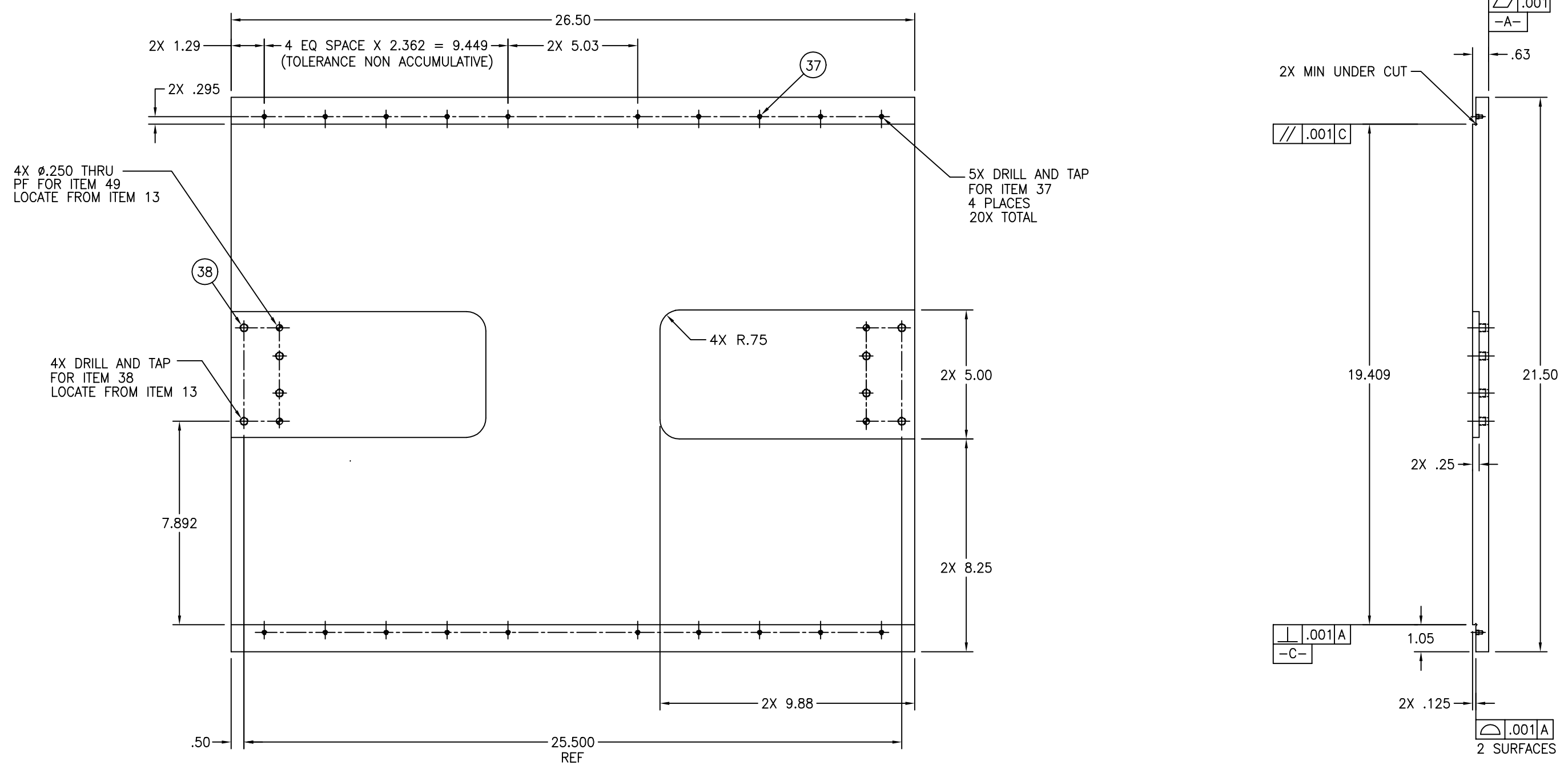


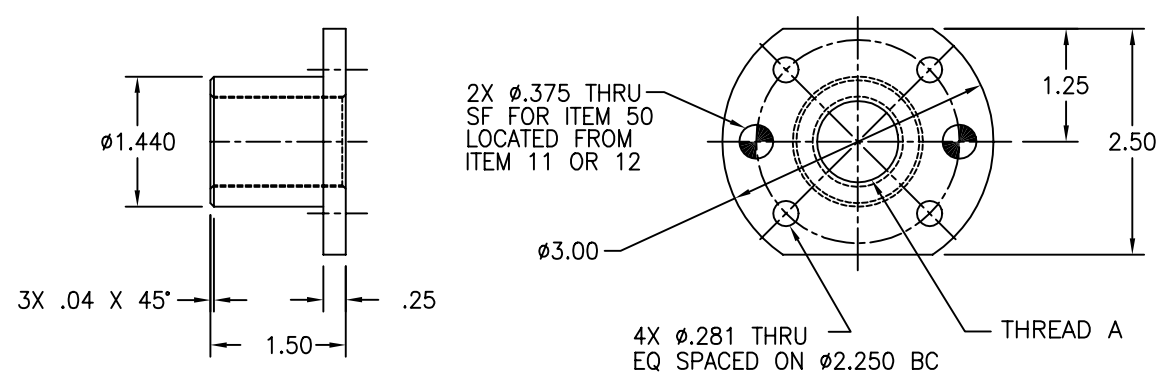
4	DOWEL Ø.375 X 2.00 LG	SST	50
4	DOWEL Ø.250 X .88 LG	SST	49
8	NUT .500-13 UNC-2A	SST	48
3	SOC HD CAP SCR .500-13 UNC-2A X 2.25 LG	SST	47
12	SOC HD CAP SCR .500-13 UNC-2A X 1.5 LG	SST	46
8	SOC HD CAP SCR .250-20 UNC-2A X .75 LG	SST	45
8	SOC HD CAP SCR .250-20 UNC-2A X .50 LG	SST	44
8	SOC HD CAP SCR #10-24 UNC-2A X .50 LG	SST	43
32	SOC HD CAP SCR M4 X 18mm LG	SST	42
36	SOC HD CAP SCR M3 X 12mm LG	SST	41
3	1191-8CN750	HELICOIL	40
7	1185-8CN750	HELICOIL	39
8	1185-4CN250	HELICOIL	38
20	1084-3CN45	HELICOIL	37
8	SOC HD CAP SCR .250-20 UNC-2A X .62 LG	SST	36
			35
			34
			33
			32
			31
			30
1	PLATE, PIVOT	304 SST	29
4	SR15V2UU+280LH-I	LINER SLIDE, THK	28
4	SR15V2UU+220LH-I	LINER SLIDE, THK	27
3	D-41	SPRING	CENTURY SPRING Co 26
4	LC-067GH-7 SS	SPRING	LEE SPRING Co 25
2	BH-04	BEARING NUT	WHITET-HIGGINS 24
2	A5204K	BEARING	FAFNIR 23
1	9529K32	BALL	McMASTER-CARR 22
2	98305A161	PIN SWIVEL-LOCK	McMASTER-CARR 21
1	PLATE	304 SST	20
3	WASHER	304 SST	19
3	SLEEVE	304 SST	18
3	CHECK NUT	304 SST	17
3	LEVELING SCREW	17-4 PH SST	16
ALTER	2	CL-4-HWAFA	HAND WHEEL WITH CARR LANE 15
		CL-1-RH HANDLE & .625 BORE	
2	CAP, BEARING	304 SST	14
2	HOUSING, BEARING	304 SST	13
1	NUT ANTIBACKLASH, RH	17-4 PH SST	12
1	NUT ANTIBACKLASH, LH	17-4 PH SST	11
1	NUT RH	17-4 PH SST	10
1	NUT LH	17-4 PH SST	9
1	FEED SCREW	17-4 PH SST	8
1	PLATE BALANCE, UPPER	ALUM-6061-T6	7
1	SPACER	WELDMENT	6
1	PLATE BALANCE, LOWER	WELDMENT	5
2	SHUTLE, HORIZONTAL	WELDMENT	4
1	SHUTLE, VERTICAL	WELDMENT	3
1	BASE PLATE	SUB ASSEMBLY	2
1	D980002	LIFT TABLE	1

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	REV.	DESCRIPTION	DCN NUMBER	DATE	SCALE	SHEET
					INITIAL RELEASE	D980084	4-22-98	1/2	1 OF 7
					PRE-RELEASE		03-03-98		
					USED ON				
					NEXT ASS'Y				

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
**LIFT TABLE**  
 CAB FILE 9802-01-A.dwg  
 SIZE E  
 DWG. NO. D980002-A  
 SCALE 1/2  
 SHEET 1 OF 7

