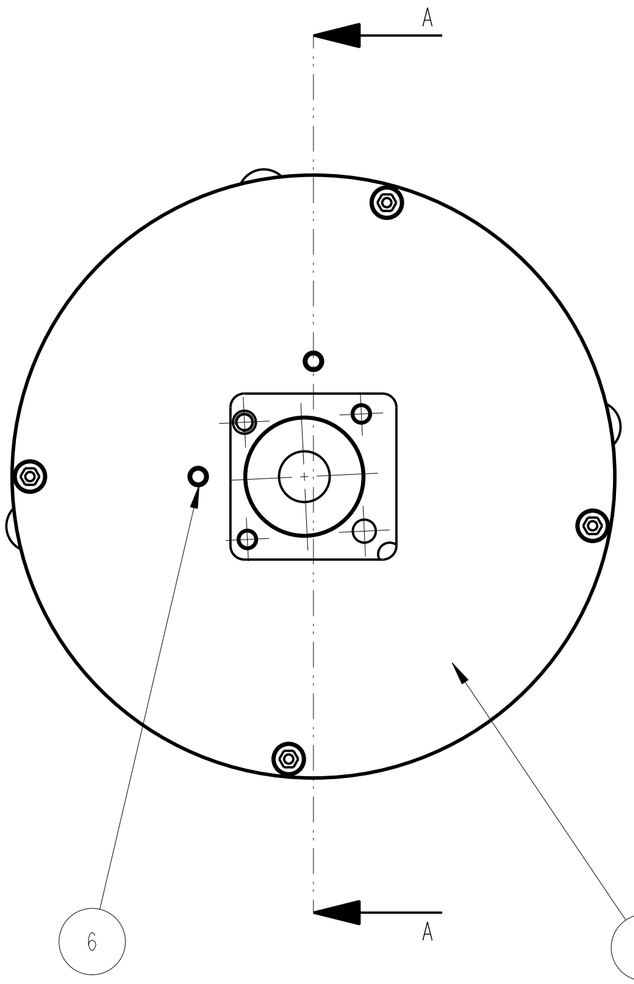
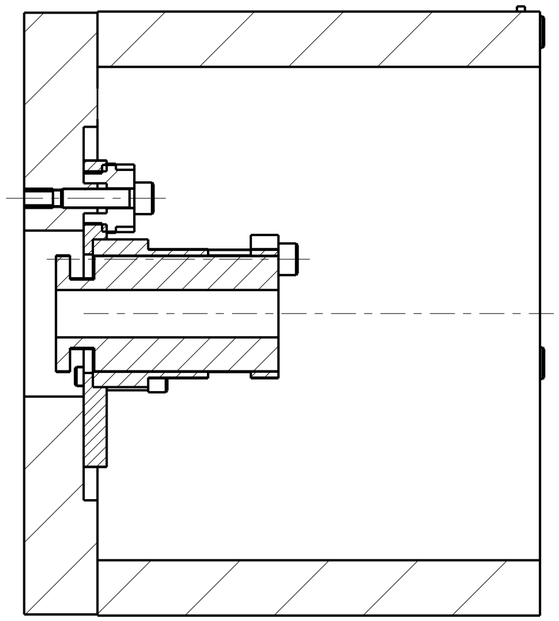
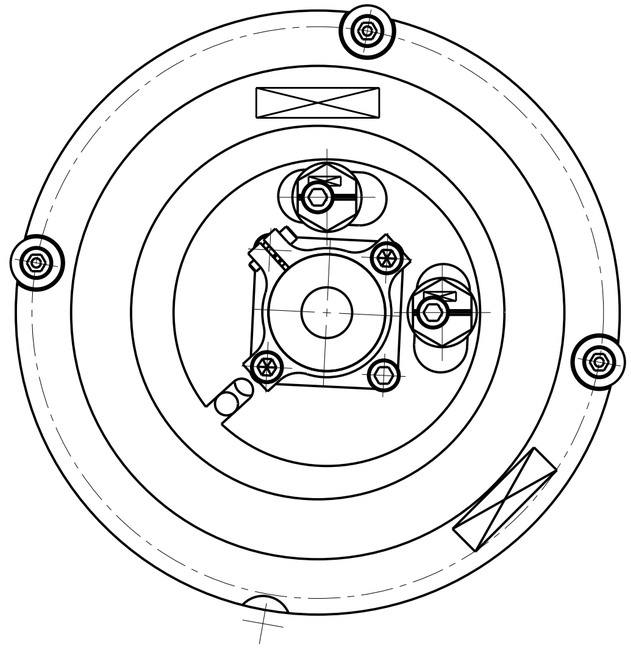
REV.	DATE	DCN #	DRAWING TREE #
.	.	.	.

