NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES AND BURRS AND ROUND EDGES APPROXIMATELY R.02.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINE FLUIDS MUST BE FULLY SYNTHETIC, FULL WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO DOCUMENT E0900237.

(5) MECHANICALLY STAMP (NO INKS OR DYES) PART NUMBER, REVISION AND SERIAL NUMBER .020 DEEP WITH MINIMUM CHARACTER HEIGHT .156 APPROXIMATELY WHERE SHOWN. SERIAL NUMBER WILL START AT 001 AND PROCEED CONSECUTIVELY.
EXAMPLE: D100XXX=V1
S/N 001

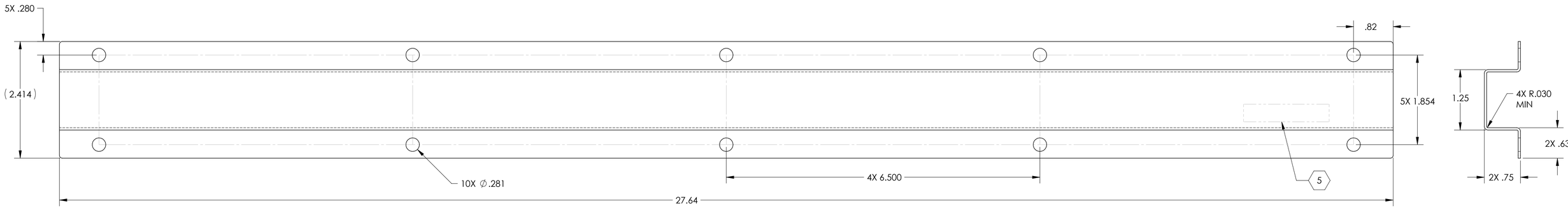
6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.
7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (I.E. NO WELD REPAIRS OR PLUGS) UNLESSS APPROVED IN ADVANCE, IN WRITING, BY LIGO PER SPECIFICATION E0900364.

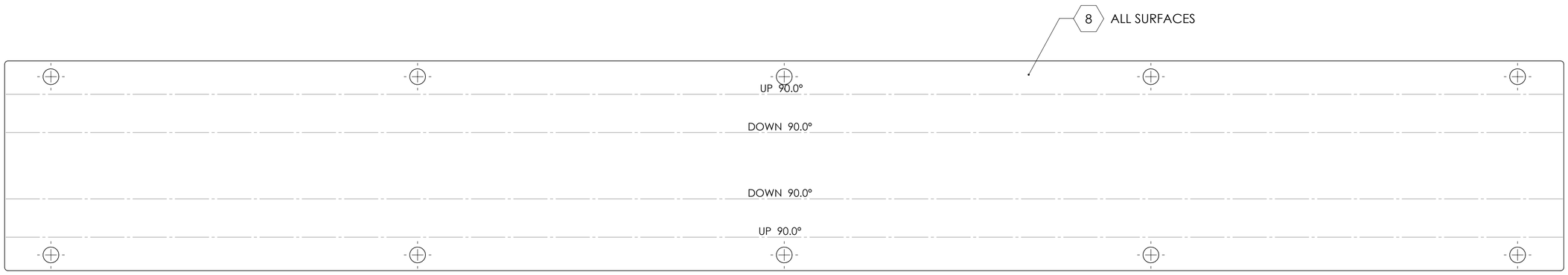
(8) SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.

9. BEND RADIUS: UNLESS OTHERWISE NOTED, THE BEND RADIUS SHOULD BE THE MINIMUM REQUIRED TO FORM WITHOUT CRACKING OR REQUIRING ADDITIONAL WORK WHEN FORMING.

(10) ELECTRO-POLISH IN ACCORDANCE WITH E0900364.

REV.	DATE	DCN #	DRAWING TREE #
v1	10 JUN 2010	D1000285	-
v2	11 MAR 2011	D1100216	-
v3	25 JUN 2011	D1100335	-
v4	18 JUL 2011	D1100335	





NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .03
.XXX ± .015

ANGULAR ± 1.0°

MATERIAL: 18GA, 304 SSTL

FINISH: (8) (10)

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO

SUB-SYSTEM: AOS

NEXT ASSY: D1000977

PART NAME: ACB SIDE REINFORCING HATSECTION

DESIGNER	N.Nguyen	01 Jul @010	SIZE	DWG. NO.	REV.
DRAFTER	TQ. NGUYEN	10 JUN 2010	D	D1001363	v4
CHECKER	M. SMITH	10 NOV 2010			
APPROVAL	D. COYNE	20 NOV 2010	SCALE: 1:1	PROJECTION:	SHEET 1 OF 1

D1001363_AdLIGO_AOS_SLC ARM Baffle Side Reinforcing Hatsection, PART PDM REV-X-021, DRAWING PDM REV-X-023