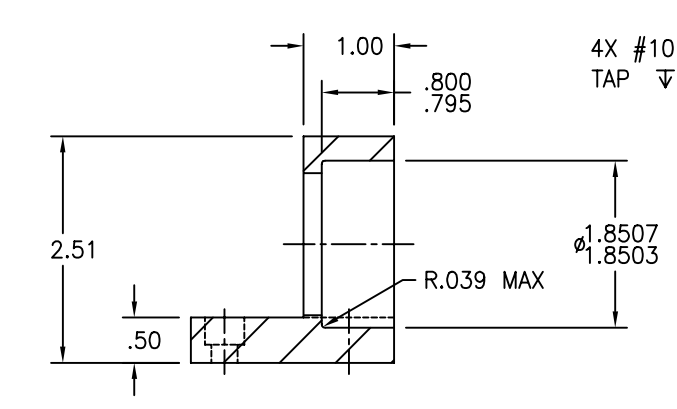
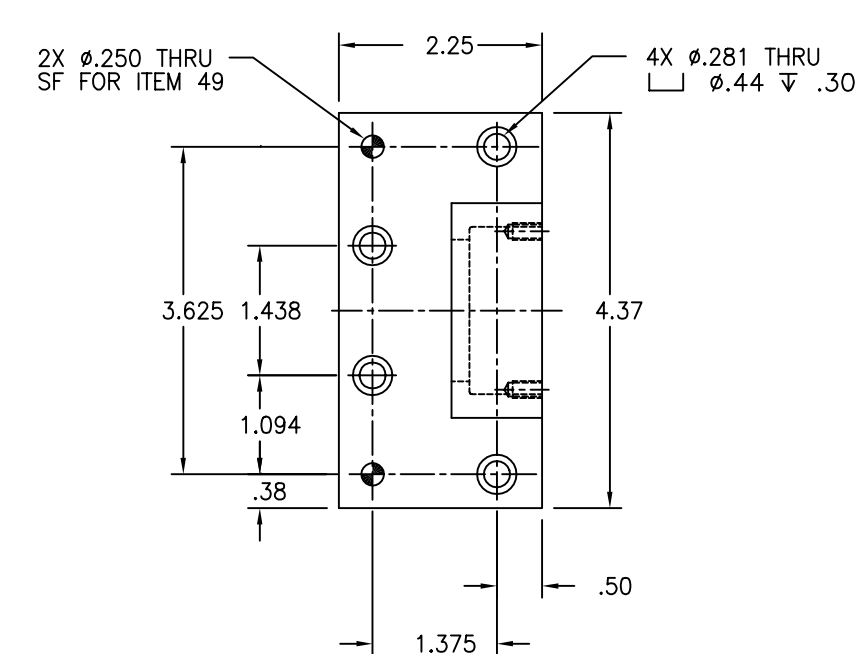


② SUB ASSEMBLY



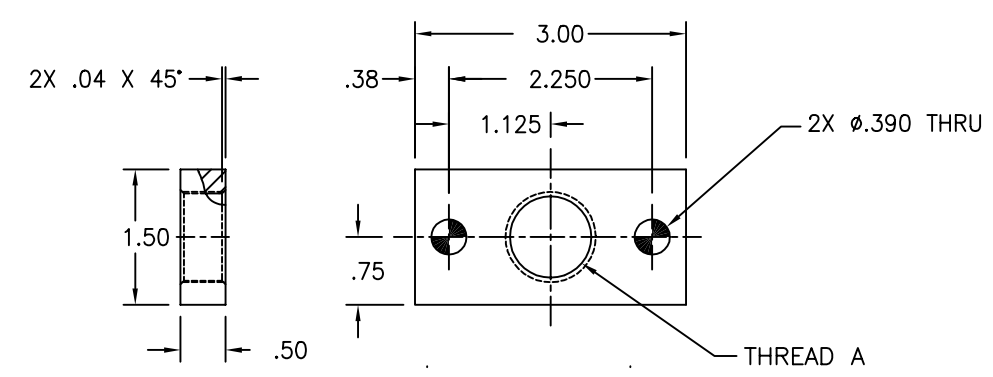
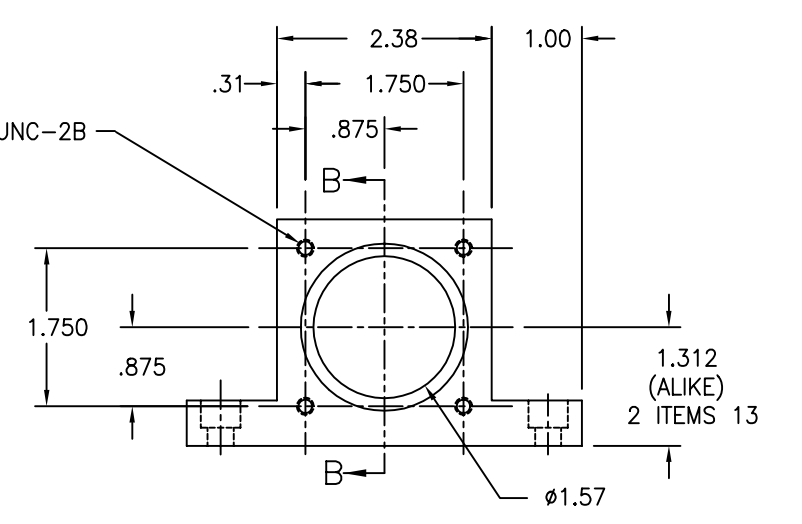
ITEM	THREAD A	MATERIAL
9	1.000-32 UN-3B LH	17-4 SST
10	1.000-32 UN-3B RH	17-4 SST