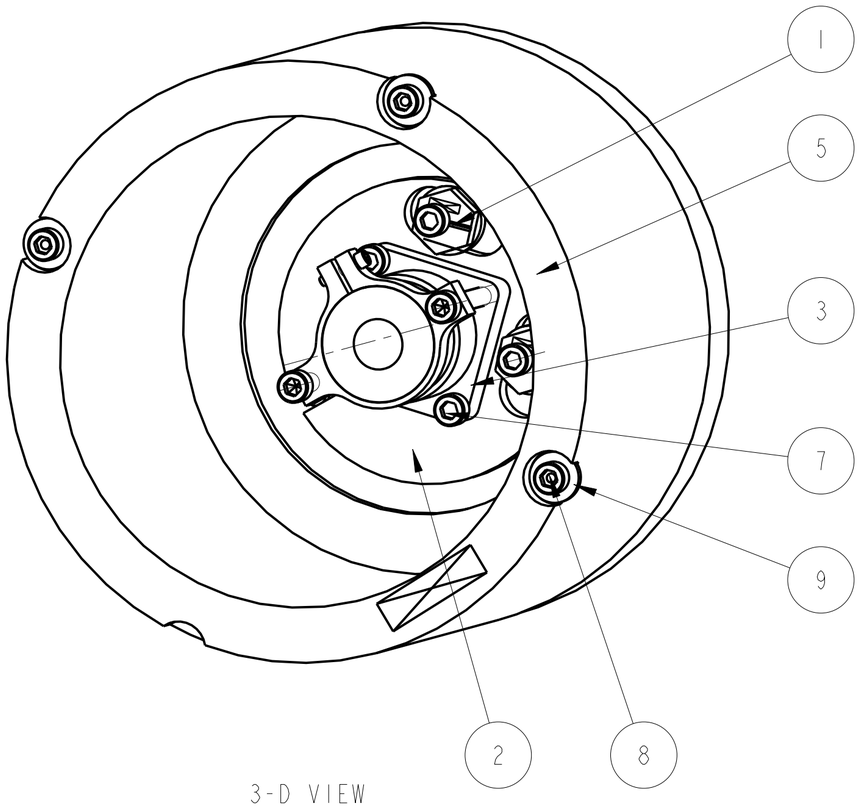
ETM PEN RE MASS CAN





SECTION A-A





3-D VIEW

ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	2			D060336	2MM CAM; OSEM ADJUSTER	PH BRONZE: --------
2	1			D060348	OSEM TRANSLATION PLATE; PEN RE MASS CAN	AL ALLOY: 5083
3	1			D060349	LIGO I OSEM MOUNT; (FOR PENRE MASS)	AS DRW: ---
4	1			D080167	CAN FRONT PLATE; PEN RE MASS CAN	ST.STEEL: 304 OR 316
5	1			D080168	CAN BODY; PEN RE MASS CAN	ST STEEL: 304 OR 316
6	2				8-32 x 1.5D UNC THREAD INSERT; .	
7	4				8-32 UNC X 0.625" CAP HEAD; .	
8	7				8-32 UNC X 0.625" CAP HEAD SILVER PLATED, VENTED; .	
9	3				8-32 UNC WASHER; .	

PARTS LIST

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. REMOVE ALL SHARP EDGES, R.02 MIN.
2. DO NOT SCALE FROM DRAWING.
3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL)
4. SCRIBE, ENGRAVE OR STAMP DRAWING PARTNUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: D020188- 001. A VIBRATORY TOOL MAY BE USED.

DIMENSIONS ARE IN mm [INCHES]
TOLERANCES:

X.XX ± mm[INCHES]
ANGULAR ±: °

MATERIAL: AS DRW

FINISH: AS DRW
Ra : --------

	NAME	DATE
DRAWN	J O'DELL	22/AUG/10
CHECKED	J'OD	22/AUG/10
APPROVED	---	---

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
IGR, GLASGOW UNIVERSITY GEO 600 GROUP
RUTHERFORD APPLETON LABORATORIES

