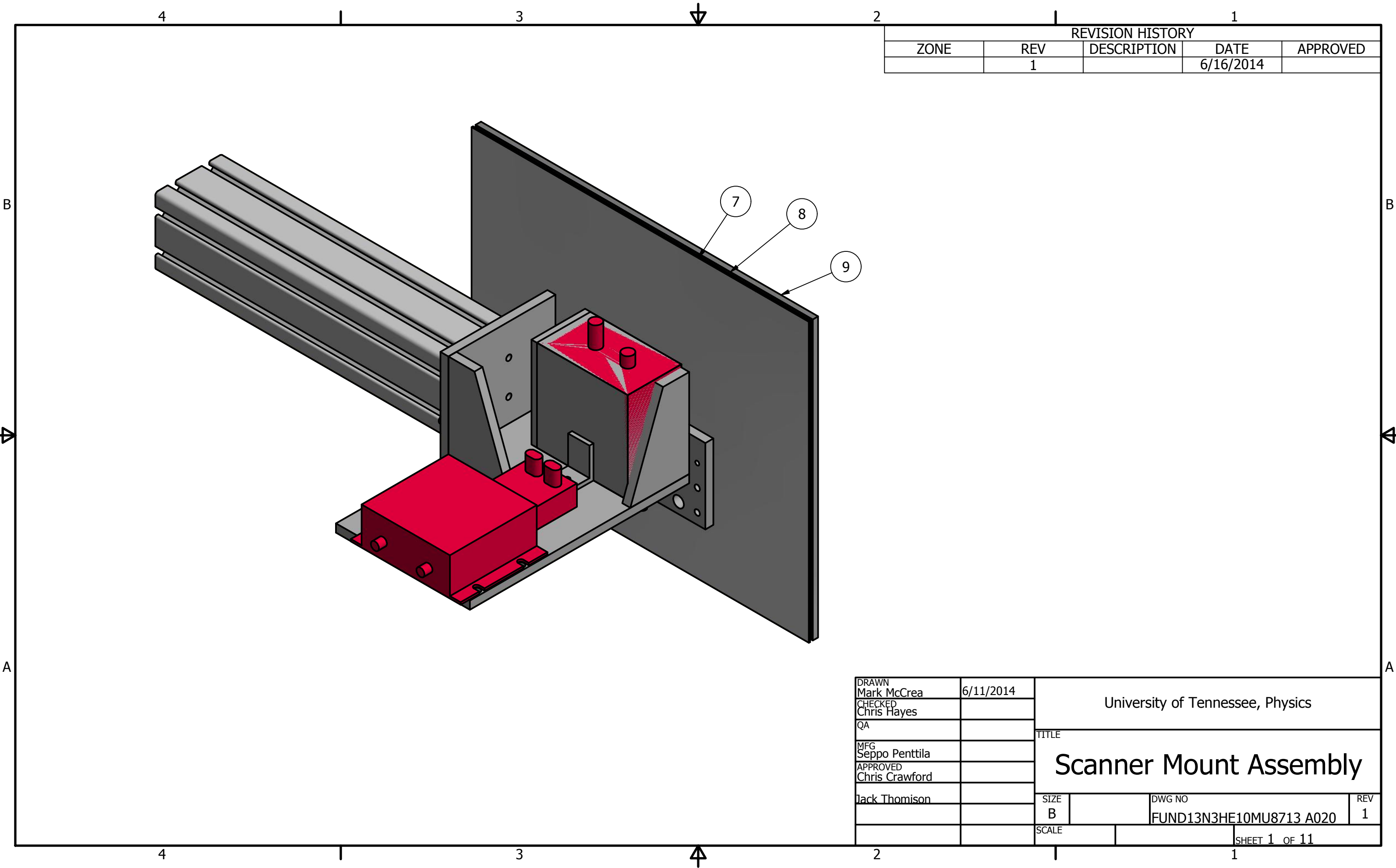
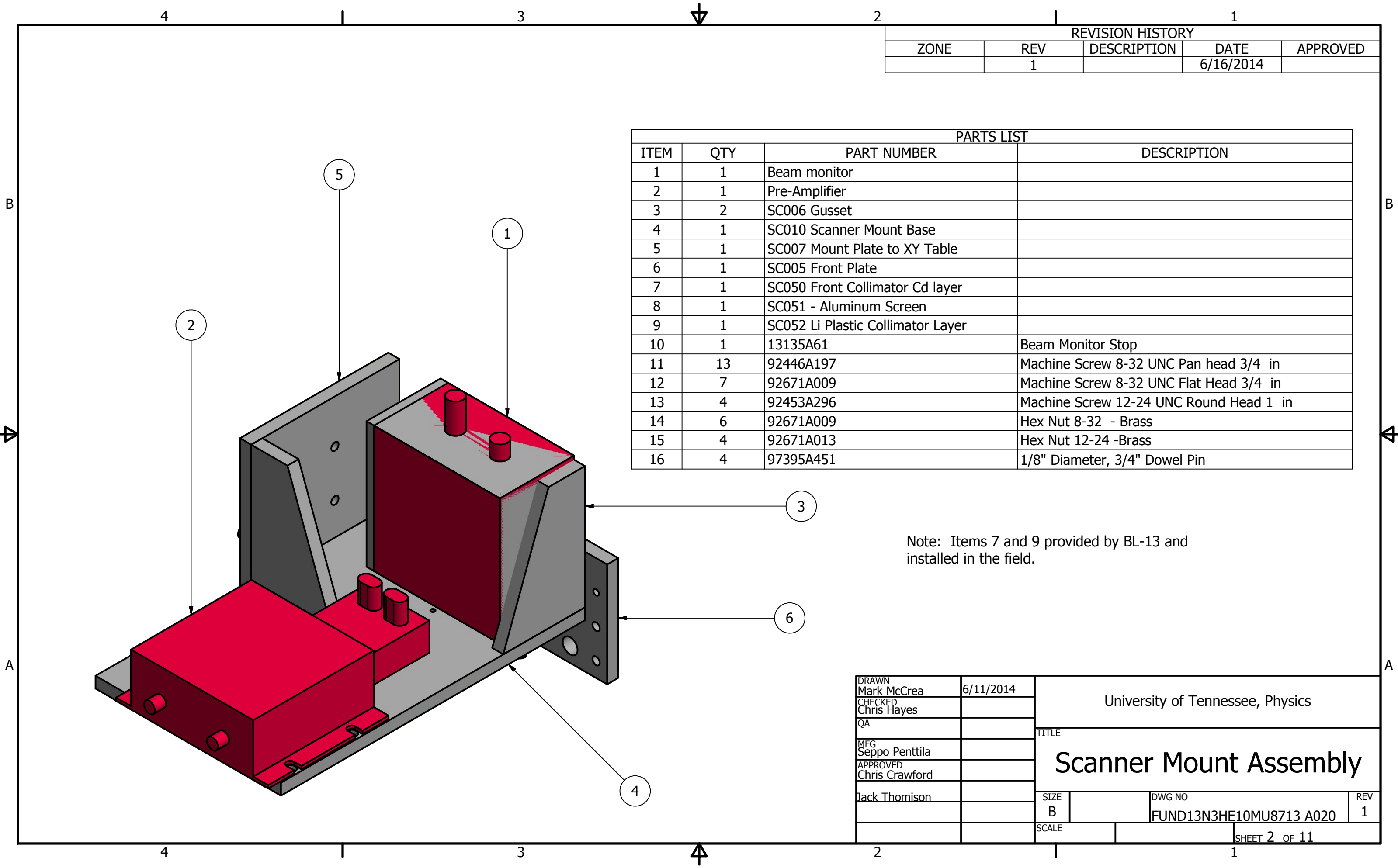




REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1		6/16/2014	

DRAWN Mark McCrea	6/11/2014	University of Tennessee, Physics			
CHECKED Chris Hayes					
QA					
MFG Seppo Penttila		TITLE Scanner Mount Assembly			
APPROVED Chris Crawford					
Jack Thomison					
		SIZE B		DWG NO FUND13N3HE10MU8713 A020	REV 1
		SCALE			SHEET 1 OF 11

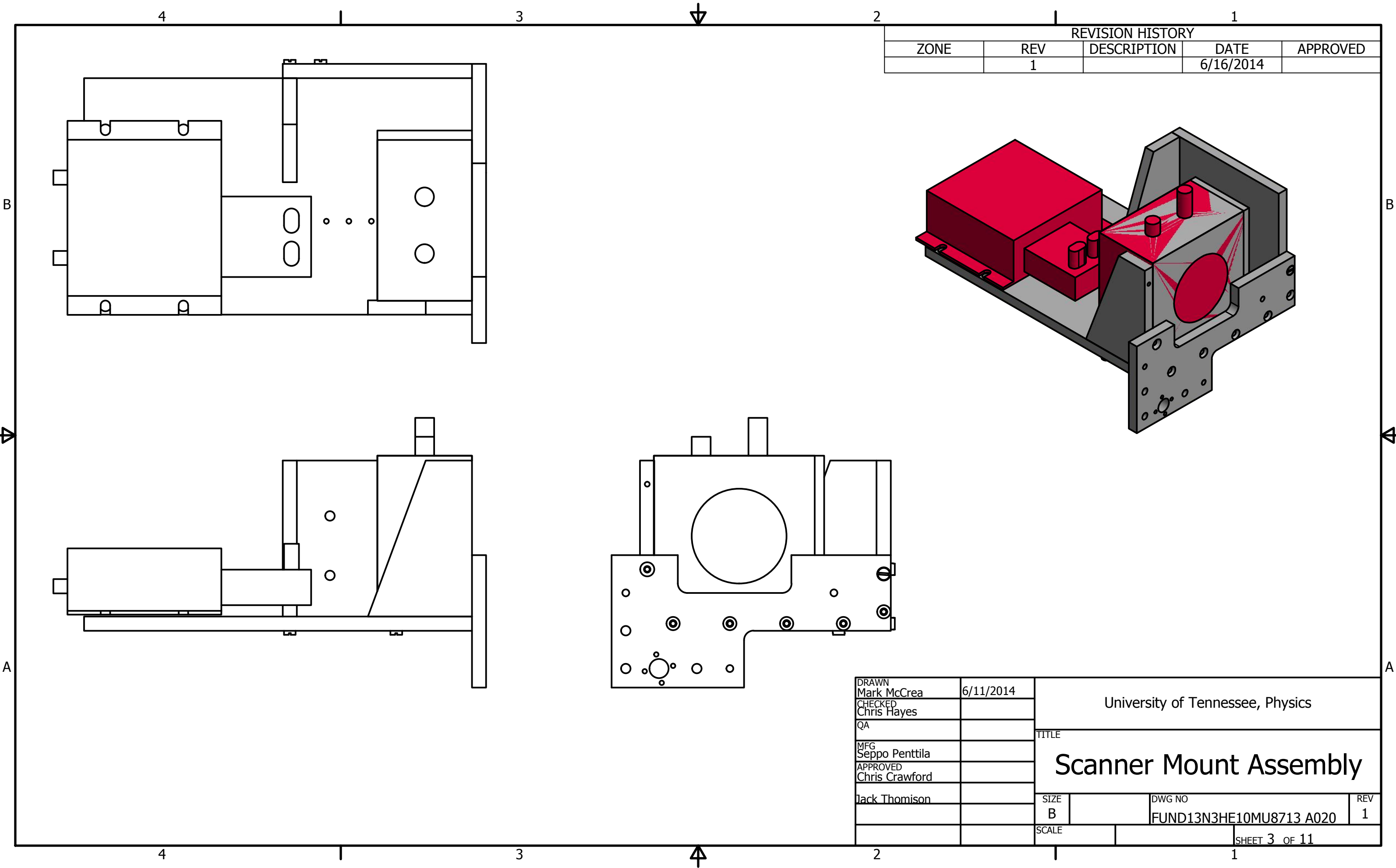


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1		6/16/2014	

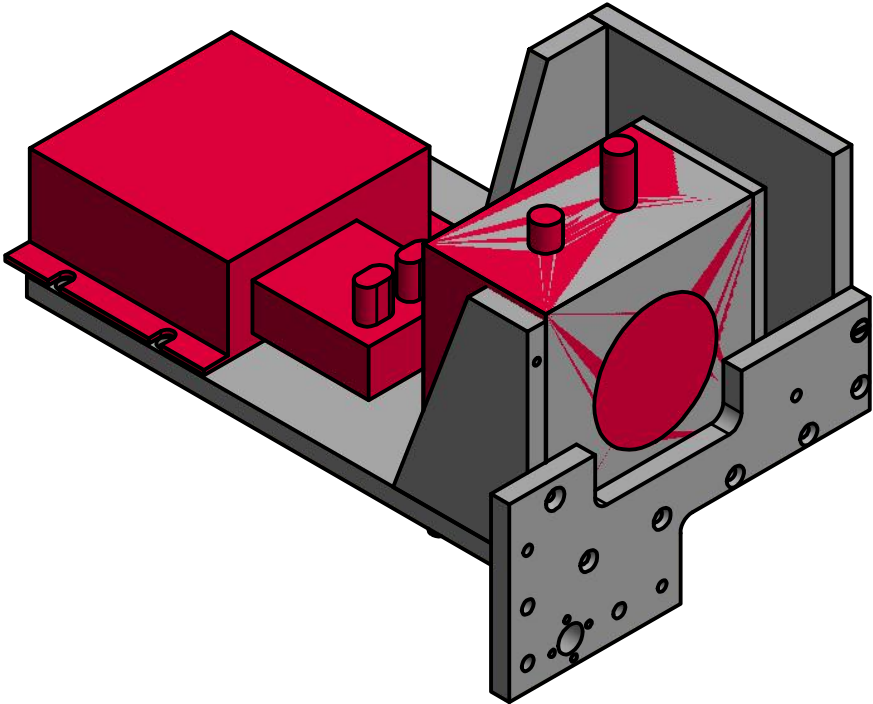
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	Beam monitor	
2	1	Pre-Amplifier	
3	2	SC006 Gusset	
4	1	SC010 Scanner Mount Base	
5	1	SC007 Mount Plate to XY Table	
6	1	SC005 Front Plate	
7	1	SC050 Front Collimator Cd layer	
8	1	SC051 - Aluminum Screen	
9	1	SC052 Li Plastic Collimator Layer	
10	1	13135A61	Beam Monitor Stop
11	13	92446A197	Machine Screw 8-32 UNC Pan head 3/4 in
12	7	92671A009	Machine Screw 8-32 UNC Flat Head 3/4 in
13	4	92453A296	Machine Screw 12-24 UNC Round Head 1 in
14	6	92671A009	Hex Nut 8-32 - Brass
15	4	92671A013	Hex Nut 12-24 -Brass
16	4	97395A451	1/8" Diameter, 3/4" Dowel Pin

Note: Items 7 and 9 provided by BL-13 and installed in the field.