SCALE 1:1



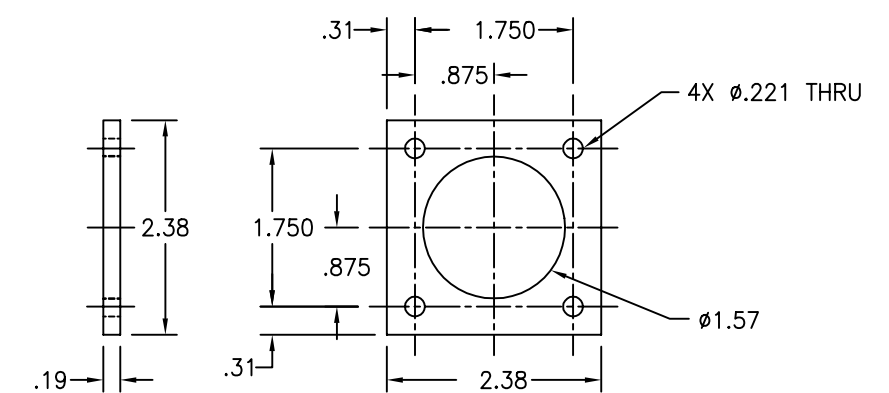
SECTION B-B

⑬ MATERIAL: 304 SST  
 SCALE 1:1



ITEM	THREAD A	MATERIAL
11	1.000-32 UN-3B LH	17-4 SST
12	1.000-32 UN-3B RH	17-4 SST

SCALE 1:1

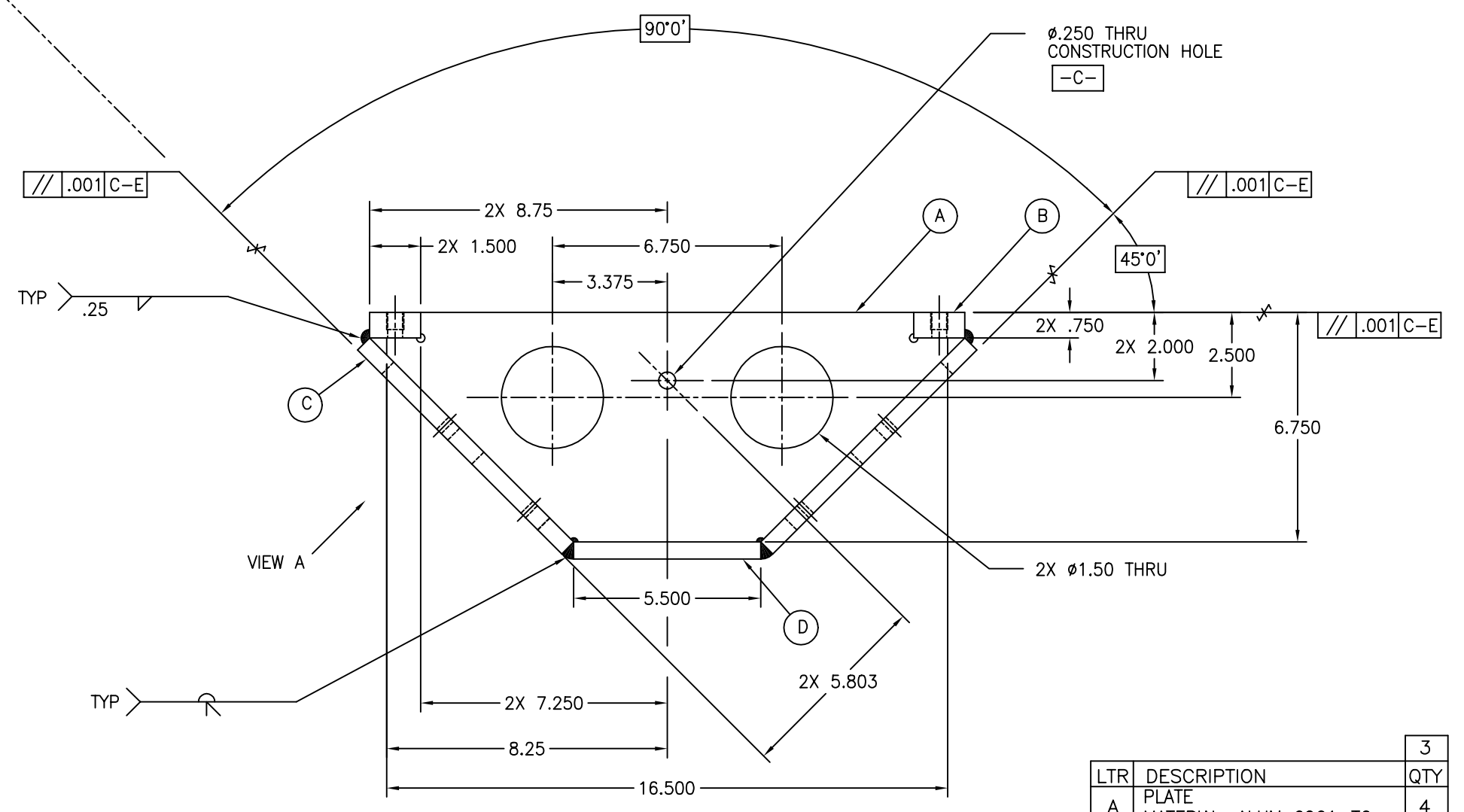
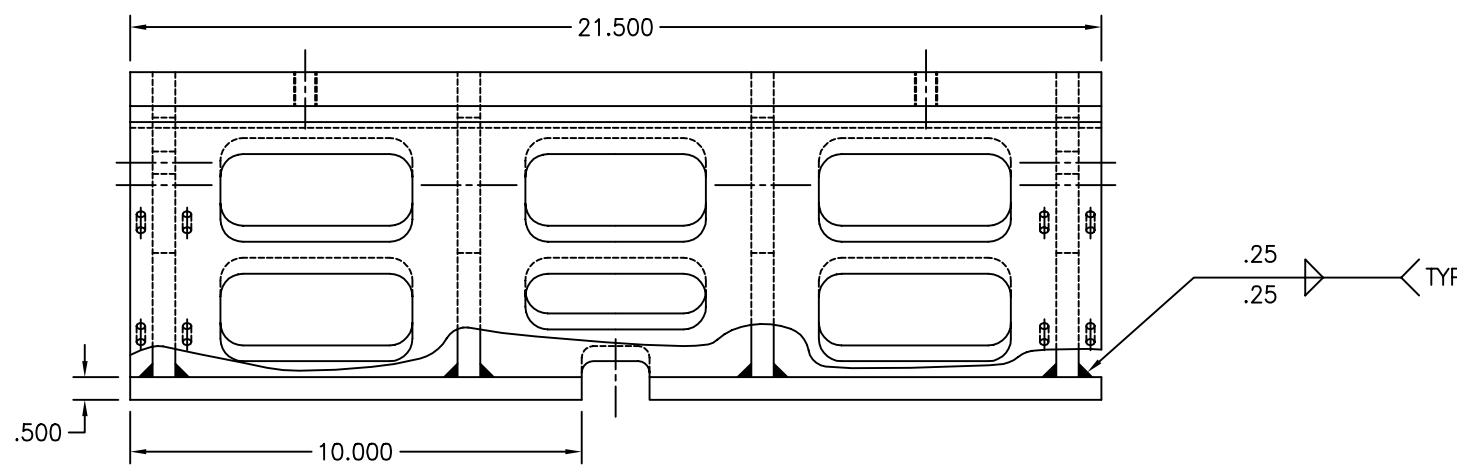
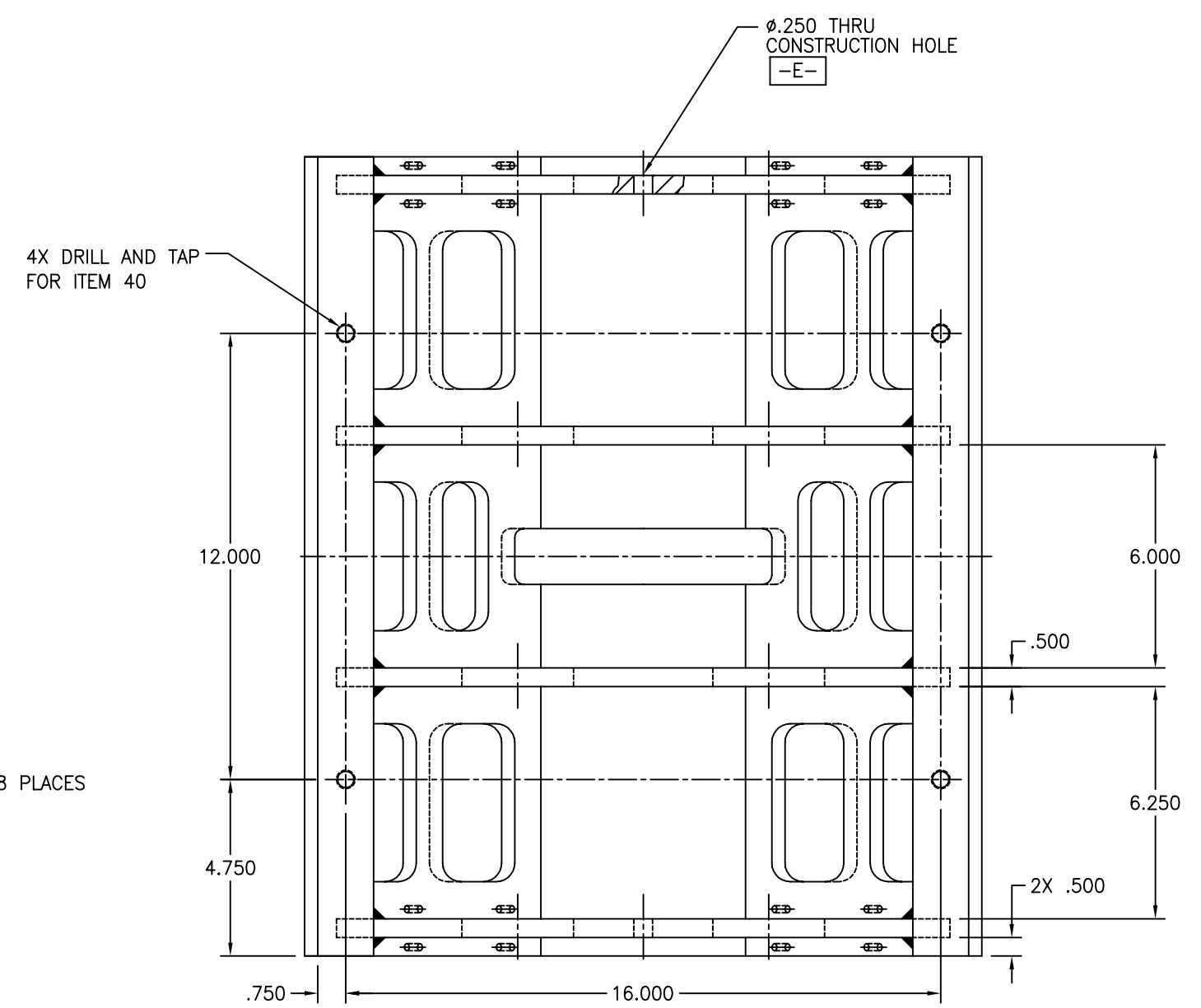
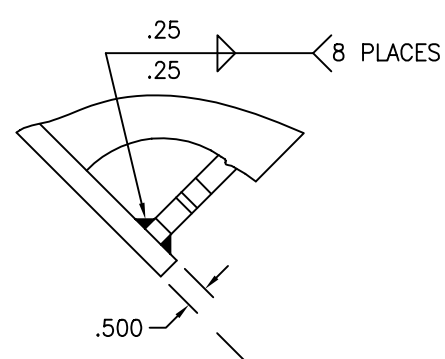
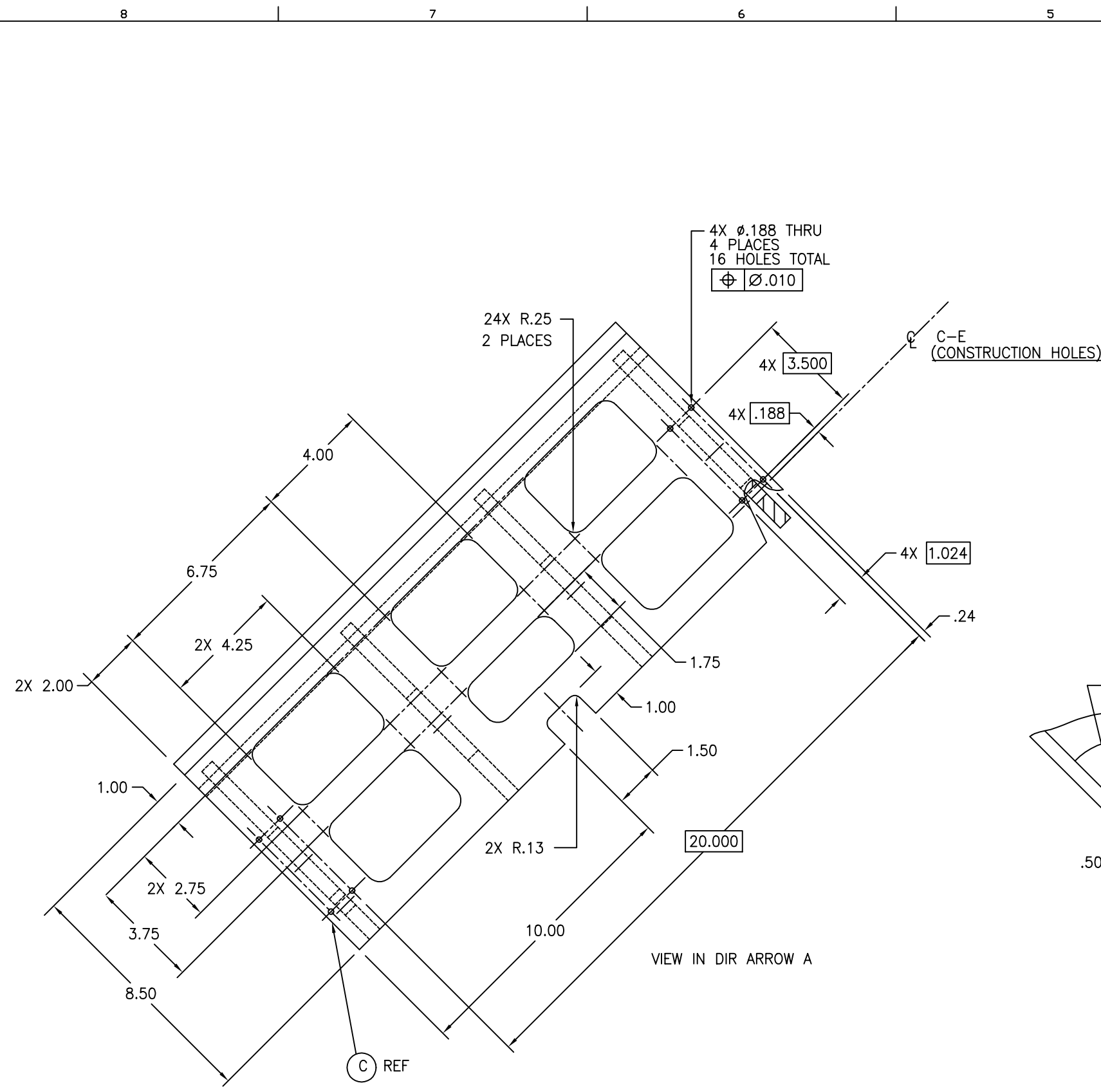


