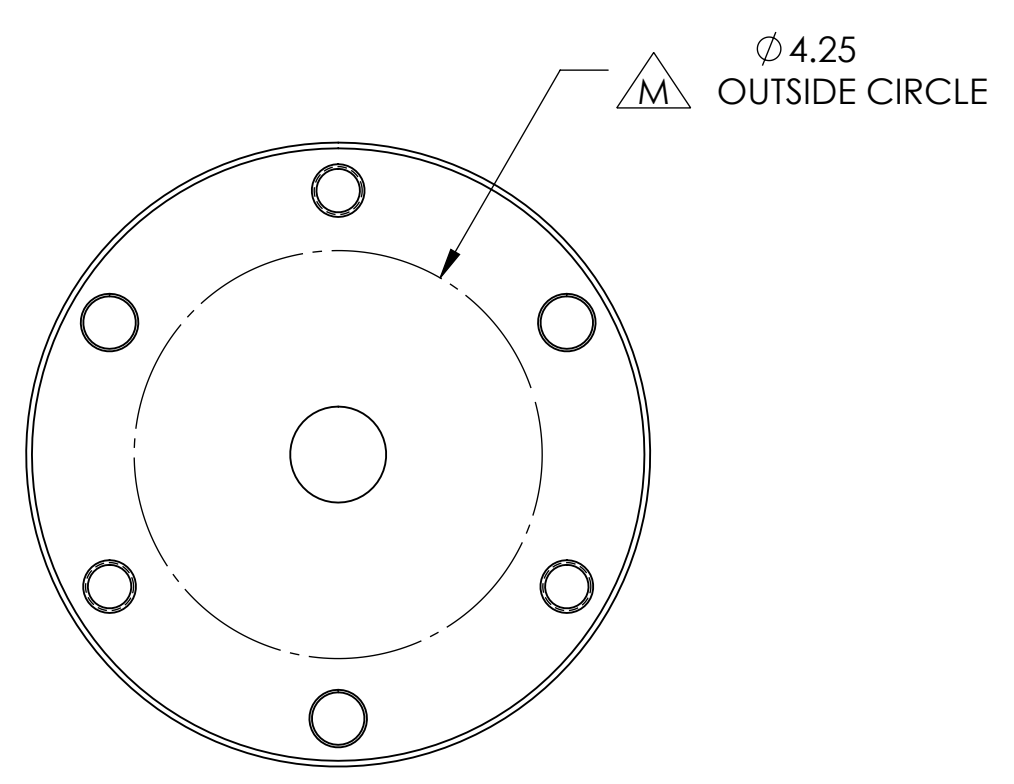
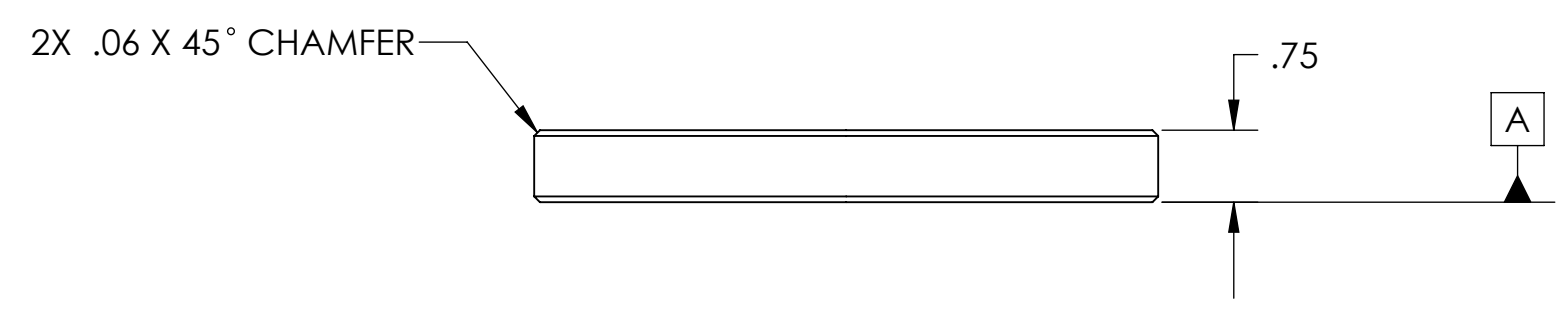