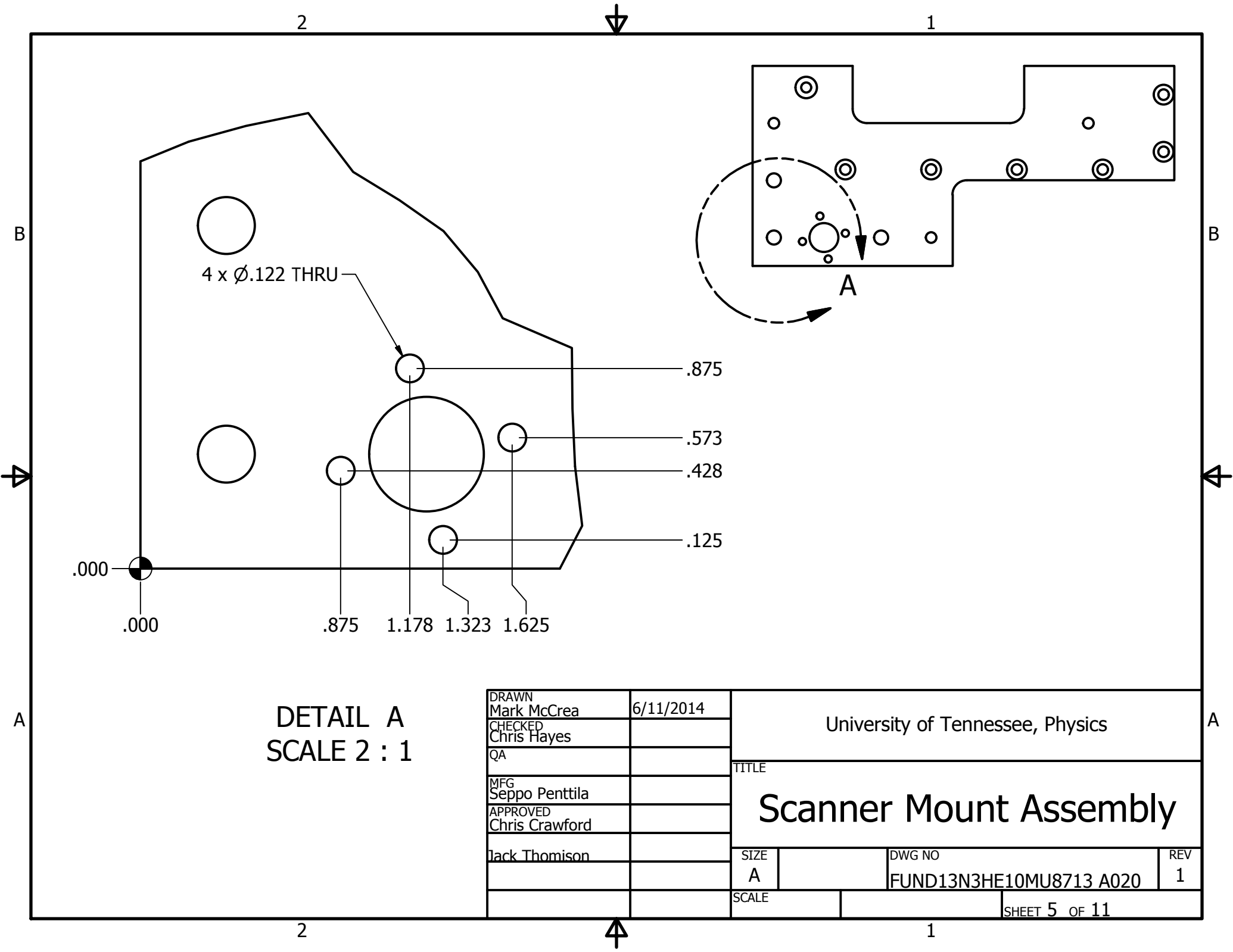
DRAWN Mark McCrea	6/11/2014	University of Tennessee, Physics		
CHECKED Chris Hayes				
QA		TITLE		
MFG Seppo Penttila		Scanner Mount Assembly		
APPROVED Chris Crawford				
Jack Thomison		SIZE B	DWG NO FUND13N3HE10MU8713 A020	REV 1
		SCALE	SHEET 2 OF 11	



REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1		6/16/2014	

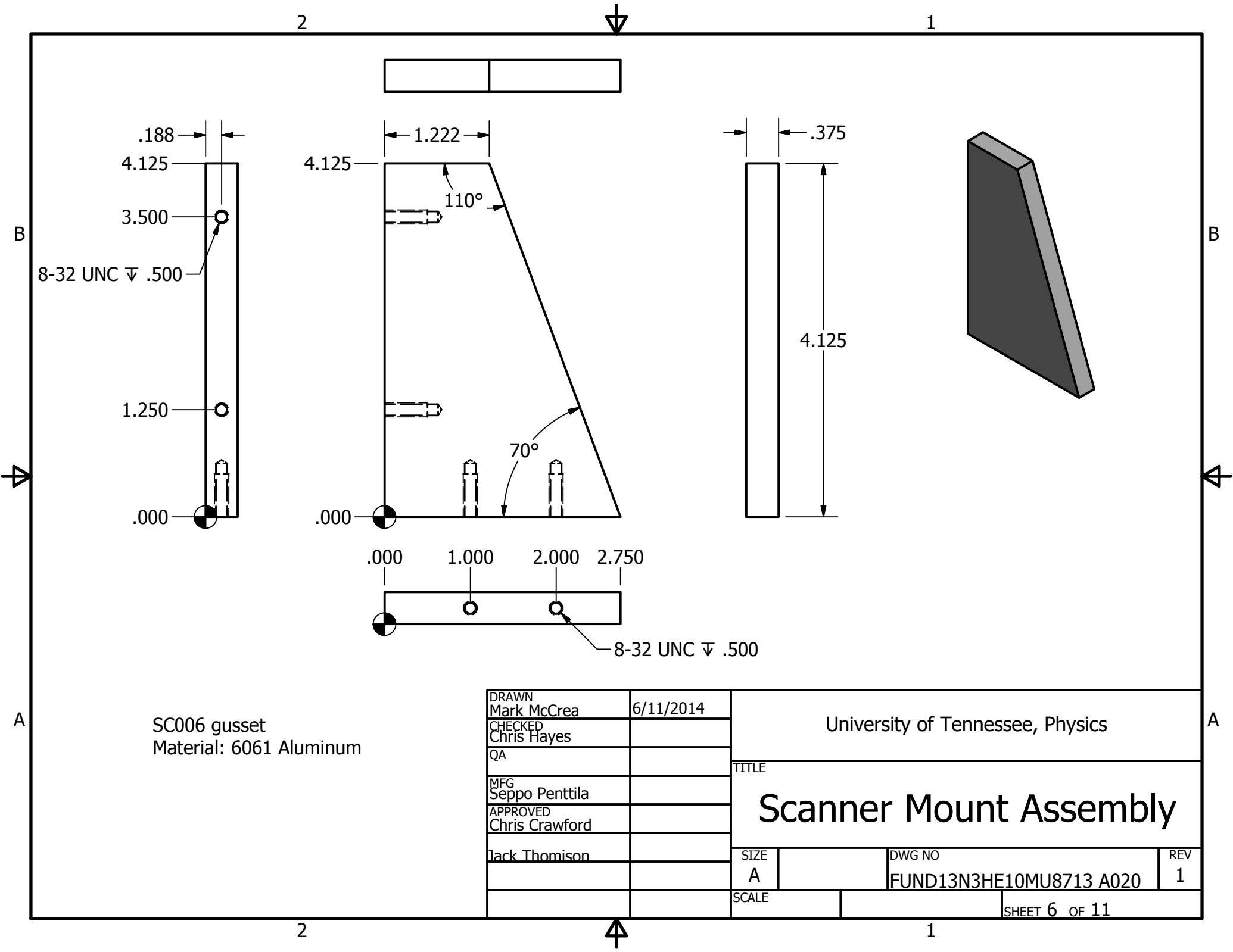


DRAWN Mark McCrea	6/11/2014	University of Tennessee, Physics		
CHECKED Chris Hayes		TITLE Scanner Mount Assembly		
QA				
MFG Seppo Penttila		SIZE B		
APPROVED Chris Crawford				
Jack Thomison		DWG NO FUND13N3HE10MU8713 A020		REV 1
		SCALE		SHEET 3 OF 11