⑭ MATERIAL: 304 SST  
 SCALE 1:1

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES  
 ANGLES  $\pm$  .05°  
 ONE PLACE DECIMAL  $\pm$  .050  
 TWO PLACE DECIMAL  $\pm$  .010  
 THREE PLACE DECIMAL  $\pm$  .005  
 FINISHED SURFACE RND .125  
 EDGE BURNES AND FILET RND .030  
 REMOVE ALL BURRS  
 DO NOT SCALE THIS DRAWING  
 USED ON  
 NEXT ASS'Y

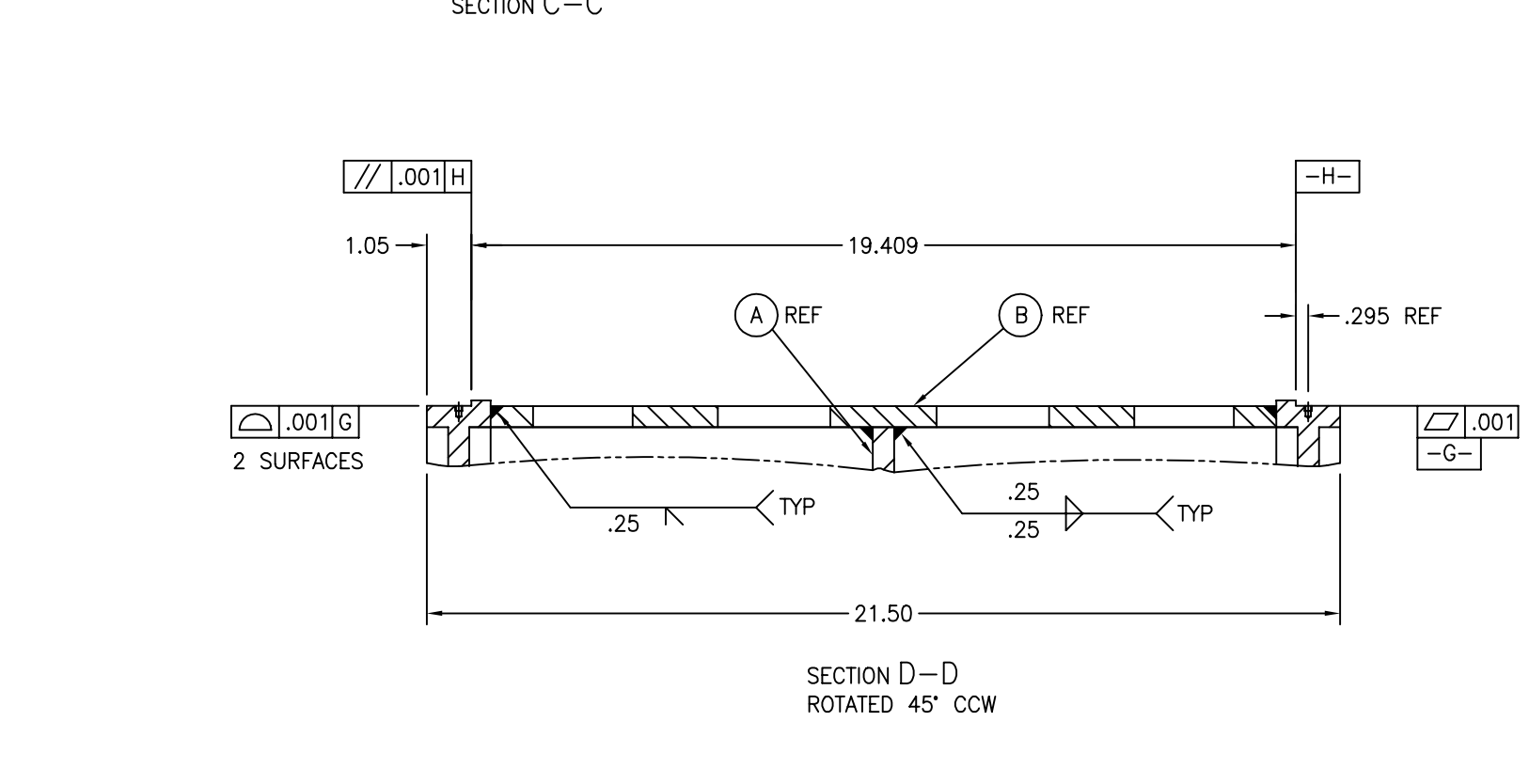
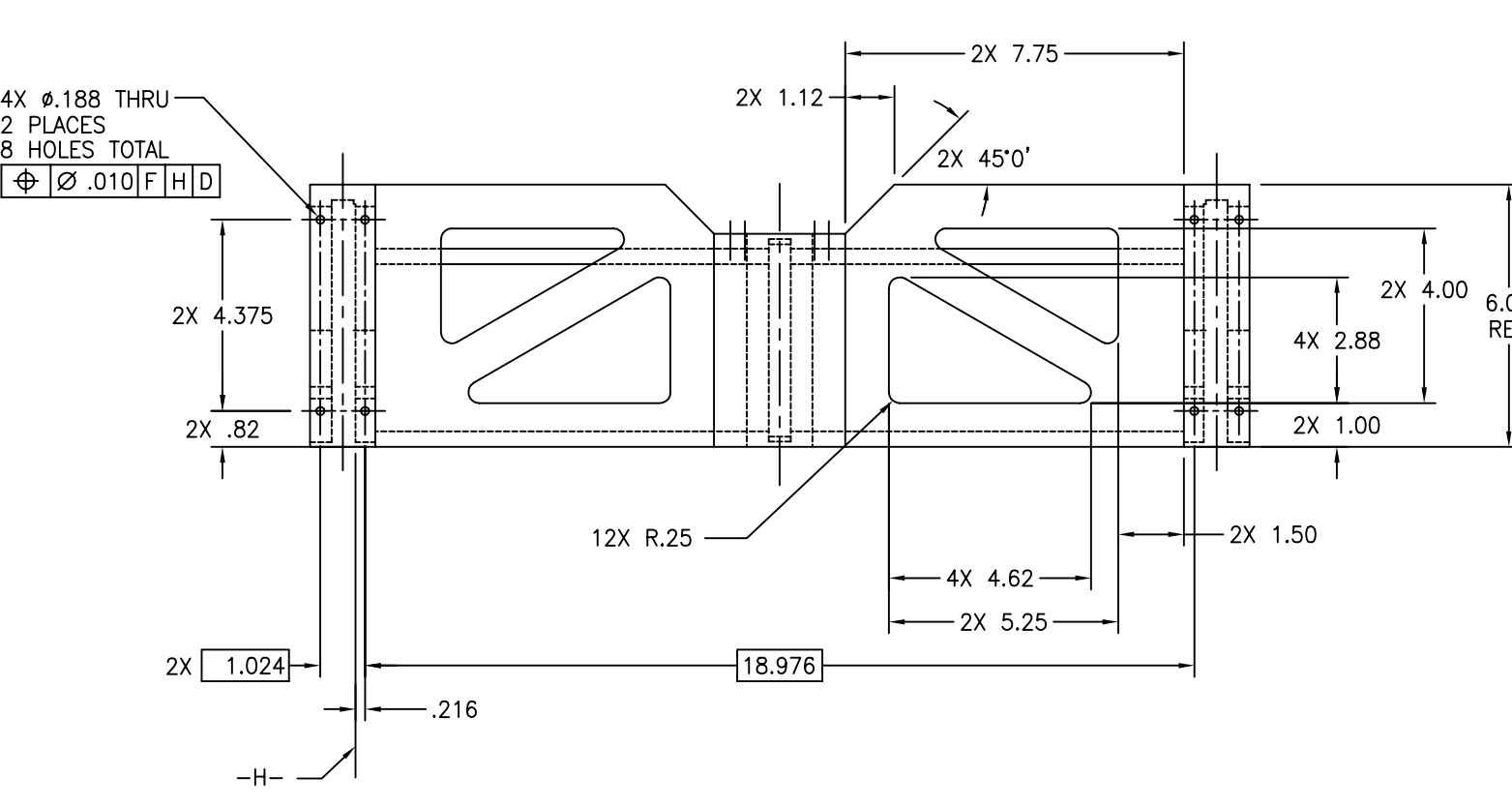
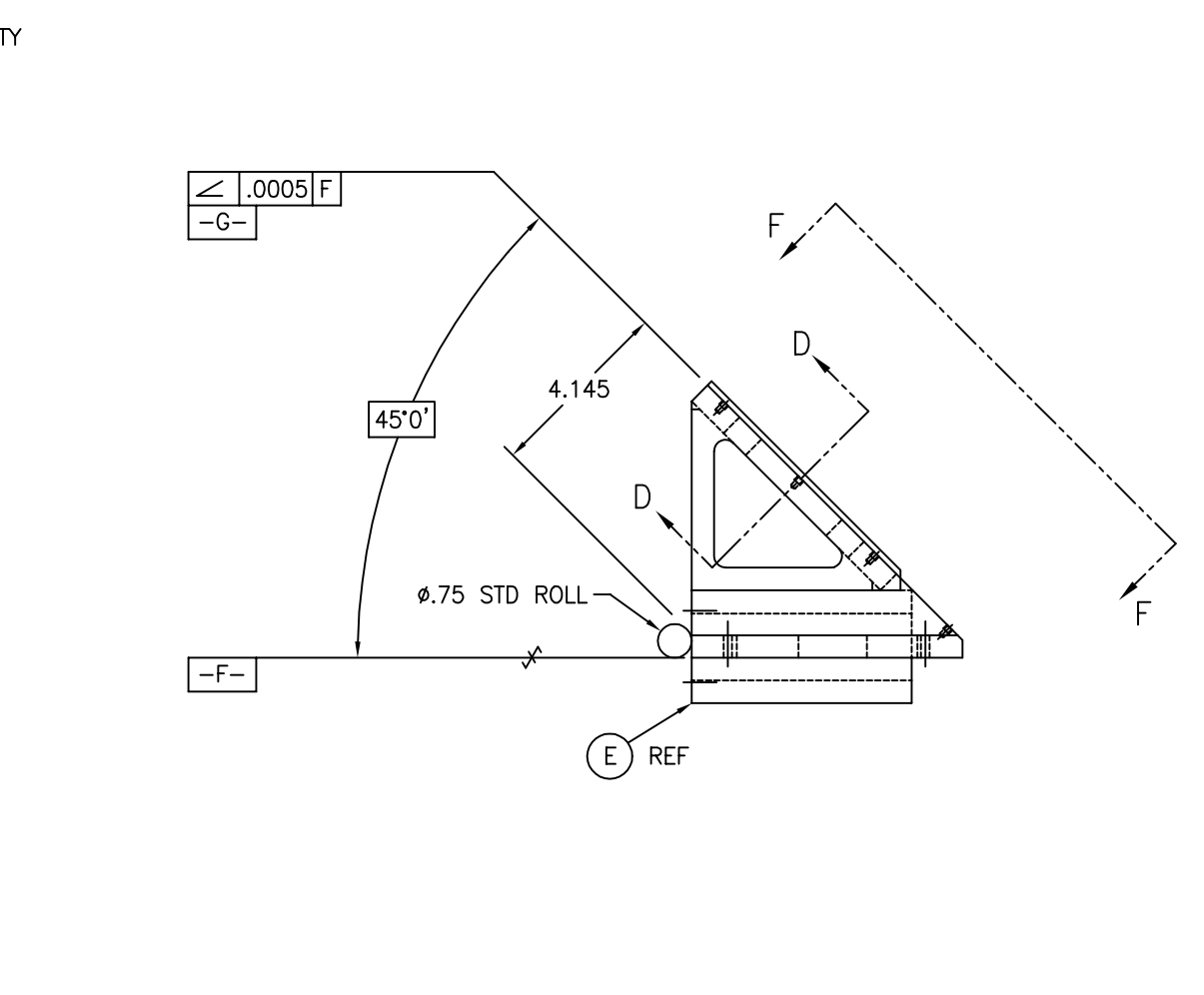
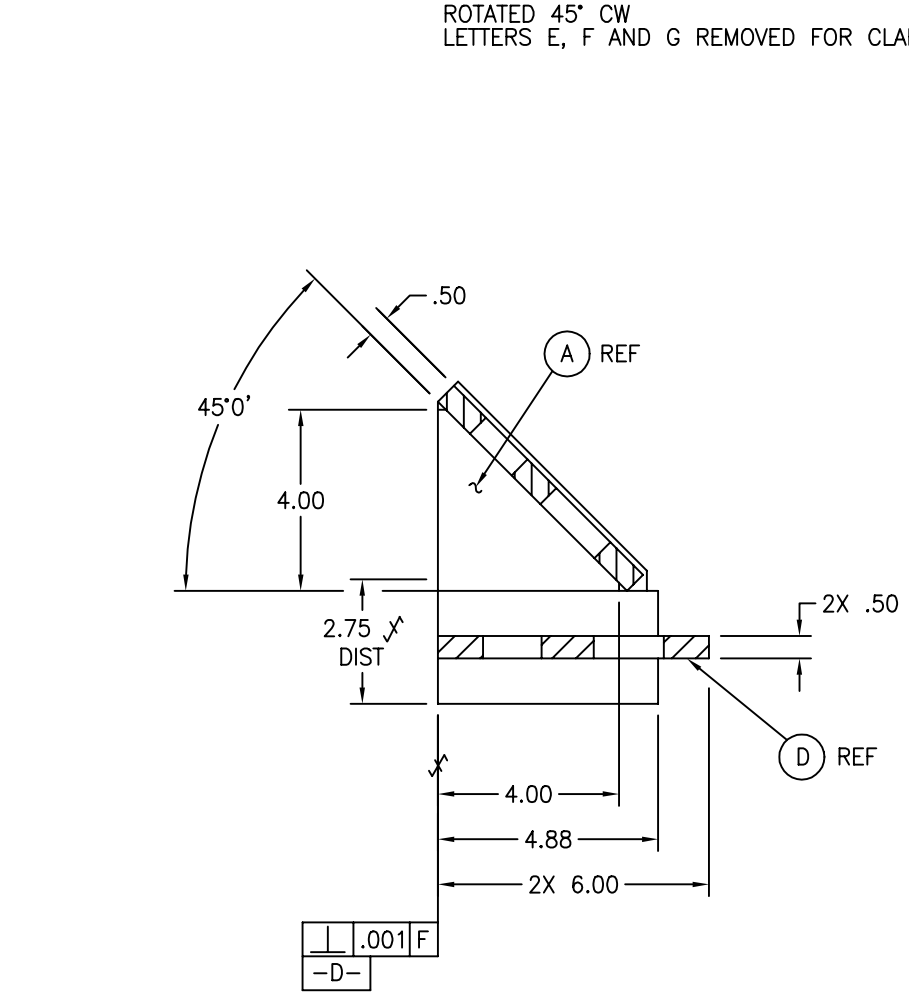
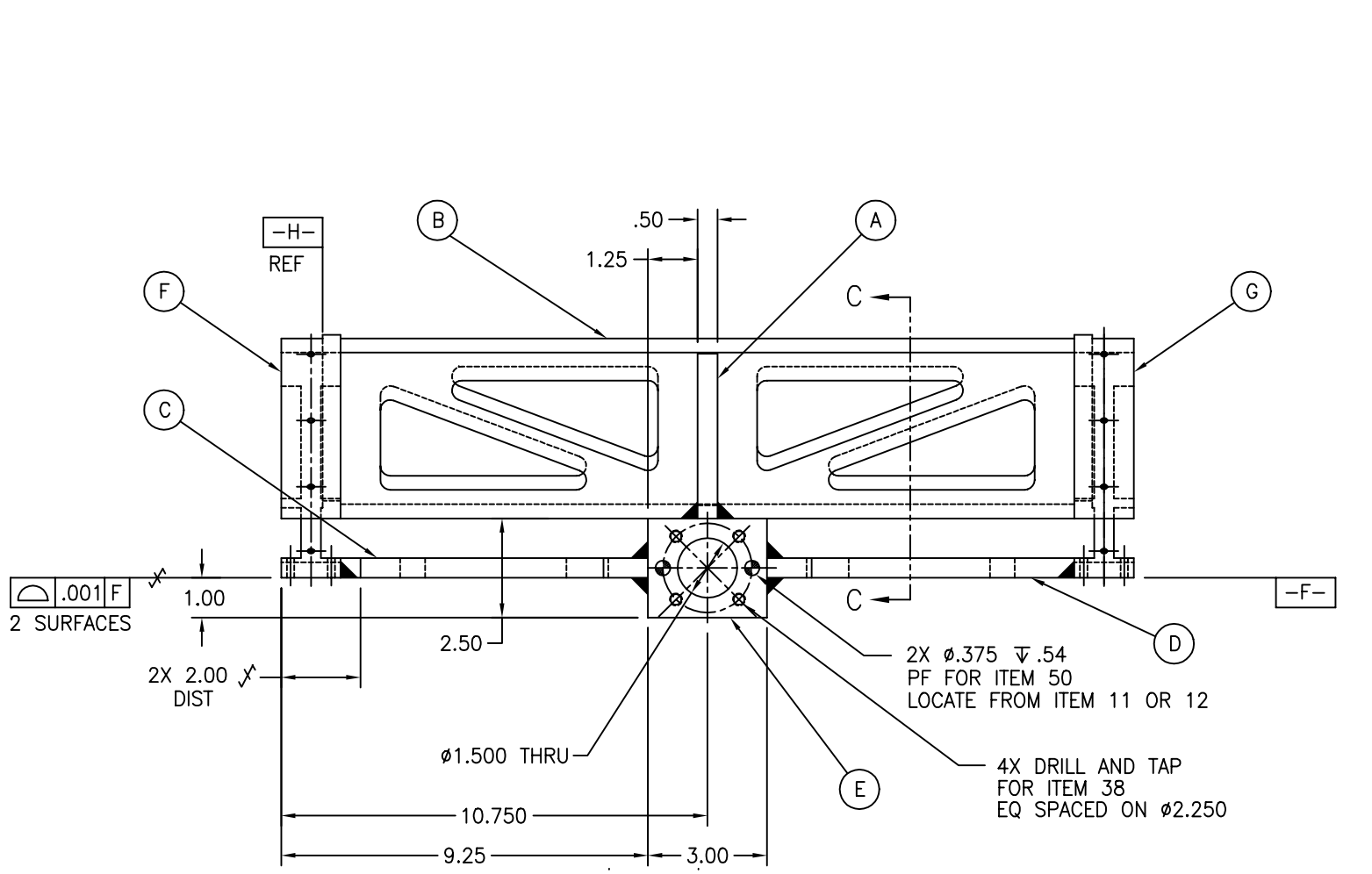
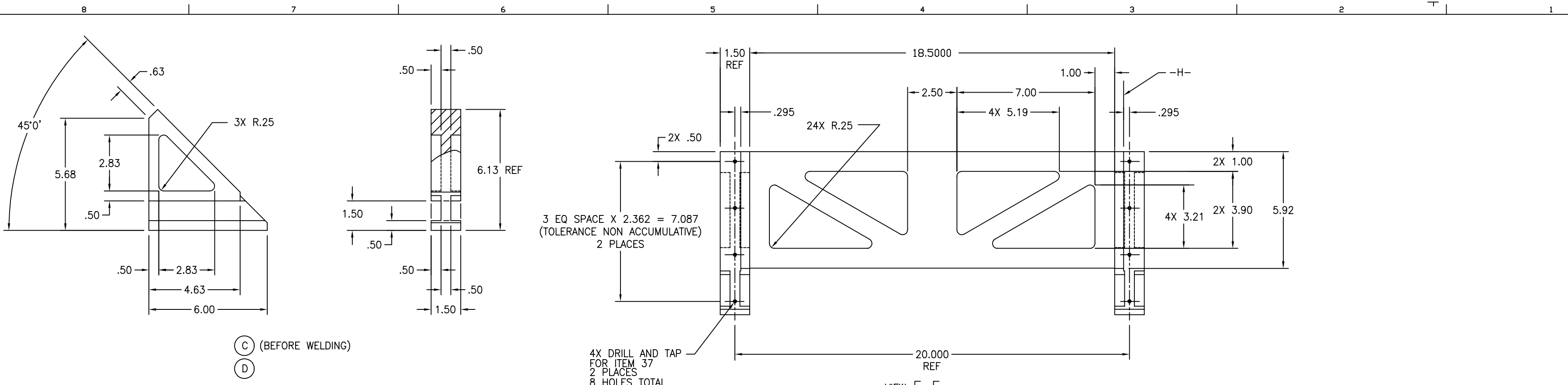
REV	DESCRIPTION	ISSUE DESCRIPTION	DCN NUMBER	DRVN	DATE
A	INITIAL RELEASE	D980084	-	KABDT	4-22-98
00	PRE-RELEASE	-	-	CDI-LS	03-03-98

