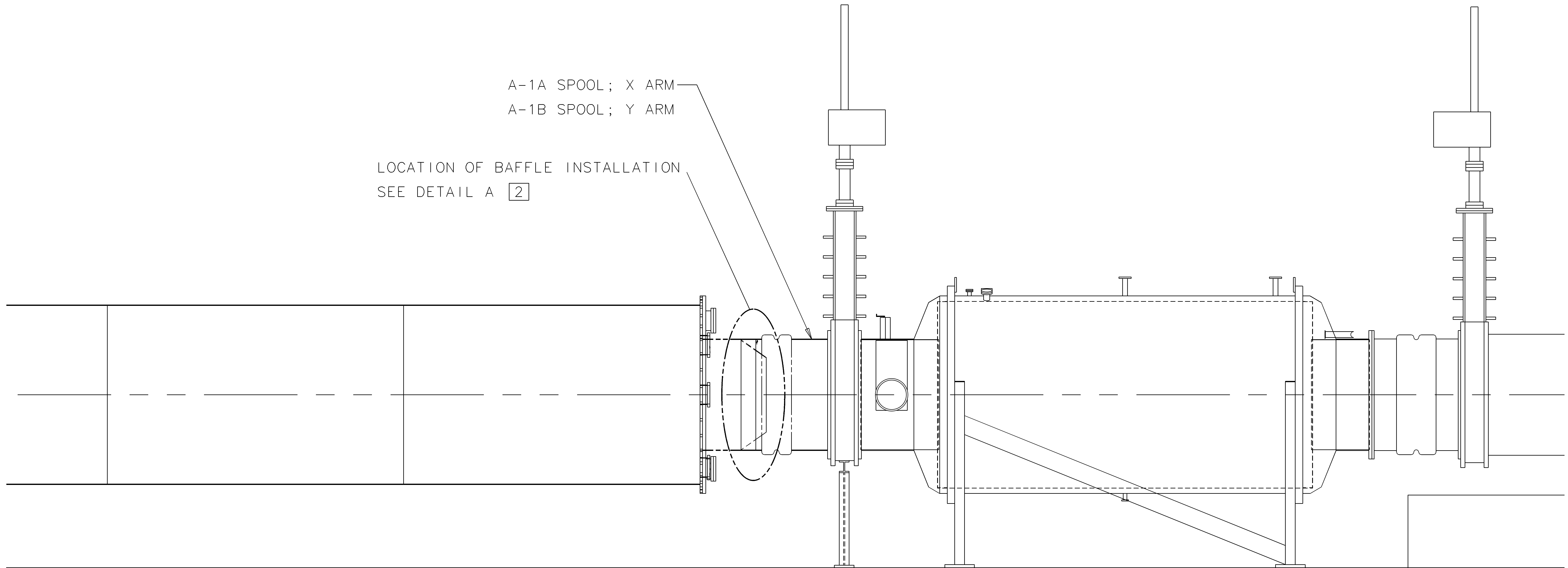


NOTES: (UNLESS OTHERWISE SPECIFIED)

1. BREAK ALL SHARP EDGES.
- ② U-C COMPONENTS, (888)483-6833. ALT: USE EQUIVALENT PART.
- ③ INSTALL BAFFLE WITH OVERLAP CENTERED APPROXIMATELY AT TOP OF SPOOL.
- ④ TIGHTEN FASTENING HARDWARE WHILE BAFFLE IS EXPANDED TIGHTLY IN PLACE BY SPREADER TOOL.

