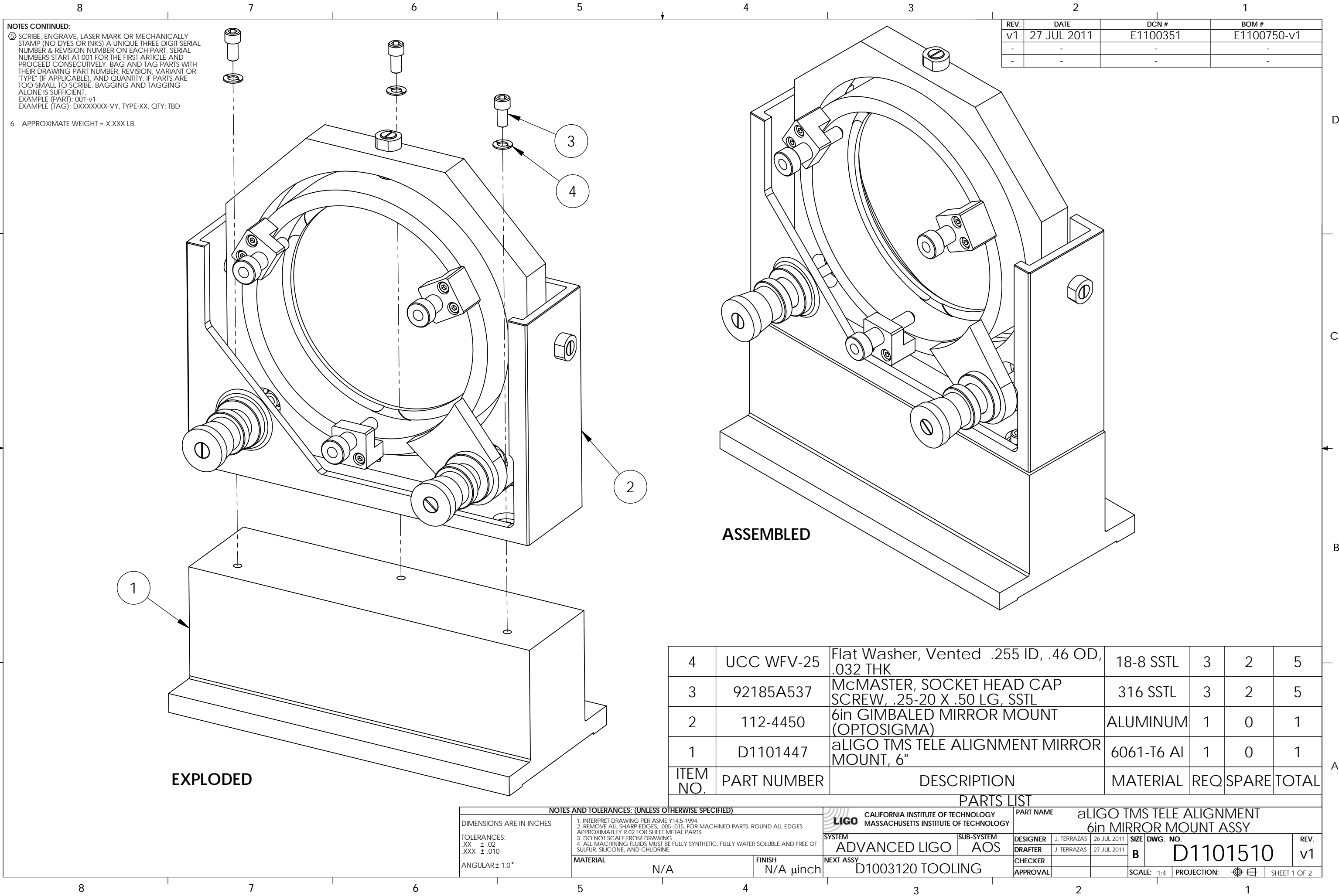


D1101510_aLIGO TMS TELE ALIGNMENT 6in MIRROR MOUNT ASSY, PART PDM REV: X-002, DRAWING PDM REV: X-002



REV.	DATE	DCN #	BOM #
v1	27 JUL 2011	E1100351	E1100750-v1
-	-	-	-
-	-	-	-

NOTES CONTINUED:
 5. SCRIBE, ENGRAVE, LASER MARK OR MECHANICALLY STAMP (NO DYES OR INKS) A UNIQUE THREE DIGIT SERIAL NUMBER & REVISION NUMBER ON EACH PART. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. BAG AND TAG PARTS WITH THEIR DRAWING PART NUMBER, REVISION, VARIANT OR "TYPE" (IF APPLICABLE), AND QUANTITY. IF PARTS ARE TOO SMALL TO SCRIBE, BAGGING AND TAGGING ALONE IS SUFFICIENT.
 EXAMPLE (PART): 001-v1
 EXAMPLE (TAG): DXXXXXX-VY, TYPE-XX, QTY: TBD