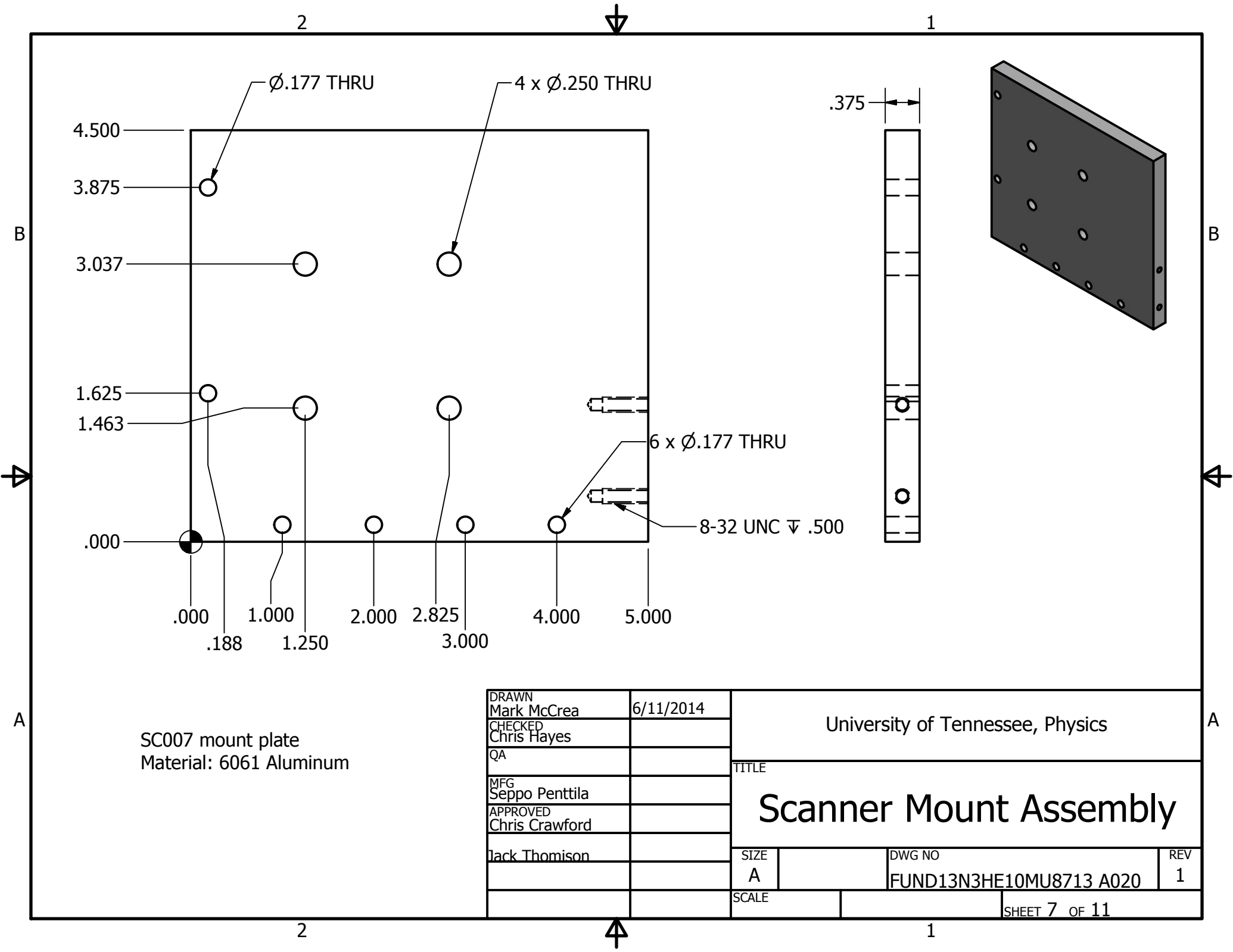
DETAIL A
SCALE 2 : 1

DRAWN Mark McCrea	6/11/2014	University of Tennessee, Physics		
CHECKED Chris Hayes				
QA				
MFG Seppo Penttila		TITLE Scanner Mount Assembly		
APPROVED Chris Crawford				
Jack Thomison		SIZE A	DWG NO FUND13N3HE10MU8713 A020	REV 1
		SCALE	SHEET 5 OF 11	



SC006 gusset