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
LIFT TABLE	
CAD FILE 9802-02-A.dwg	DWG NO. D980002-A
SCALE 1/2	SHEET 2



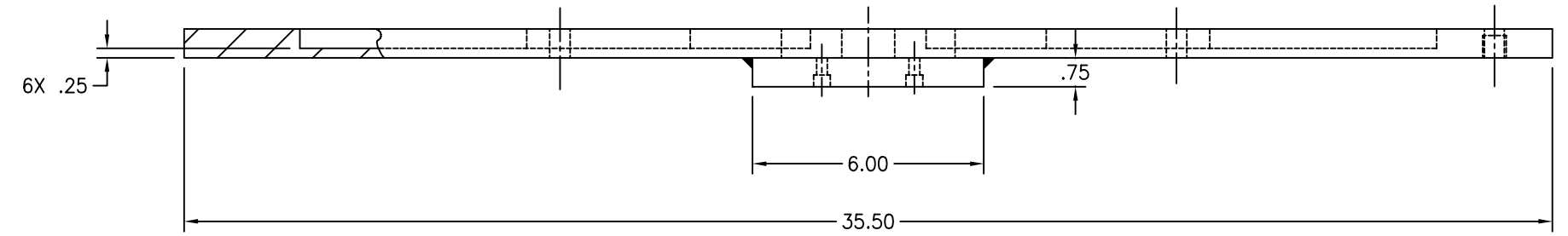
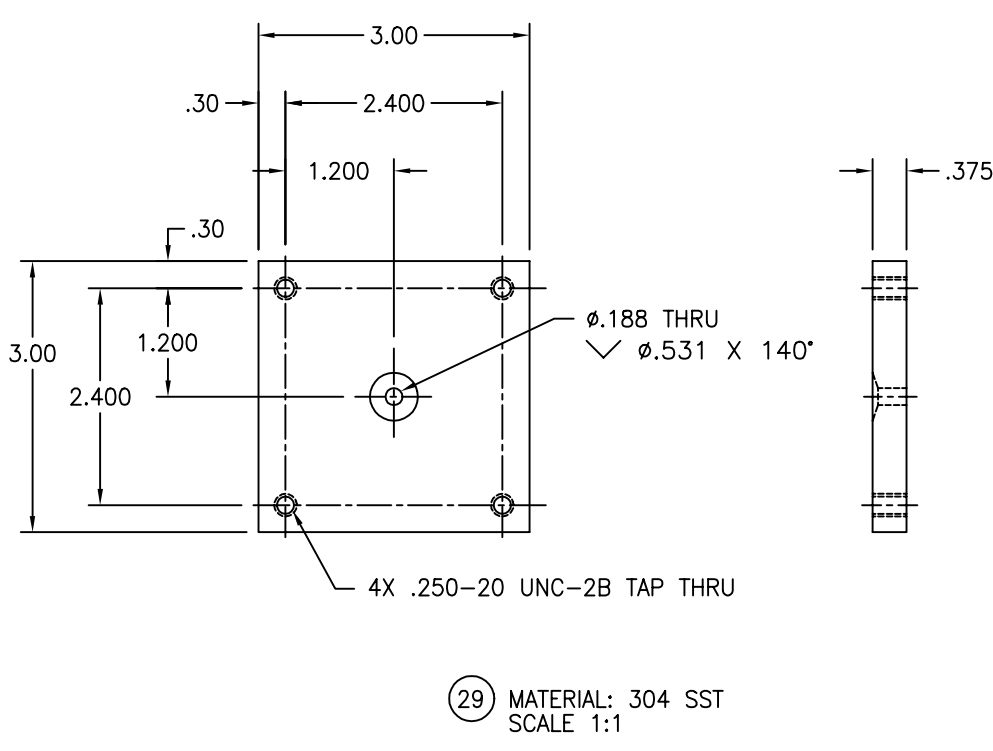
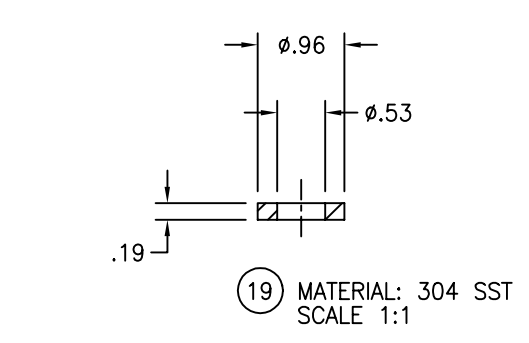
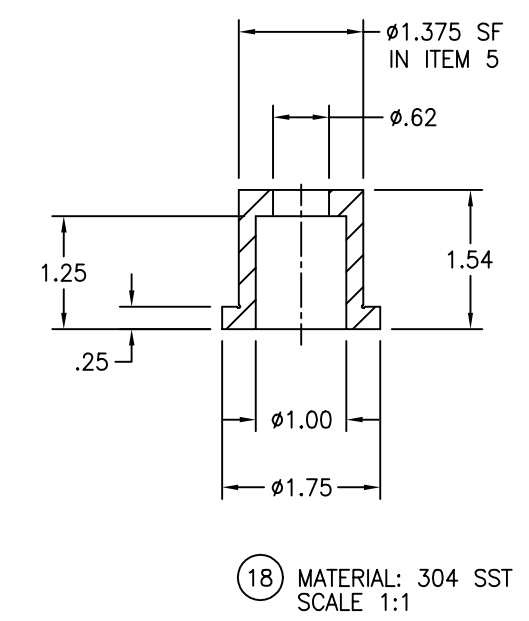
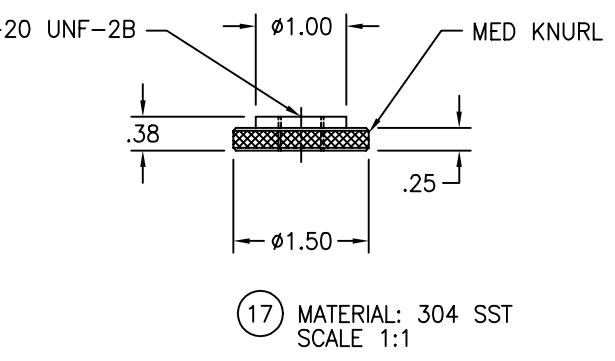
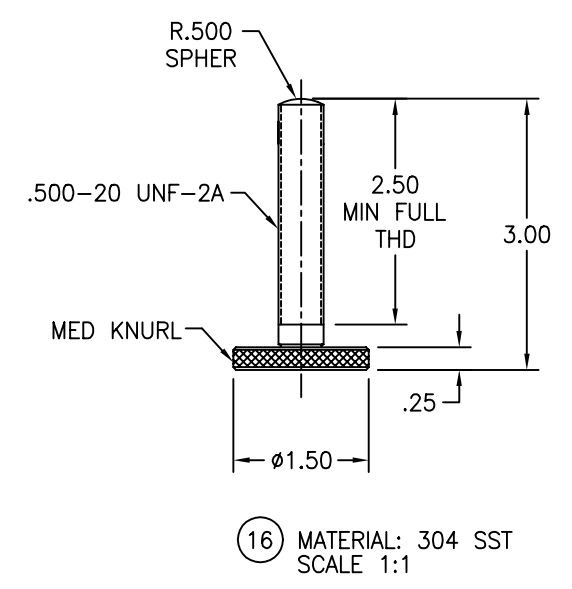
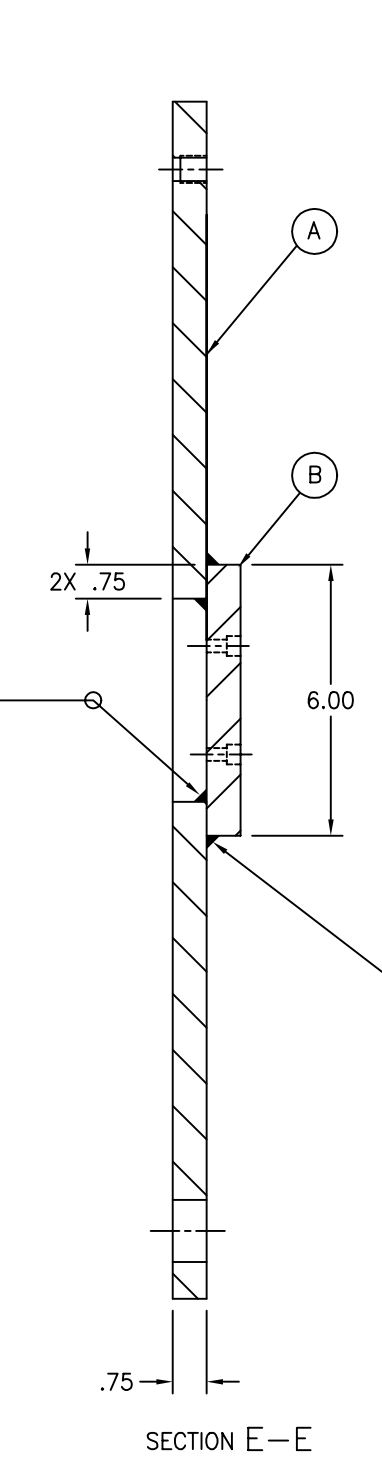
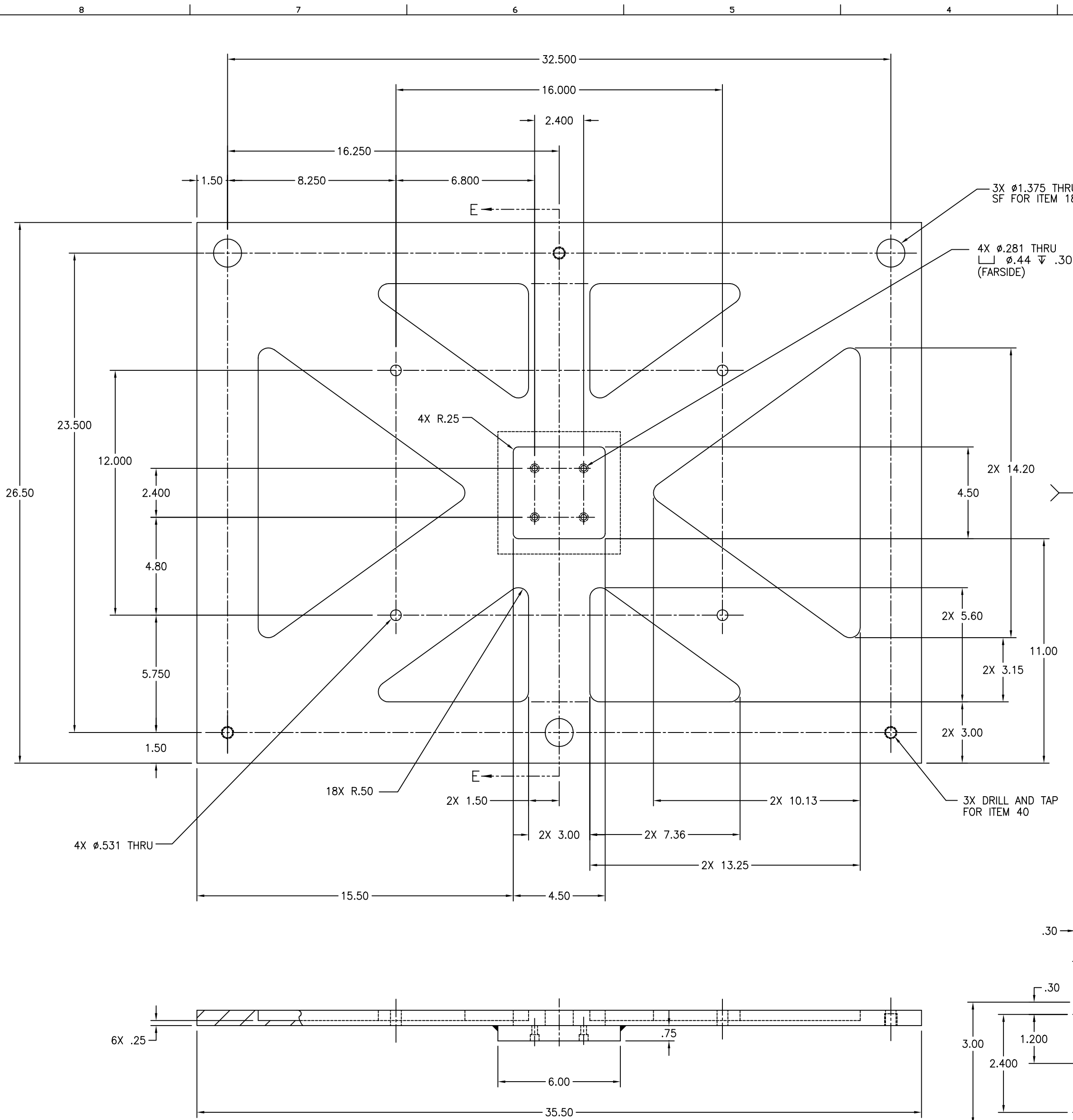
LTR	DESCRIPTION	QTY
A	PLATE MATERIAL: ALUM 6061-T6	4
B	PLATE MATERIAL: ALUM 6061-T6	2
C	PLATE MATERIAL: ALUM 6061-T6	2
D	PLATE MATERIAL: ALUM 6061-T6	2

