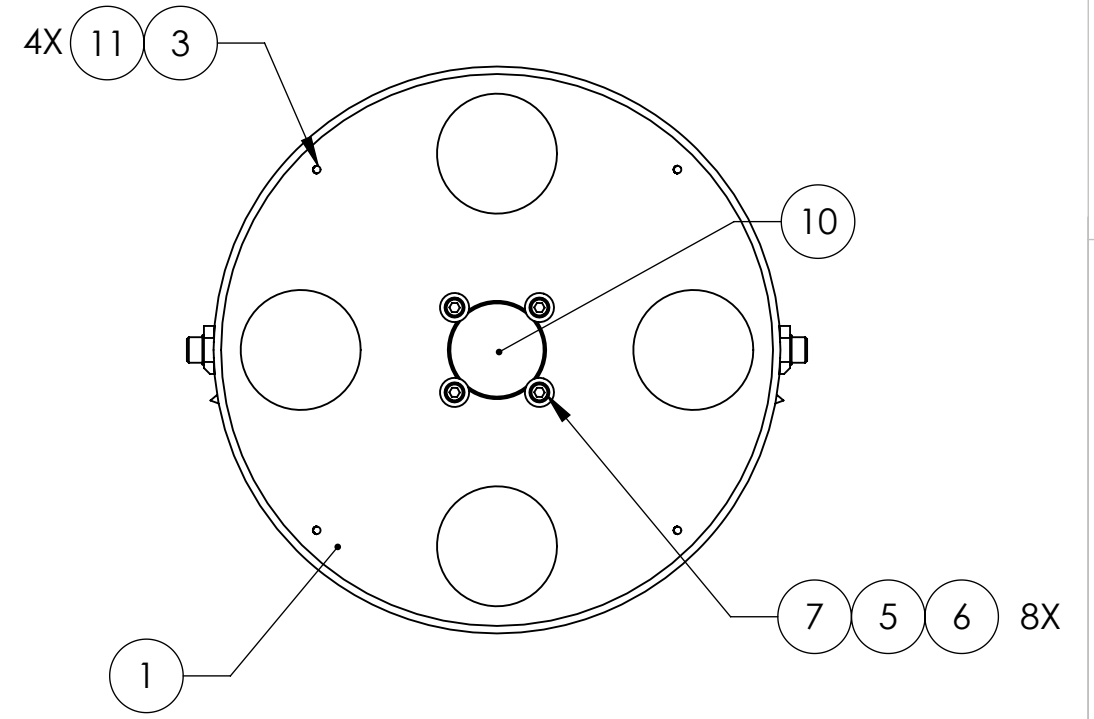
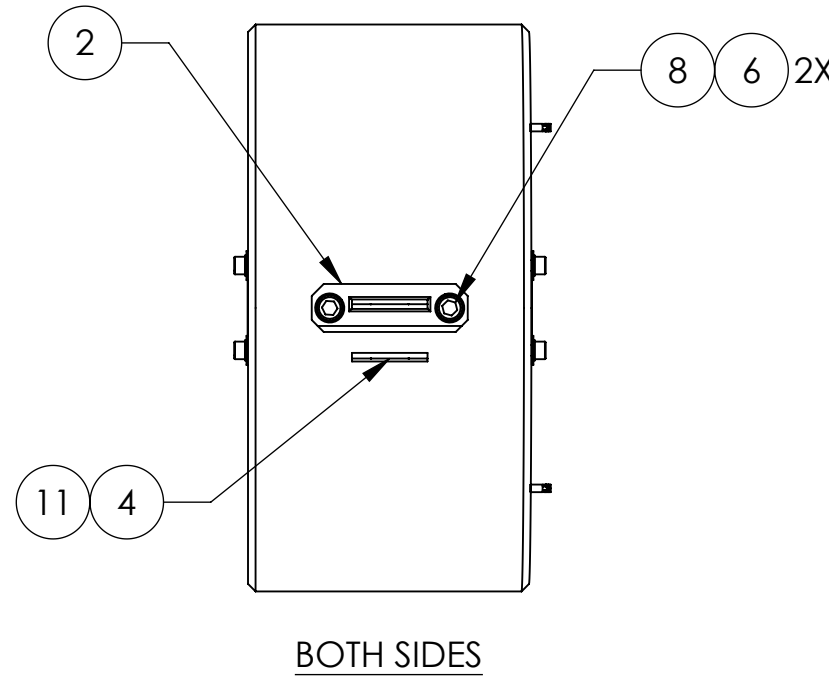
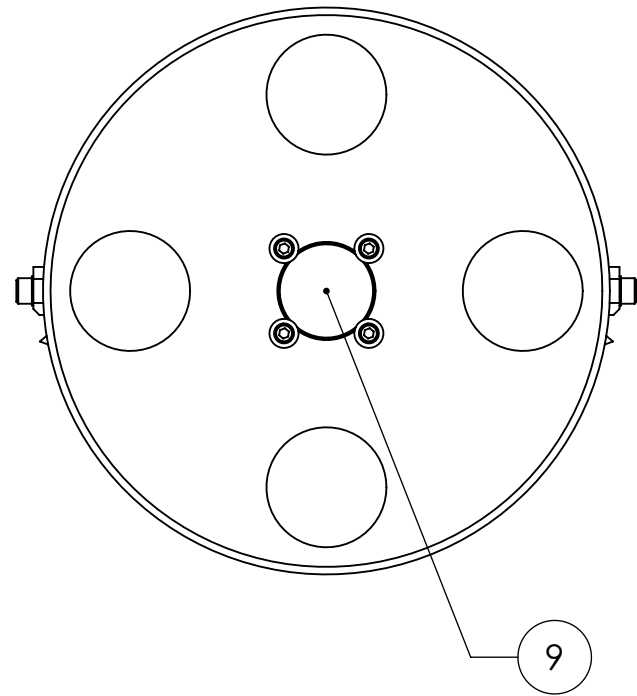


