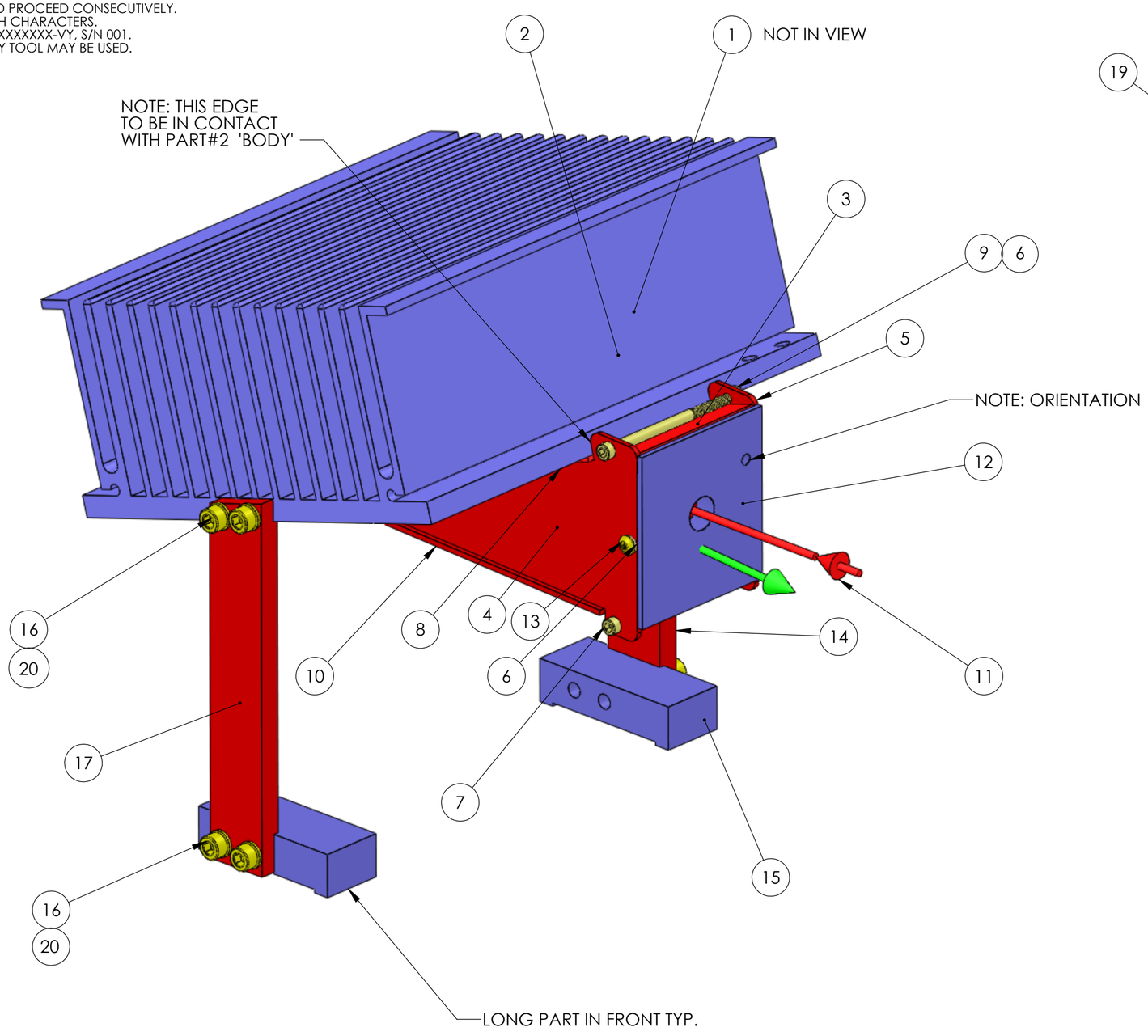
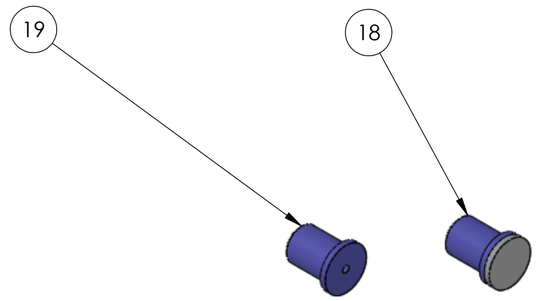
NOTES CONTINUED:

⑤ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON NOTED SURFACE FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: DXXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.

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



SEE ASSEMBLY DOCUMENT



ALIGNMENT TARGETS
SEE ASSEMBLY DOCUMENT

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
20	90945A726	McM #90945A726_SS_8_ WASHER.SLDPRT	AISI 304	8		8
19	D0900843	ELIGO_35W_AIR_COOL_BM_DUMP_TARGET	6061	1		1
18	D0900969	ELIGO_35W_AIR_COOL_BM_DUMP_TARGET_MIRROR_ASSEM	6061	1		1
17	D0900811	ELIGO_35W_BEAM_DUMP_S.POL_FT_SPCER_LH	AISI 304	1		1
16	92196A194	McM #92196A194 SHCS_SS_8-32 X .5 LONG.SLDPRT	AISI 304	8		8
15	D0900809	ELIGO_35_WATT_BEAM_DUMP_S.POL_FOOT	6061 Alloy	2		2
14	D0900810	ELIGO_35W_BEAM_DMP_S.POL_FOOT_SPACER	AISI 304	1		1
13	92949A106	McM #92949A106 BUTTON HD_SS_ 4-40X.25 LONG.SLDPRT		2		2
12	D0900815	ELIGO_35_WATT_BEAM_DUMP_APERTURE_PL	6061 Alloy	1		1
11	REF.SKETCH	RAY_PATH_RED-IN_GREEN-OUT-BLOCKED_.SLDPRT				
10	D0900328	35_WATT_BEAM_DUMP_ OUTSIDE_PLATE	AISI 304	1		1
9	90730A005	McM #90730A005 _SS_4-40 HEX NUT.SLDPRT		4		4
8	92949A144	McM #92949A144 _BUTTON_HD_6-32 X .25_LG.SLDPRT		4		4
7	92196A121	McM #92196A121 _4-40_SS_SHCS_2IN_LONG.SLDPRT		4		4
6	90945A711	McM #90945A711 _SS_4_Washer.SLDPRT		6		6
5	D0900765	35W_BEAM_DUMP_BOTTOM_PLATE	AISI 304	1		1
4	D0900326	35_W_BEAM_DUMP_ TOP_PLATE	AISI 304	1		1
3	D0900329	35_WATT_BEAM_DUMP_ INSIDE_PLATE	AISI 304	1		1
2	D0900321	ELIGO_35_WATT_HEAT_SINK_BODY	6061 Alloy	1		1
1	D0900345	ELIGO_35_W_BEAM_DUMP_SI_SUBSTRATE	Silicon	1		1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .02
.XXX ± .005

ANGULAR ± 1.0°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, R.02 MIN.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410.

MATERIAL --

FINISH NA µinch

NEXT ASSY

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ENHANCED LIGO

SUB-SYSTEM AOS

PART NAME 35 WATT BEAM DUMP S.POL ASSEM

DESIGNER	KMAILAND	04-20-2009
DRAFTER	KMAILAND	04-20-2009
CHECKER		
APPROVAL		

SIZE c **DWG. NO.** D0900177 **REV.** v1

SCALE: 1:2 **PROJECTION:** SHEET 1 OF 1