SYSTEM aLIGO

SUB-SYSTEM SUS

NEXT ASSY QUAD PEN-RE MASS

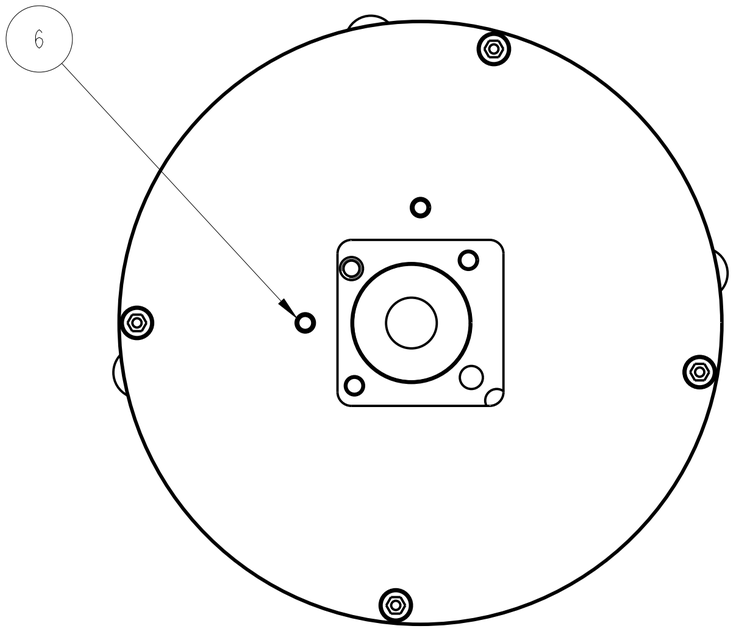
PART NAME OSEM CAN
ETM/ITM VERSION

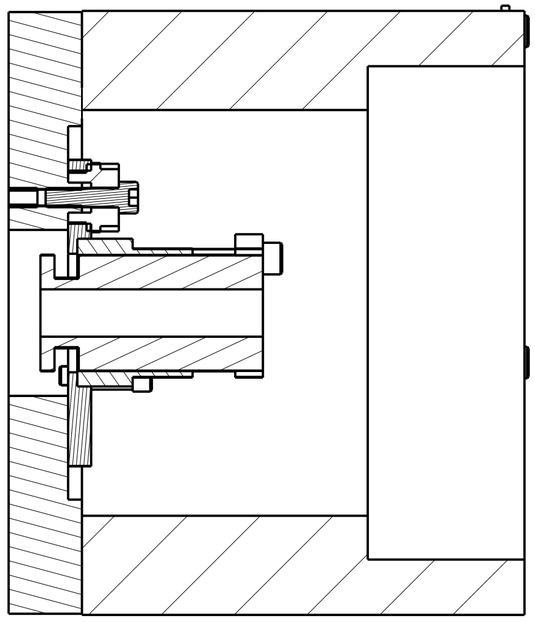
SIZE C | DRG. NO. D080166 | REV M.

SCALE 1:1 | PROJECTION: | SHEET 1 OF 2

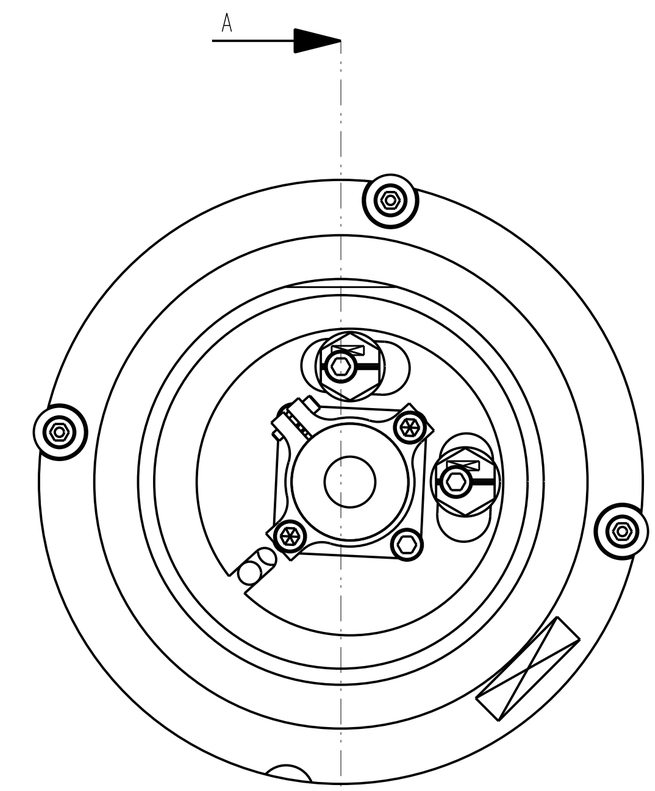
REV.	DATE	DCN #	DRAWING TREE #
.	.	.	.