Material: 6061 Aluminum

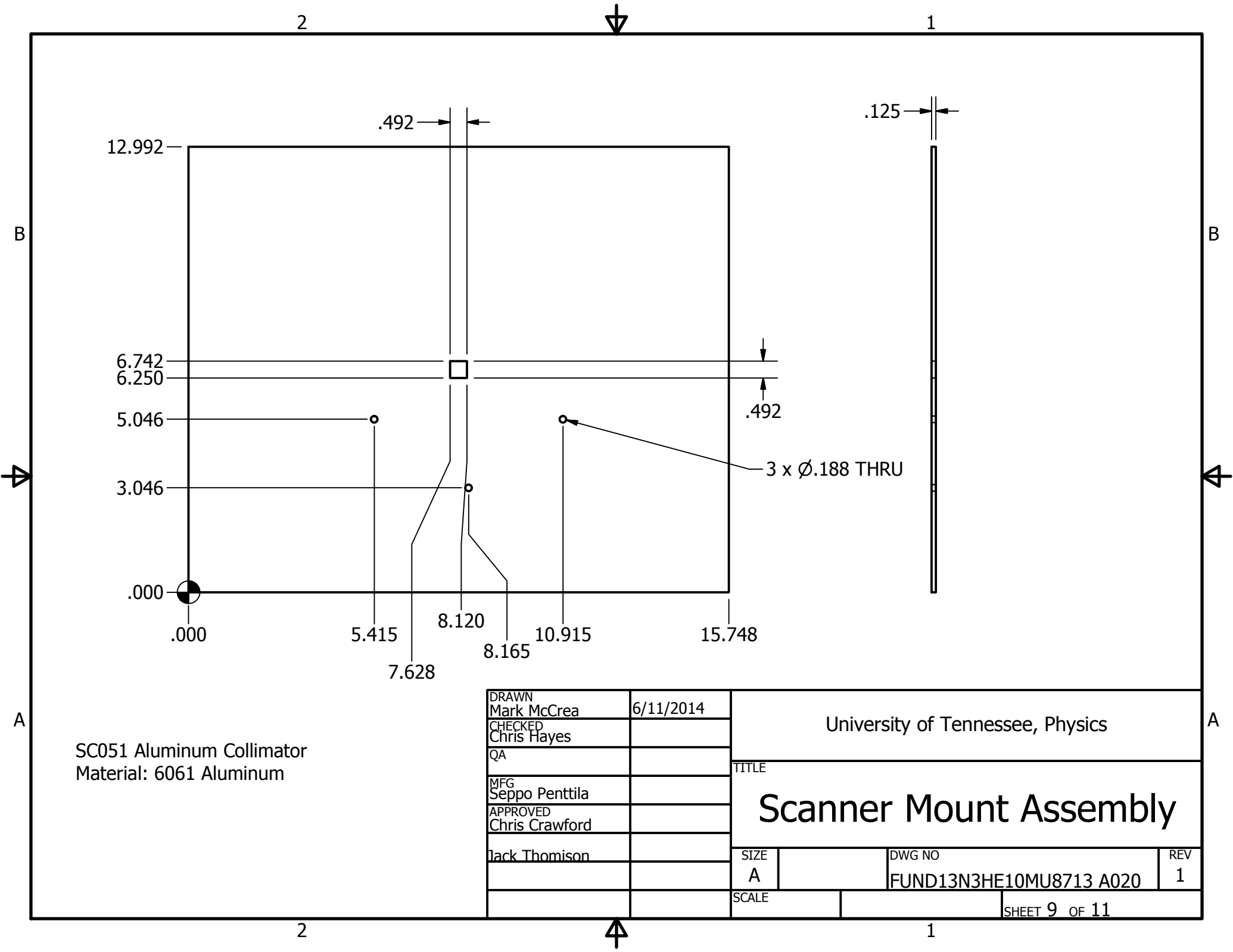
DRAWN Mark McCrea	6/11/2014	University of Tennessee, Physics		
CHECKED Chris Hayes				
QA				
MFG Seppo Penttila		TITLE Scanner Mount Assembly		
APPROVED Chris Crawford				
Jack Thomison		SIZE A	DWG NO FUND13N3HE10MU8713 A020	REV 1
		SCALE	SHEET 6 OF 11	