UNLESS OTHERWISE SPECIFIED				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
DIMENSIONS ARE IN INCHES				LIFT TABLE			
TOLERANCES:				D980084			
ANGLES: 1/2°				INITIAL RELEASE			
ONE PLACE DECIMAL: ±.050				KABOT 4-22-98			
TWO PLACE DECIMAL: ±.010				PRE-RELEASE			
THREE PLACE DECIMAL: ±.005				CDI-LS 03-03-98			
FINISHED SURFACE RND .125				ISSUE DESCRIPTION			
EDGE BREAKS AND FILLET RND .030				DCN NUMBER			
REMOVE ALL BURRS				DRVN DATE			
DO NOT SCALE THIS DRAWING				SCALE 1/2			
USED ON				SHEET 3			
NEXT ASS'Y				D980002-A			
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	REV	DESCRIPTION	ISSUE DESCRIPTION	
		REFERENCE DRAWINGS					



LTR	DESCRIPTION	QTY
A	PLATE MATERIAL: ALUM 6061-T6	1
B	PLATE MATERIAL: ALUM 6061-T6	1
C	PLATE MATERIAL: ALUM 6061-T6	1
D	PLATE MATERIAL: ALUM 6061-T6	1
E	BLOCK MATERIAL: ALUM 6061-T6	1
F	WEDGE MATERIAL: ALUM 6061-T6	1
G	WEDGE MATERIAL: ALUM 6061-T6	1

UNLESS OTHERWISE SPECIFIED				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
DIMENSIONS ARE IN INCHES				LIFT TABLE			
TOLERANCES				D980084			
ANGLES ± 0.5°				KABOT 4-22-98			
DIE PLACE DECIMAL ± .005				CDI-LS 03-03-98			
TWO PLACE DECIMAL ± .010				9802-04-A.dwg			
THREE PLACE DECIMAL ± .005				E D980002-A			
FINISHED SURFACE RND .125				SCALE 1/2			
EDGE BRIMS AND FILET RND .030				SHEET 4			
REMOVE ALL BURRS							
DO NOT SCALE THIS DRAWING							
USED ON							
NEXT ASS'Y							
REV		DESCRIPTION		ISSUE DESCRIPTION			
A		INITIAL RELEASE					
00		PRE-RELEASE					
REV		DESCRIPTION		ISSUE DESCRIPTION			



LTR	DESCRIPTION	QTY
A	PLATE MATERIAL: ALUM 6061-T6	1
B	PLATE MATERIAL: ALUM 6061-T6	1

REV	DESCRIPTION	DATE	BY	CHKD	APP'D	ISSUE DESCRIPTION
A	INITIAL RELEASE	4-22-98	KABDT			D980084
00	PRE-RELEASE	03-03-98	CDI-LS			
	USED ON					DCN NUMBER
	NEXT ASS'Y					

