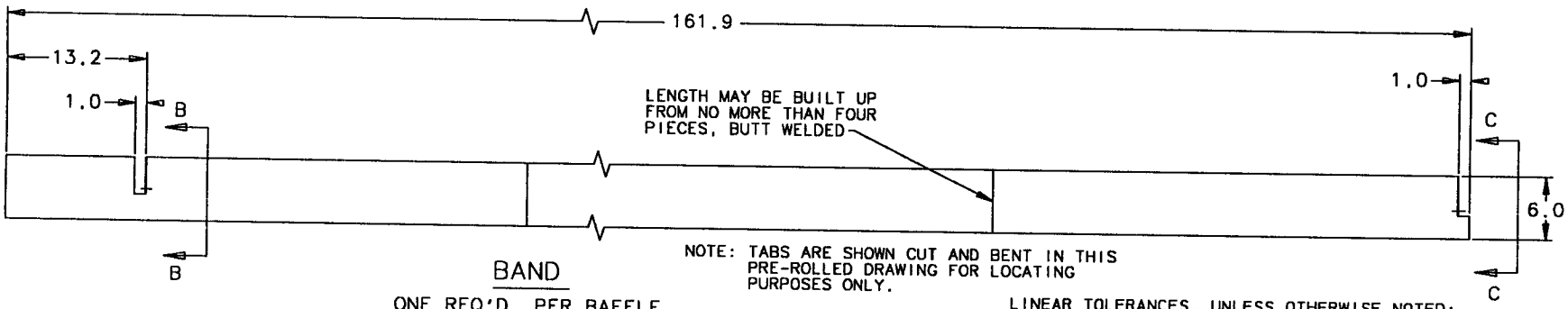
CONE SEGMENTS TO BE CUT BY WATERJET, PLASMA, OR LASER PROCESS.



SERRATION DETAIL



SECTION B-B SECTION C-C



BAND

ONE REQ'D. PER BAFFLE

MATERIAL: 304L STAINLESS STEEL
FINISH IS NOT CRITICAL
THICKNESS:
0.020, BAFFLE "A"
0.065, BAFFLE "B"

NOTE: TABS ARE SHOWN CUT AND BENT IN THIS PRE-ROLLED DRAWING FOR LOCATING PURPOSES ONLY.

LINEAR TOLERANCES, UNLESS OTHERWISE NOTED:
X.XXX: +/- 0.003
X.XX: +/- 0.03
X.X: +/- 0.1

ALL DIMENSIONS ARE IN INCHES OR DEGREES

LIGO PROJECT

BEAM TUBE BAFFLE

D950094 2-2 A

EDITION: 8/4/95