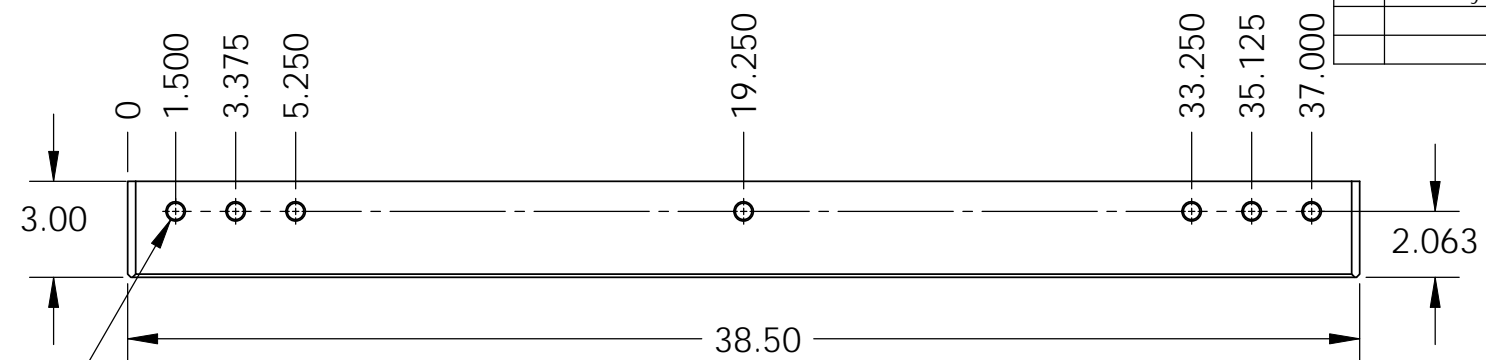


REV.	DATE	DCN #	DRAWING TREE #
v1	25 May 2010	E1000195	

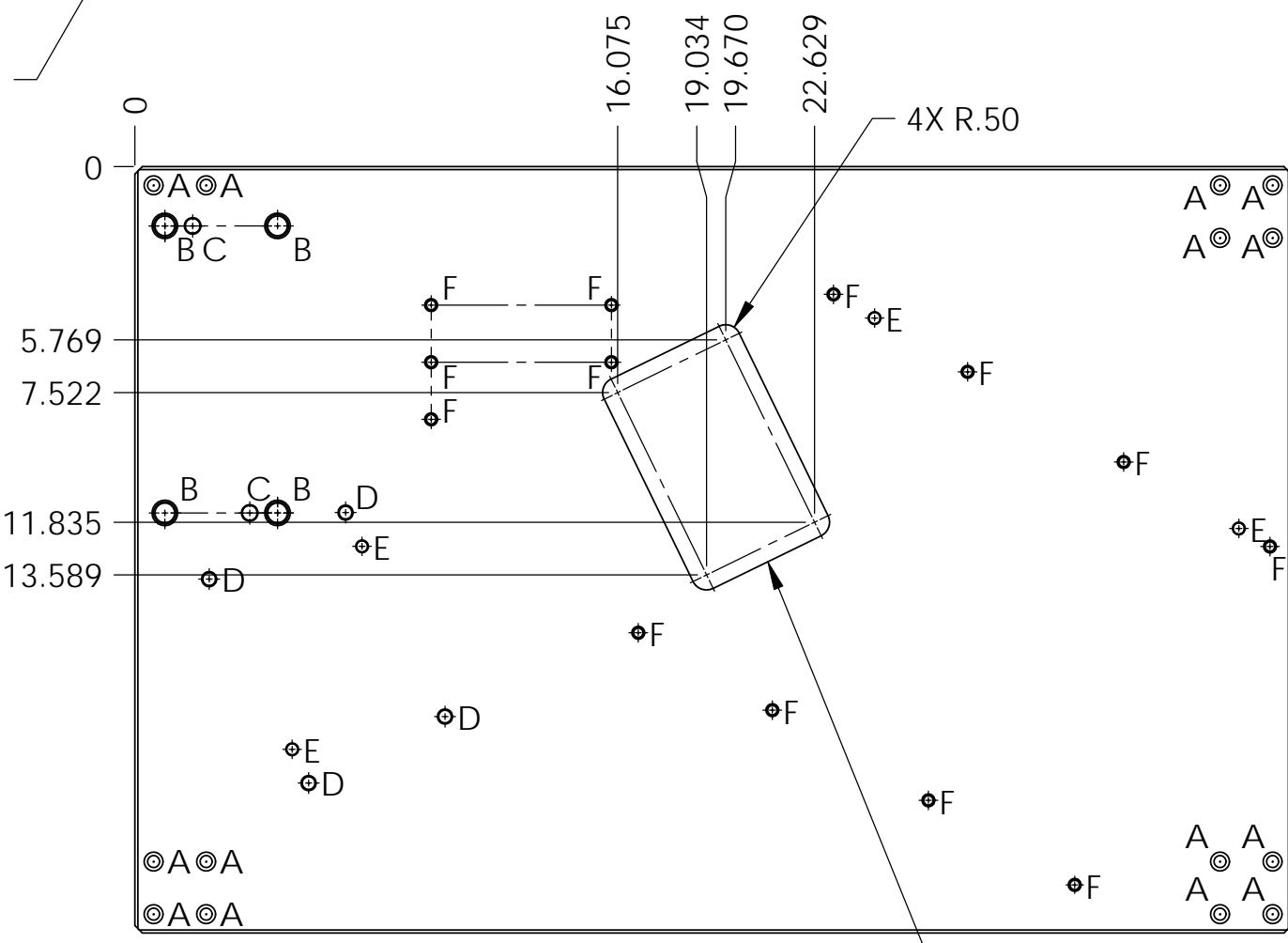
NOTES CONTINUED:  
 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER, SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12 HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED.  
 EXAMPLE DXXXXXXX-VY, TYPE-XX, S/N XXX.  
 6. APPROXIMATE WEIGHT = 273.1 LB.