D0901791_AdvLIGO_SUS_HSTS_Metal Test Mass Assembly, PART PDM REV: X-020, DRAWING PDM REV: X-006

REV.	DATE	DCN #	DRAWING TREE #
v1	30 DEC 2009	E0900507	E0900353
-	-	-	-
-	-	-	-



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
11	-	UHV-COMPATIBLE ADHESIVE (CERAMABOND #835M OR EQUIVALENT)	-	A/R	-	A/R
10	PW1-1037-UV	LASER GRADE WINDOW (CVI LASER P/N OR EQUIVALENT)	-	1	1	2
9	Y1-1037-0	HIGH POWER Nd-YAG LASER MIRROR (CVI LASER P/N OR EQUIVALENT)	-	1	1	2
8	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.375 LONG	300 SSSL	4	1	5
7	-	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 0.375 LONG	300 SSSL	8	2	10
6	-	WASHER, FLAT, #8 (NAS 620-C8L OR EQUIVALENT)	300 SSSL	12	3	15
5	-	WASHER, FLAT, #4 (NAS 620-C4L OR EQUIVALENT)	300 SSSL	8	2	10
4	D0901278	HSTS SECONDARY METAL PRISM	304, 316 OR 302 SSSL	2	1	3
3	D0902432	MAGNET/STANDOFF ASSEMBLY, HSTS TEST MASS	N/A	4	1	5
2	D0901790	PRIMARY METAL BREAKOFF PRISM, HSTS	304, 316 OR 302 SSSL	2	-	2
1	D020234	METAL LOWER MASS (MC), HSTS	6061-T6 Al	1	-	1
PARTS LIST						

NOTES: (UNLESS OTHERWISE SPECIFIED)
 1. PARTS TO BE ASSEMBLED ACCORDING TO E030518, HSTS ASSEMBLY SPECIFICATION, USING D020427, HSTS MAGNET PLACEMENT FIXTURE.

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME METAL LOWER MASS ASSEMBLY (MC), HSTS	
SYSTEM ADVANCED LIGO	SUB-SYSTEM SUS	DESIGNER M. MEYER	17 AUG 2009
DRAFTER B. MOORE	27 OCT 2009	CHECKER M. MEYER	27 OCT 2009
APPROVAL		SCALE: 1:2	PROJECTION:

SIZE DWG. NO. B **D0901791** **REV.** v1
NEXT ASSY D020700 **SHEET 1 OF 1**