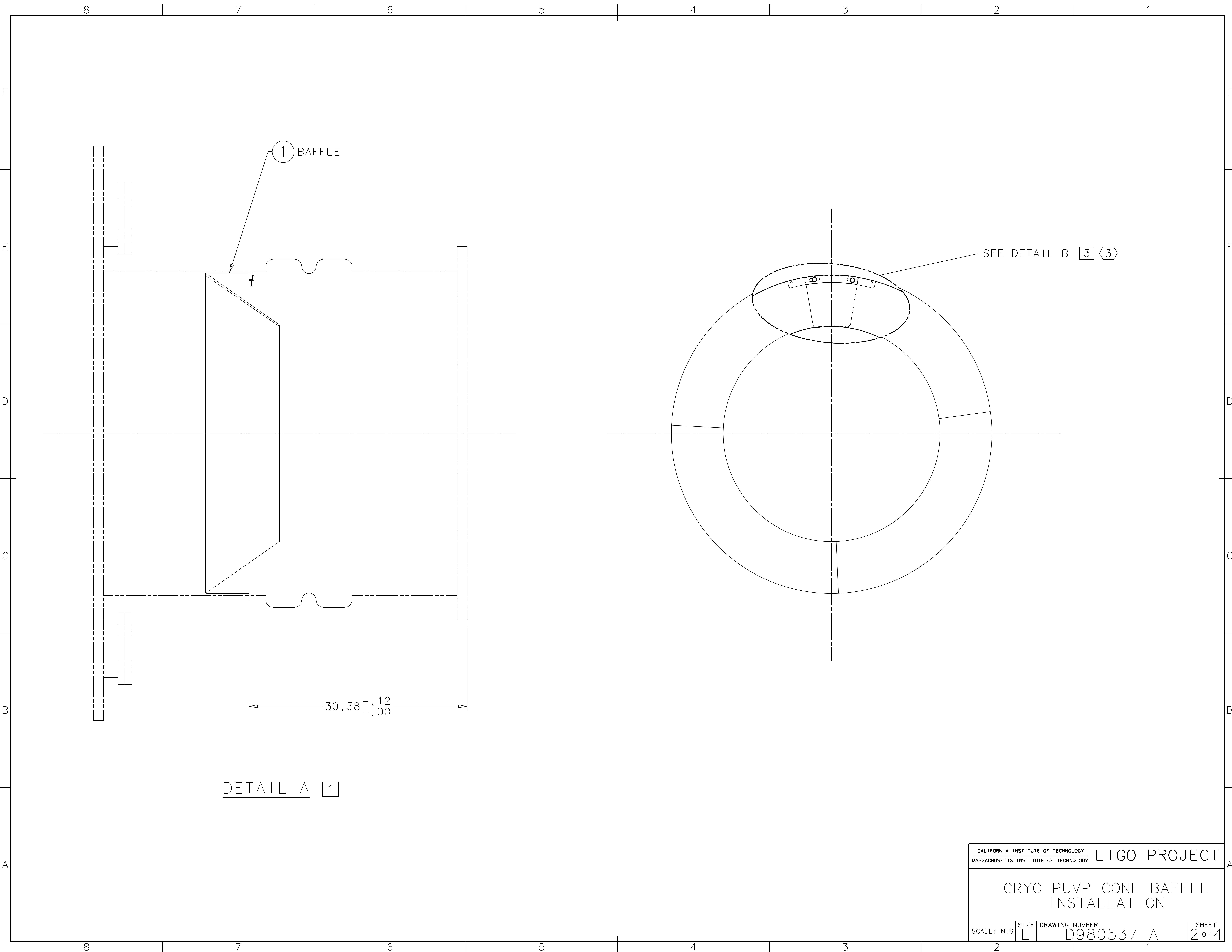
REV	DATE	DRAWN BY	CHECKED	DCC	DCN/DESCRIPTION
A	7-16-99	C. Conley			E980267-00/INITIAL RELEASE



X & Y ARMS NEAR
CORNER STATION
BEAM TUBE EXITS

QTY	REQD	FSOM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DISCRPTION	MATERIAL SPECIFICATION	ITEM NO
2			MS51971-3	HEX NUT	CRES 300 SERIES, PASSIVATED	5
2			MS15795-814	FLAT WASHER	CRES 300 SERIES, PASSIVATED	4
2			MS35338-141	3/8 SPLIT LOCK WASHER	CRES 300 SERIES, PASSIVATED	3
2			H-1616-NA (2)	3/8-16 X 1.00 HEX HD SCREW	18-8 STAINLESS STEEL, SILVER PLATED	2
			D980451	BAFFLE		1

PARTS LIST		TITLE	
DRWN	C. Conley	DATE	7-16-99
CHKD		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
ENGR		LIGO PROJECT	
APPD		1-Deas CAD file: D980537_A.dwg dcc file: D980537-A.pdf	
UNLESS OTHERWISE SPECIFIED: DIMENSION UNITS ARE inches [mm] TOLERANCES ARE: X.XXX: ± X.XX: ± ANGLES: ±		CRYO-PUMP CONE BAFFLE INSTALLATION (CORNER STATION)	
NEXT ASSEMBLY: N/A		SCALE: NTS	SIZE DRAWING NUMBER SHEET
		E	D980537-A 1 of 4