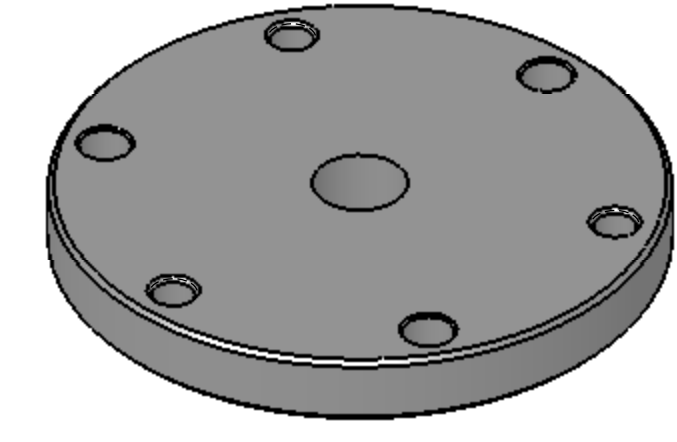
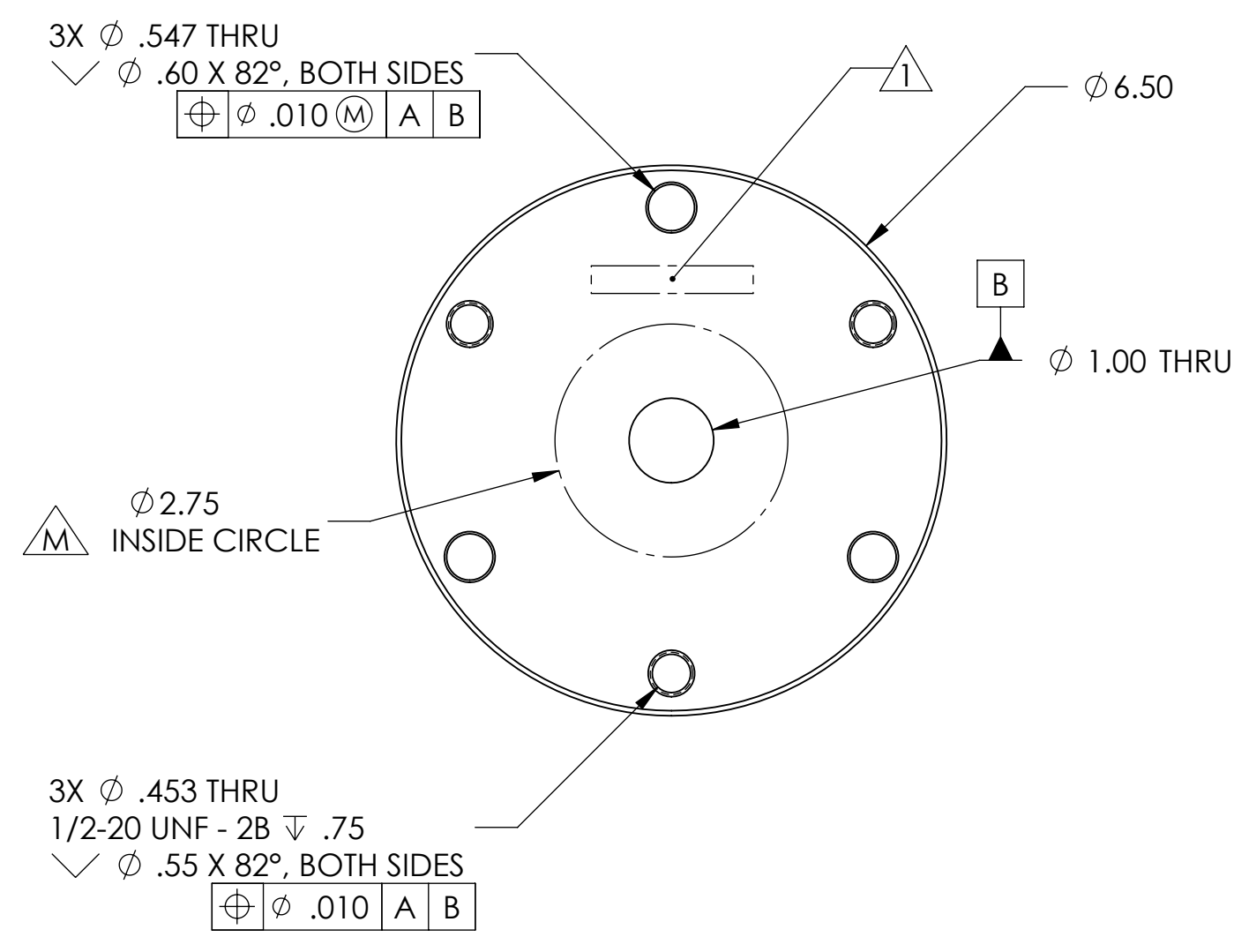