14X  $\phi$  .516  $\nabla$  1.220  
 TAP FOR 1/2-13 HELICOIL INSERT = 1.5 \* DIA.  
 7 EACH SIDE

SEE SHEET 2 FOR HOLE LOCATIONS

TAG	SIZE	QUANTITY
A	$\phi$ .397 THRU ALL $\square$ $\phi$ .625 $\nabla$ 1.25	14
B	$\phi$ .656 THRU ALL $\sphericalangle$ $\phi$ .85 X 120°, NEAR SIDE TAP FOR 5/8-11 HELICOIL INSERT = 2.0 * DIA.	4
C	$\phi$ .5000 <sup>+.0000</sup> <sub>-.0006</sub> $\nabla$ .750 $\square$ $\phi$ .502 <sup>+.001</sup> <sub>-.000</sub> $\nabla$ .150 $\sphericalangle$ $\phi$ .55 X 90°, NEAR SIDE	2
D	$\phi$ .422 THRU ALL 1/2-13 UNC - 2B $\nabla$ 1.000	4
E	$\phi$ .3750 <sup>+.0000</sup> <sub>-.0006</sub> $\nabla$ .550 $\square$ $\phi$ .377 <sup>+.001</sup> <sub>-.000</sub> $\nabla$ .130 $\sphericalangle$ $\phi$ .420 X 90°, NEAR SIDE	4
F	$\phi$ .313 $\nabla$ 1.188 3/8-16 UNC - 2B $\nabla$ 1.00 $\sphericalangle$ $\phi$ .43 X 120°, NEAR SIDE	13