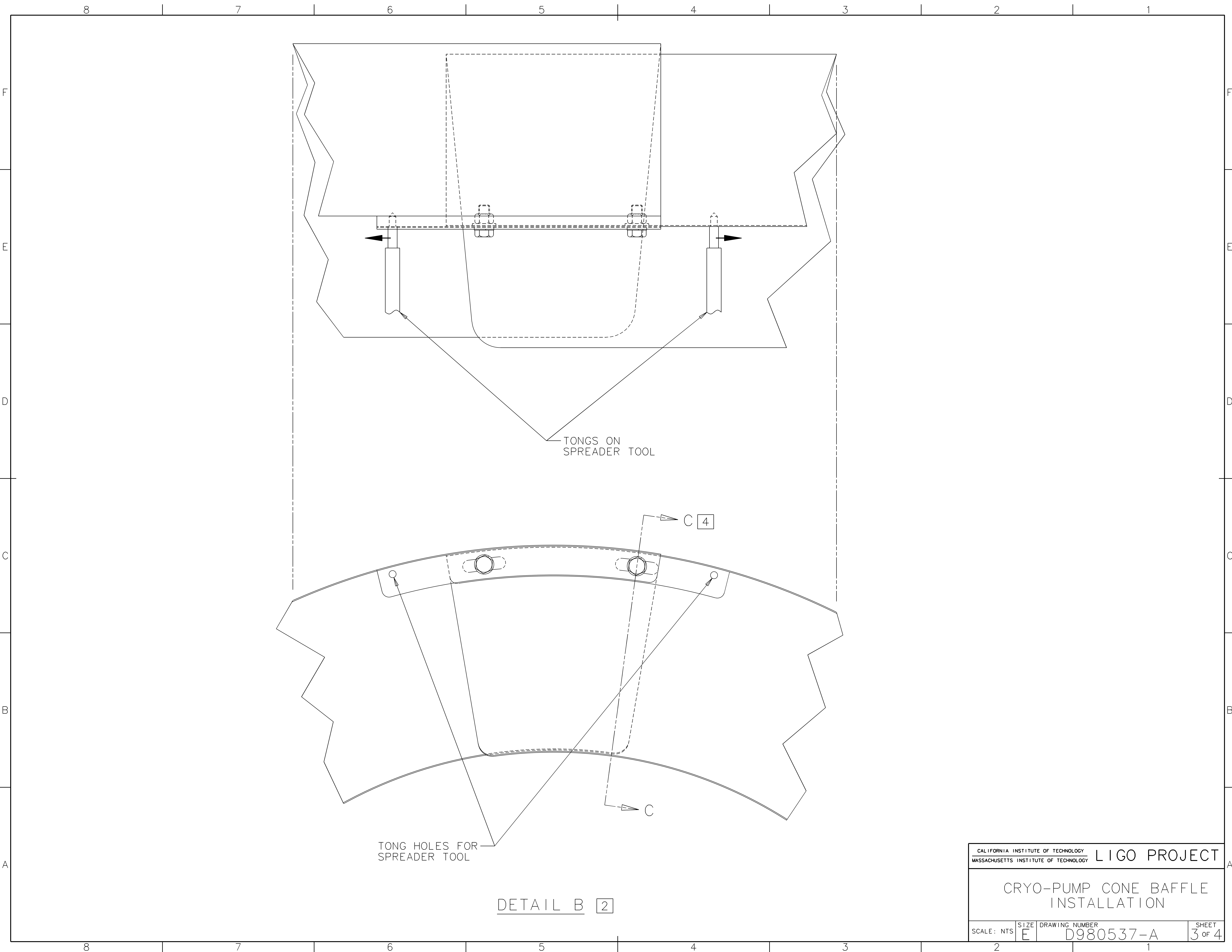
1 BAFFLE

SEE DETAIL B 3 3

30.38 ^{+ .12} _{- .00}

DETAIL A 1

CALIFORNIA INSTITUTE OF TECHNOLOGY		MASSACHUSETTS INSTITUTE OF TECHNOLOGY		LIGO PROJECT	
CRYO-PUMP CONE BAFFLE INSTALLATION					
SCALE: NTS	SIZE	DRAWING NUMBER		SHEET	
E		D980537-A		2 of 4	