REV	DATE	APPROVAL	DESCRIPTION
A	01/03/2002		INITIAL RELEASE.
B	07/17/2008	A. STEIN	TOP SURFACE RECESSED, FOR ADVANCED LIGO HAM HEPI.
C	09/05/2008	A. STEIN	SPLIT DESIGN FOR BSC AND HAM HEPI SYSTEMS INTO SEPARATE CONFIGURATIONS.



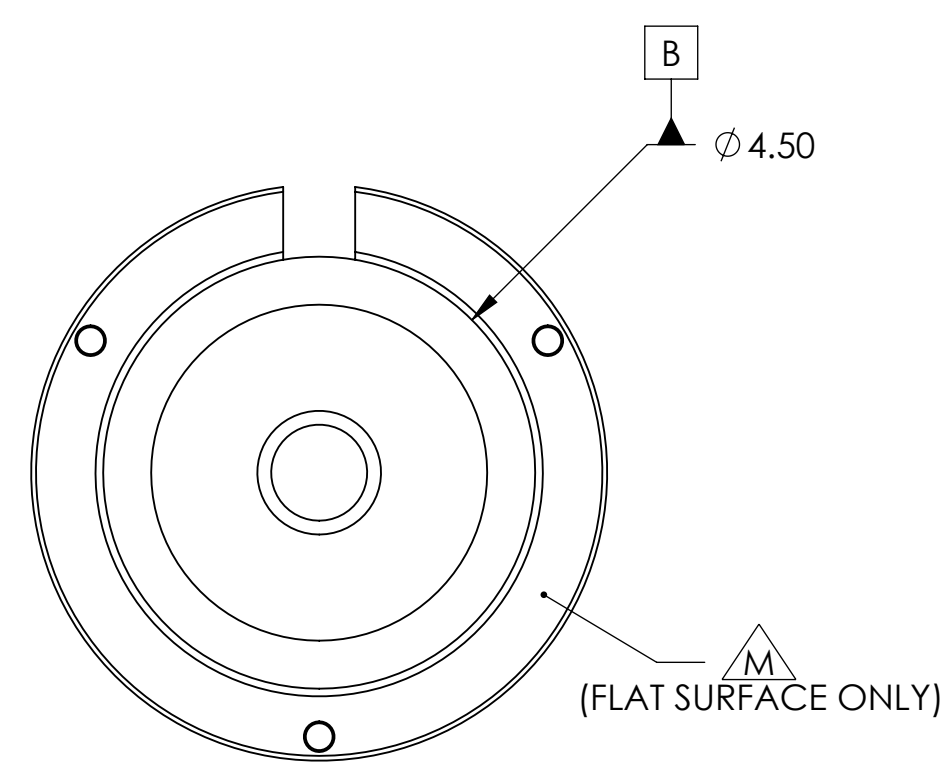
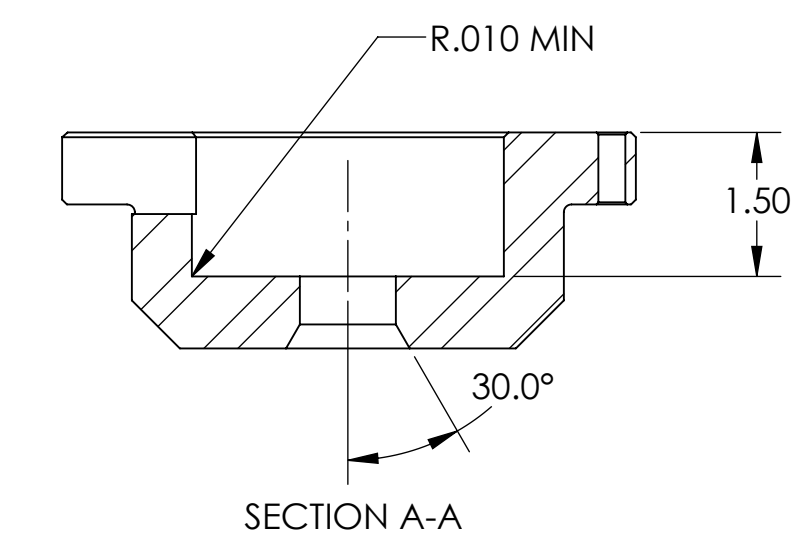
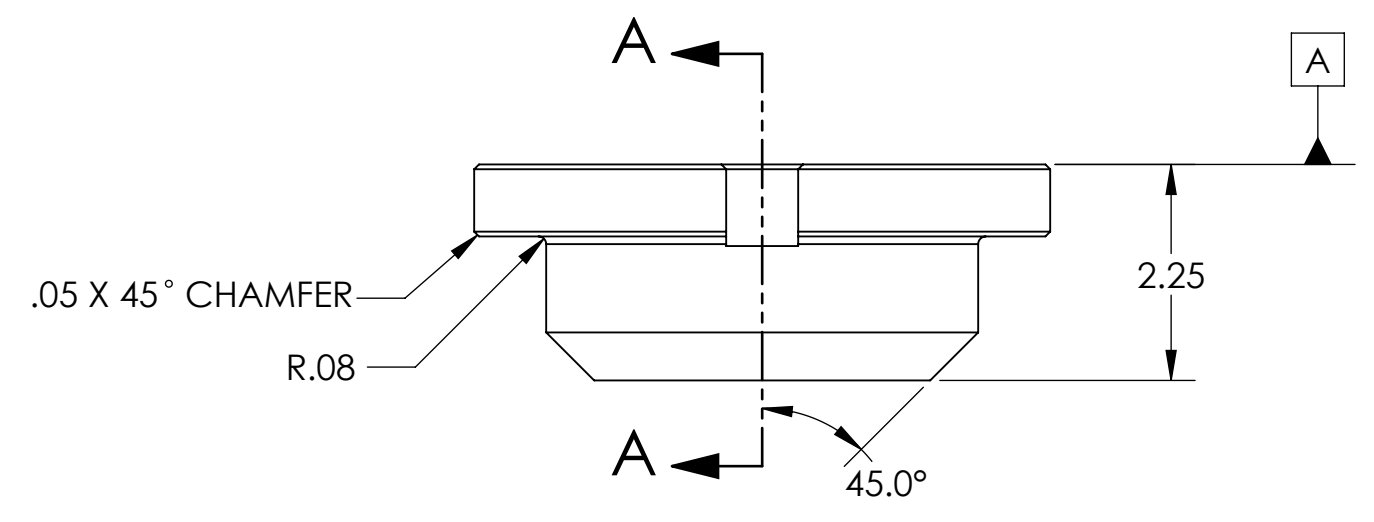
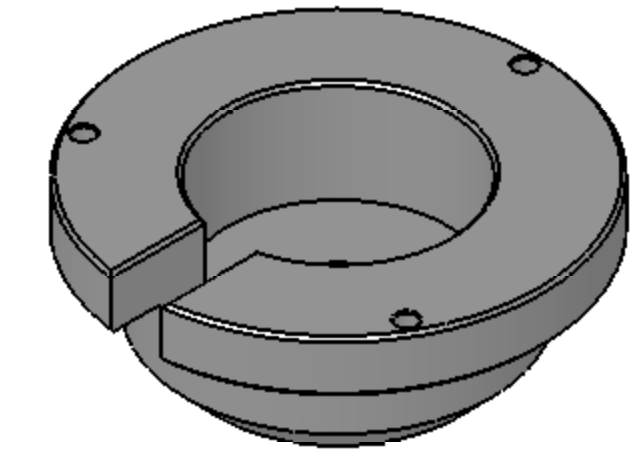
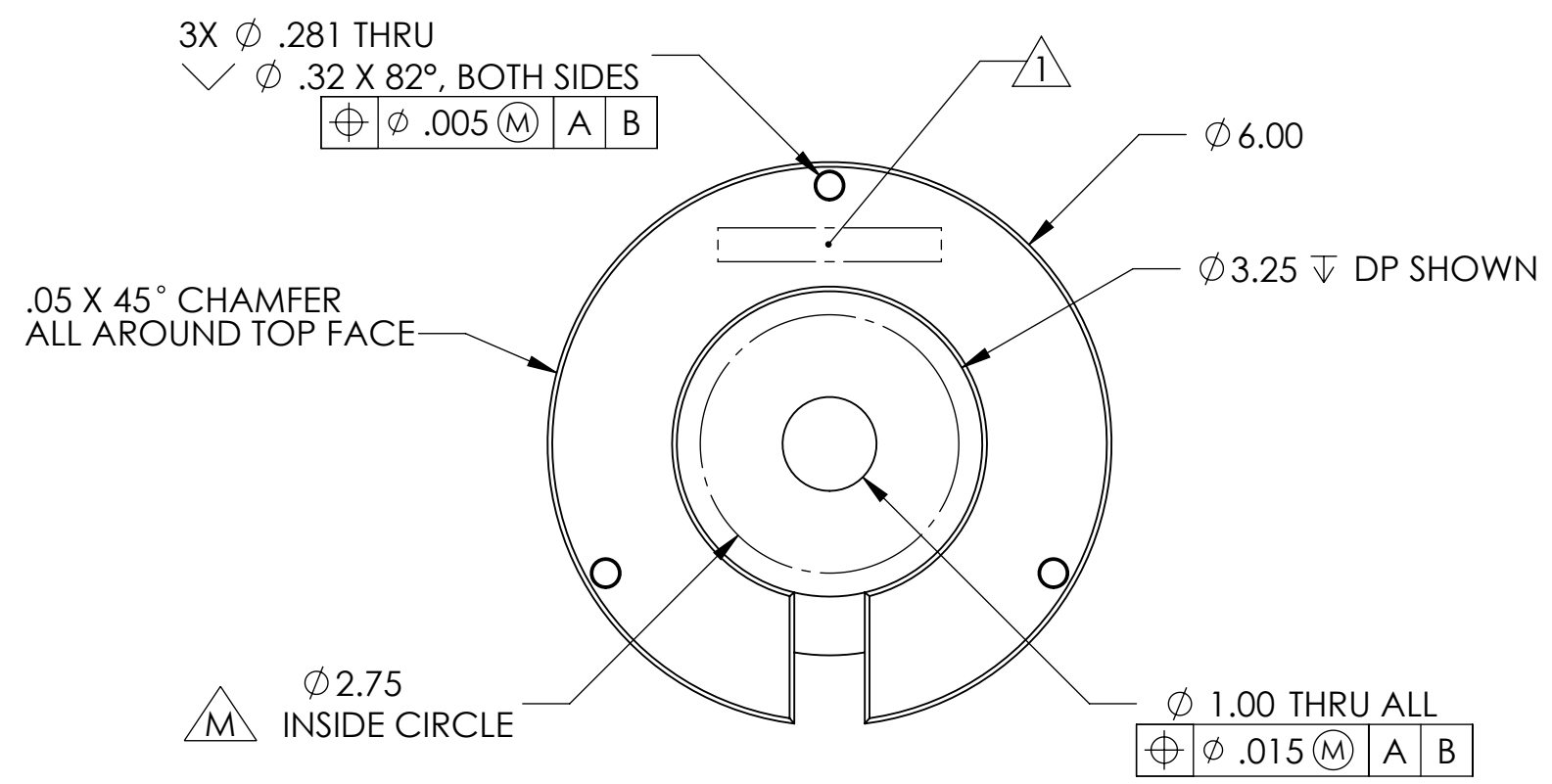
NOTES:

- 1) WHERE INDICATED, MECHANICALLY SCRIBE, STAMP, OR ENGRAVE THE FOLLOWING INFORMATION AS SHOWN BELOW: PART NUMBER-REVISION, TYPE, FOLLOWED ON THE NEXT LINE WITH A UNIQUE 3-DIGIT SERIAL NUMBER STARTING AT 001 FOR THE FIRST PART AND INCREMENTING THEREAFTER. USE 0.12" TALL CHARACTERS UNLESS PART SIZE DICTATES SMALLER. LETTERING MUST BE VISIBLE AFTER PAINTING, IF APPLICABLE.  
  
D020002-C, TYPE 00  
S/N - ###
- 2) PLUG ALL SCREW HOLES, BOTH TAPPED AND THRU.
- 3) PAINT ALL SURFACES, EXCEPT WHERE INDICATED BY  $\triangle M$ . USE MEDIUM BLUE SHERWIN WILLIAMS (POLANE (R) T-PLUS POLYURETHANE ENAMEL). PRIME WITH SHERWIN WILLIAMS INDUSTRIAL WASH PRIMER P60G2.
- 3) APPLY "OXISOLV RUST INHIBITOR" TO ALL UNPAINTED SURFACES, PER MFG INSTRUCTIONS. REMOVE PLUGS FROM ALL HOLES.

