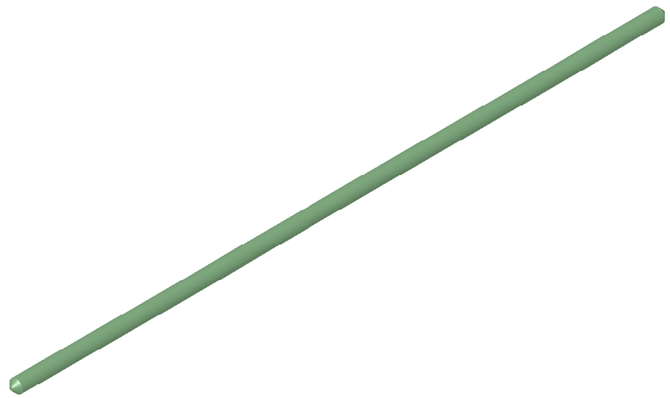
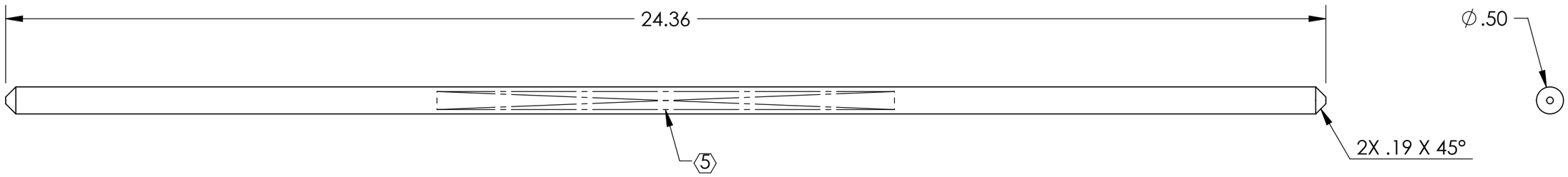
NOTES CONTINUED:

5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXXX-VY, TYPE-XX, S/N XXX
6. 63 µINCH Ra MACHINED ENDS & CHAMFERS. AS RECEIVED MILL FINISH ON O.D..

REV.	DATE	DCN #	DRAWING TREE #
v1	20 MAY 2011	E1100351-v1	-
-	-	-	-
-	-	-	-





D1100729 TMS Telescope Mirror Gauge Rod, PART PDM REV: X-004, DRAWING PDM REV: X-003

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .01
.XXX ± .005

ANGULAR ± 2°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATLEY R.02 FOR SHEET METAL PARTS.
3. DO NOT SCALE FROM DRAWING.
~~4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.~~

MATERIAL 6061-T6 ALUMINUM ROD

FINISH 6

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ADVANCED LIGO | **SUB-SYSTEM** AOS

NEXT ASSY TOOLING

PART NAME TMS TELESCOPE MIRROR GAUGE ROD

DESIGNER	M. SMITH	18 APR 2011
DRAFTER	C. CONLEY	20 MAY 2011
CHECKER		
APPROVAL		

SIZE B | **DWG. NO.** D1100729 | **REV.** v1

SCALE: NONE | **PROJECTION:** | SHEET 1 OF 1