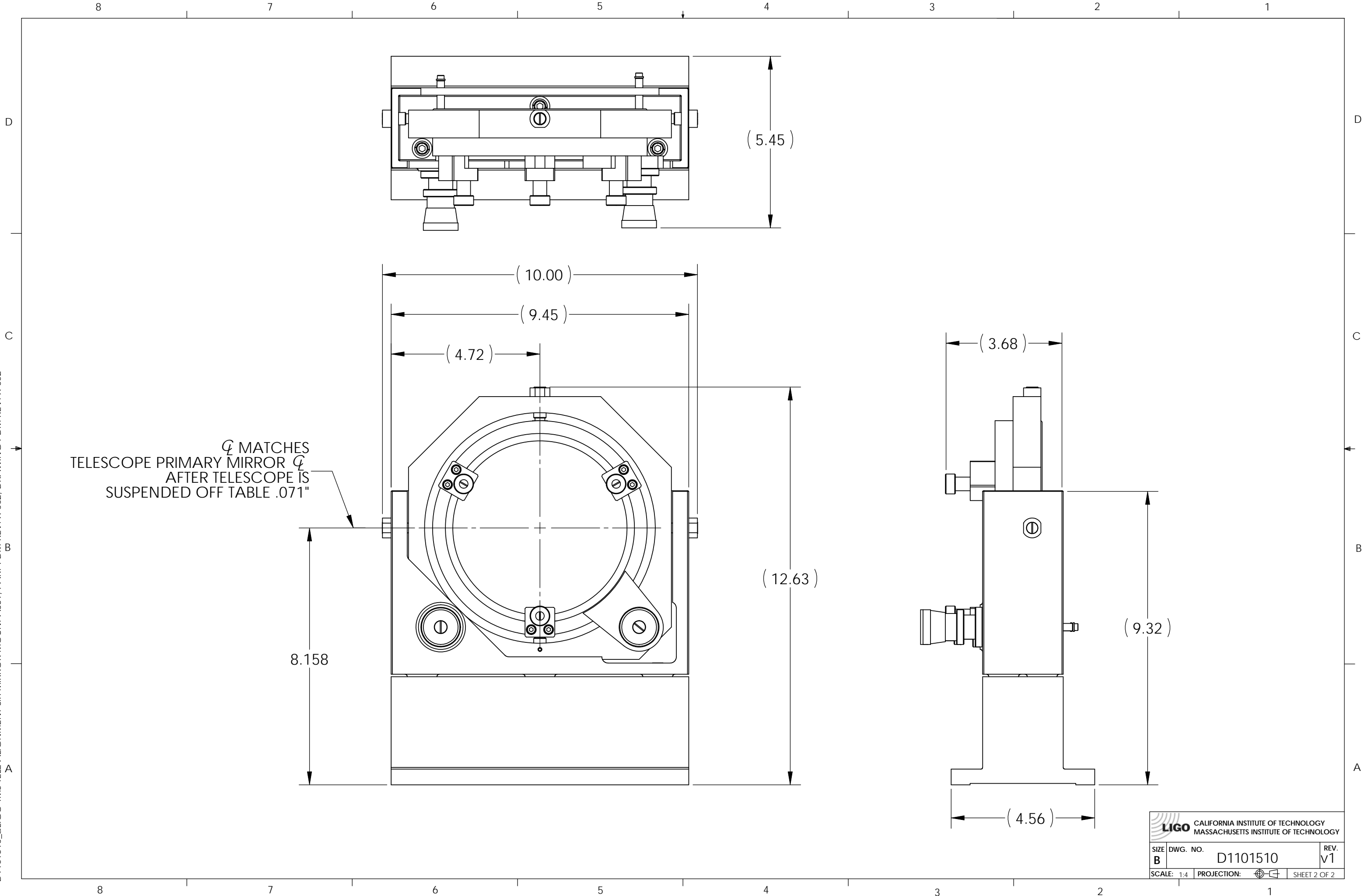
6. APPROXIMATE WEIGHT = X.XXX LB.

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
4	UCC WFV-25	Flat Washer, Vented .255 ID, .46 OD, .032 THK	18-8 SSSL	3	2	5
3	92185A537	McMASTER, SOCKET HEAD CAP SCREW, .25-20 X .50 LG, SSSL	316 SSSL	3	2	5
2	112-4450	6in GIMBALED MIRROR MOUNT (OPTOSIGMA)	ALUMINUM	1	0	1
1	D1101447	aLIGO TMS TELE ALIGNMENT MIRROR MOUNT, 6"	6061-T6 Al	1	0	1

PARTS LIST

DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .02 .XXX ± .010 ANGULAR ± 1.0°		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) 1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWINGS. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME aLIGO TMS TELE ALIGNMENT 6in MIRROR MOUNT ASSY	
MATERIAL N/A		FINISH N/A μinch		SYSTEM ADVANCED LIGO		SUB-SYSTEM AOS	
NEXT ASSY D1003120 TOOLING		DESIGNER J. TERRAZAS 26 JUL 2011		SIZE B		DWG. NO. D1101510	
		DRAFTER J. TERRAZAS 27 JUL 2011		SCALE: 1:4		PROJECTION:	
		CHECKER		SHEET 1 OF 2		REV. v1	
		APPROVAL					

D1101510_aLIGO TMS TELE ALIGNMENT 6in MIRROR MOUNT ASSY, PART PDM REV: X-002, DRAWING PDM REV: X-002



\varnothing MATCHES
 TELESCOPE PRIMARY MIRROR \varnothing
 AFTER TELESCOPE IS
 SUSPENDED OFF TABLE .071"

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
B	D1101510	v1
SCALE: 1:4	PROJECTION:	SHEET 2 OF 2