SC007 mount plate
Material: 6061 Aluminum

DRAWN Mark McCrea	6/11/2014
CHECKED Chris Hayes	
QA	
MFG Seppo Penttila	
APPROVED Chris Crawford	
Jack Thomison	

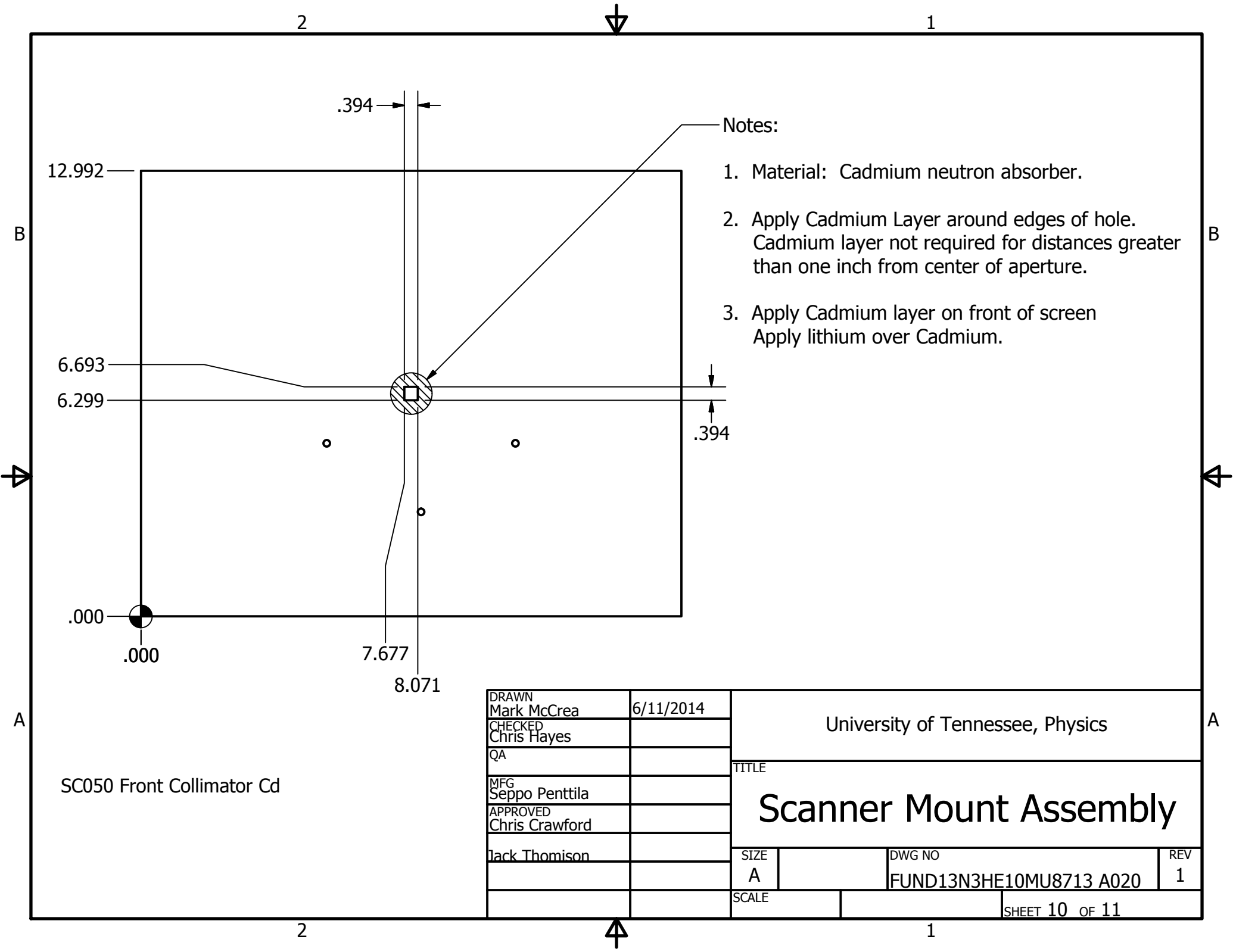
University of Tennessee, Physics			
TITLE			
Scanner Mount Assembly			
SIZE A		DWG NO FUND13N3HE10MU8713 A020	REV 1
SCALE			SHEET 7 OF 11