4X .25 X 45.0°

$\square$  .005

POCKET THRU

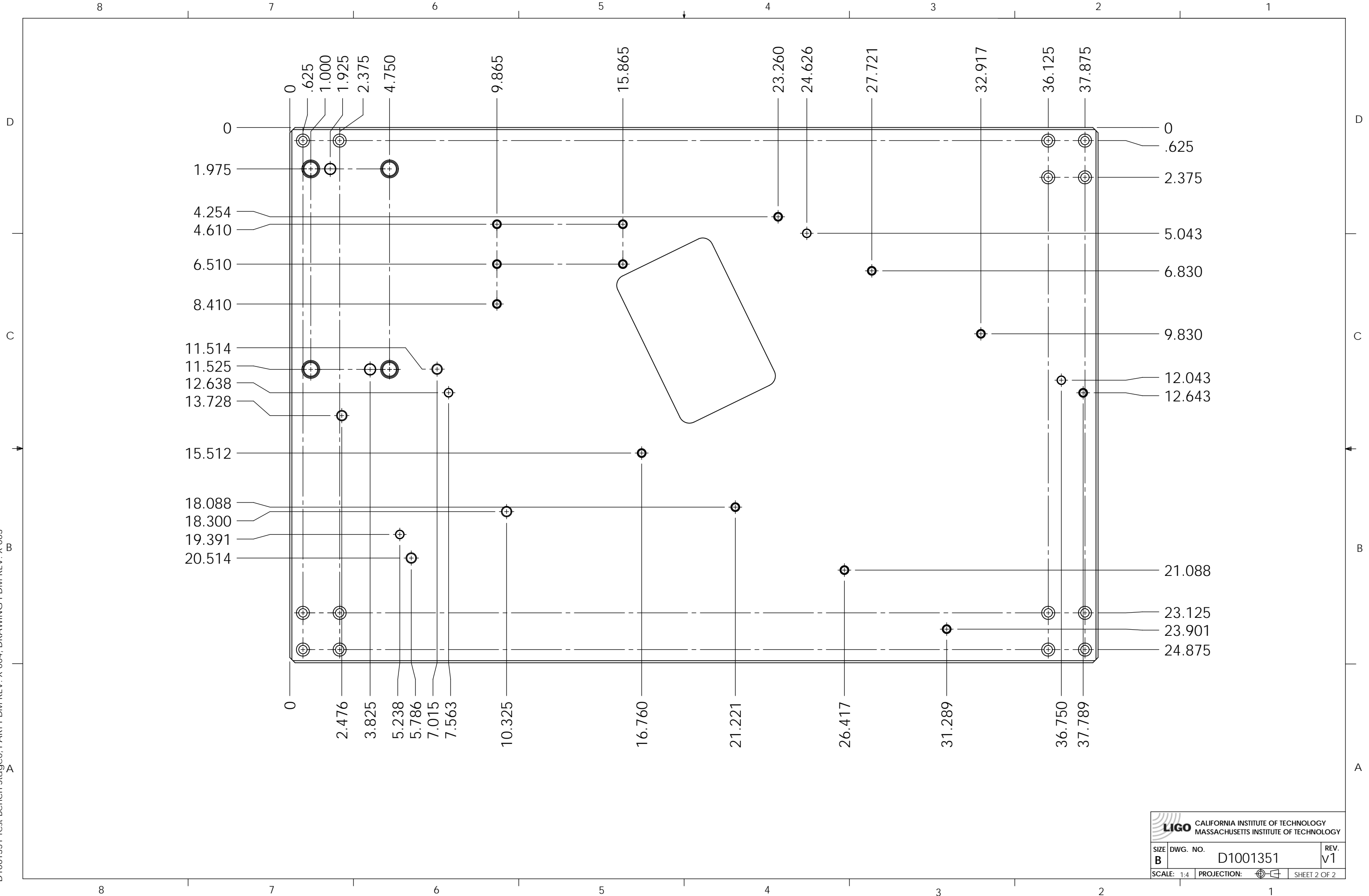
14X  $\phi$  .516  $\nabla$  1.220  
 TAP FOR 1/2-13 HELICOIL INSERT = 1.5 \* DIA.  
 7 EACH SIDE

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	1. INTERPRET DRAWING PER ASME Y14.5-1994.
TOLERANCES: .XX ± .015 .XXX ± .005	2. REMOVE ALL SHARP EDGES, R.02 MIN.
ANGULAR ± .5°	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 Al	FINISH 63 $\mu$ inch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME TEST-BENCH STAGE 0	
SYSTEM ADVANCED LIGO	SUB-SYSTEM SEI	DESIGNER S.BARNUM	25 MAY 2010
NEXT ASSY D1001366	CHECKER M.HILLARD	25 MAY 2010	SIZE DWG. NO. B D1001351
	APPROVAL K.MASON	25 MAY 2010	REV. v1
SCALE: 1:6		PROJECTION:	
SHEET 1 OF 2			

D1001351 Test-Bench Stage0, PART PDM REV: X-004, DRAWING PDM REV: X-003

D1001351 Test-Bench Stage0, PART PDM REV: X-004, DRAWING PDM REV: X-003



**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
B	D1001351	V1
SCALE: 1:4	PROJECTION:	SHEET 2 OF 2