TONGS ON SPREADER TOOL

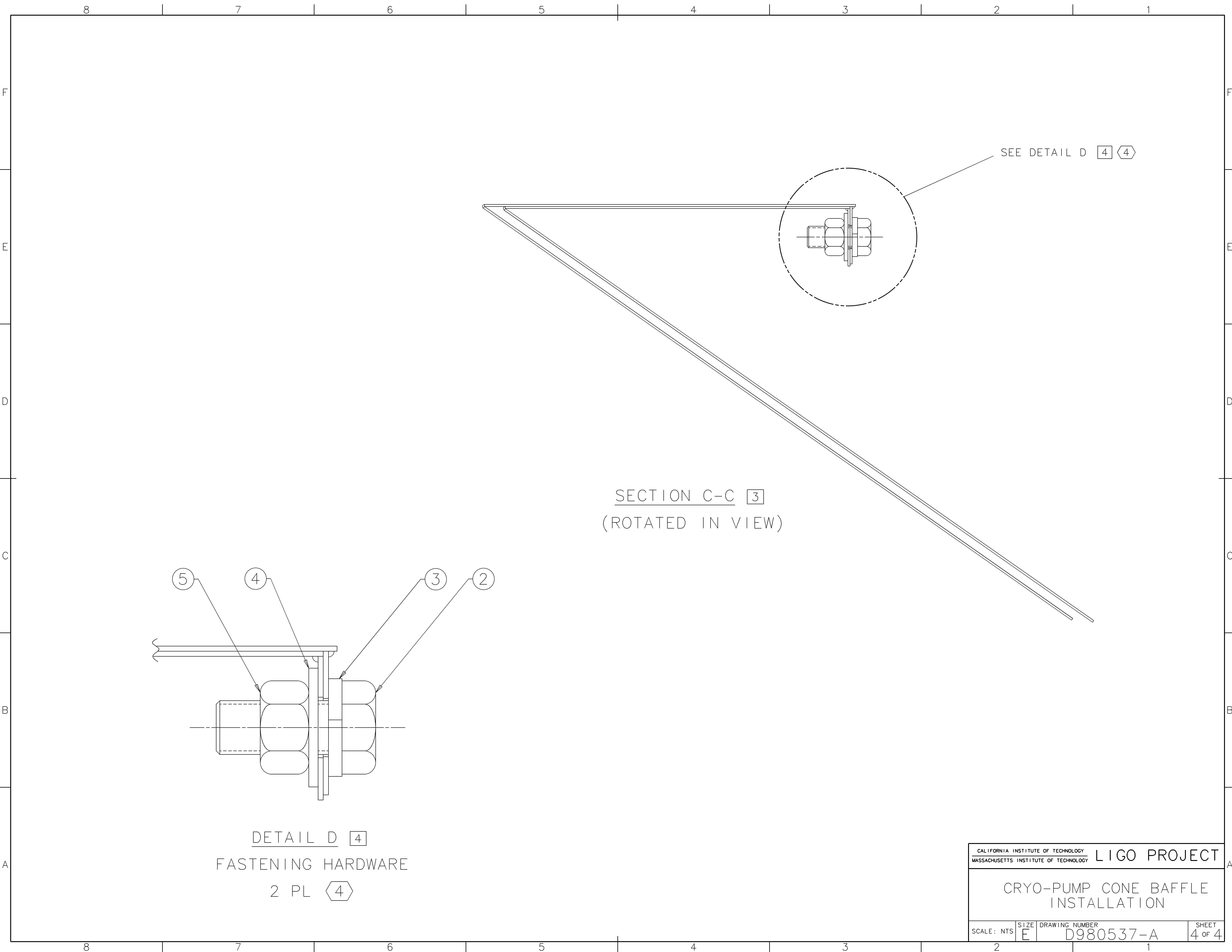
TONG HOLES FOR SPREADER TOOL

C 4

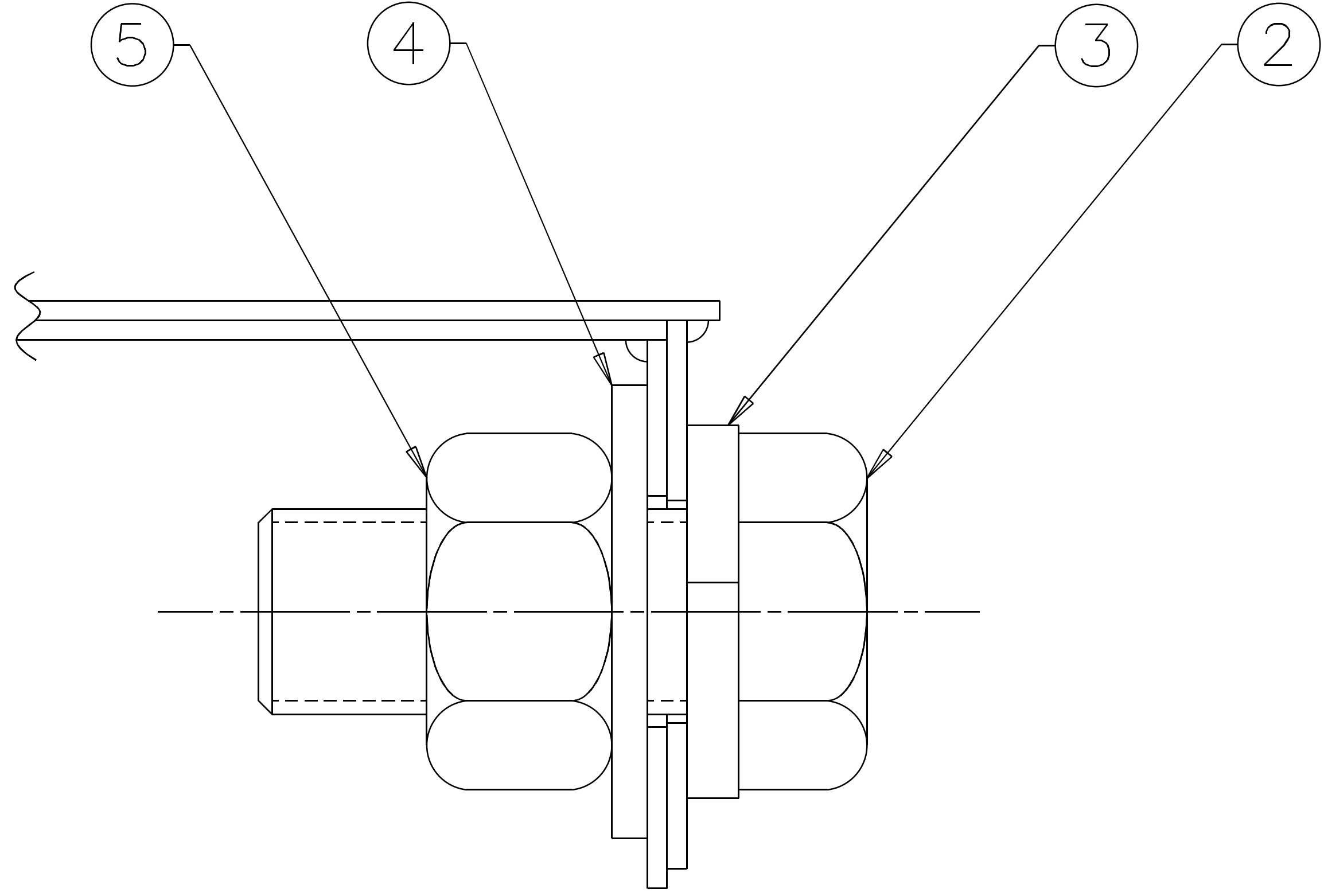
C

DETAIL B 2

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		LIGO PROJECT	
CRYO-PUMP CONE BAFFLE INSTALLATION			
SCALE: NTS	SIZE	DRAWING NUMBER	SHEET
	E	D980537-A	3 of 4



SECTION C-C 3
 (ROTATED IN VIEW)



DETAIL D 4
 FASTENING HARDWARE
 2 PL 4

SEE DETAIL D 4 4

CALIFORNIA INSTITUTE OF TECHNOLOGY		LIGO PROJECT	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
CRYO-PUMP CONE BAFFLE INSTALLATION			
SCALE: NTS	SIZE	DRAWING NUMBER	SHEET
	E	D980537-A	4 of 4