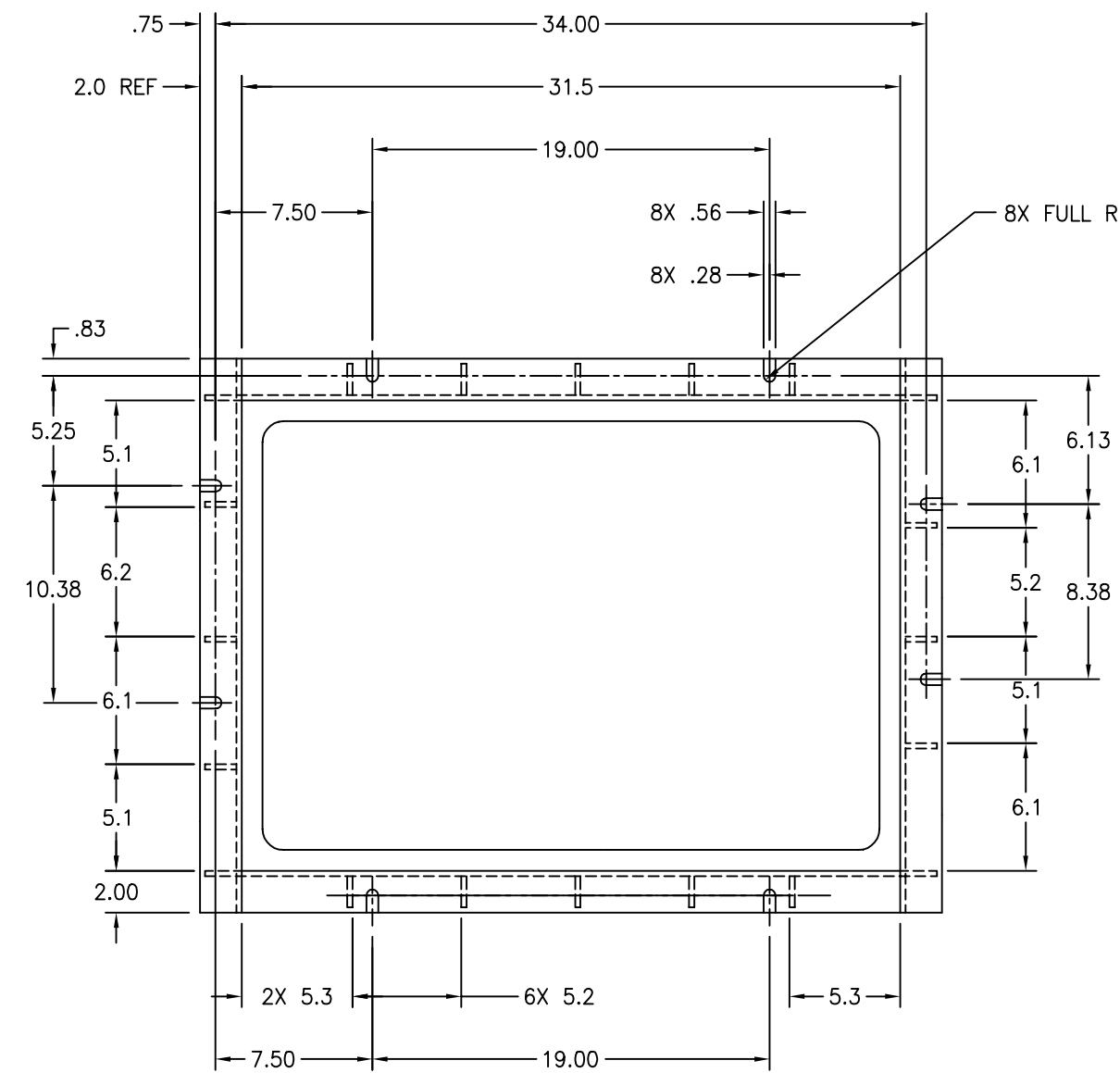
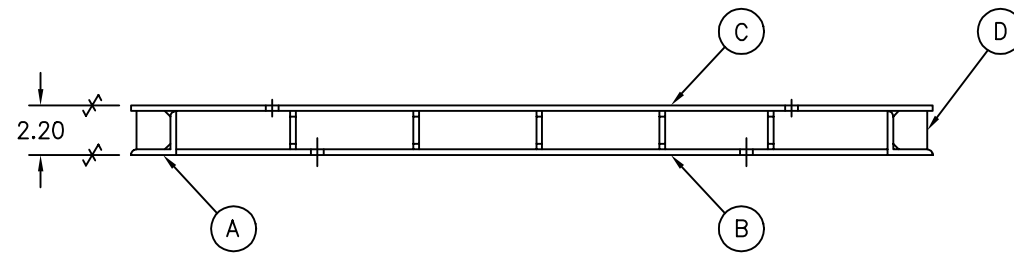
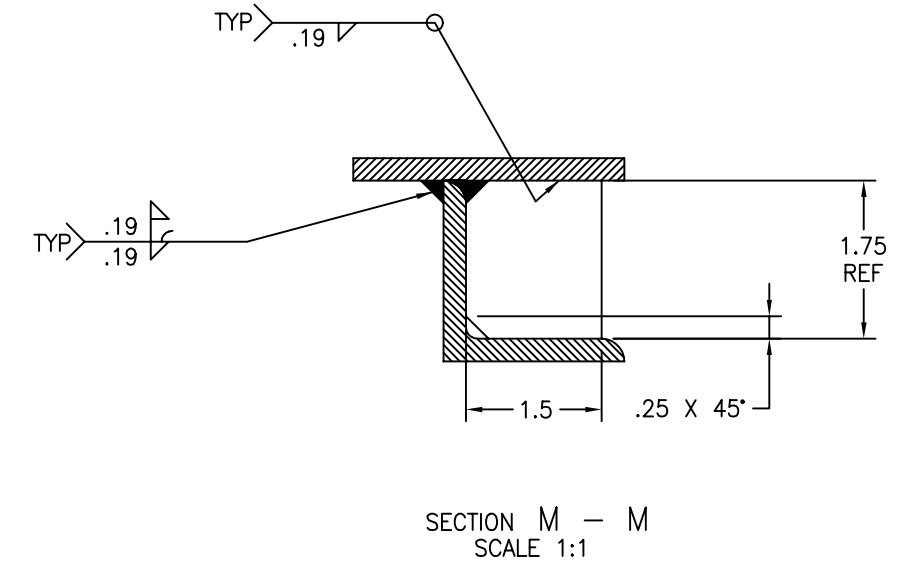
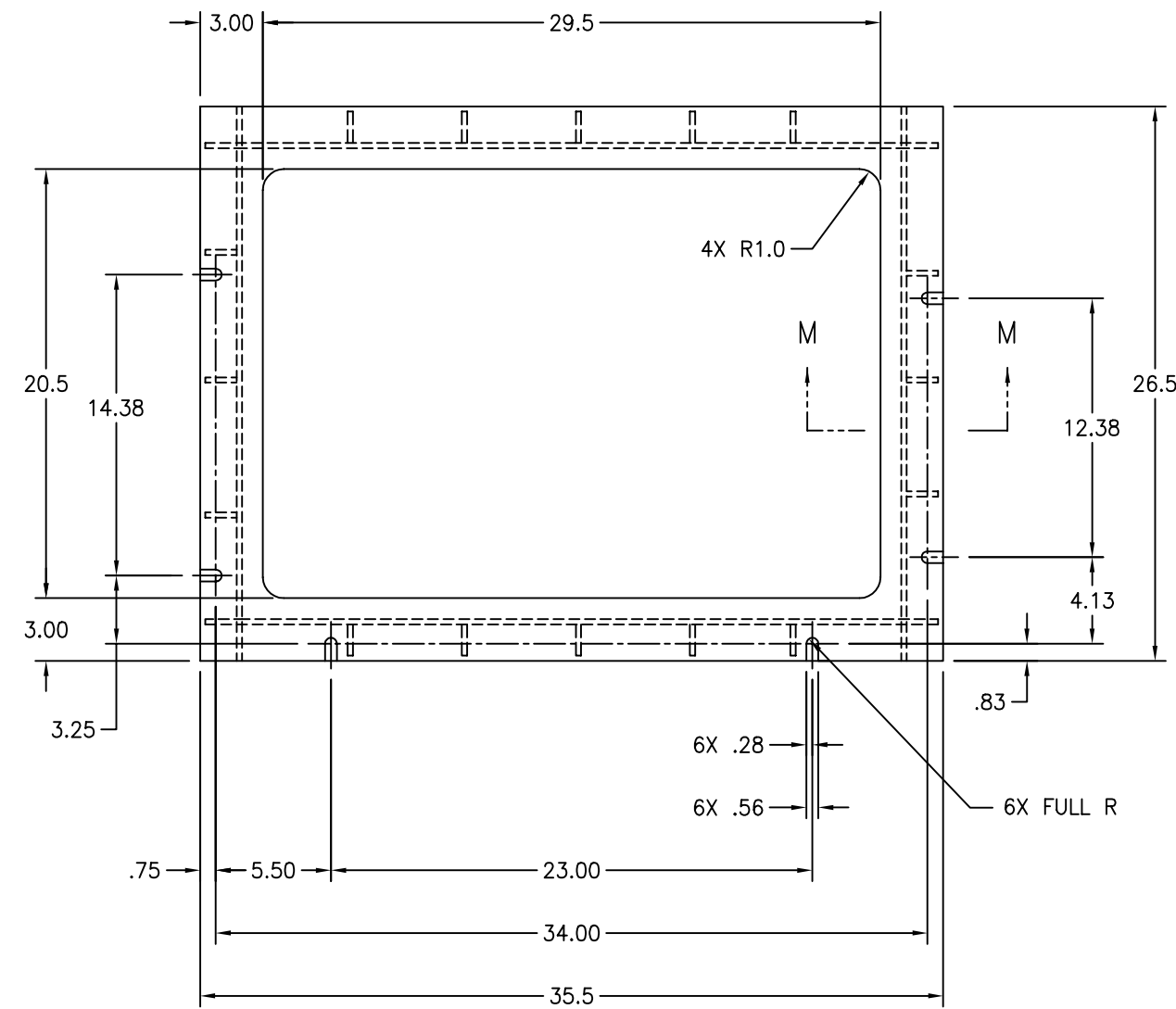
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION

SCALE	SIZE	DWG. NO.	SHEET
1/2	E	D980002-A	5

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LIFT TABLE



LTR	INSEPARABLE ASSY	QTY
A	ANGLE 2 X 2 X .25 W MATERIAL: ALUM 6061-T6	2
B	ANGLE 2 X 2 X .25 W MATERIAL: ALUM 6061-T6	2
C	PLATE .25 THK MATERIAL: ALUM 6061-T6	1
D	PLATE .25 THK MATERIAL: ALUM 6061-T6	18

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES:  
ANGLES ± 0.01°  
DIM PLACE DECIMAL ± .005  
DIM PLACE DECIMAL ± .010  
DIM PLACE DECIMAL ± .010  
FINISHED SURFACE RND 125  
EDGE BREAMS AND FILET RAD .010  
REMOVE ALL BURRS  
DO NOT SCALE THIS DRAWING  
USED DIM  
NEXT ASS'Y:

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LIFT TABLE

DWG. NO.	DESCRIPTION	REV.	DESCRIPTION	DATE	SCALE	SHEET
		00	INITIAL RELEASE	4-22-98	1/4	6
			PRE-RELEASE	03-03-98		
			USED DIM			
			DESCRIPTION			
			ISSUE DESCRIPTION			
			DCN NUMBER			
			DRVN			
			DATE			
			SCALE			
			SIZE			
			DWG. NO.			
			D980002-A			