CONFIGURATION: **BSC HEPI**  
TYPE 00

NOTES: (UNLESS OTHERWISE SPECIFIED)		DIMENSIONS ARE IN INCHES		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP	
1. DO NOT SCALE FROM DRAWING. 2. REMOVE ALL SHARP EDGES. LEAVE .005 X 45° MIN CHAMFER, OR .005 MIN RADIUS. 3. ALL MACHINING FLUIDS MUST BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. E.G., MILACRON CIMTECH 410. 4. CLEAN THOROUGHLY TO REMOVE ALL OIL, DIRT, AND CHIPS.		TOLERANCES: XX ± 0.015 XXX ± 0.005	SURFACE ROUGHNESS: ✓	SYSTEM	ADVANCED LIGO
THIS PRINT & THE EMBEDDED CAD MODEL ARE THE DOCUMENTATION OF RECORD. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS IN THE MODEL ARE BASIC, WITH TOLERANCES GIVEN BY:		ANGULAR ± 0.5°	MATERIAL	SUB-SYSTEM	SEI
			1018 CRS	NEXT ASSY	D030320
			FINISH	PART NAME	
			SEE NOTES	HEPI OFFLOAD SPRING CAP	
DRAWN	D. MASON	01/03/2002	SIZE	DWG. NO.	REV.
CHECKED			C	D020002	C
APPROVED			SCALE: 1:2	PROJECTION:	SHEET 1 OF 2

REV	DATE	APPROVAL	DESCRIPTION
-	-	-	See Sheet 1.



NOTES:

- 1) WHERE INDICATED, MECHANICALLY SCRIBE, STAMP, OR ENGRAVE THE FOLLOWING INFORMATION AS SHOWN BELOW: PART NUMBER-REVISION, TYPE, FOLLOWED ON THE NEXT LINE WITH A UNIQUE 3-DIGIT SERIAL NUMBER STARTING AT 001 FOR THE FIRST PART AND INCREMENTING THEREAFTER. USE 0.12" TALL CHARACTERS UNLESS PART SIZE DICTATES SMALLER. LETTERING MUST BE VISIBLE AFTER PAINTING, IF APPLICABLE.
- 2) PLUG ALL SCREW HOLES, BOTH TAPPED AND THRU.
- 3) PAINT ALL SURFACES, EXCEPT WHERE INDICATED BY  $\triangle M$ . USE MEDIUM BLUE SHERWIN WILLIAMS (POLANE (R) T-PLUS POLYURETHANE ENAMEL). PRIME WITH SHERWIN WILLIAMS INDUSTRIAL WASH PRIMER P60G2.
- 3) APPLY "OXISOLV RUST INHIBITOR" TO ALL UNPAINTED SURFACES, PER MFG INSTRUCTIONS. REMOVE PLUGS FROM ALL HOLES.

D020002-C, TYPE 01  
 S/N - ###

CONFIGURATION: **HAM HEPI**  
 TYPE 01

NOTES: (UNLESS OTHERWISE SPECIFIED)		DIMENSIONS ARE IN INCHES		CALIFORNIA INSTITUTE OF TECHNOLOGY LIGO MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP	
1. DO NOT SCALE FROM DRAWING. 2. REMOVE ALL SHARP EDGES. LEAVE .005 X 45° MIN CHAMFER, OR .005 MIN RADIUS. 3. ALL MACHINING FLUIDS MUST BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. E.G., MILACRON CIMTECH 410. 4. CLEAN THOROUGHLY TO REMOVE ALL OIL, DIRT, AND CHIPS.		TOLERANCES: XX ± 0.015 XXX ± 0.005	SURFACE ROUGHNESS: $\sqrt{}$	SYSTEM ADVANCED LIGO	
THIS PRINT & THE EMBEDDED CAD MODEL ARE THE DOCUMENTATION OF RECORD. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS IN THE MODEL ARE BASIC, WITH TOLERANCES GIVEN BY: $\oplus$ .015 A B		ANGULAR ± 0.5°	MATERIAL 1018 CRS	SUB-SYSTEM SEI	
FINISH SEE NOTES			NEXT ASSY D030320		
DRAWN D. MASON 01/03/2002	NAME DATE	PART NAME HEPI OFFLOAD SPRING CAP		SIZE DWG. NO. D020002	
CHECKED		SCALE: 1:2		PROJECTION: $\oplus$ SHEET 2 OF 2	
APPROVED				REV. C	