SC051 Aluminum Collimator
Material: 6061 Aluminum

DRAWN Mark McCrea	6/11/2014
CHECKED Chris Hayes	
QA	
MFG Seppo Penttila	
APPROVED Chris Crawford	
Jack Thomison	

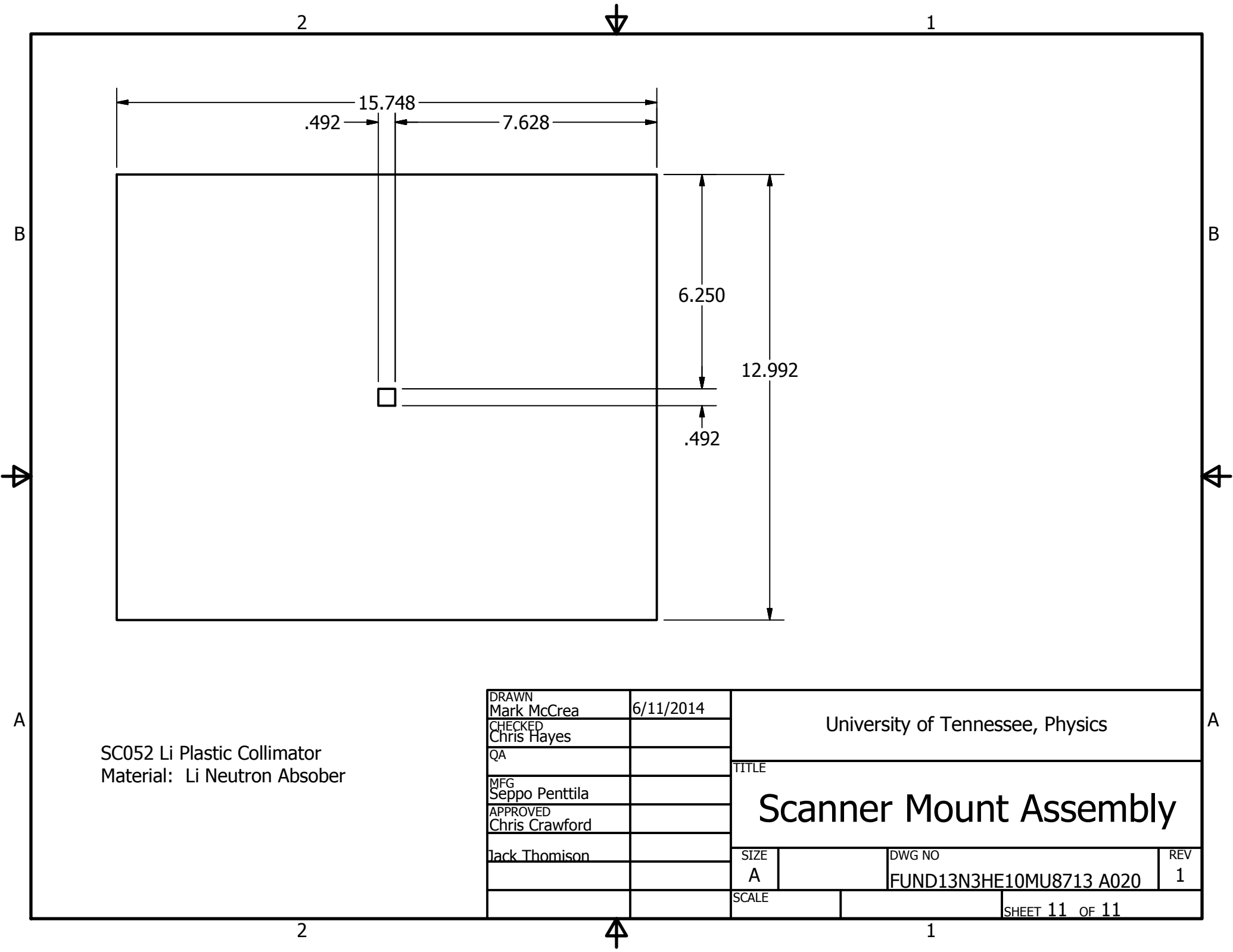
University of Tennessee, Physics			
TITLE			
Scanner Mount Assembly			
SIZE A	DWG NO FUND13N3HE10MU8713 A020	REV 1	
SCALE	SHEET 9 OF 11		



SC050 Front Collimator Cd

DRAWN Mark McCrea	6/11/2014
CHECKED Chris Hayes	
QA	
MFG Seppo Penttila	
APPROVED Chris Crawford	
Jack Thomison	

University of Tennessee, Physics			
TITLE			
Scanner Mount Assembly			
SIZE A	DWG NO FUND13N3HE10MU8713 A020	REV 1	
SCALE	SHEET 10 OF 11		



SC052 Li Plastic Collimator
Material: Li Neutron Absorber

DRAWN Mark McCrea	6/11/2014
CHECKED Chris Hayes	
QA	
MFG Seppo Penttila	
APPROVED Chris Crawford	
Jack Thomison	

University of Tennessee, Physics		
TITLE		
Scanner Mount Assembly		
SIZE A	DWG NO FUND13N3HE10MU8713 A020	REV 1
SCALE	SHEET 11 OF 11	