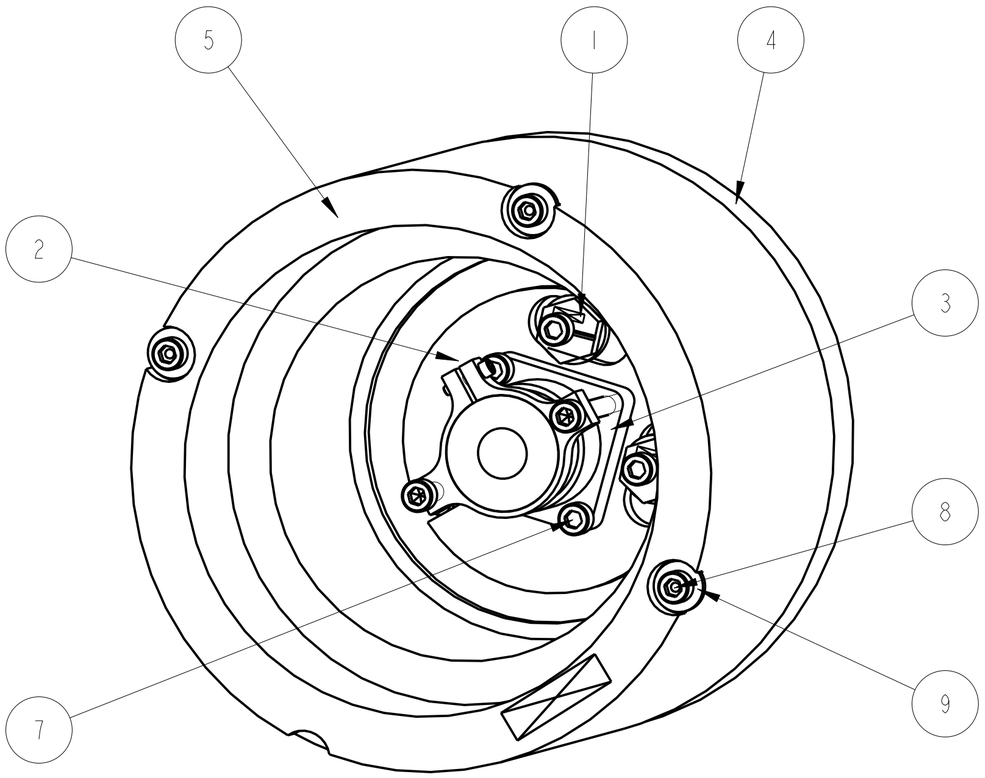
ITM PEN RE MASS CAN (THIN CP)





SECTION A-A





ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	2			D060336	2MM CAM; OSEM ADJUSTER	PH BRONZE: --------
2	1			D060348	OSEM TRANSLATION PLATE; PEN RE MASS CAN	AL ALLOY: 5083
3	1			D060349	LIGO I OSEM MOUNT; (FOR PENRE MASS)	AS DRW: ---
4	1			D080167	CAN FRONT PLATE; PEN RE MASS CAN	ST.STEEL: 304 OR 316
5	1			D1002200	HEAVY ITM CAN BODY; PEN RE ITM MASS CAN	ST STEEL: 304 OR 316
6	2				8-32 x 1.5D UNC THREAD INSERT; .	
7	4				8-32 UNC X 0.625" CAP HEAD; .	
8	7				8-32 UNC X 0.625" CAP HEAD SILVER PLATED, VENTED; .	
9	3				8-32 UNC WASHER; .	

PARTS LIST

NOTES: (UNLESS OTHERWISE SPECIFIED)

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DIMENSIONS ARE IN mm [INCHES]
TOLERANCES:

X.XX ± mm[INCHES]
ANGULAR ±- °

MATERIAL: AS DRW

FINISH: AS DRW
Ra : --------

	NAME	DATE
DRAWN	J O'DELL	- -
CHECKED	J'OD	22/AUG/10
APPROVED	---	---

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IGR, GLASGOW UNIVERSITY GEO 600 GROUP
RUTHERFORD APPLETON LABORATORIES

SYSTEM **ADVANCED LIGO**

SUB-SYSTEM **SUS**

NEXT ASSY **THIS**

PART NAME **OSEM CAN**
ETM/ITM VERSION

SIZE **C** DRG. NO. **D080166** REV **M.**

SCALE 1:1 | PROJECTION: | SHEET 2 OF 2